

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112223\
 Data File : VN080245.D
 Acq On : 22 Nov 2023 14:06
 Operator : JC\MD
 Sample : VN1122MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/24/2023
 Supervised By : Mahesh Dadoda 11/24/2023

Quant Time: Nov 23 00:20:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	219330	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	342123	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	315506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	156943	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	183580	50.692	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 101.380%		
35) Dibromofluoromethane	8.171	113	130345	51.634	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.260%		
50) Toluene-d8	10.571	98	461153	50.676	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 101.360%		
62) 4-Bromofluorobenzene	12.853	95	174894	50.882	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 101.760%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	57552	17.616	ug/l	98
3) Chloromethane	2.365	50	41517	16.902	ug/l	92
4) Vinyl Chloride	2.512	62	46990	18.077	ug/l	94
5) Bromomethane	2.954	94	29812	16.894	ug/l	98
6) Chloroethane	3.118	64	31469	18.480	ug/l	90
7) Trichlorofluoromethane	3.495	101	98129	18.097	ug/l	97
8) Diethyl Ether	3.959	74	26590	16.861	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.377	101	44523	17.964	ug/l	97
10) Methyl Iodide	4.589	142	47331	17.671	ug/l #	83
11) Tert butyl alcohol	5.518	59	39815	99.975	ug/l	97
12) 1,1-Dichloroethene	4.336	96	39768	17.155	ug/l	89
13) Acrolein	4.177	56	33424	94.834	ug/l	94
14) Allyl chloride	5.030	41	50784	17.412	ug/l	94
15) Acrylonitrile	5.718	53	103804	97.093	ug/l	98
16) Acetone	4.430	43	91304	75.063	ug/l	95
17) Carbon Disulfide	4.712	76	107791	15.573	ug/l	99
18) Methyl Acetate	5.030	43	76052	19.460	ug/l	95
19) Methyl tert-butyl Ether	5.795	73	153877	18.796	ug/l	99
20) Methylene Chloride	5.271	84	51093	20.058	ug/l	96
21) trans-1,2-Dichloroethene	5.789	96	45675	17.935	ug/l #	82
22) Diisopropyl ether	6.677	45	124014	19.219	ug/l	93
23) Vinyl Acetate	6.606	43	350264	90.290	ug/l	94
24) 1,1-Dichloroethane	6.571	63	85120	18.111	ug/l	96
25) 2-Butanone	7.483	43	123029	85.130	ug/l	88
26) 2,2-Dichloropropane	7.489	77	81611	17.503	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	51636	17.884	ug/l	86
28) Bromochloromethane	7.812	49	37686	20.397	ug/l	98
29) Tetrahydrofuran	7.841	42	77894	100.394	ug/l	91
30) Chloroform	7.965	83	102883	19.585	ug/l	94
31) Cyclohexane	8.265	56	64363	16.342	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	98331	19.195	ug/l	99
36) 1,1-Dichloropropene	8.371	75	66578	18.216	ug/l	95
37) Ethyl Acetate	7.559	43	50661	19.984	ug/l	98
38) Carbon Tetrachloride	8.365	117	88149	19.006	ug/l	98
39) Methylcyclohexane	9.606	83	60700	17.225	ug/l	91
40) Benzene	8.612	78	194748	18.748	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	28826	20.705	ug/l	92
42) 1,2-Dichloroethane	8.671	62	85815	20.193	ug/l	95
43) Isopropyl Acetate	8.694	43	91552	18.558	ug/l	97
44) Trichloroethene	9.359	130	50071	18.376	ug/l	94
45) 1,2-Dichloropropane	9.624	63	46007	19.059	ug/l	96
46) Dibromomethane	9.706	93	36451	19.948	ug/l	91
47) Bromodichloromethane	9.888	83	79183	19.699	ug/l	94
48) Methyl methacrylate	9.683	41	50890	20.017	ug/l	90
49) 1,4-Dioxane	9.694	88	17521	414.260	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	260917	102.156	ug/l	98
52) Toluene	10.635	92	127924	19.678	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	77733	18.822	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	82624	19.583	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	48764	19.654	ug/l	97
56) Ethyl methacrylate	10.877	69	52733	20.804	ug/l	96
57) 1,3-Dichloropropane	11.165	76	85855	19.819	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	147868	103.551	ug/l	99
59) 2-Hexanone	11.200	43	193497	94.280	ug/l	95
60) Dibromochloromethane	11.365	129	61641	20.751	ug/l	99
61) 1,2-Dibromoethane	11.471	107	49165	19.424	ug/l	98
64) Tetrachloroethene	11.106	164	42343	17.586	ug/l	97
65) Chlorobenzene	11.894	112	128564	17.983	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	55532	20.016	ug/l	93
67) Ethyl Benzene	11.965	91	233820	18.380	ug/l	94
68) m/p-Xylenes	12.076	106	174894	37.706	ug/l	87
69) o-Xylene	12.400	106	83016	18.991	ug/l	86
70) Styrene	12.412	104	125026	19.216	ug/l	92
71) Bromoform	12.582	173	40458	19.665	ug/l #	95
73) Isopropylbenzene	12.700	105	222076	18.210	ug/l	98
74) N-amyl acetate	12.494	43	66744	17.550	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	68775	18.842	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	68070m	17.702	ug/l	
77) Bromobenzene	12.982	156	57454	18.686	ug/l	96
78) n-propylbenzene	13.041	91	248521	18.223	ug/l	99
79) 2-Chlorotoluene	13.129	91	164110	18.528	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	194689	18.339	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	20690	18.178	ug/l #	87
82) 4-Chlorotoluene	13.223	91	166310	18.328	ug/l	95
83) tert-Butylbenzene	13.441	119	153659	18.049	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	194951	18.649	ug/l	97
85) sec-Butylbenzene	13.623	105	195102	18.116	ug/l	99
86) p-Isopropyltoluene	13.735	119	177179	18.416	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	100378	18.120	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	100019	17.966	ug/l	97
89) n-Butylbenzene	14.059	91	136403	16.939	ug/l	99
90) Hexachloroethane	14.335	117	32391	17.270	ug/l	67
91) 1,2-Dichlorobenzene	14.112	146	94937	17.909	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	15537	18.326	ug/l	92
93) 1,2,4-Trichlorobenzene	15.400	180	48074	15.592	ug/l	96
94) Hexachlorobutadiene	15.506	225	27065	15.254	ug/l	94
95) Naphthalene	15.647	128	138295	15.468	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	48656	16.836	ug/l	98

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ClientSampleId :
VN1122MBSD01

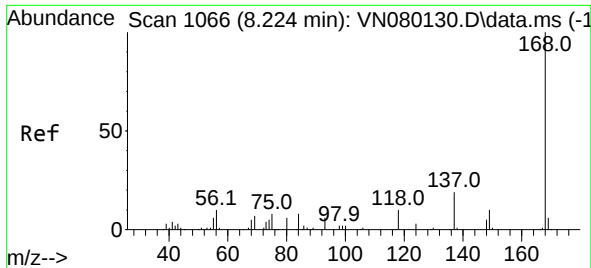
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/24/2023

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Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



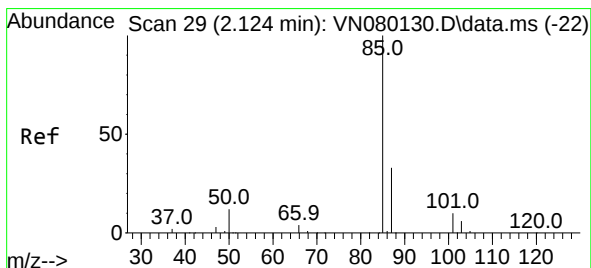
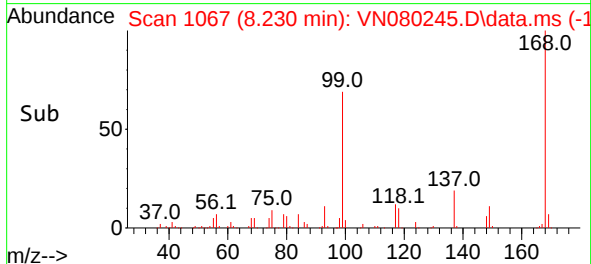
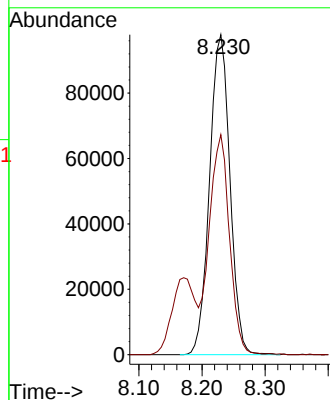
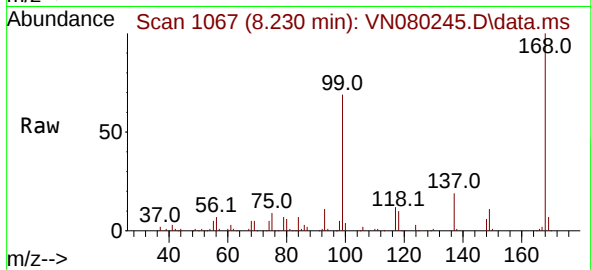
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01

Tgt Ion:168 Resp: 219330
Ion Ratio Lower Upper
168 100
99 68.5 53.0 79.6

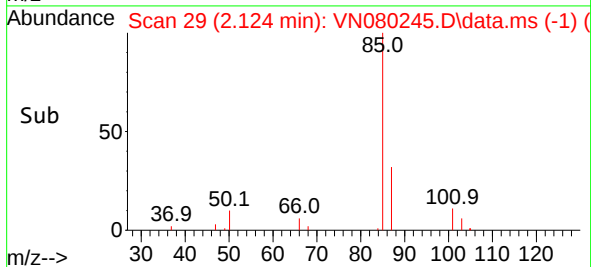
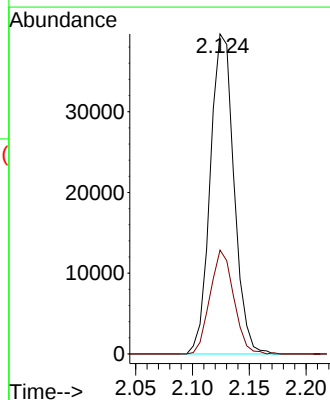
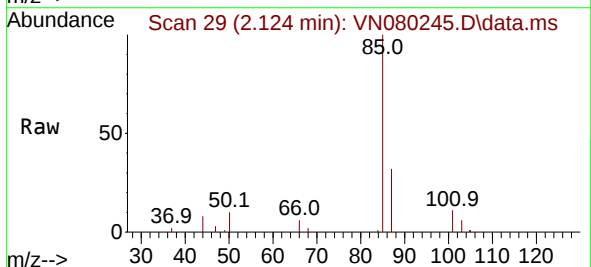
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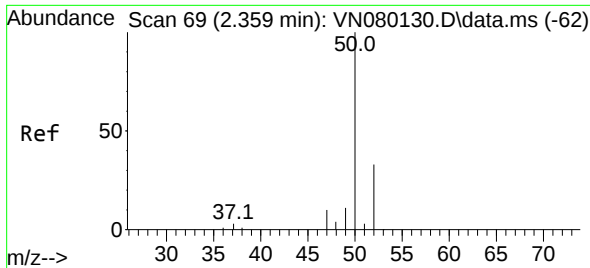
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#2
Dichlorodifluoromethane
Concen: 17.616 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

Tgt Ion: 85 Resp: 57552
Ion Ratio Lower Upper
85 100
87 32.5 15.8 47.4





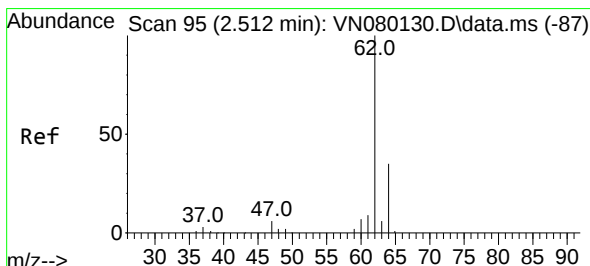
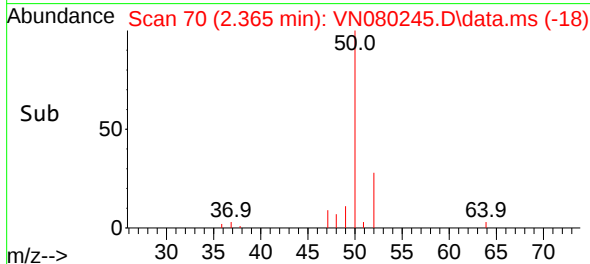
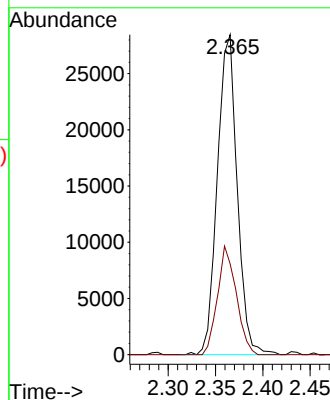
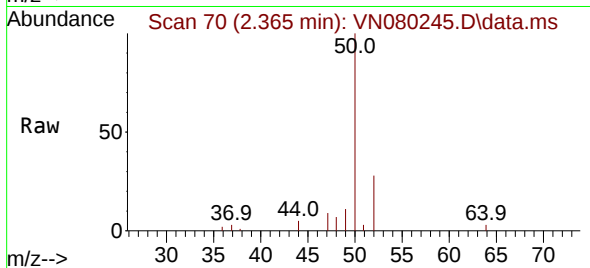
#3
Chloromethane
Concen: 16.902 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

Instrument :
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ClientSampleId :
VN1122MBSD01

Tgt Ion: 50 Resp: 4151
Ion Ratio Lower Upper
50 100
52 28.4 26.5 39.7

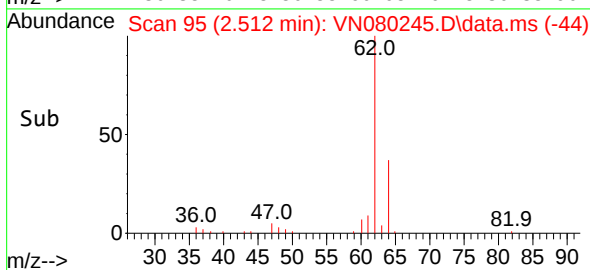
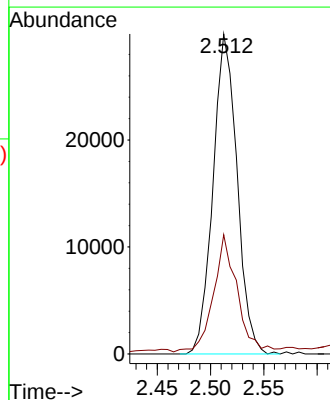
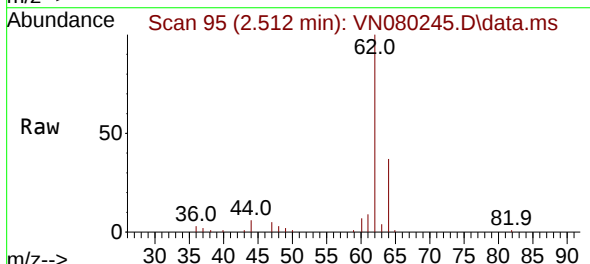
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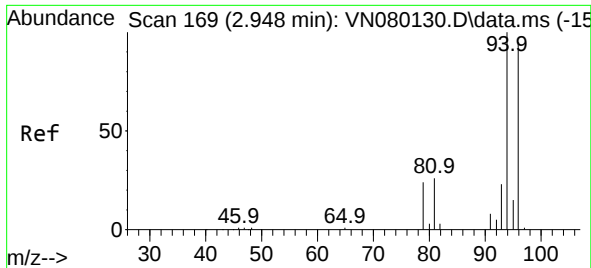
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#4
Vinyl Chloride
Concen: 18.077 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

Tgt Ion: 62 Resp: 46990
Ion Ratio Lower Upper
62 100
64 35.8 26.2 39.2





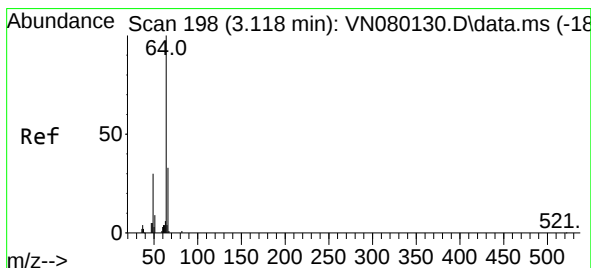
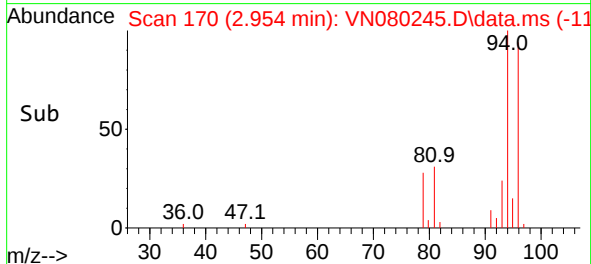
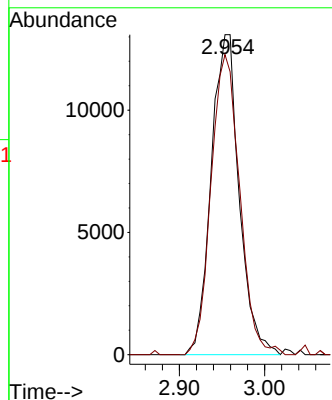
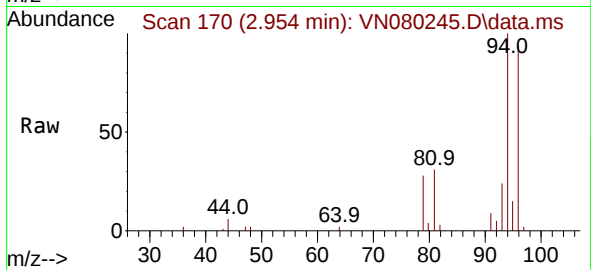
#5
Bromomethane
Concen: 16.894 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

Instrument :
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Tgt Ion: 94 Resp: 2981
Ion Ratio Lower Upper
94 100
96 93.7 73.1 109.7

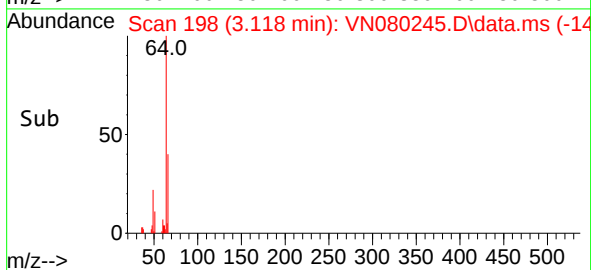
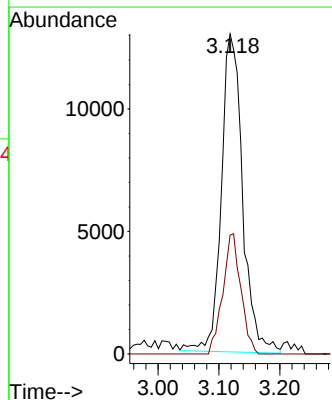
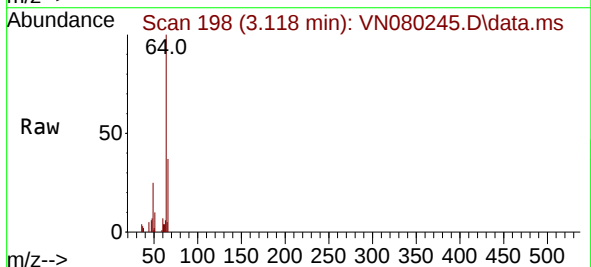
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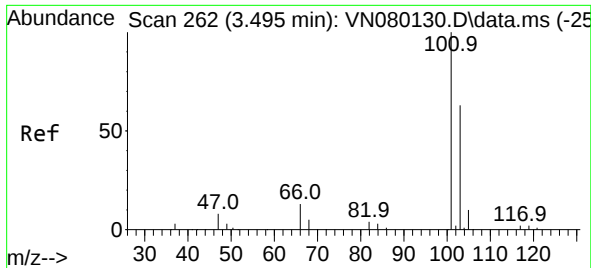
Reviewed By :John Carlone 11/24/2023
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#6
Chloroethane
Concen: 18.480 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

Tgt Ion: 64 Resp: 31469
Ion Ratio Lower Upper
64 100
66 37.6 25.4 38.2





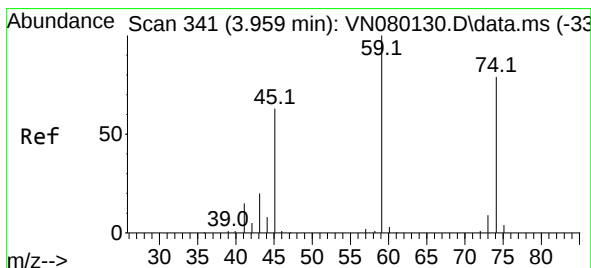
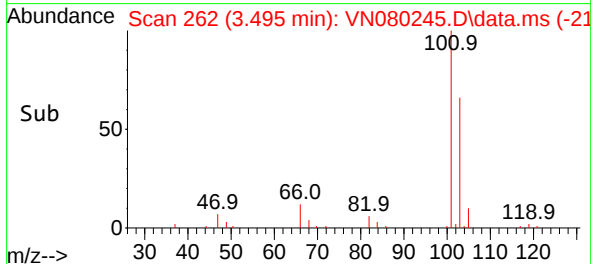
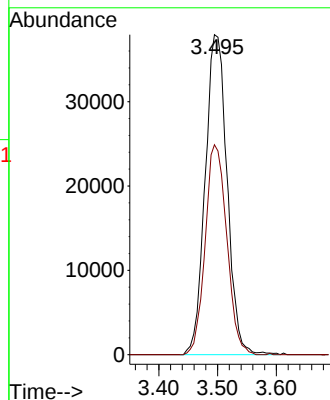
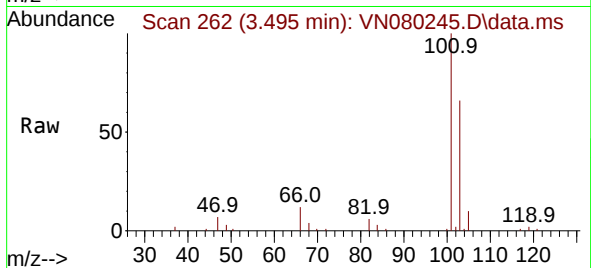
#7
 Trichlorofluoromethane
 Concen: 18.097 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. -0.000 min
 Lab File: VN080245.D
 Acq: 22 Nov 2023 14:06

Instrument :
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 ClientSampleId :
 VN1122MBSD01

Tgt Ion:101 Resp: 98129
 Ion Ratio Lower Upper
 101 100
 103 65.6 50.7 76.1

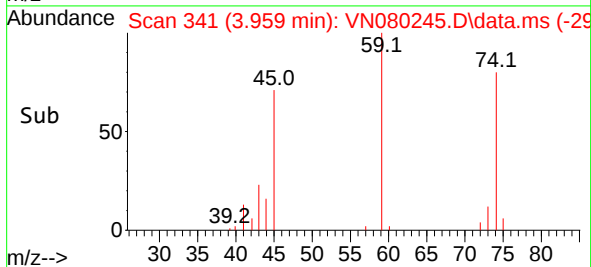
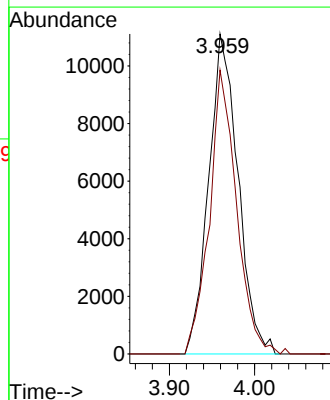
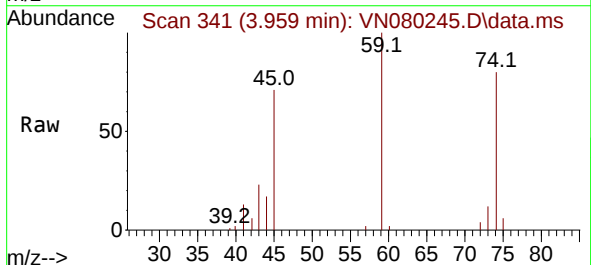
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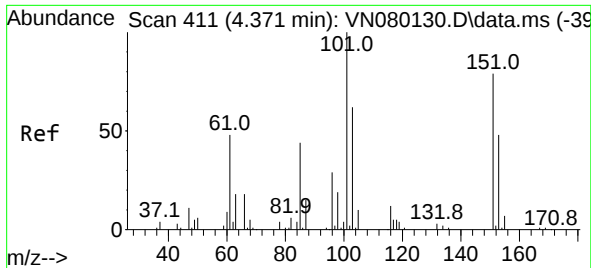
Reviewed By :John Carlone 11/24/2023
 Supervised By :Mahesh Dadoda 11/24/2023



#8
 Diethyl Ether
 Concen: 16.861 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN080245.D
 Acq: 22 Nov 2023 14:06

Tgt Ion: 74 Resp: 26590
 Ion Ratio Lower Upper
 74 100
 45 81.9 34.4 103.3





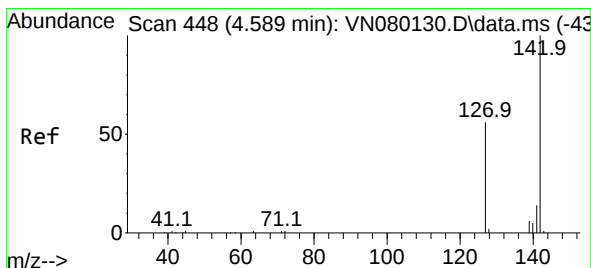
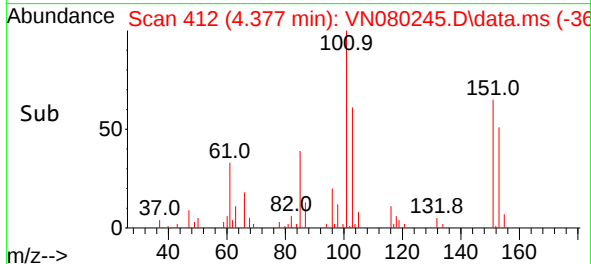
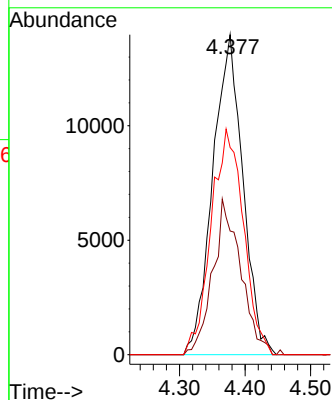
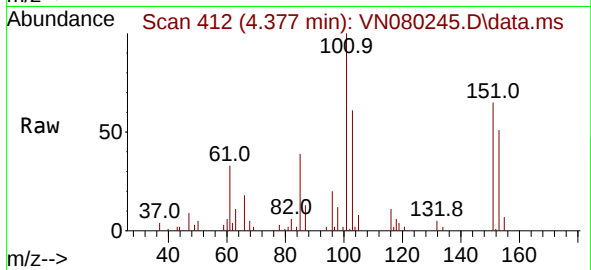
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.964 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01

Tgt Ion:101 Resp: 4452
Ion Ratio Lower Upper
101 100
85 45.4 36.6 55.0
151 75.9 57.6 86.4

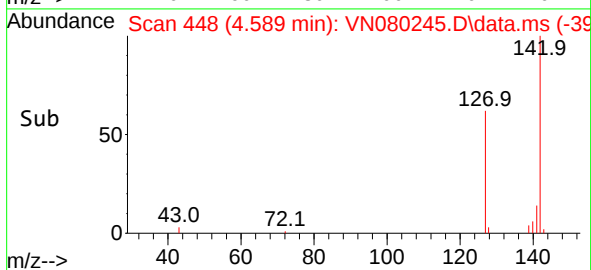
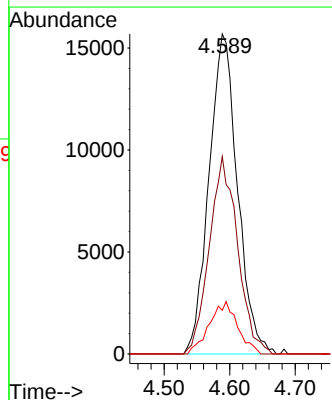
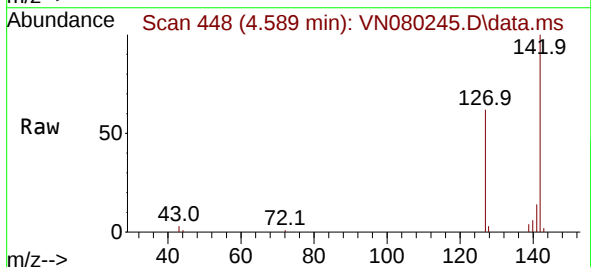
Manual Integrations
APPROVED

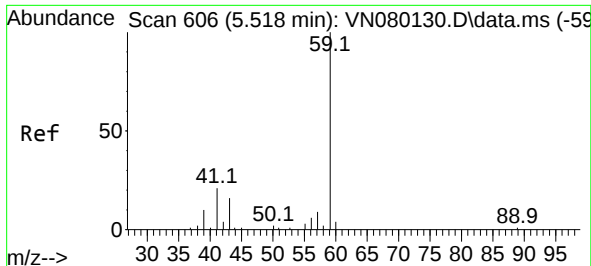
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#10
Methyl Iodide
Concen: 17.671 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

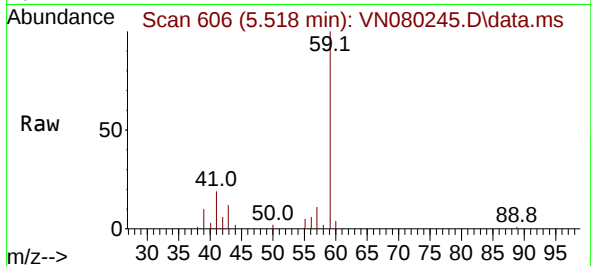
Tgt Ion:142 Resp: 47331
Ion Ratio Lower Upper
142 100
127 61.6 37.6 56.4#
141 13.6 11.4 17.0





#11
Tert butyl alcohol
Concen: 99.975 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

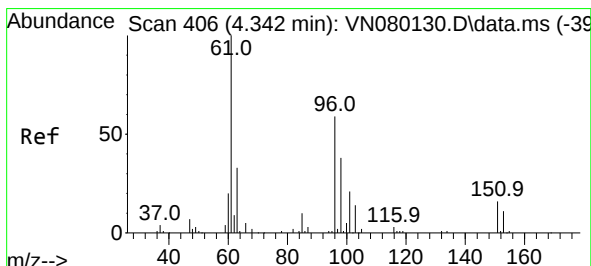
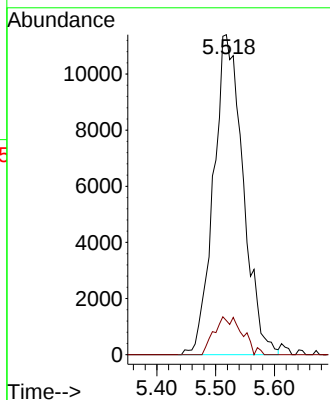
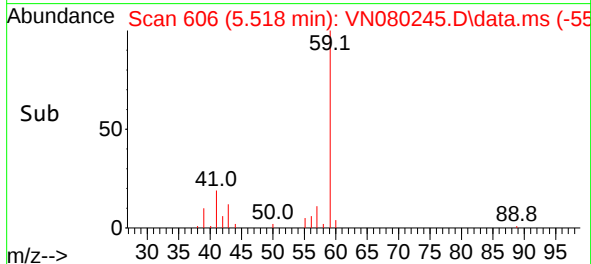
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01



Tgt Ion: 59 Resp: 39815
Ion Ratio Lower Upper
59 100
57 11.3 8.2 12.4

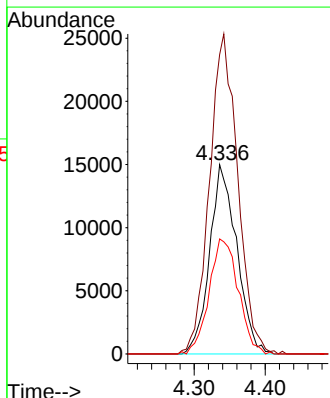
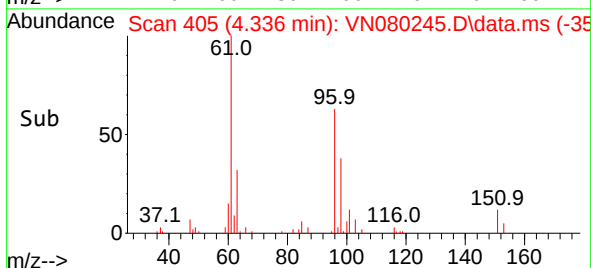
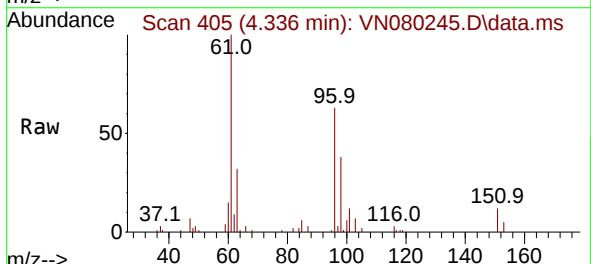
Manual Integrations
APPROVED

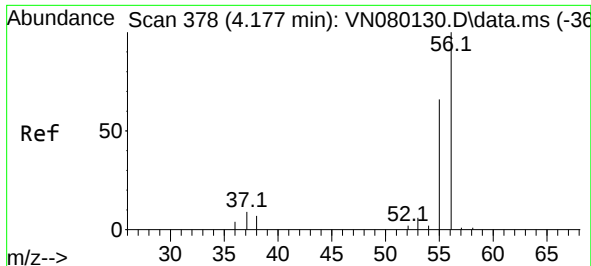
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#12
1,1-Dichloroethene
Concen: 17.155 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

Tgt Ion: 96 Resp: 39768
Ion Ratio Lower Upper
96 100
61 158.1 112.7 169.1
98 60.7 51.2 76.8





#13

Acrolein

Concen: 94.834 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN080245.D

Acq: 22 Nov 2023 14:06

Instrument :

MSVOA_N

ClientSampleId :

VN1122MBS01

Tgt Ion: 56 Resp: 33424

Ion Ratio Lower Upper

56 100

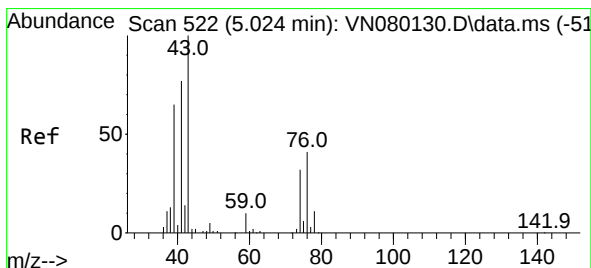
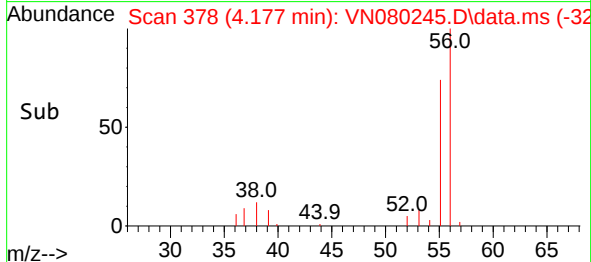
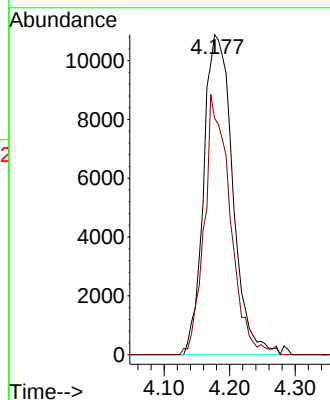
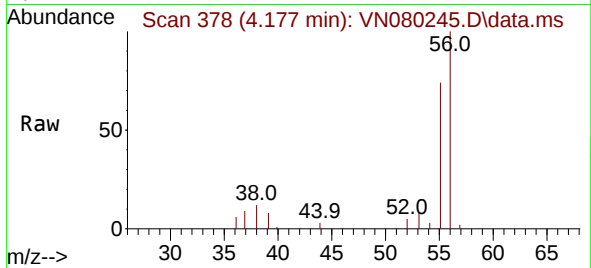
55 72.7 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#14

Allyl chloride

Concen: 17.412 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.006 min

Lab File: VN080245.D

Acq: 22 Nov 2023 14:06

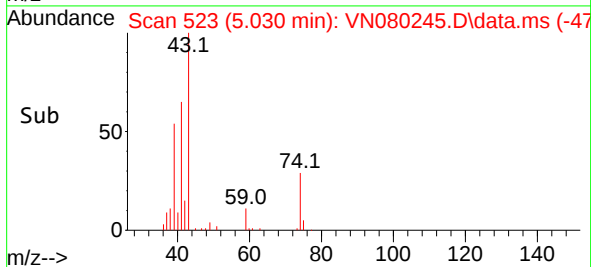
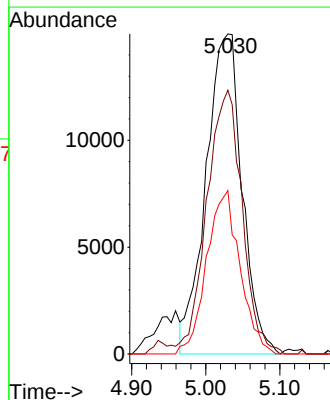
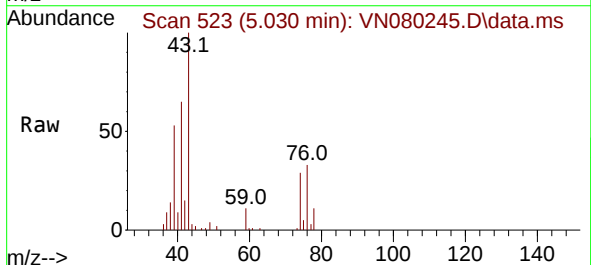
Tgt Ion: 41 Resp: 50784

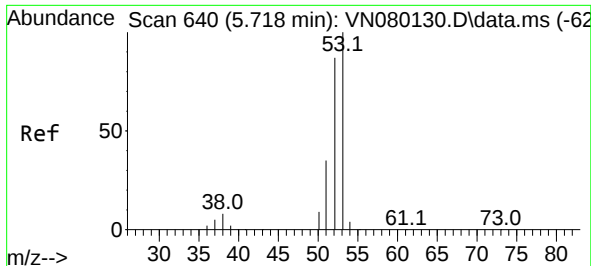
Ion Ratio Lower Upper

41 100

39 80.3 58.8 88.2

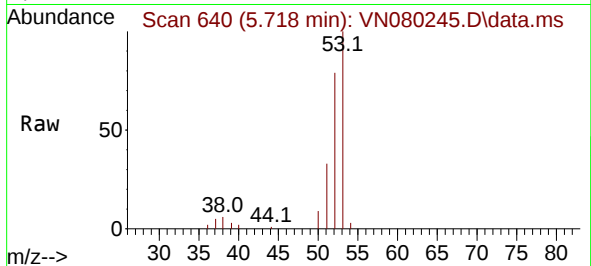
76 47.1 39.1 58.7





#15
Acrylonitrile
Concen: 97.093 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

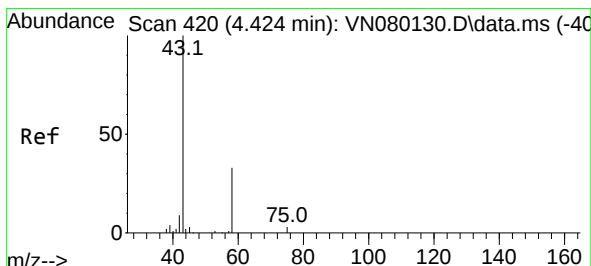
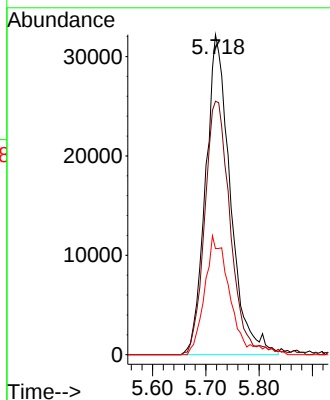
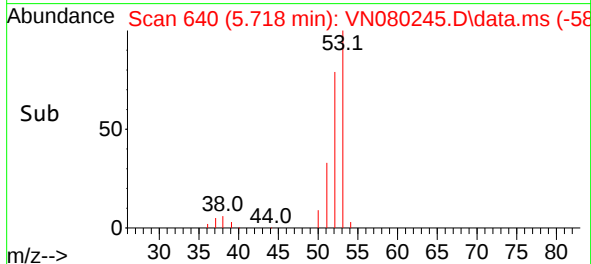
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01



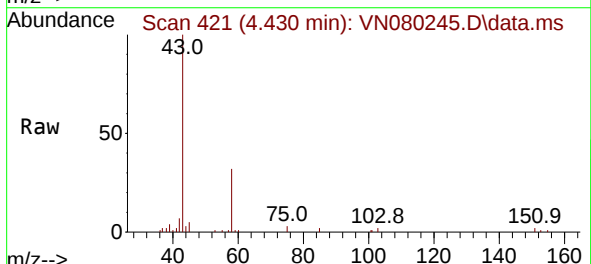
Tgt Ion: 53 Resp: 103804
Ion Ratio Lower Upper
53 100
52 80.4 65.3 97.9
51 38.3 28.9 43.3

Manual Integrations
APPROVED

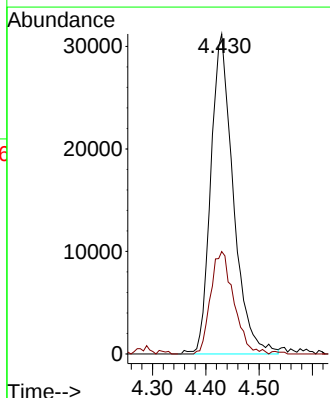
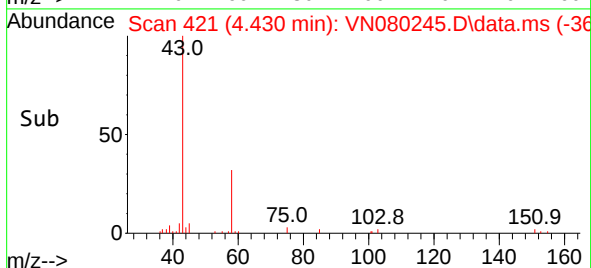
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

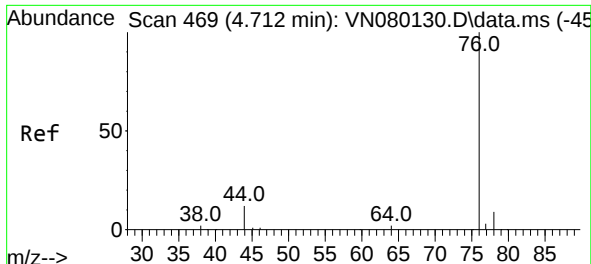


#16
Acetone
Concen: 75.063 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06



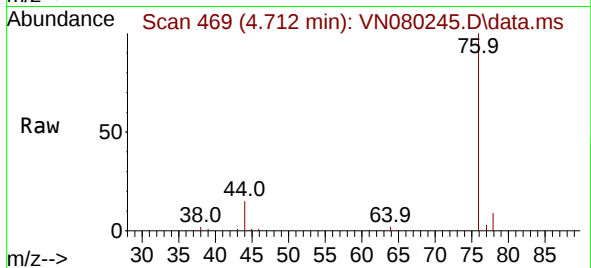
Tgt Ion: 43 Resp: 91304
Ion Ratio Lower Upper
43 100
58 32.0 28.0 42.0





#17
Carbon Disulfide
Concen: 15.573 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

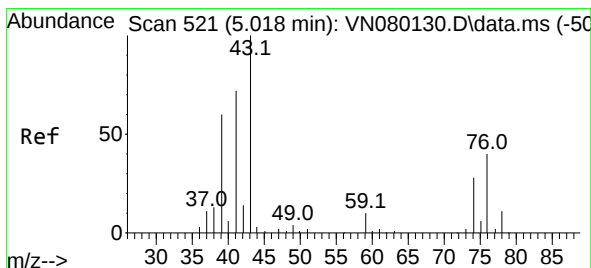
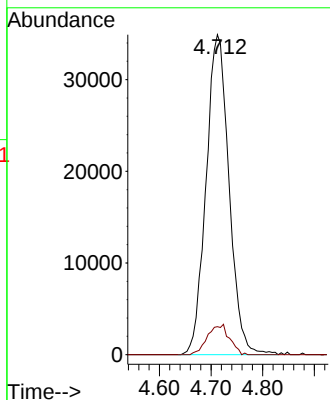
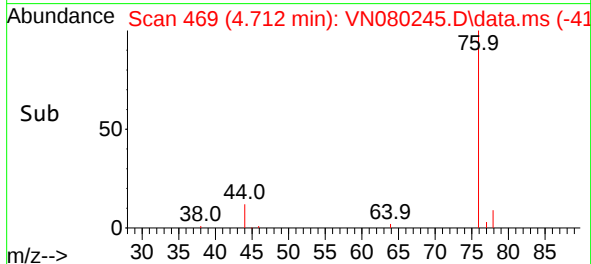
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01



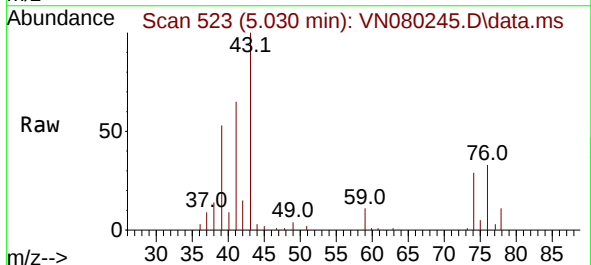
Tgt Ion: 76 Resp: 10779
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

Manual Integrations
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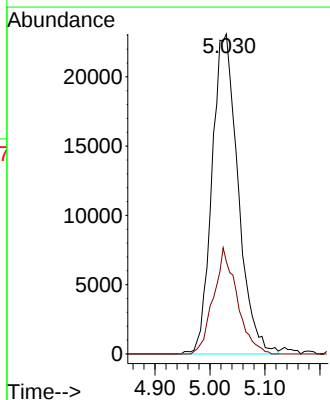
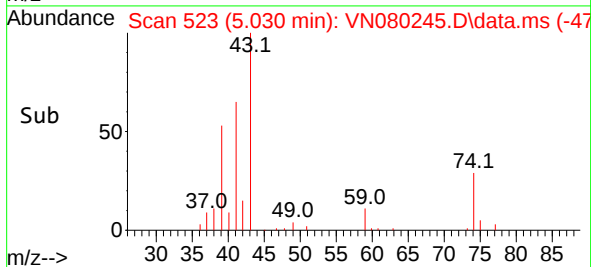
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

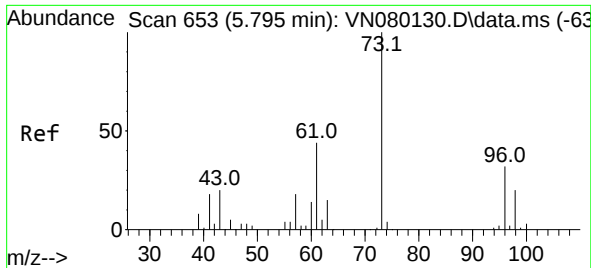


#18
Methyl Acetate
Concen: 19.460 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06



Tgt Ion: 43 Resp: 76052
Ion Ratio Lower Upper
43 100
74 30.2 26.2 39.4





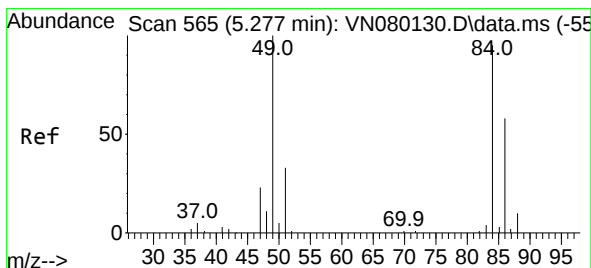
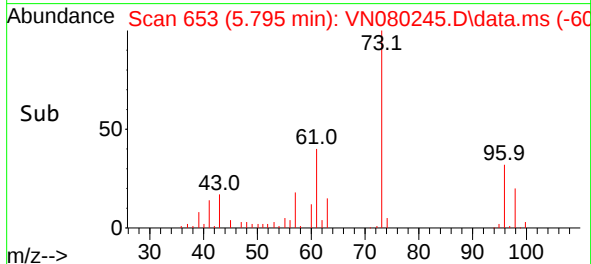
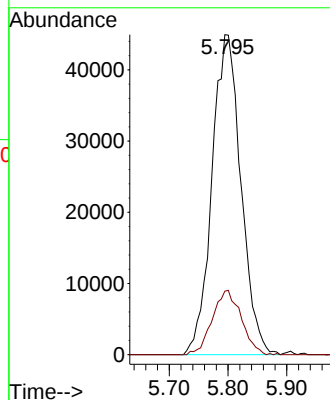
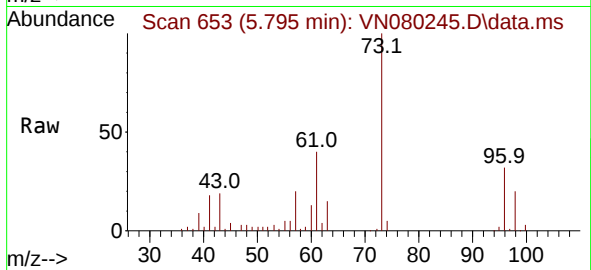
#19
Methyl tert-butyl Ether
Concen: 18.796 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01

Tgt Ion: 73 Resp: 15387
Ion Ratio Lower Upper
73 100
57 19.9 15.6 23.4

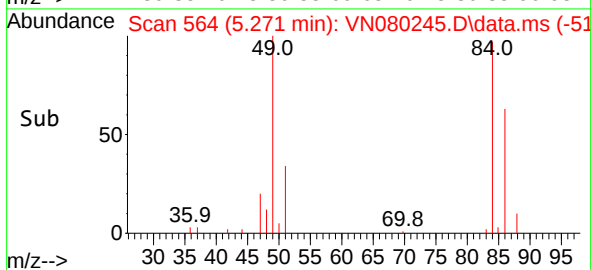
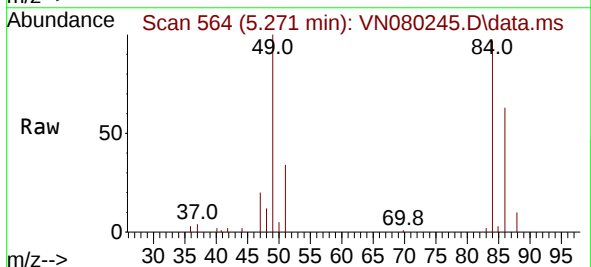
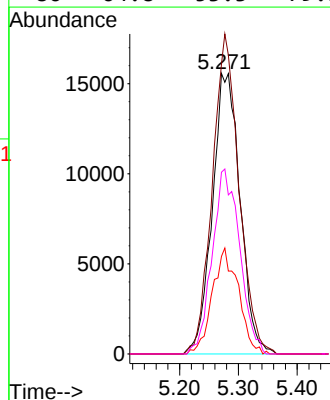
Manual Integrations
APPROVED

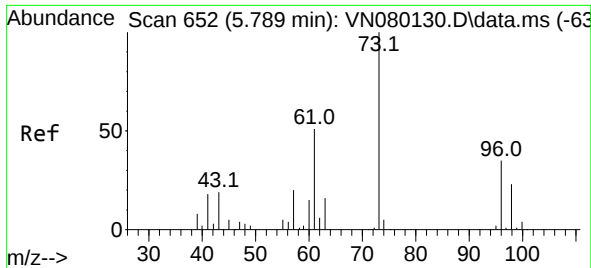
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#20
Methylene Chloride
Concen: 20.058 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

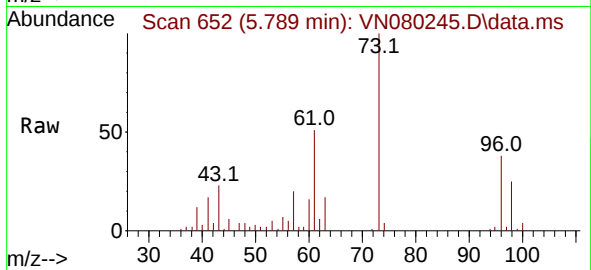
Tgt Ion: 84 Resp: 51093
Ion Ratio Lower Upper
84 100
49 103.3 79.7 119.5
51 34.8 25.2 37.8
86 64.8 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 17.935 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

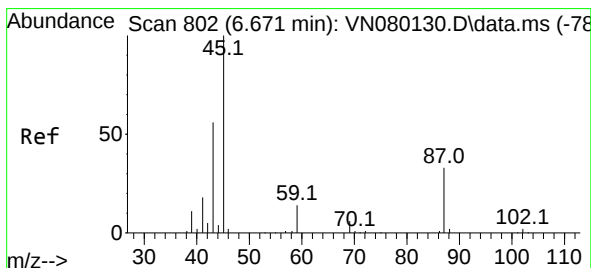
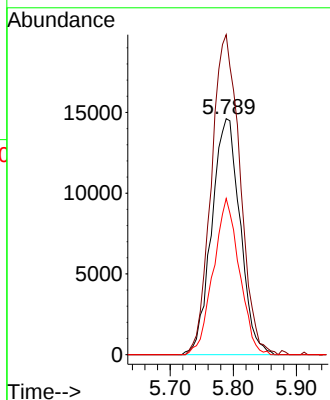
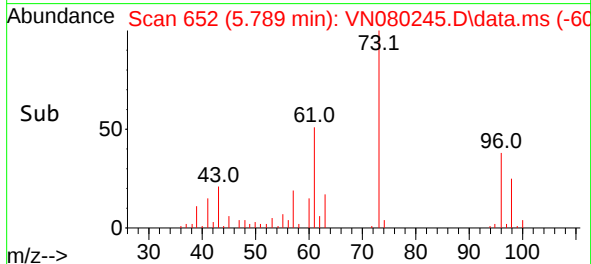
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01



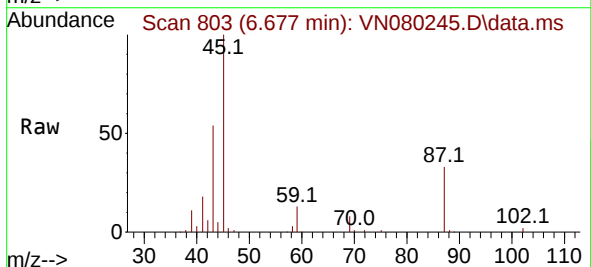
Tgt Ion: 96 Resp: 45679
Ion Ratio Lower Upper
96 100
61 135.6 90.1 135.1
98 66.2 46.4 69.6

Manual Integrations
APPROVED

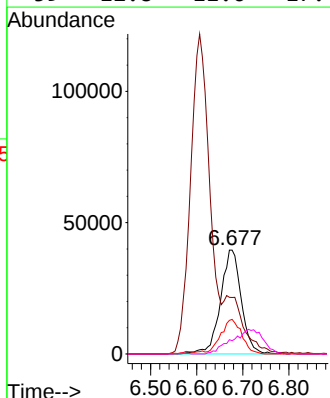
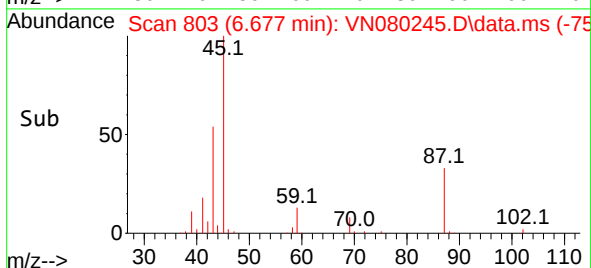
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

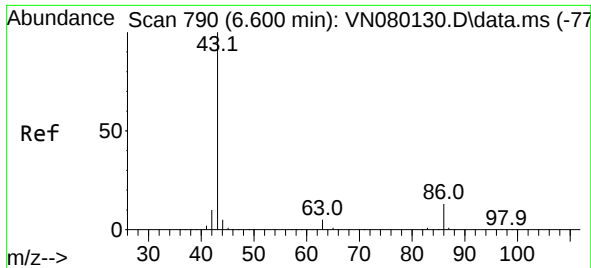


#22
Diisopropyl ether
Concen: 19.219 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06



Tgt Ion: 45 Resp: 124014
Ion Ratio Lower Upper
45 100
43 52.6 45.5 68.3
87 33.3 31.8 47.8
59 12.8 11.6 17.4





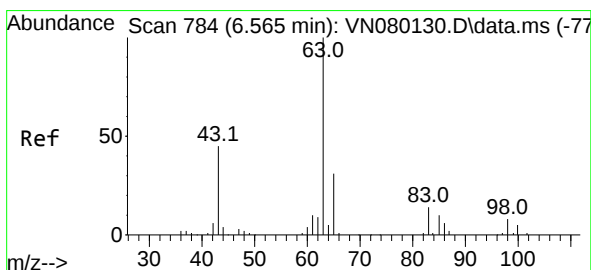
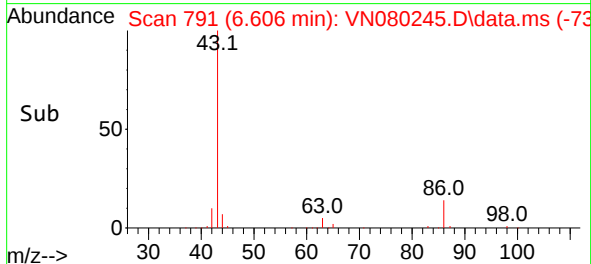
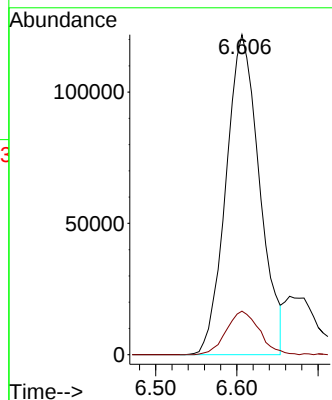
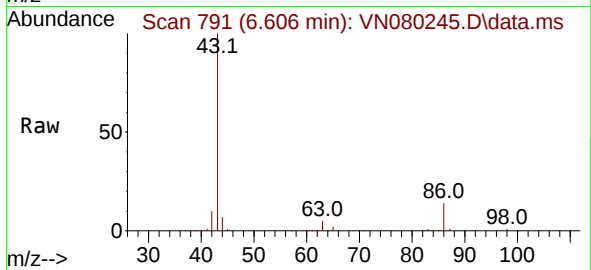
#23
 Vinyl Acetate
 Concen: 90.290 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080245.D
 Acq: 22 Nov 2023 14:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122MBSD01

Tgt Ion: 43 Resp: 350264
 Ion Ratio Lower Upper
 43 100
 86 13.6 13.0 19.6

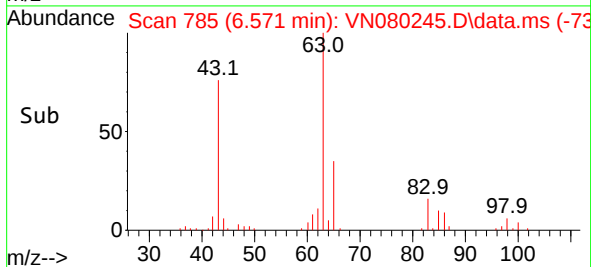
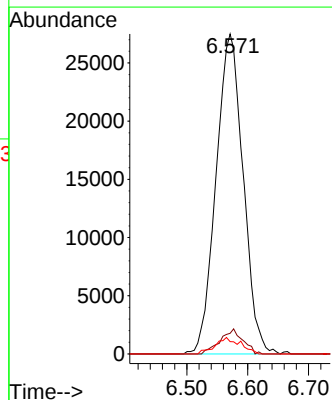
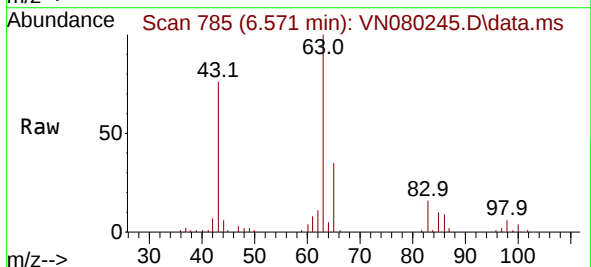
Manual Integrations
 APPROVED

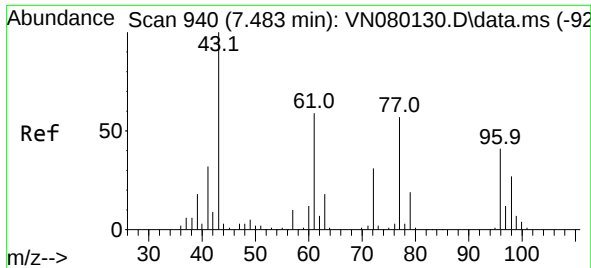
Reviewed By :John Carlone 11/24/2023
 Supervised By :Mahesh Dadoda 11/24/2023



#24
 1,1-Dichloroethane
 Concen: 18.111 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080245.D
 Acq: 22 Nov 2023 14:06

Tgt Ion: 63 Resp: 85120
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.9 11.7
 100 3.8 2.5 7.4





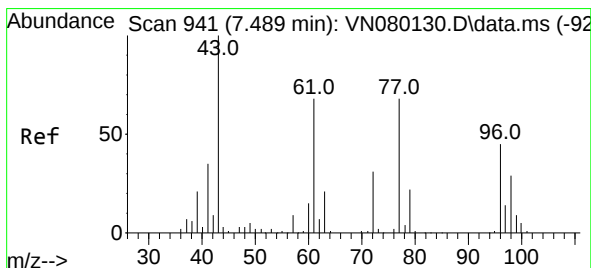
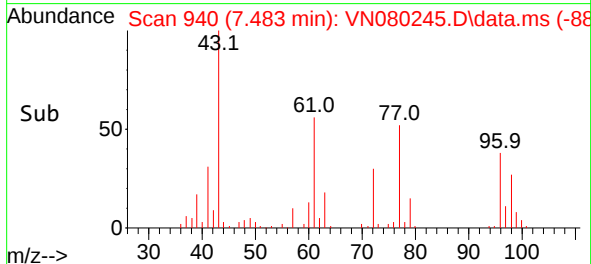
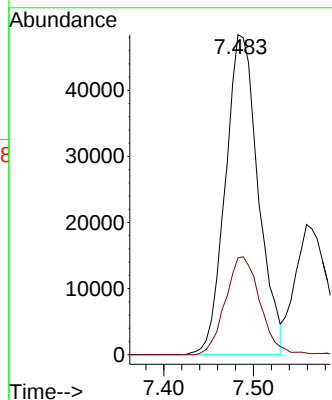
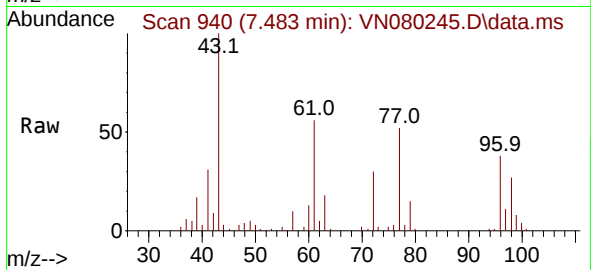
#25
2-Butanone
Concen: 85.130 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01

Tgt Ion: 43 Resp: 123029
Ion Ratio Lower Upper
43 100
72 30.3 30.2 45.2

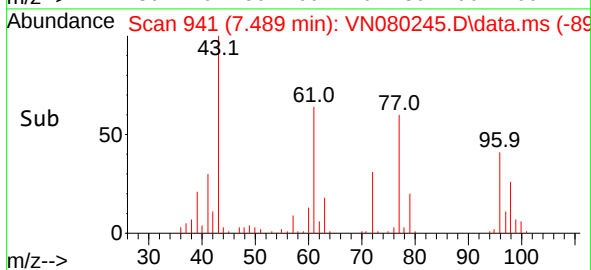
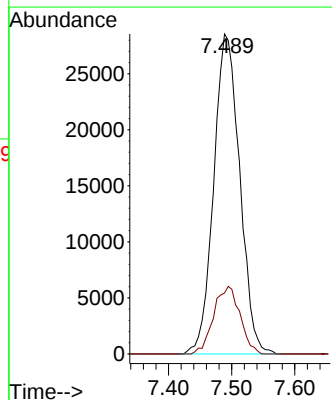
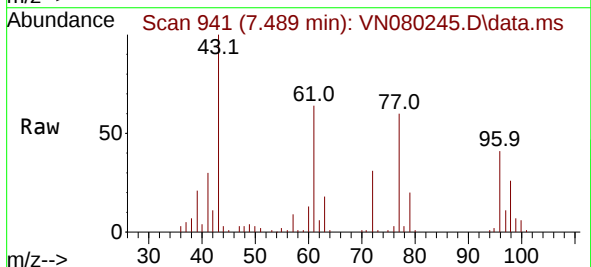
Manual Integrations
APPROVED

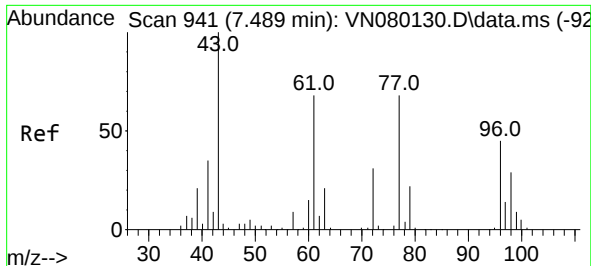
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#26
2,2-Dichloropropane
Concen: 17.503 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

Tgt Ion: 77 Resp: 81611
Ion Ratio Lower Upper
77 100
97 21.4 11.2 33.6





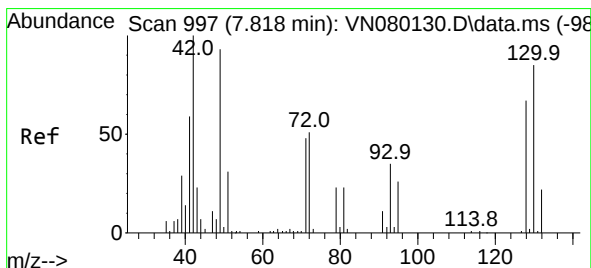
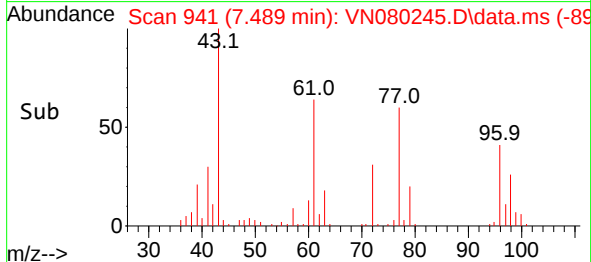
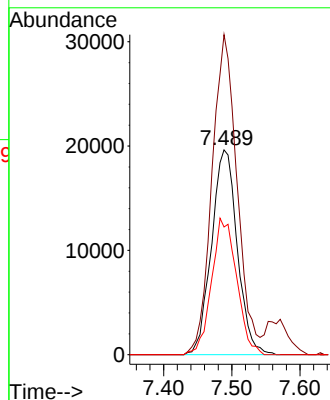
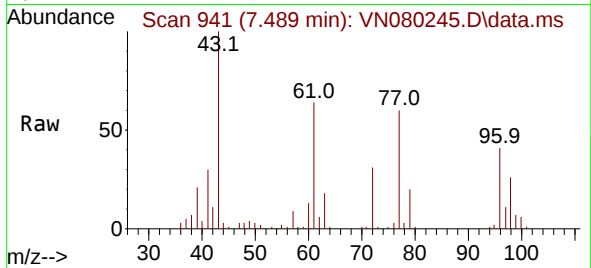
#27
 cis-1,2-Dichloroethene
 Concen: 17.884 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN080245.D
 Acq: 22 Nov 2023 14:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122MBSD01

Tgt Ion: 96 Resp: 51630
 Ion Ratio Lower Upper
 96 100
 61 152.3 0.0 255.2
 98 64.9 0.0 128.8

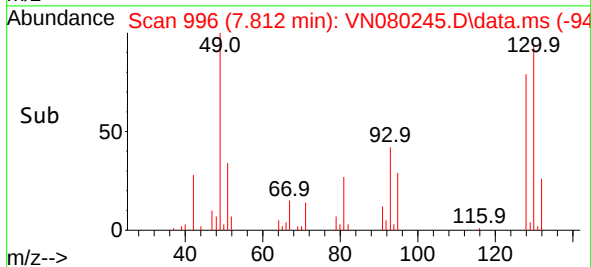
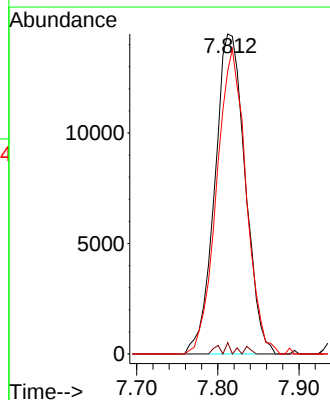
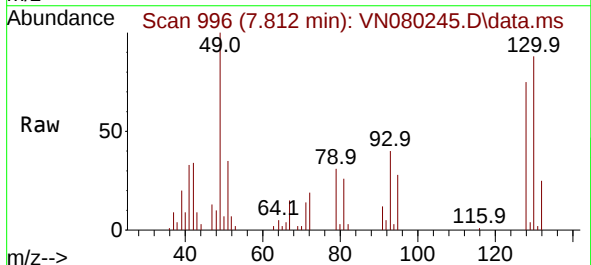
Manual Integrations
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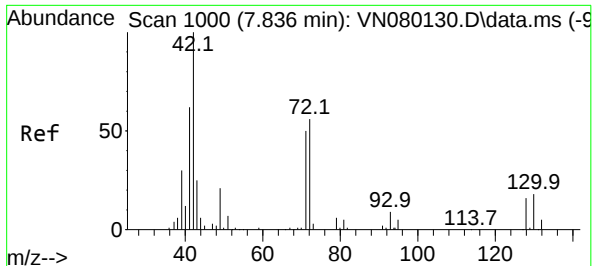
Reviewed By :John Carlone 11/24/2023
 Supervised By :Mahesh Dadoda 11/24/2023



#28
 Bromochloromethane
 Concen: 20.397 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080245.D
 Acq: 22 Nov 2023 14:06

Tgt Ion: 49 Resp: 37686
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 4.8
 130 92.1 75.3 112.9





#29

Tetrahydrofuran

Concen: 100.394 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN080245.D

Acq: 22 Nov 2023 14:06

Instrument :

MSVOA_N

ClientSampleId :

VN1122MBSD01

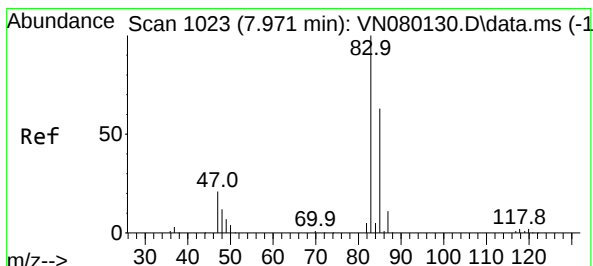
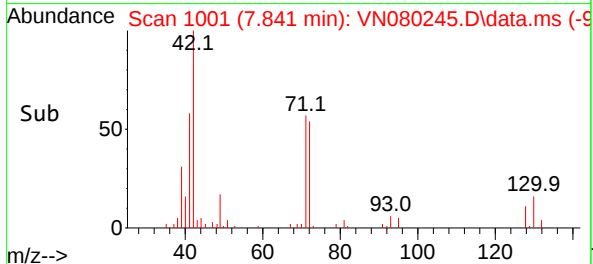
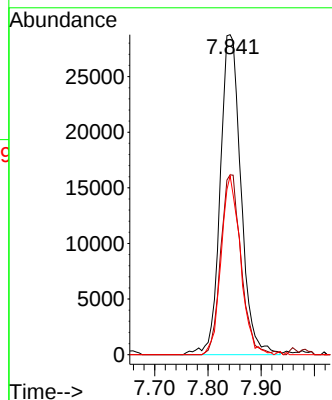
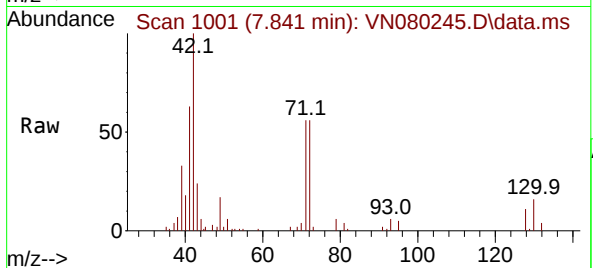
Tgt Ion:	42	Resp:	77894
Ion	Ratio	Lower	Upper
42	100		
72	55.2	49.8	74.6
71	52.1	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#30

Chloroform

Concen: 19.585 ug/l

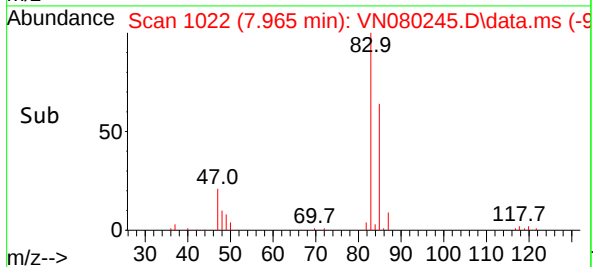
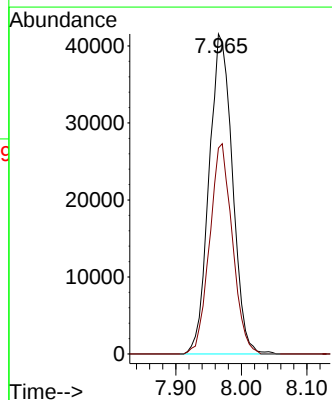
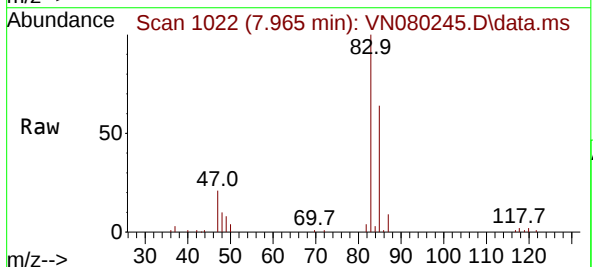
RT: 7.965 min Scan# 1022

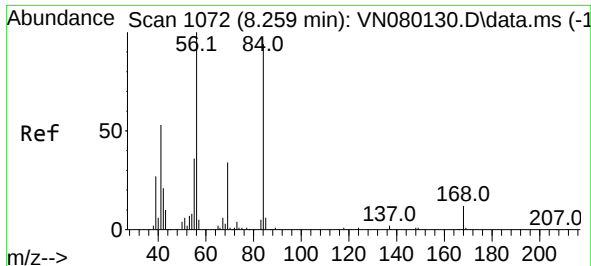
Delta R.T. -0.006 min

Lab File: VN080245.D

Acq: 22 Nov 2023 14:06

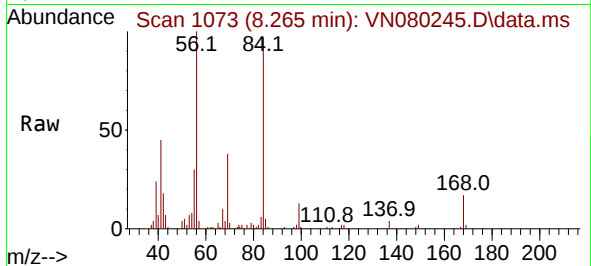
Tgt Ion:	83	Resp:	102883
Ion	Ratio	Lower	Upper
83	100		
85	64.4	55.4	83.0





#31
Cyclohexane
Concen: 16.342 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.006 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

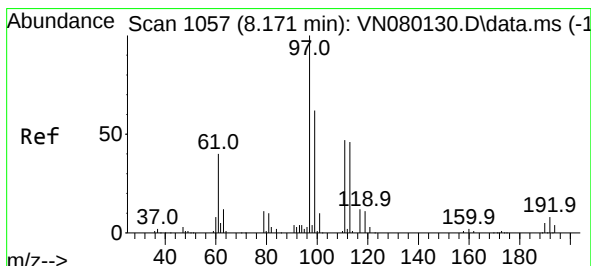
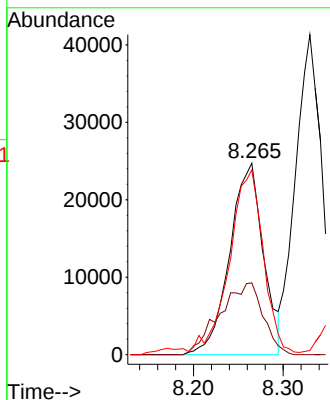
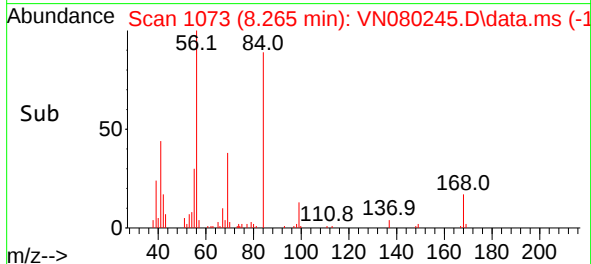
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01



Tgt Ion: 56 Resp: 6436
Ion Ratio Lower Upper
56 100
69 37.5 26.8 40.2
84 93.7 81.8 122.6

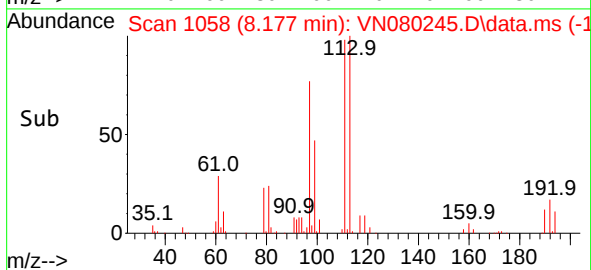
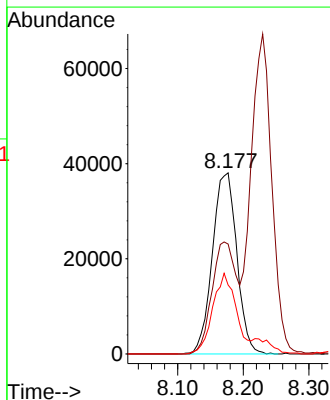
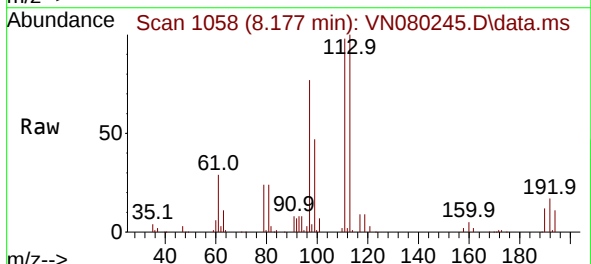
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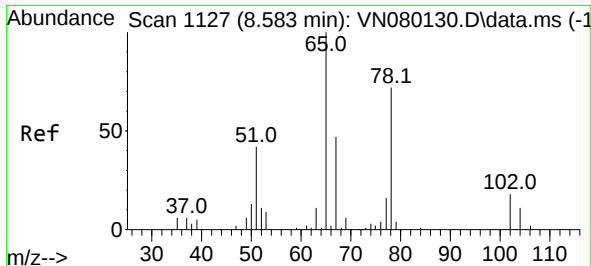
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#32
1,1,1-Trichloroethane
Concen: 19.195 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

Tgt Ion: 97 Resp: 98331
Ion Ratio Lower Upper
97 100
99 61.6 50.3 75.5
61 43.0 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.692 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080245.D

Acq: 22 Nov 2023 14:06

Instrument :

MSVOA_N

ClientSampleId :

VN1122MBSD01

Tgt Ion: 65 Resp: 183580

Ion Ratio Lower Upper

65 100

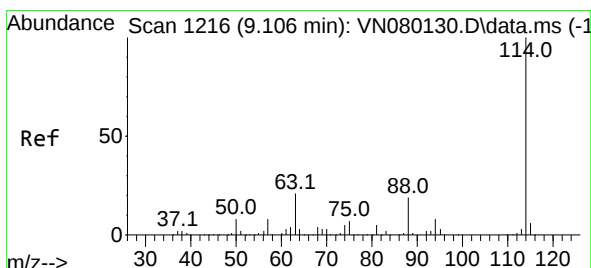
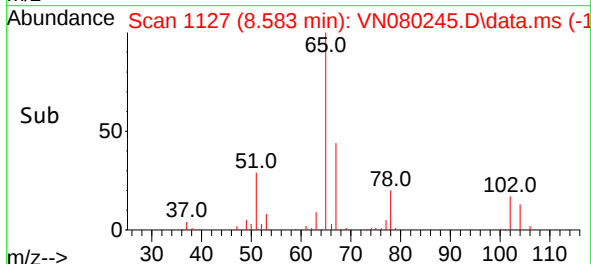
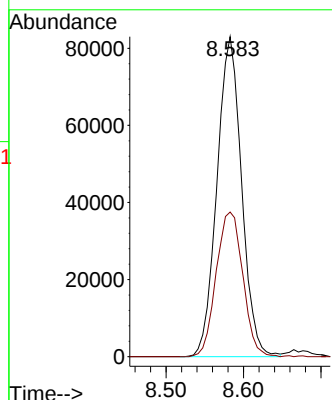
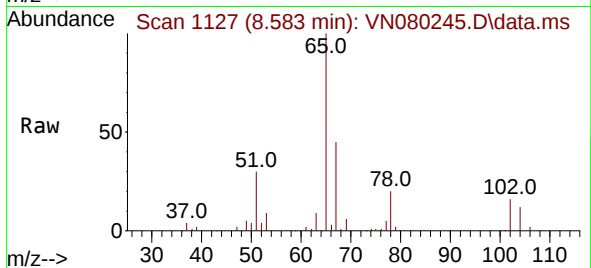
67 48.7 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN080245.D

Acq: 22 Nov 2023 14:06

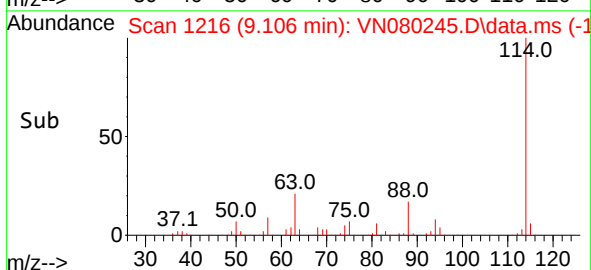
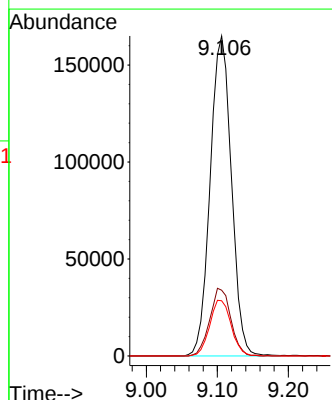
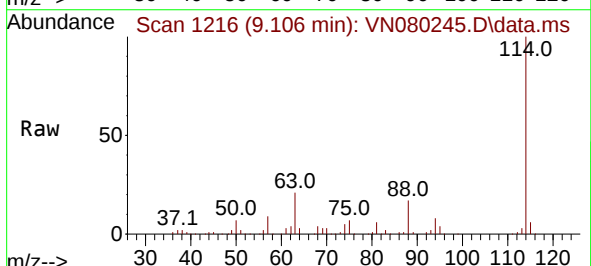
Tgt Ion:114 Resp: 342123

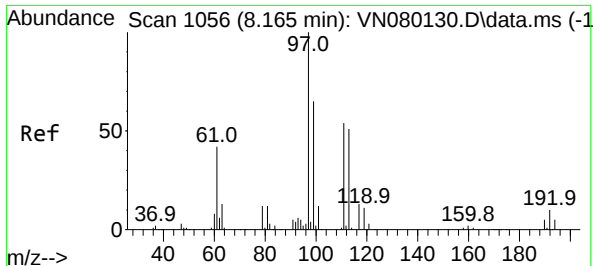
Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.4

88 17.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.634 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN080245.D

Acq: 22 Nov 2023 14:06

Instrument :

MSVOA_N

ClientSampleId :

VN1122MBSD01

Tgt Ion:113 Resp: 13034

Ion Ratio Lower Upper

113 100

111 102.8 82.6 123.8

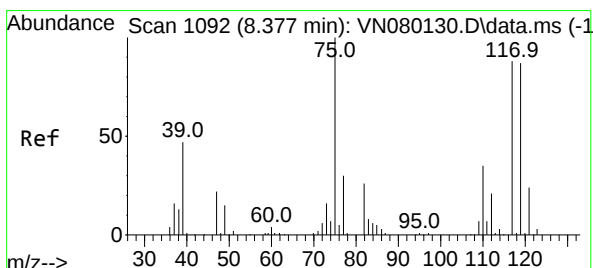
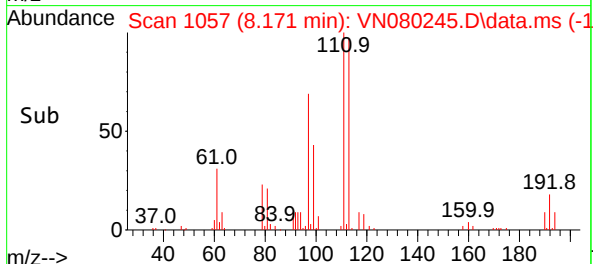
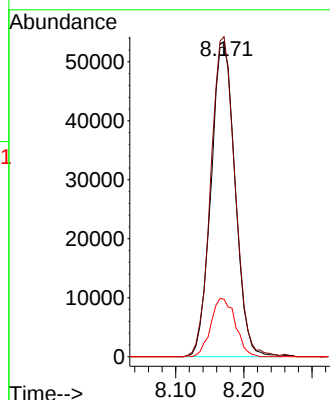
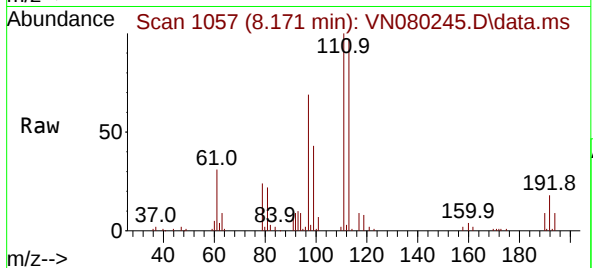
192 19.0 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#36

1,1-Dichloropropene

Concen: 18.216 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VN080245.D

Acq: 22 Nov 2023 14:06

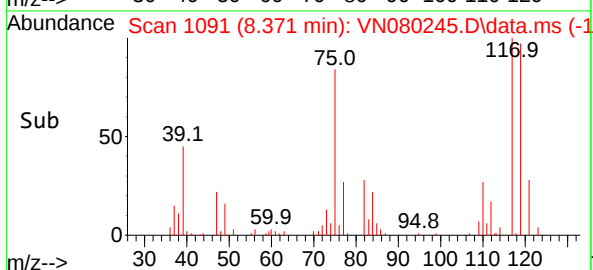
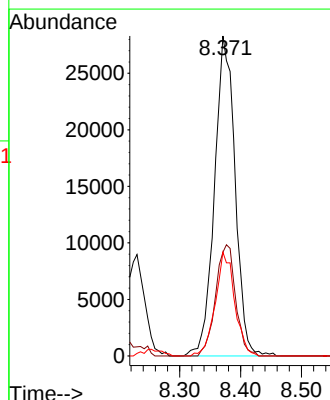
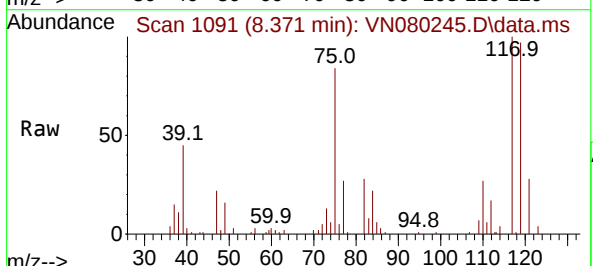
Tgt Ion: 75 Resp: 66578

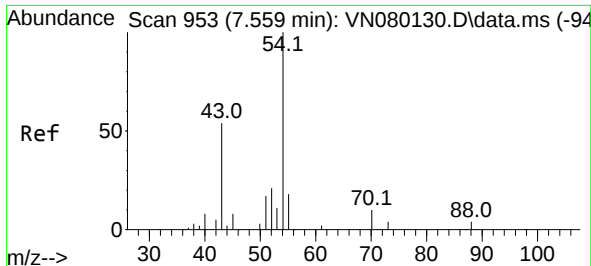
Ion Ratio Lower Upper

75 100

110 33.7 19.1 57.3

77 30.6 25.0 37.4





#37

Ethyl Acetate

Concen: 19.984 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN080245.D

Acq: 22 Nov 2023 14:06

Instrument :

MSVOA_N

ClientSampleId :

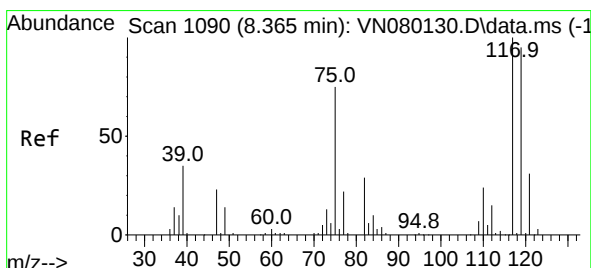
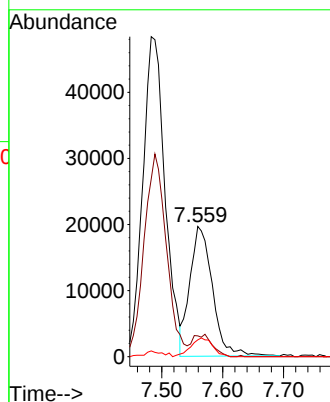
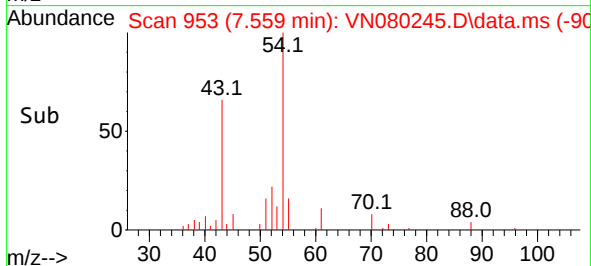
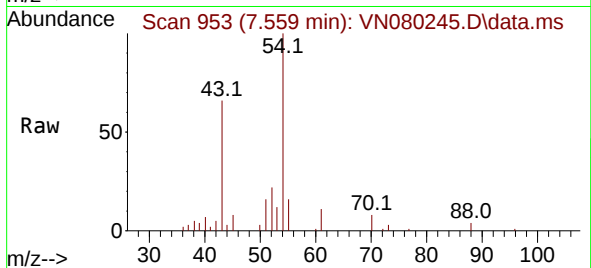
VN1122MBSD01

Tgt Ion: 43 Resp: 5066

Ion	Ratio	Lower	Upper
43	100		
61	15.1	13.2	19.8
70	14.0	11.3	16.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#38

Carbon Tetrachloride

Concen: 19.006 ug/l

RT: 8.365 min Scan# 1090

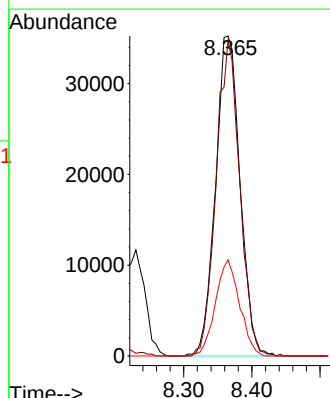
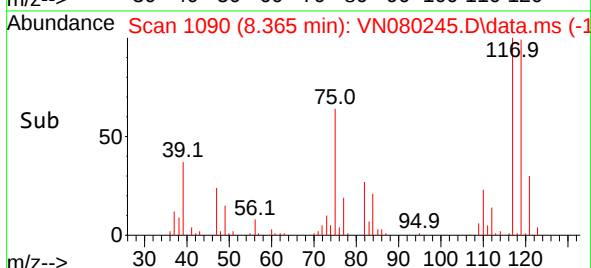
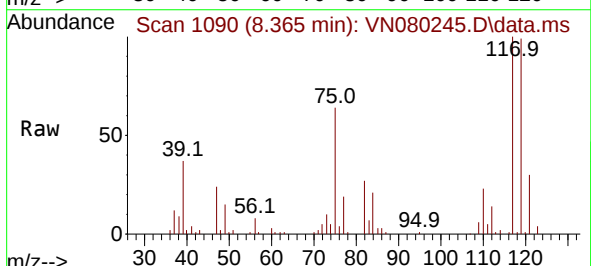
Delta R.T. -0.000 min

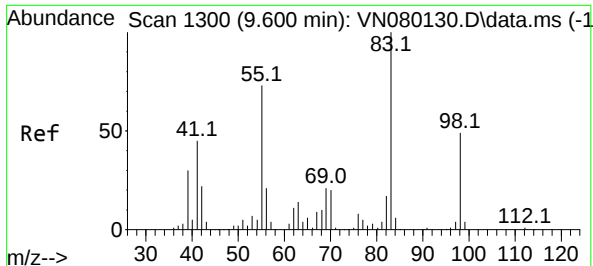
Lab File: VN080245.D

Acq: 22 Nov 2023 14:06

Tgt Ion:117 Resp: 88149

Ion	Ratio	Lower	Upper
117	100		
119	98.7	77.3	115.9
121	30.1	23.3	34.9





#39

Methylcyclohexane

Concen: 17.225 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN080245.D

Acq: 22 Nov 2023 14:06

Instrument :

MSVOA_N

ClientSampleId :

VN1122MBSD01

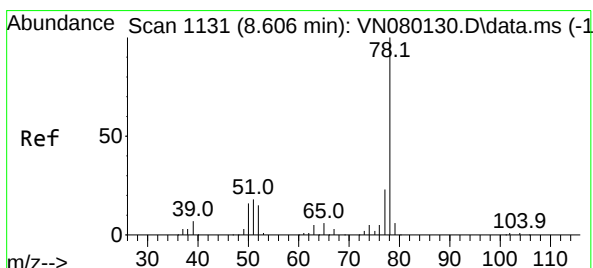
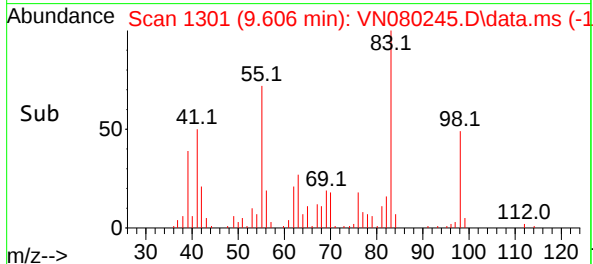
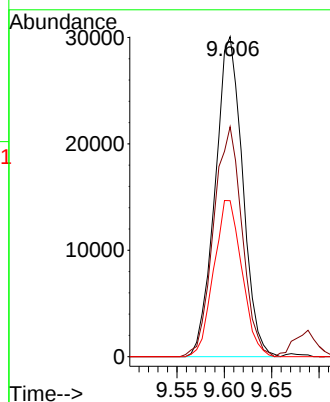
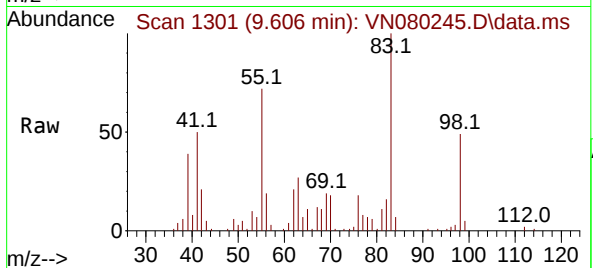
Tgt Ion: 83 Resp: 60700
 Ion Ratio Lower Upper
 83 100
 55 71.8 49.1 73.7
 98 48.8 40.6 61.0

Manual Integrations

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Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#40

Benzene

Concen: 18.748 ug/l

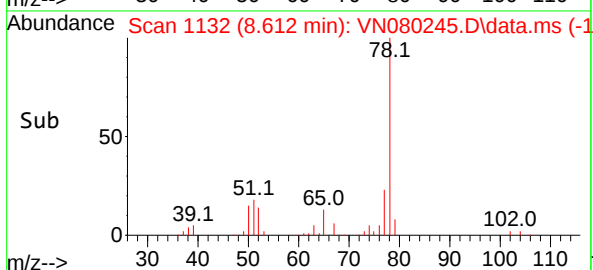
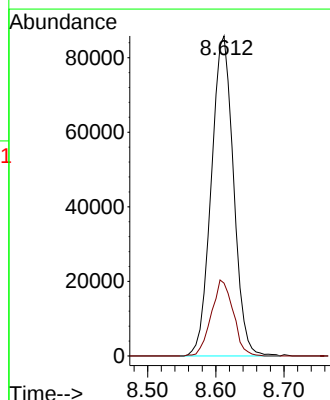
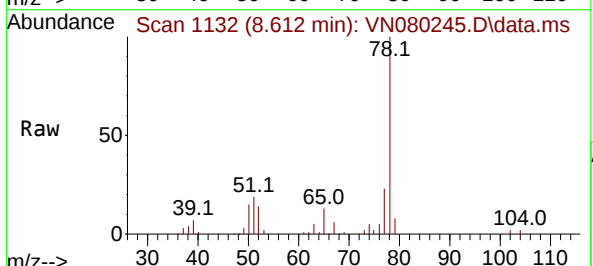
RT: 8.612 min Scan# 1132

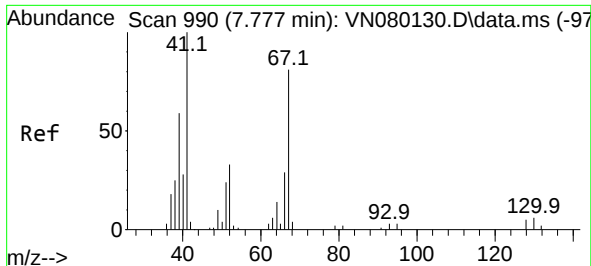
Delta R.T. 0.006 min

Lab File: VN080245.D

Acq: 22 Nov 2023 14:06

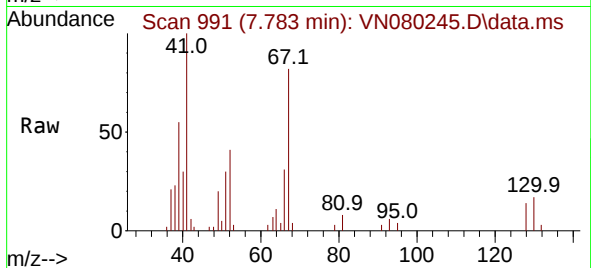
Tgt Ion: 78 Resp: 194748
 Ion Ratio Lower Upper
 78 100
 77 22.8 19.0 28.6





#41
Methacrylonitrile
Concen: 20.705 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

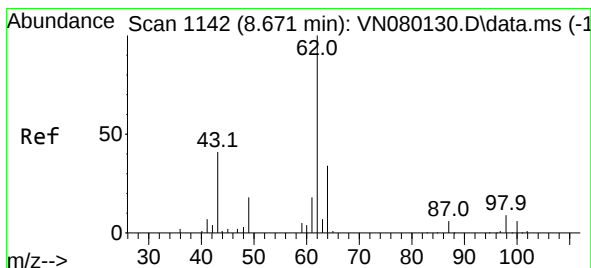
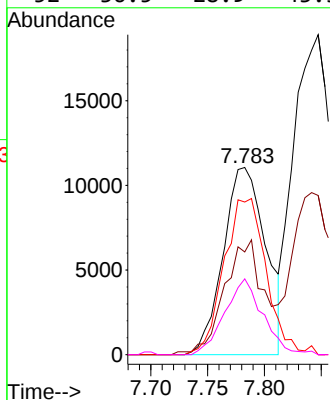
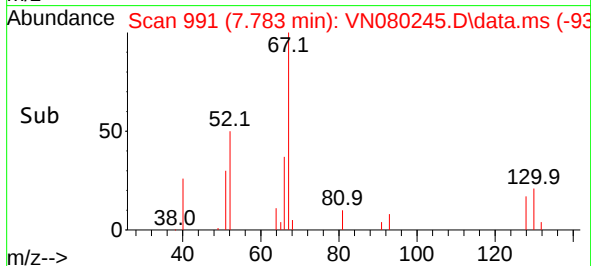
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01



Tgt Ion: 41 Resp: 28820
Ion Ratio Lower Upper
41 100
39 54.2 42.6 64.0
67 82.9 77.5 116.3
52 36.5 28.9 43.3

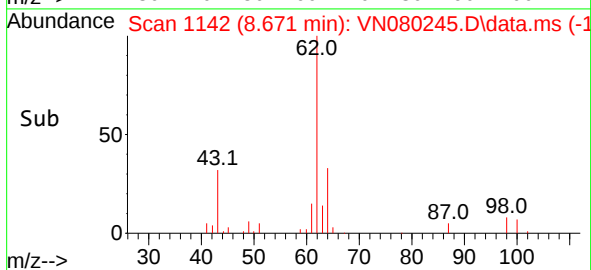
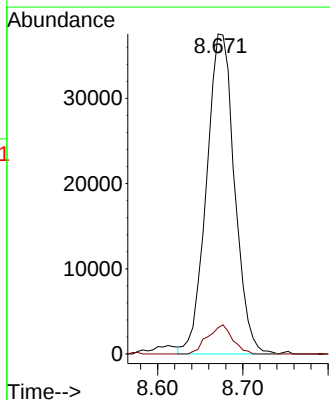
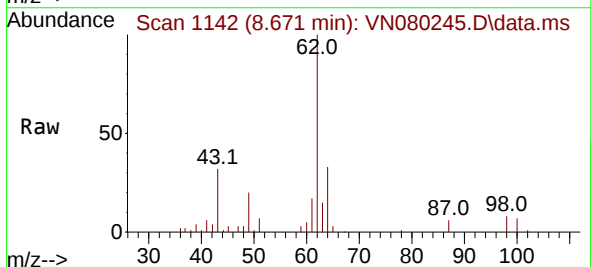
Manual Integrations
APPROVED

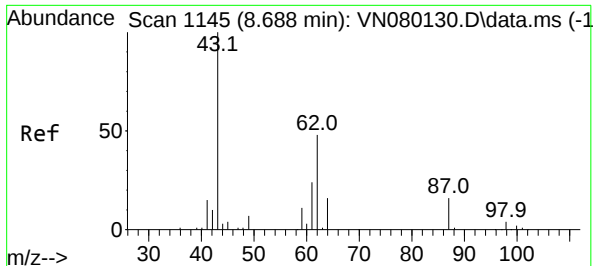
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#42
1,2-Dichloroethane
Concen: 20.193 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

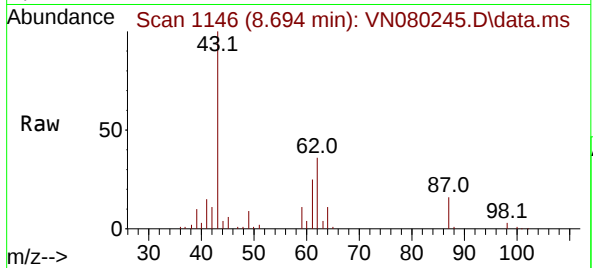
Tgt Ion: 62 Resp: 85815
Ion Ratio Lower Upper
62 100
98 8.1 0.0 19.8





#43
Isopropyl Acetate
Concen: 18.558 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

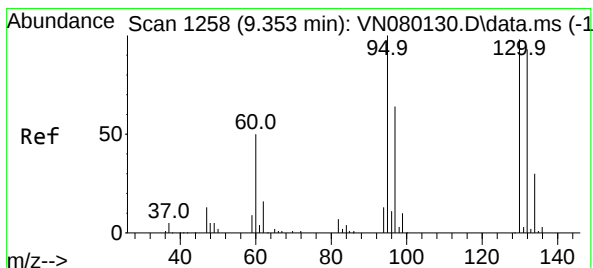
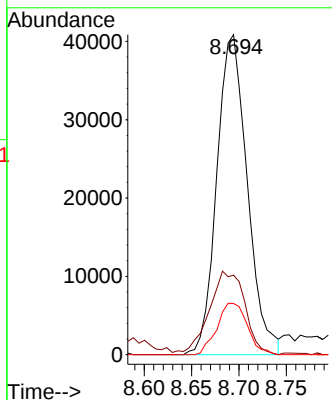
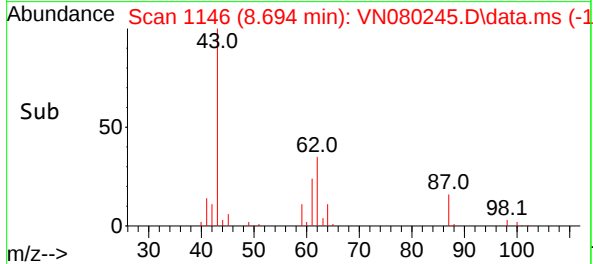
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01



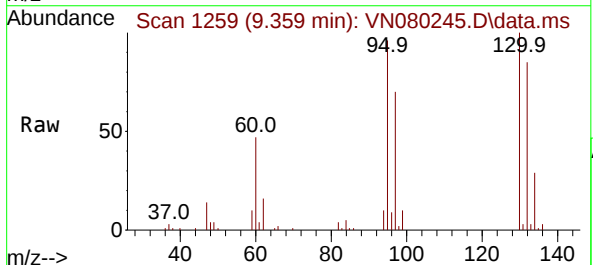
Tgt Ion: 43 Resp: 91552
Ion Ratio Lower Upper
43 100
61 30.2 24.7 37.1
87 16.0 14.6 21.8

Manual Integrations
APPROVED

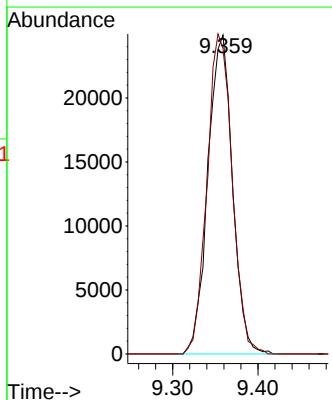
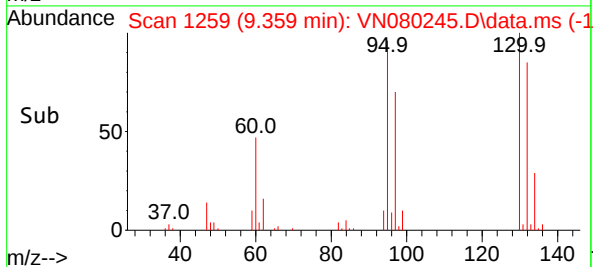
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

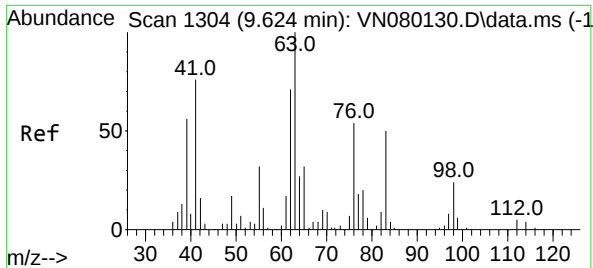


#44
Trichloroethene
Concen: 18.376 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06



Tgt Ion:130 Resp: 50071
Ion Ratio Lower Upper
130 100
95 95.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.059 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080245.D

Acq: 22 Nov 2023 14:06

Instrument :

MSVOA_N

ClientSampleId :

VN1122MBSD01

Tgt Ion: 63 Resp: 4600

Ion Ratio Lower Upper

63 100

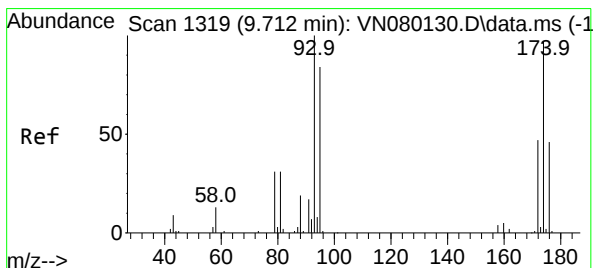
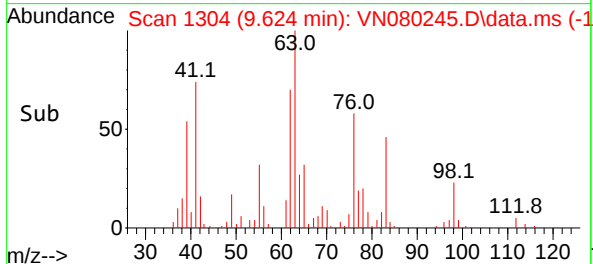
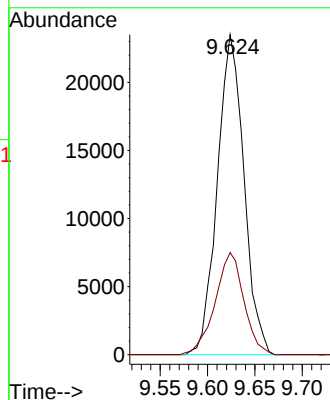
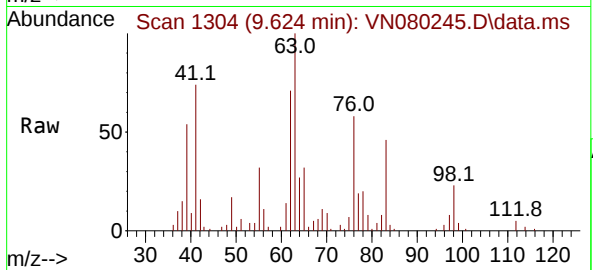
65 31.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#46

Dibromomethane

Concen: 19.948 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN080245.D

Acq: 22 Nov 2023 14:06

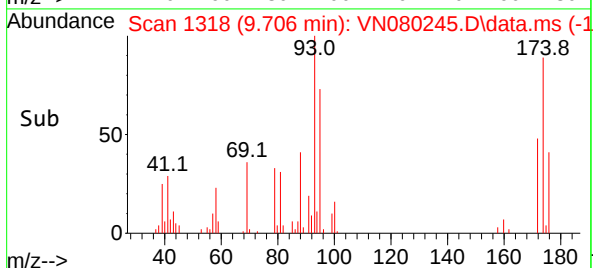
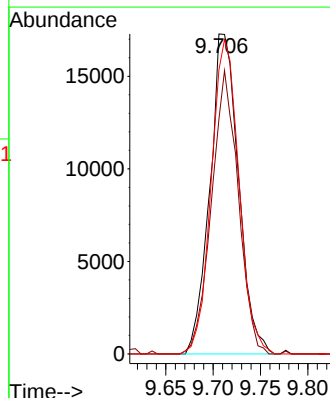
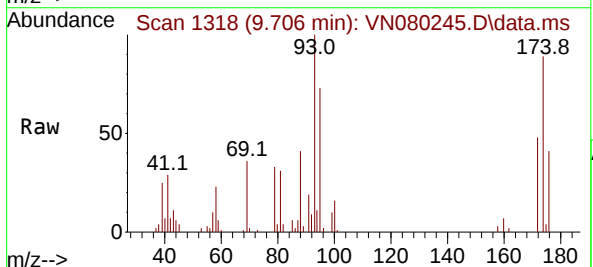
Tgt Ion: 93 Resp: 36451

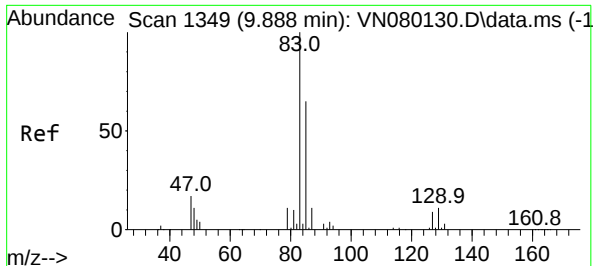
Ion Ratio Lower Upper

93 100

95 82.5 63.8 95.8

174 94.7 65.6 98.4





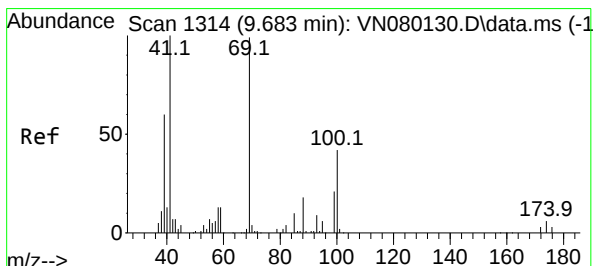
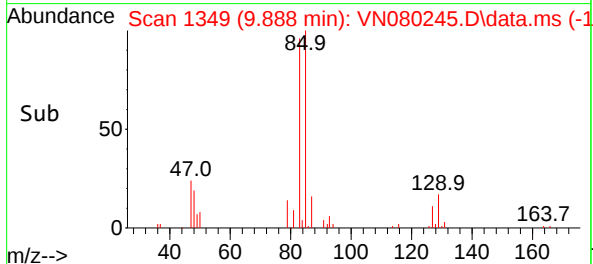
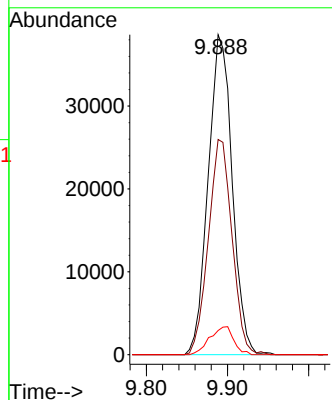
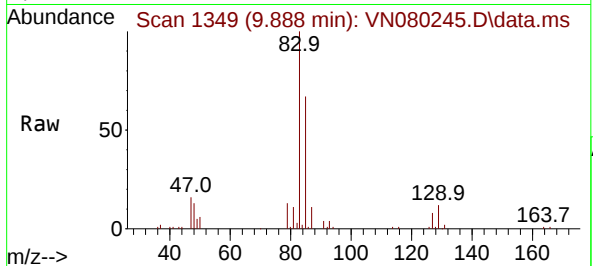
#47
Bromodichloromethane
Concen: 19.699 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01

Tgt Ion: 83 Resp: 7918
Ion Ratio Lower Upper
83 100
85 67.2 49.6 74.4
127 7.6 7.0 10.6

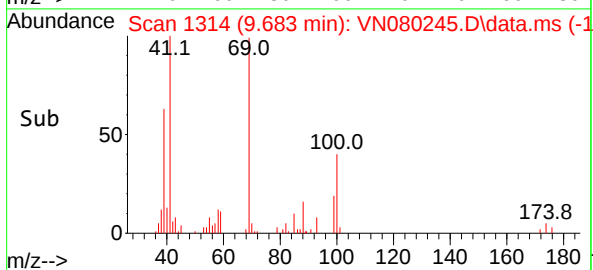
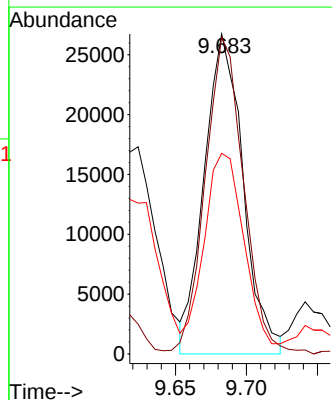
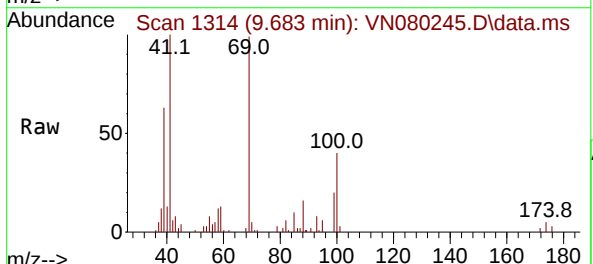
Manual Integrations
APPROVED

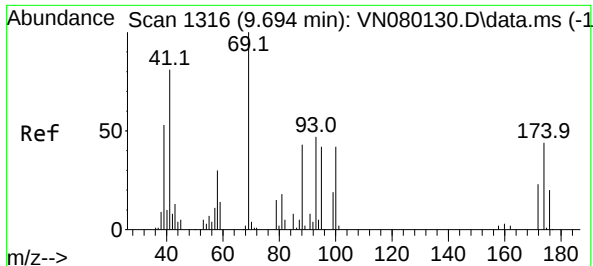
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#48
Methyl methacrylate
Concen: 20.017 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

Tgt Ion: 41 Resp: 50890
Ion Ratio Lower Upper
41 100
69 97.8 90.4 135.6
39 65.7 54.6 81.8





#49

1,4-Dioxane

Concen: 414.260 ug/l

RT: 9.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080245.D

Acq: 22 Nov 2023 14:06

Instrument :

MSVOA_N

ClientSampleId :

VN1122MBSD01

Tgt Ion: 88 Resp: 1752

Ion Ratio Lower Upper

88 100

43 31.1 17.0 25.6

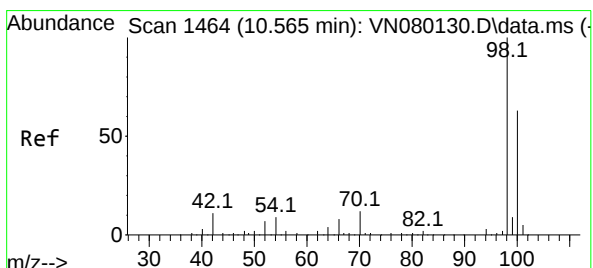
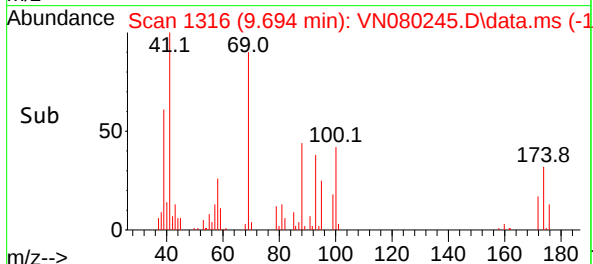
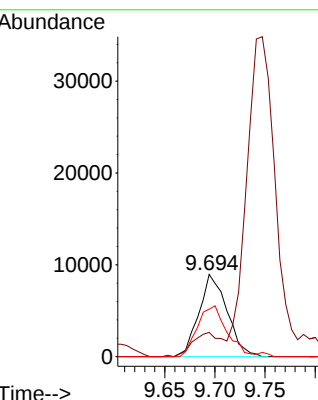
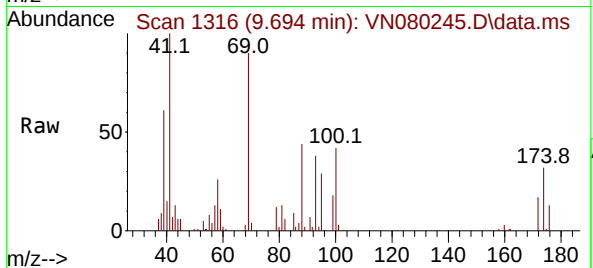
58 64.8 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#50

Toluene-d8

Concen: 50.676 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080245.D

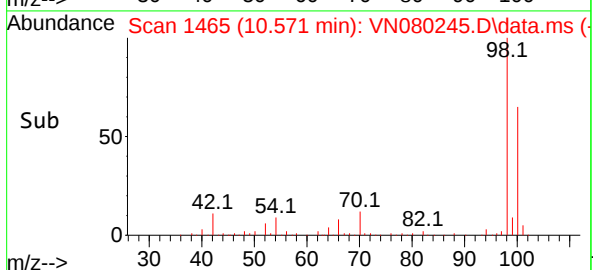
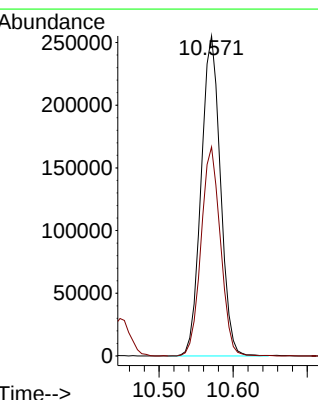
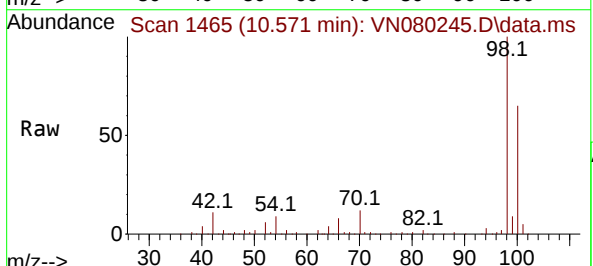
Acq: 22 Nov 2023 14:06

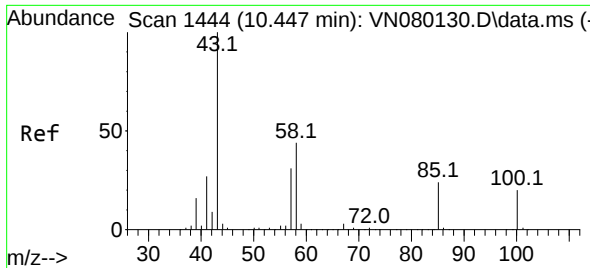
Tgt Ion: 98 Resp: 461153

Ion Ratio Lower Upper

98 100

100 65.5 52.0 78.0





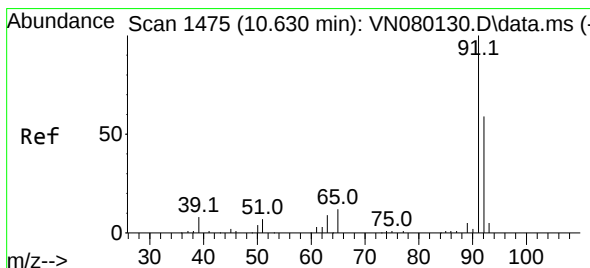
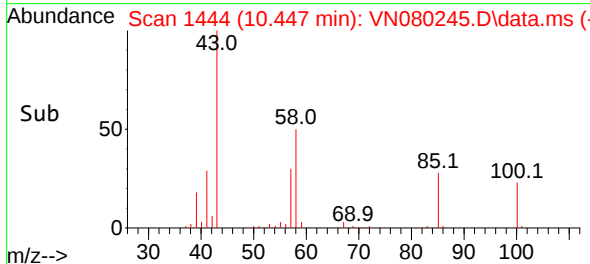
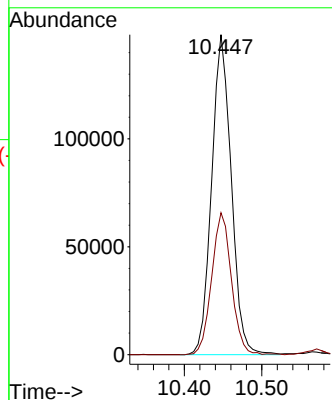
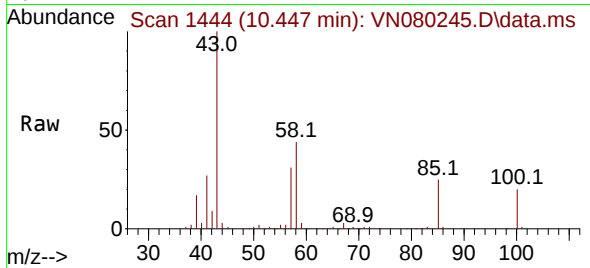
#51
4-Methyl-2-Pentanone
Concen: 102.156 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01

Tgt Ion: 43 Resp: 260917
Ion Ratio Lower Upper
43 100
58 44.6 36.6 54.8

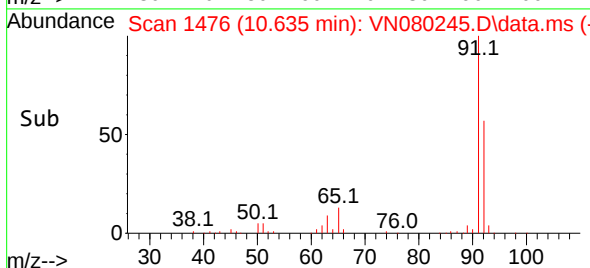
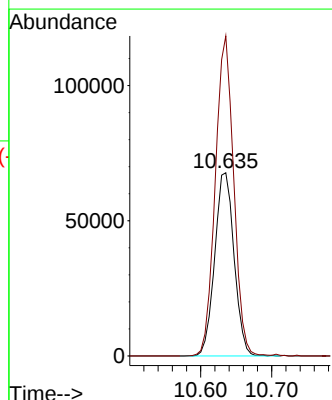
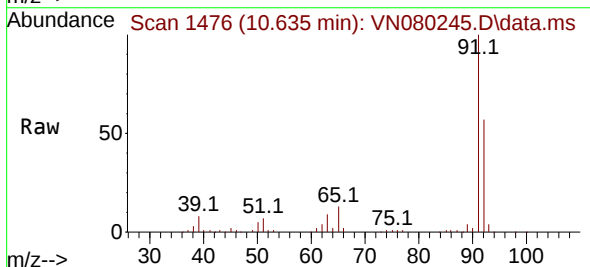
Manual Integrations
APPROVED

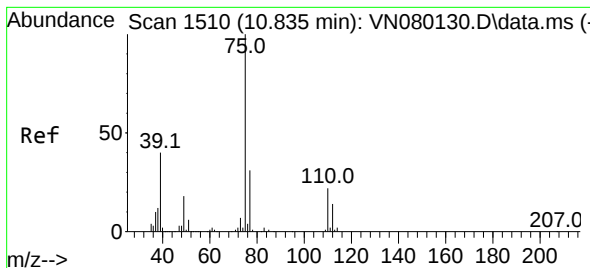
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#52
Toluene
Concen: 19.678 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

Tgt Ion: 92 Resp: 127924
Ion Ratio Lower Upper
92 100
91 166.1 137.4 206.0





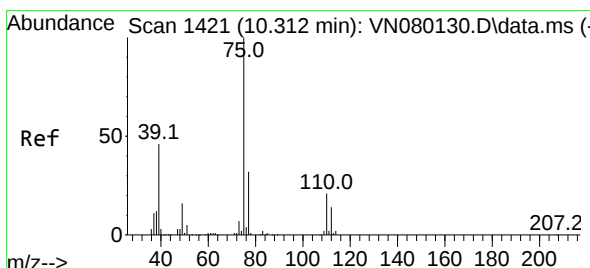
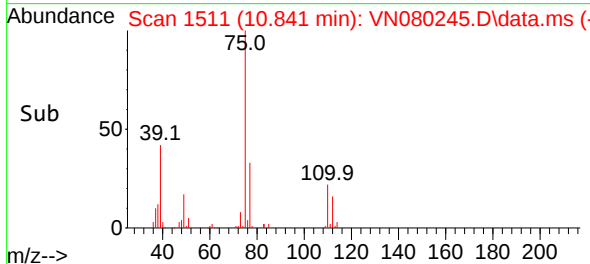
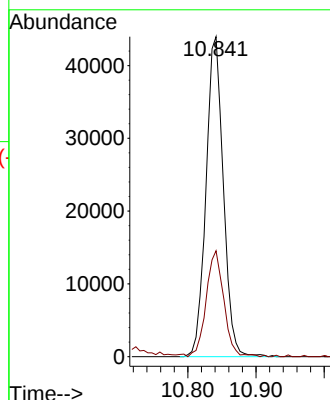
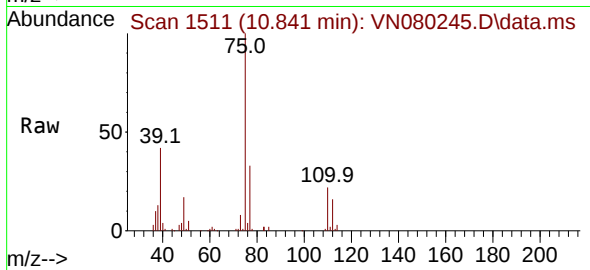
#53
t-1,3-Dichloropropene
Concen: 18.822 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01

Tgt Ion: 75 Resp: 7773
Ion Ratio Lower Upper
75 100
77 33.1 25.4 38.0

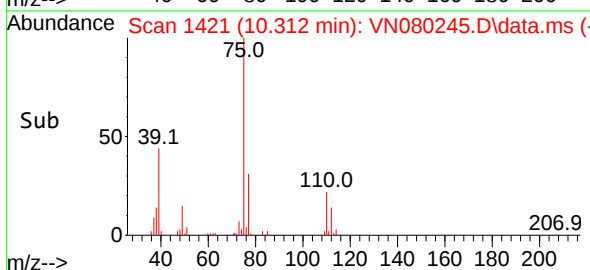
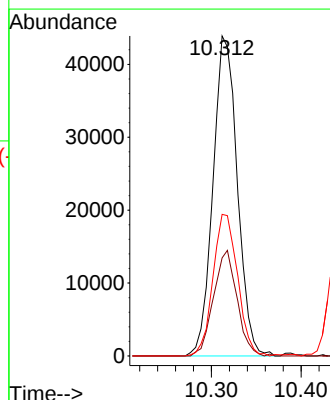
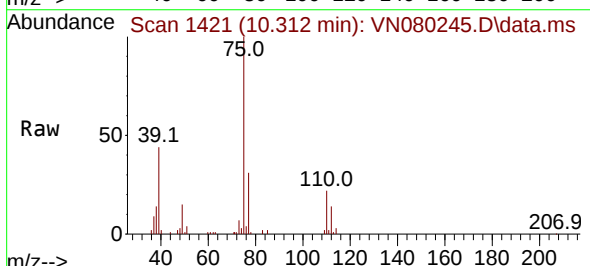
Manual Integrations
APPROVED

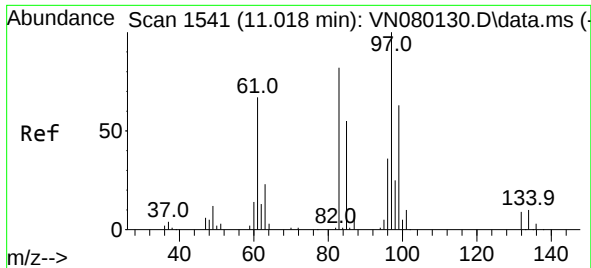
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#54
cis-1,3-Dichloropropene
Concen: 19.583 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

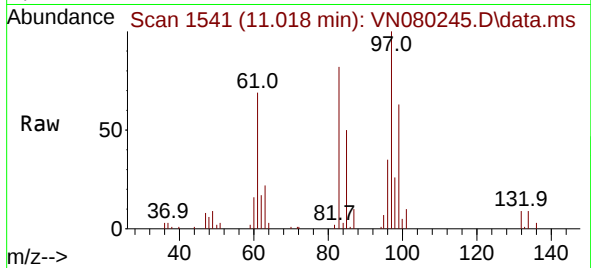
Tgt Ion: 75 Resp: 82624
Ion Ratio Lower Upper
75 100
77 30.6 26.1 39.1
39 44.3 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 19.654 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

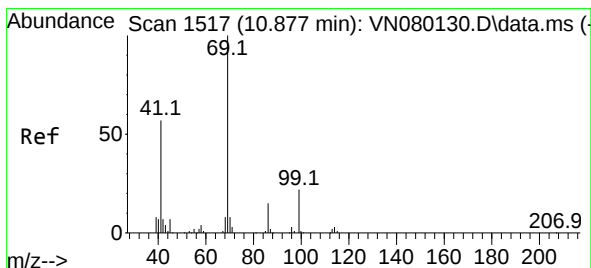
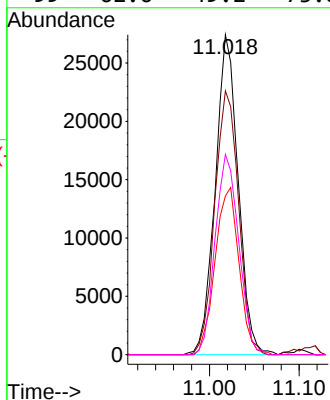
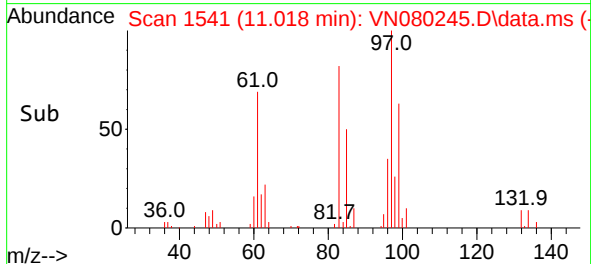
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01



Tgt Ion:	97	Resp:	48764
Ion Ratio	100	Lower	Upper
97	100		
83	82.5	65.1	97.7
85	49.6	43.4	65.2
99	62.6	49.2	73.8

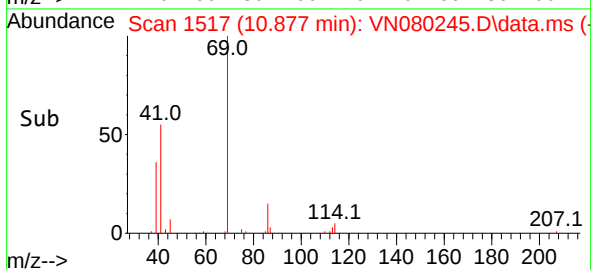
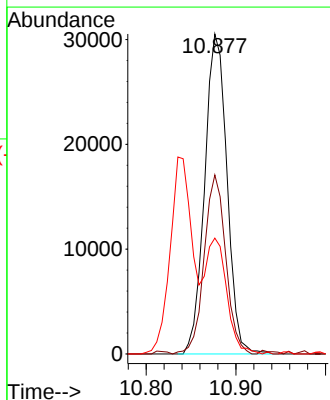
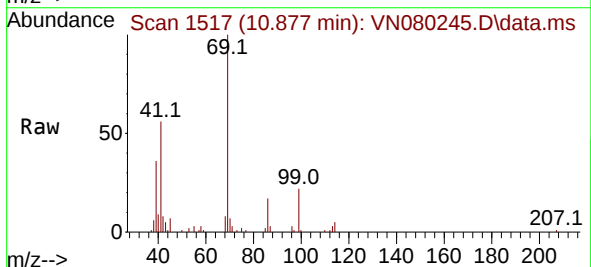
Manual Integrations
APPROVED

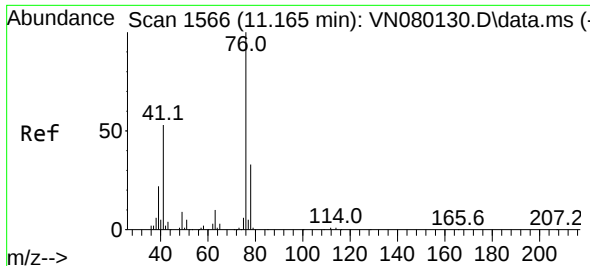
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#56
Ethyl methacrylate
Concen: 20.804 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

Tgt Ion:	69	Resp:	52733
Ion Ratio	100	Lower	Upper
69	100		
41	54.1	39.6	59.4
39	35.2	28.6	43.0





#57

1,3-Dichloropropane

Concen: 19.819 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080245.D

Acq: 22 Nov 2023 14:06

Instrument :

MSVOA_N

ClientSampleId :

VN1122MBSD01

Tgt Ion: 76 Resp: 8585

Ion Ratio Lower Upper

76 100

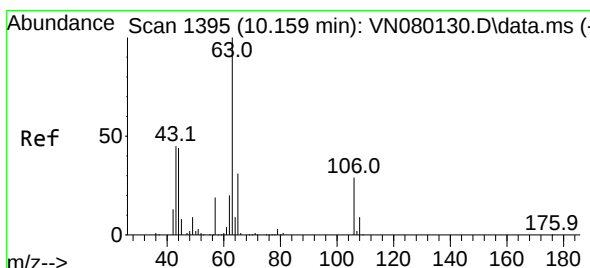
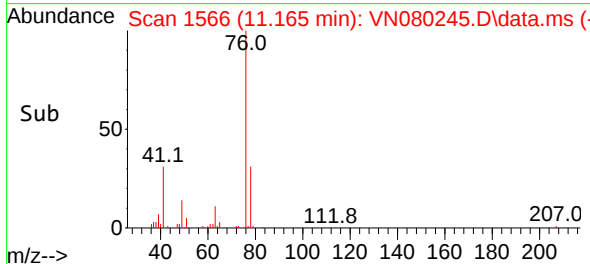
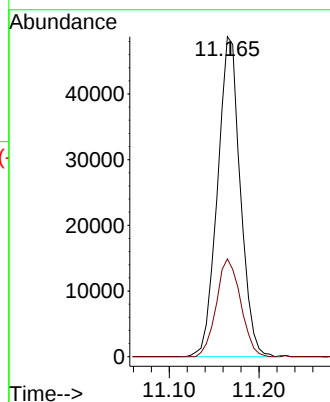
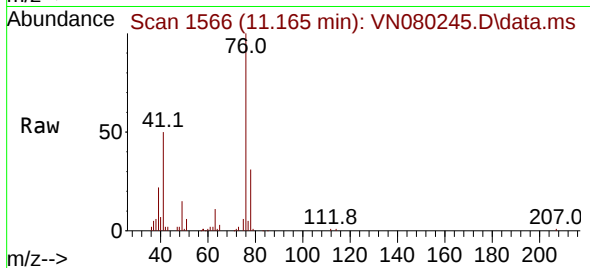
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#58

2-Chloroethyl Vinyl ether

Concen: 103.551 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN080245.D

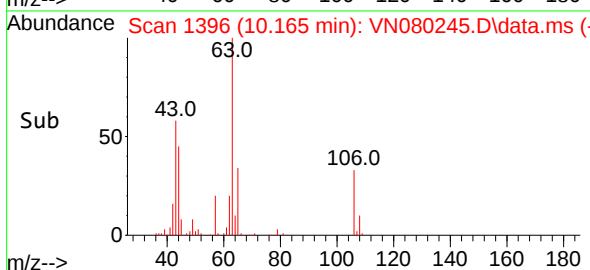
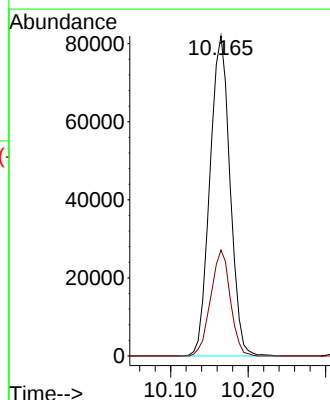
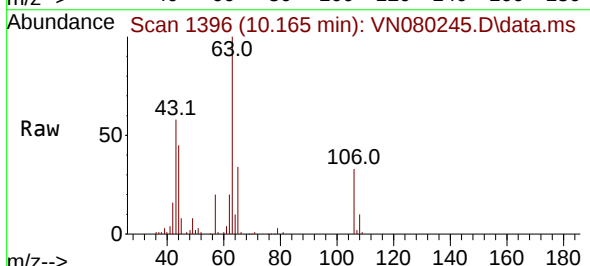
Acq: 22 Nov 2023 14:06

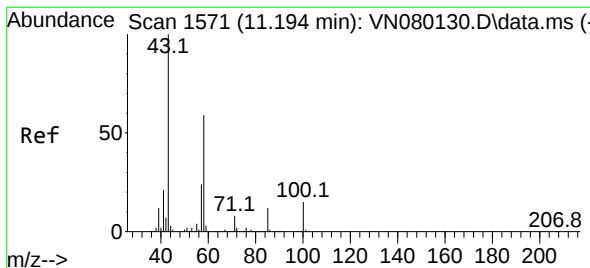
Tgt Ion: 63 Resp: 147868

Ion Ratio Lower Upper

63 100

106 32.3 26.2 39.4





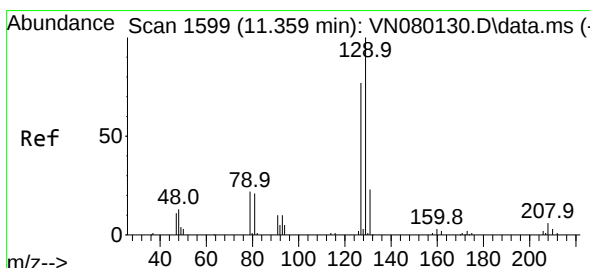
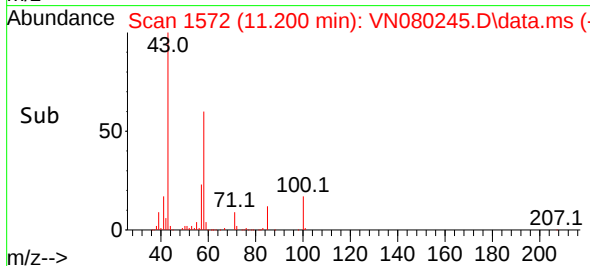
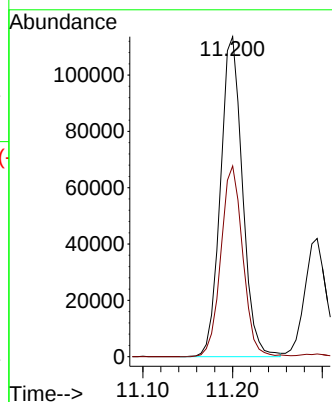
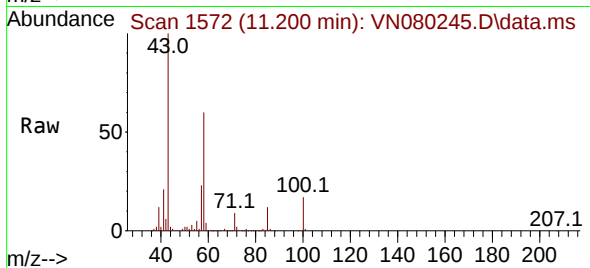
#59
2-Hexanone
Concen: 94.280 ug/l
RT: 11.200 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01

Tgt Ion: 43 Resp: 19349
Ion Ratio Lower Upper
43 100
58 59.3 31.7 95.1

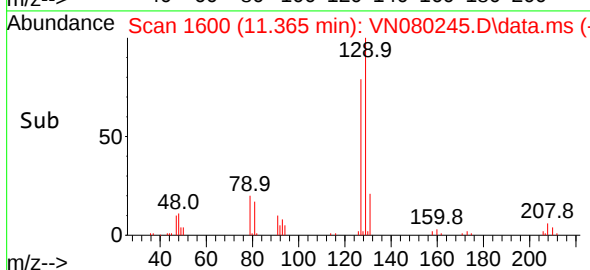
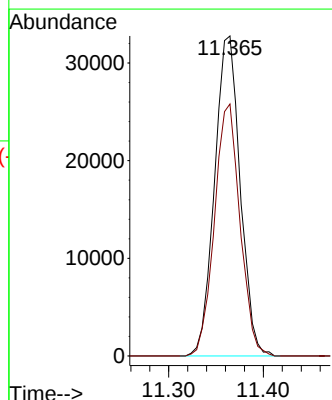
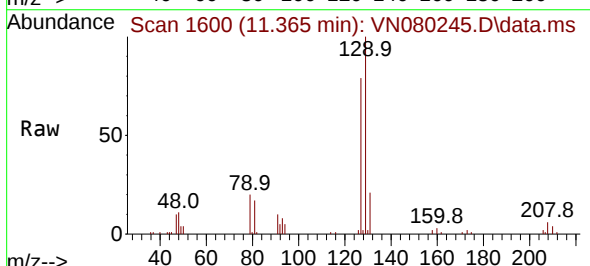
Manual Integrations
APPROVED

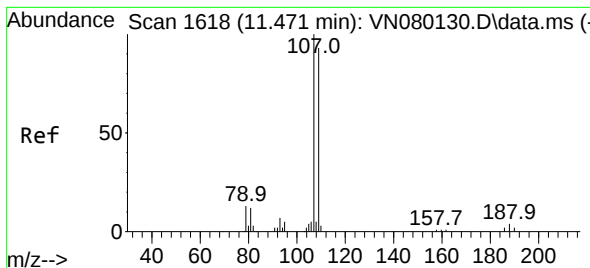
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#60
Dibromochloromethane
Concen: 20.751 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

Tgt Ion:129 Resp: 61641
Ion Ratio Lower Upper
129 100
127 78.4 38.6 116.0





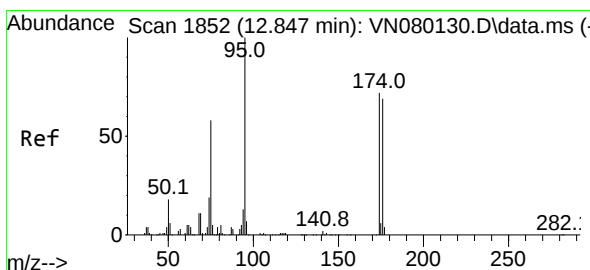
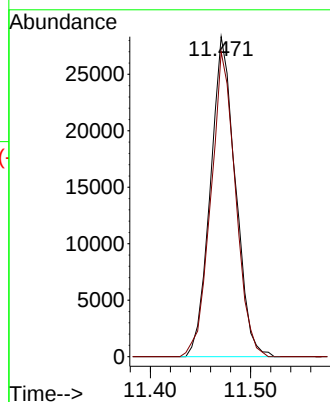
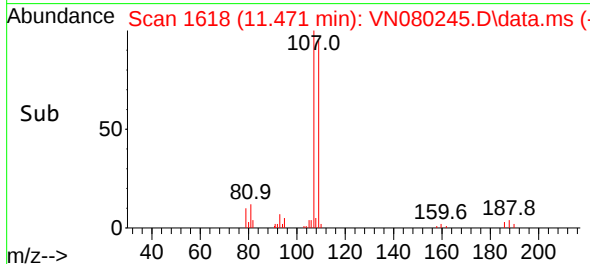
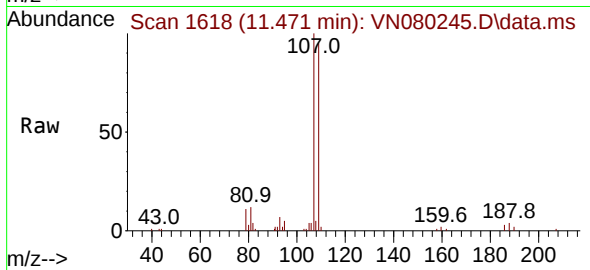
#61
1,2-Dibromoethane
Concen: 19.424 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01

Tgt Ion:107 Resp: 4916
Ion Ratio Lower Upper
107 100
109 93.6 76.6 114.8

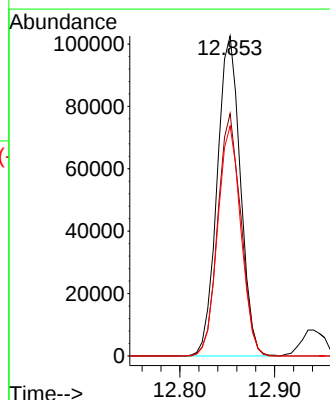
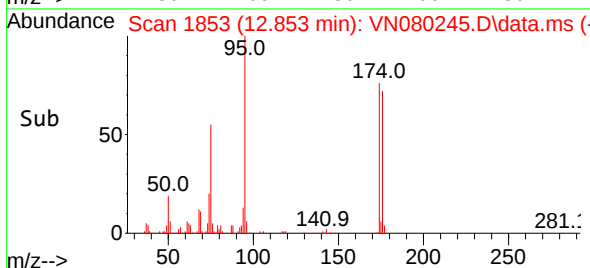
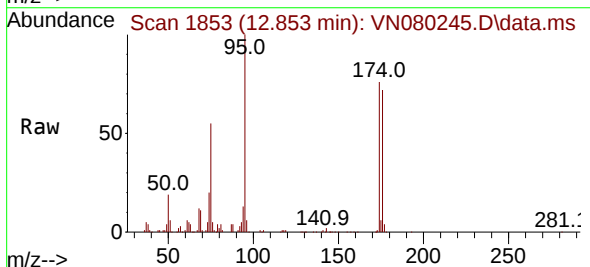
Manual Integrations
APPROVED

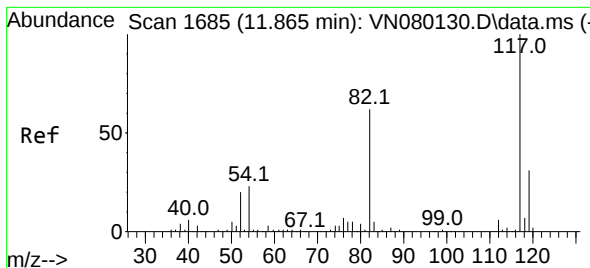
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#62
4-Bromofluorobenzene
Concen: 50.882 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

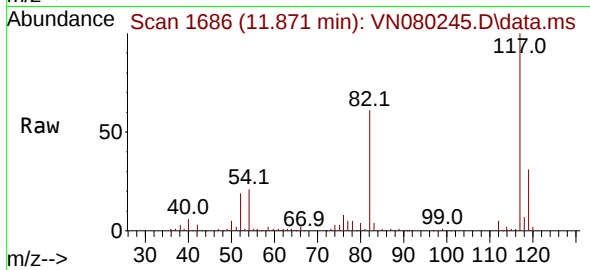
Tgt Ion: 95 Resp: 174894
Ion Ratio Lower Upper
95 100
174 75.2 0.0 143.8
176 71.8 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

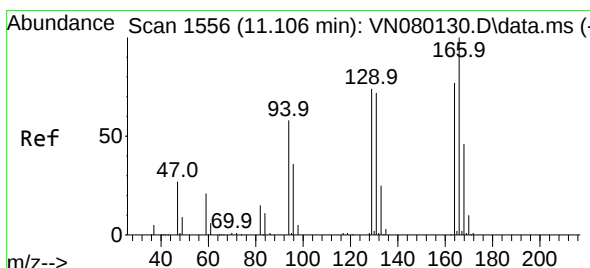
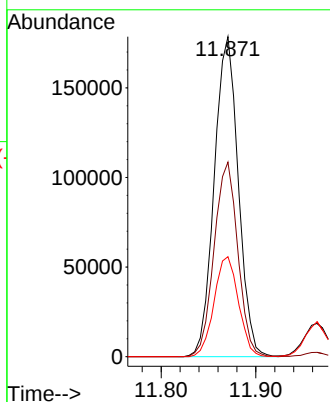
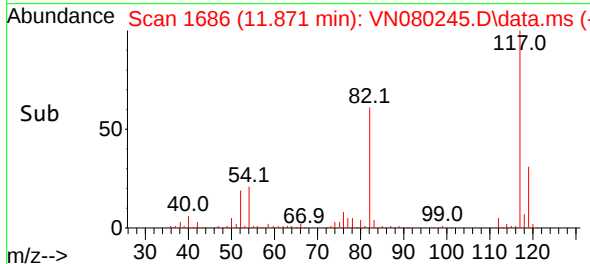
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01



Tgt Ion:117 Resp: 315500
Ion Ratio Lower Upper
117 100
82 60.8 44.0 66.0
119 31.3 25.6 38.4

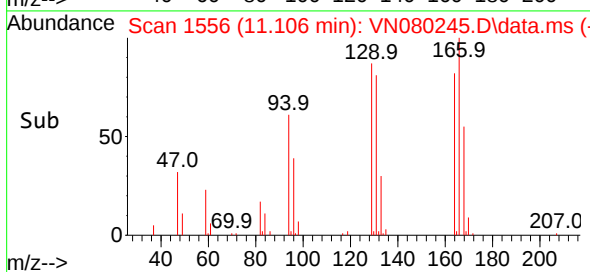
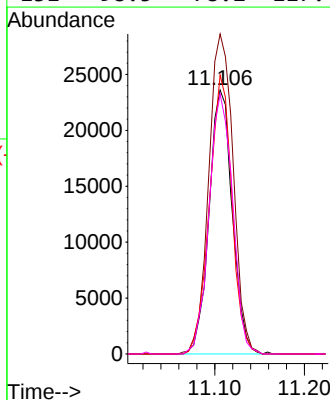
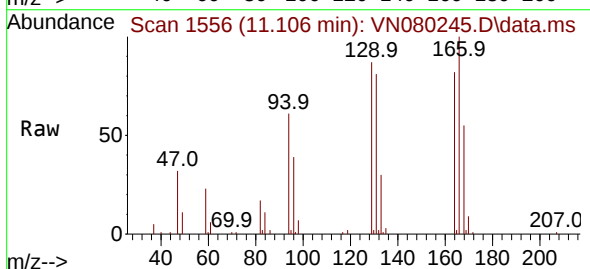
Manual Integrations
APPROVED

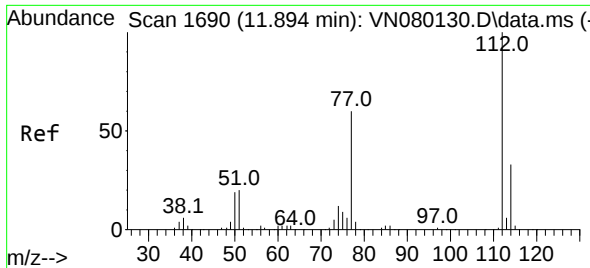
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#64
Tetrachloroethene
Concen: 17.586 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

Tgt Ion:164 Resp: 42343
Ion Ratio Lower Upper
164 100
166 121.3 101.4 152.0
129 105.7 82.4 123.6
131 98.5 78.2 117.4





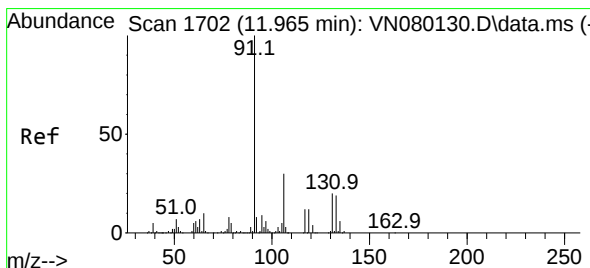
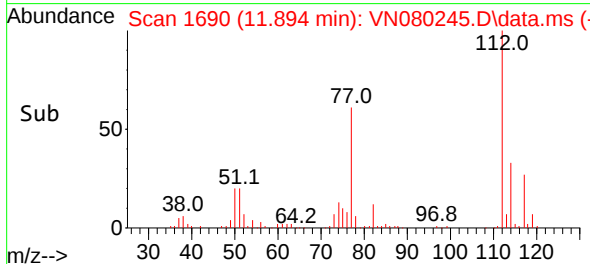
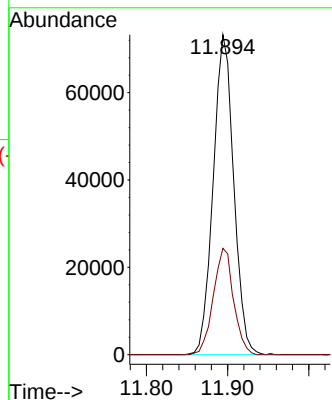
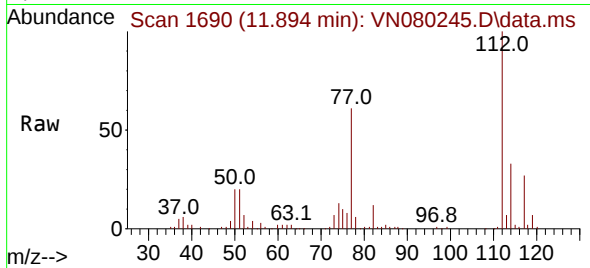
#65
Chlorobenzene
Concen: 17.983 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01

Tgt Ion:112 Resp: 128564
Ion Ratio Lower Upper
112 100
114 33.3 25.0 37.4

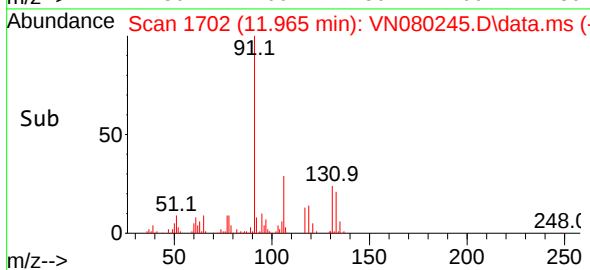
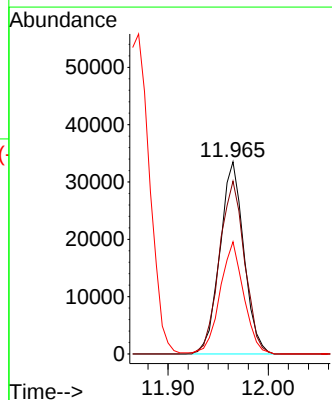
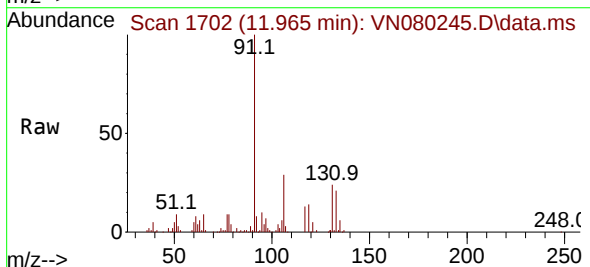
Manual Integrations
APPROVED

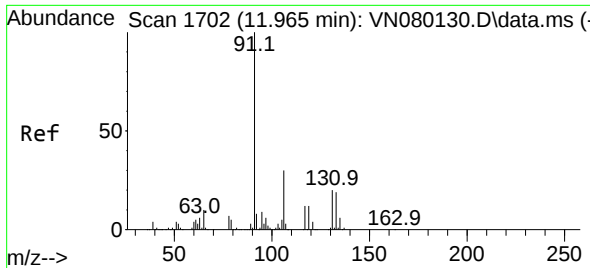
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.016 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

Tgt Ion:131 Resp: 55532
Ion Ratio Lower Upper
131 100
133 94.8 46.4 139.1
119 57.8 34.1 102.2





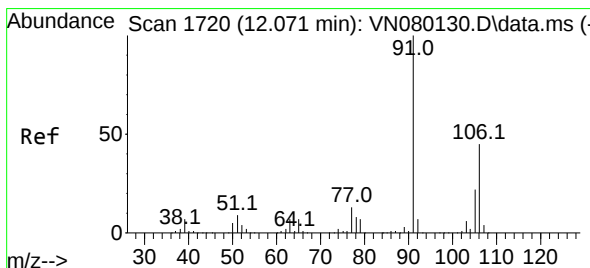
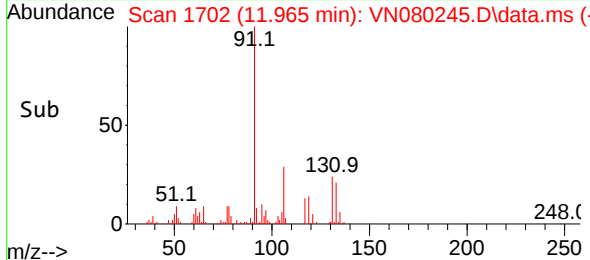
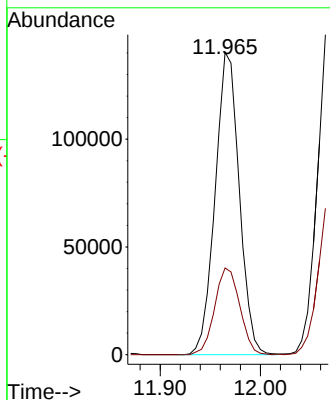
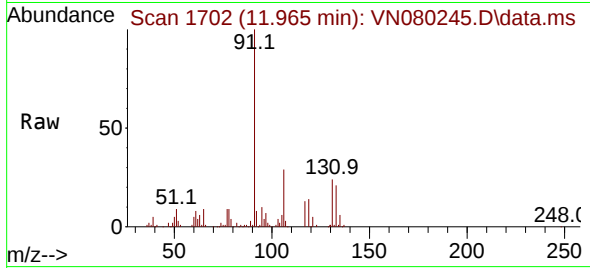
#67
Ethyl Benzene
Concen: 18.380 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01

Tgt Ion: 91 Resp: 233820
Ion Ratio Lower Upper
91 100
106 28.7 25.6 38.4

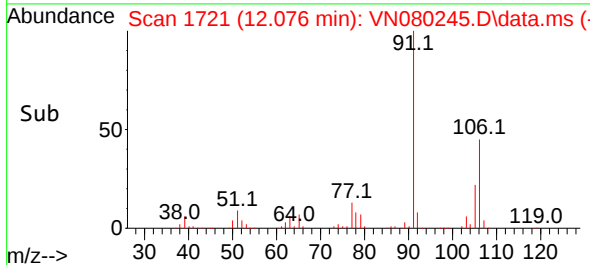
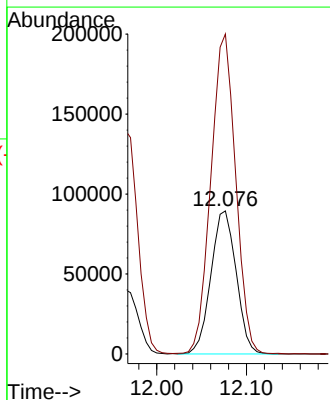
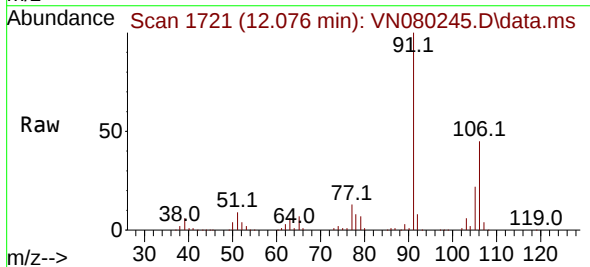
Manual Integrations
APPROVED

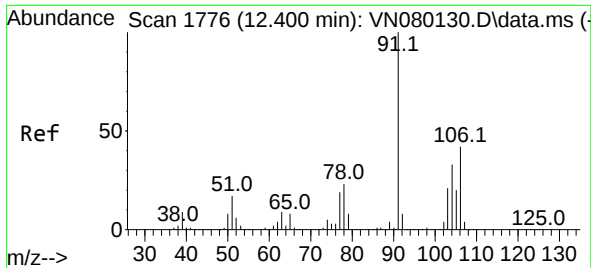
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#68
m/p-Xylenes
Concen: 37.706 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

Tgt Ion:106 Resp: 174894
Ion Ratio Lower Upper
106 100
91 219.7 159.6 239.4





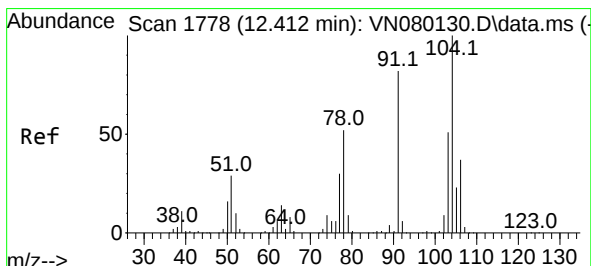
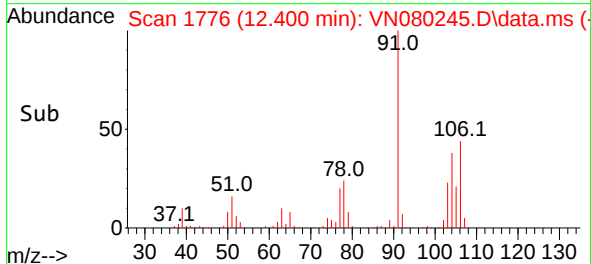
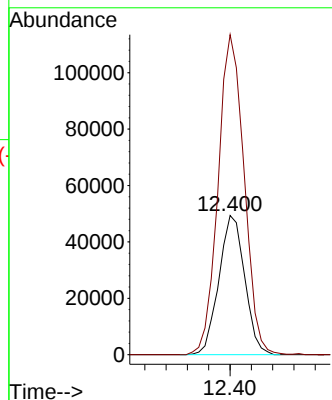
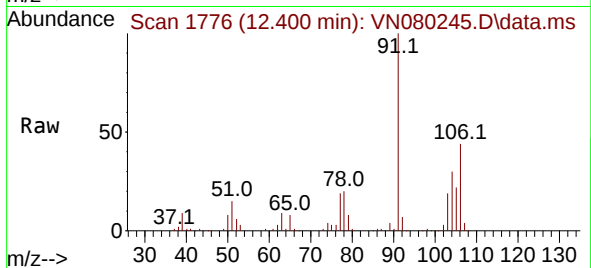
#69
o-Xylene
Concen: 18.991 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01

Tgt Ion:106 Resp: 83010
Ion Ratio Lower Upper
106 100
91 231.6 105.2 315.5

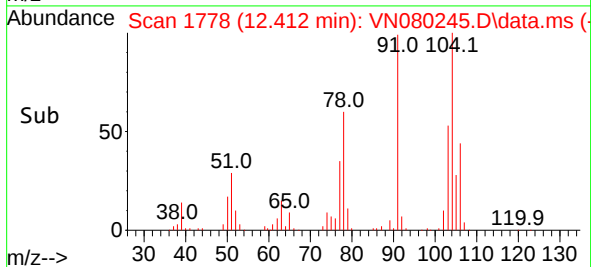
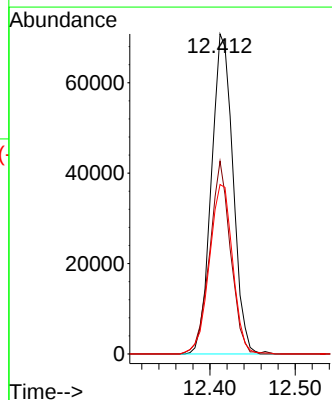
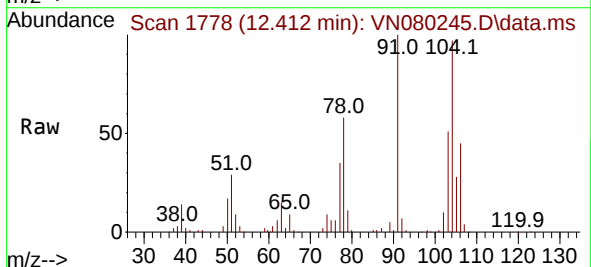
Manual Integrations
APPROVED

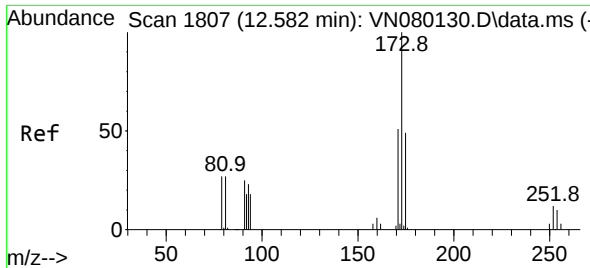
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#70
Styrene
Concen: 19.216 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

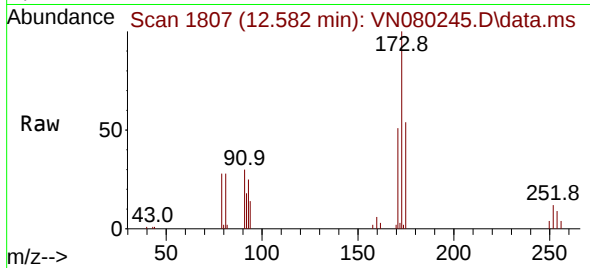
Tgt Ion:104 Resp: 125026
Ion Ratio Lower Upper
104 100
78 58.0 39.5 59.3
103 56.8 43.2 64.8





#71
Bromoform
Concen: 19.665 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

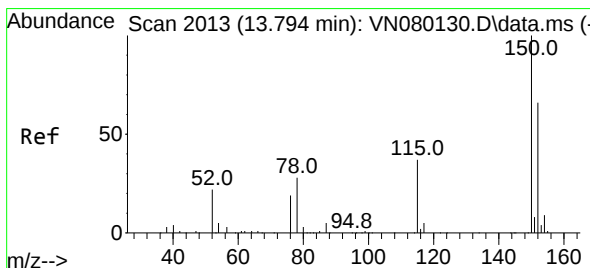
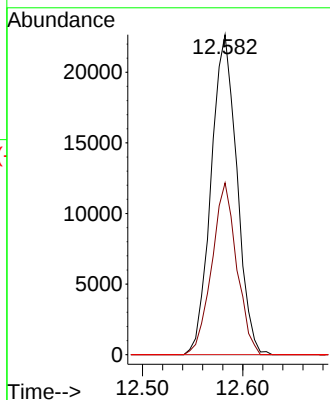
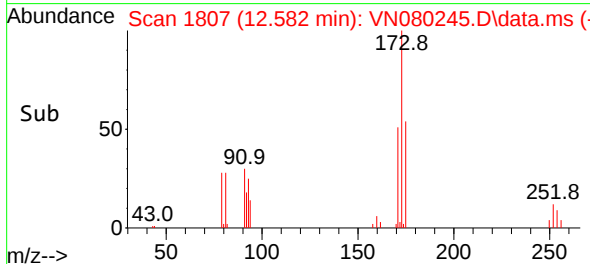
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01



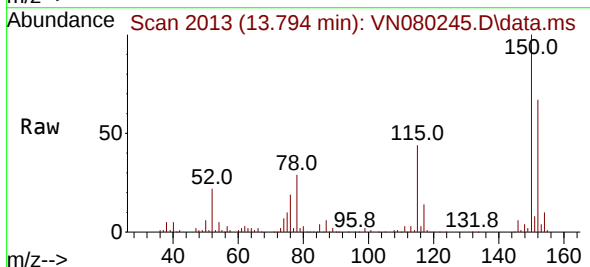
Tgt Ion:173 Resp: 40458
Ion Ratio Lower Upper
173 100
175 51.8 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

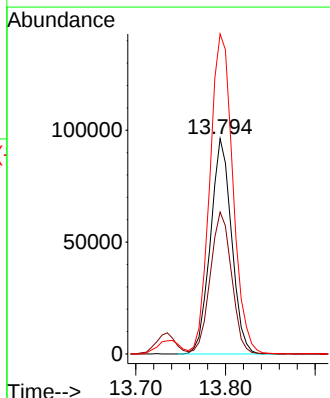
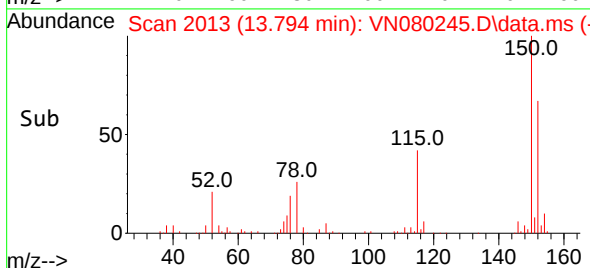
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

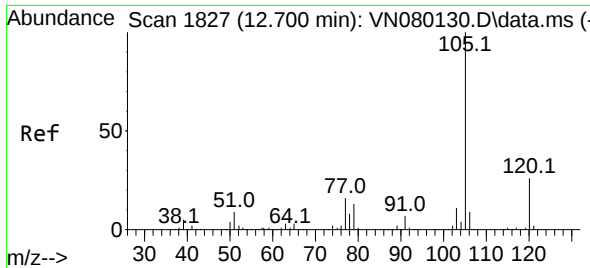


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06



Tgt Ion:152 Resp: 156943
Ion Ratio Lower Upper
152 100
115 66.8 32.3 96.8
150 162.3 0.0 355.8





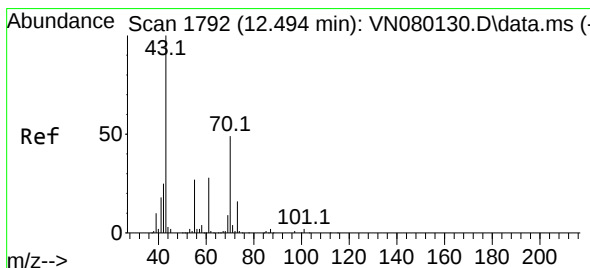
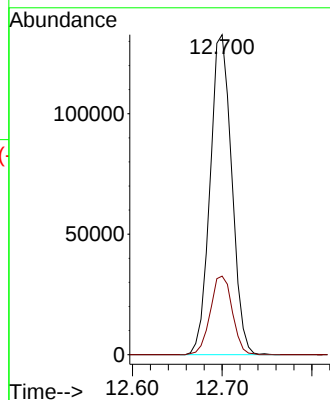
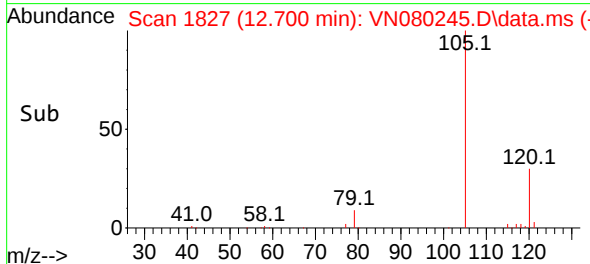
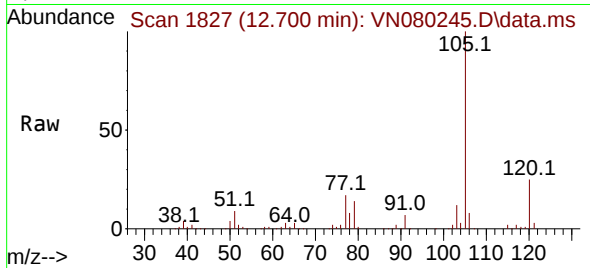
#73
Isopropylbenzene
Concen: 18.210 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01

Tgt Ion:105 Resp: 222070
Ion Ratio Lower Upper
105 100
120 25.0 13.1 39.1

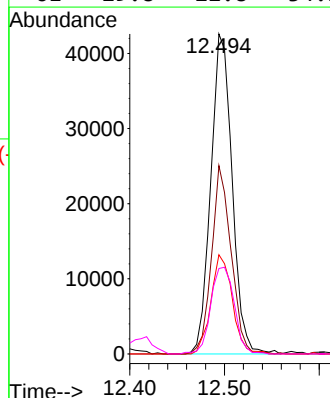
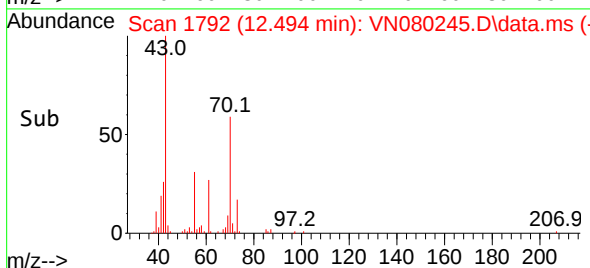
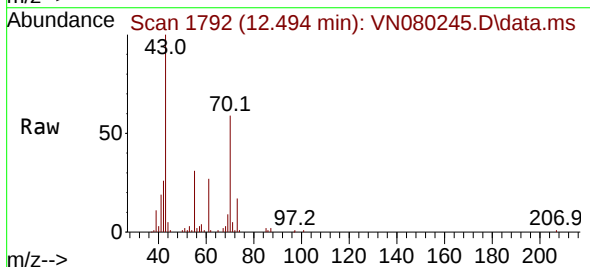
Manual Integrations
APPROVED

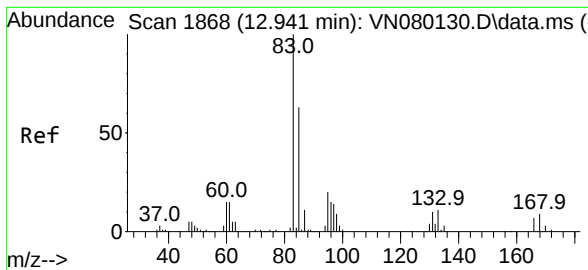
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#74
N-ethyl acetate
Concen: 17.550 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

Tgt Ion: 43 Resp: 66744
Ion Ratio Lower Upper
43 100
70 53.9 43.4 65.2
55 31.1 21.4 32.0
61 29.8 22.8 34.2





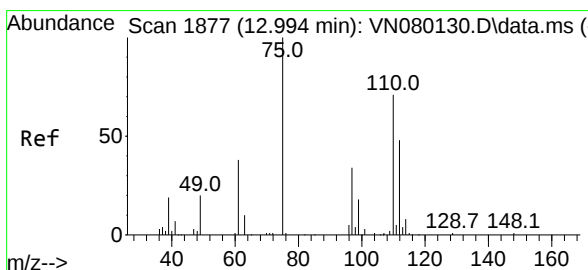
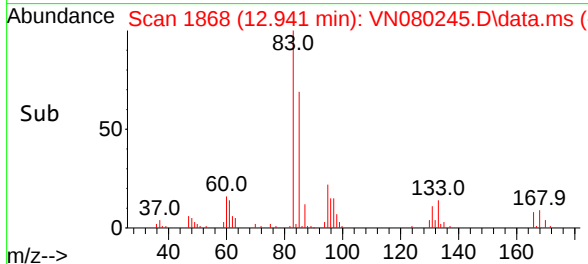
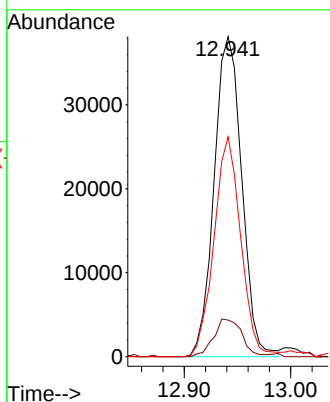
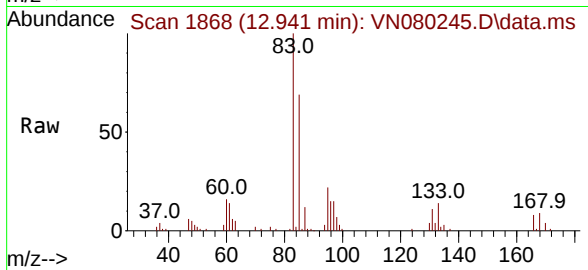
#75
1,1,2,2-Tetrachloroethane
Concen: 18.842 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

Instrument : MSVOA_N
ClientSampleId : VN1122MBSD01

Tgt Ion: 83 Resp: 68775
Ion Ratio Lower Upper
83 100
131 12.4 5.0 15.0
85 66.4 31.9 95.7

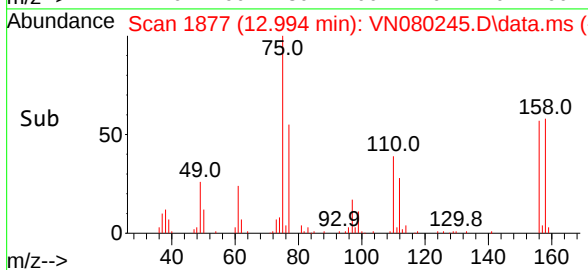
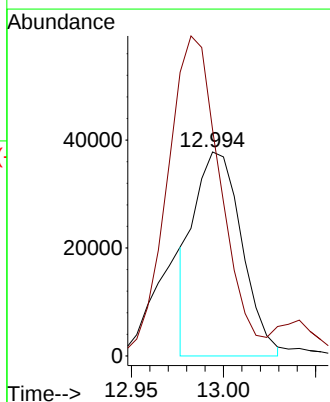
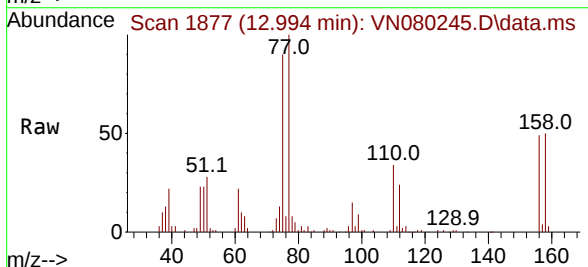
Manual Integrations
APPROVED

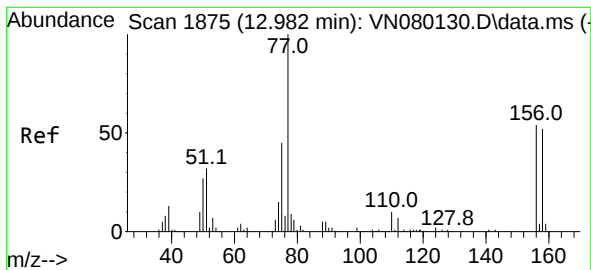
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#76
1,2,3-Trichloropropane
Concen: 17.702 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

Tgt Ion: 75 Resp: 68070
Ion Ratio Lower Upper
75 100
77 175.8 84.5 253.5





#77

Bromobenzene

Concen: 18.686 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN080245.D

Acq: 22 Nov 2023 14:06

Instrument :

MSVOA_N

ClientSampleId :

VN1122MBS01

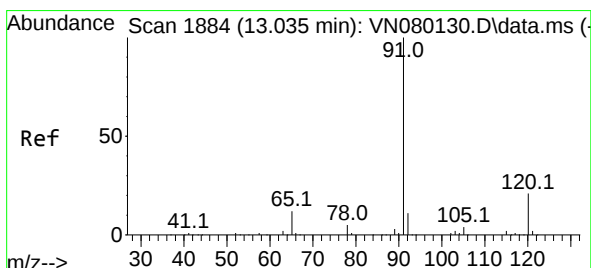
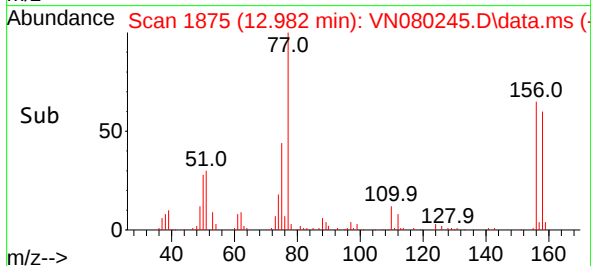
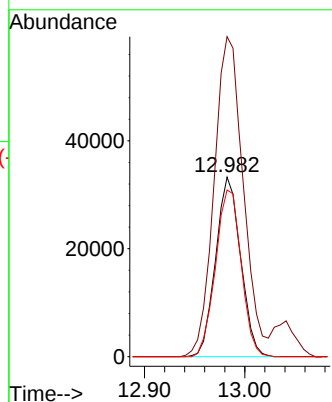
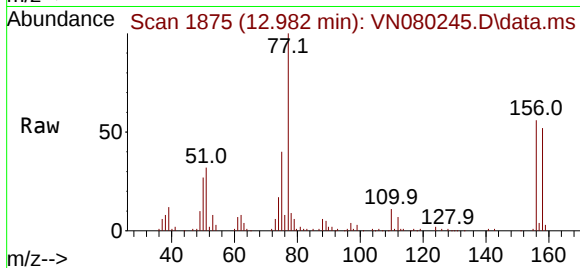
Tgt Ion:156 Resp: 57454
 Ion Ratio Lower Upper
 156 100
 77 208.3 107.7 323.3
 158 95.4 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#78

n-propylbenzene

Concen: 18.223 ug/l

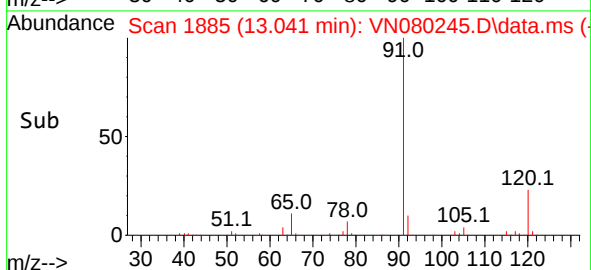
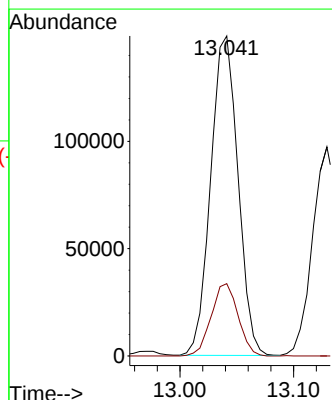
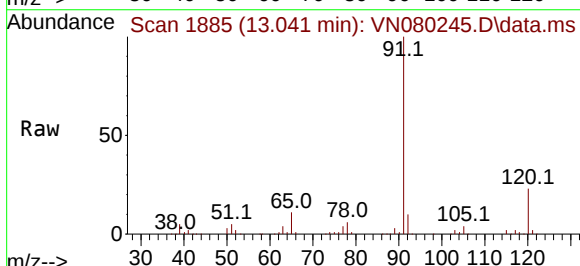
RT: 13.041 min Scan# 1885

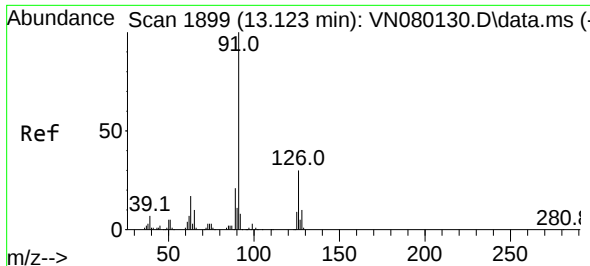
Delta R.T. 0.006 min

Lab File: VN080245.D

Acq: 22 Nov 2023 14:06

Tgt Ion: 91 Resp: 248521
 Ion Ratio Lower Upper
 91 100
 120 22.2 11.5 34.4





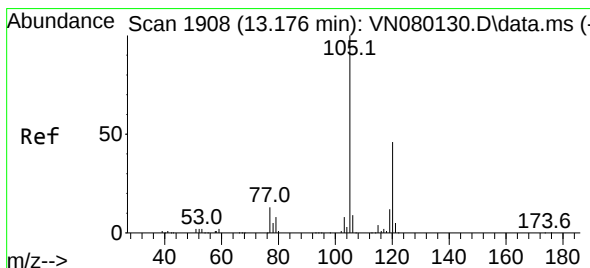
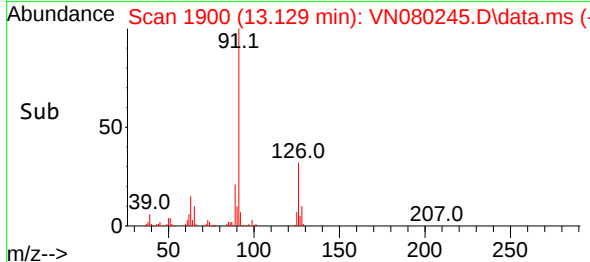
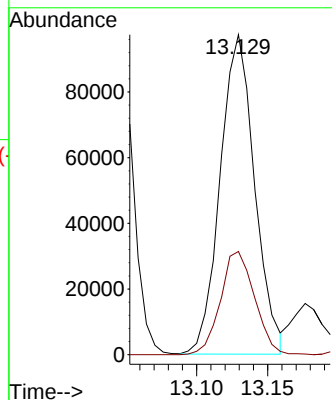
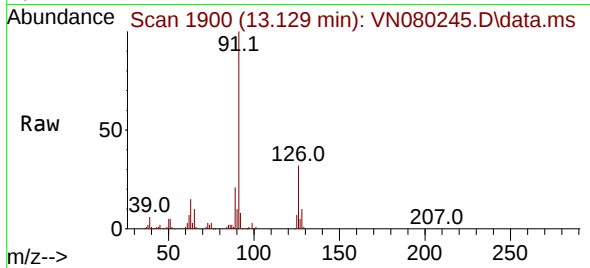
#79
2-Chlorotoluene
Concen: 18.528 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01

Tgt Ion: 91 Resp: 164110
Ion Ratio Lower Upper
91 100
126 32.0 16.3 48.8

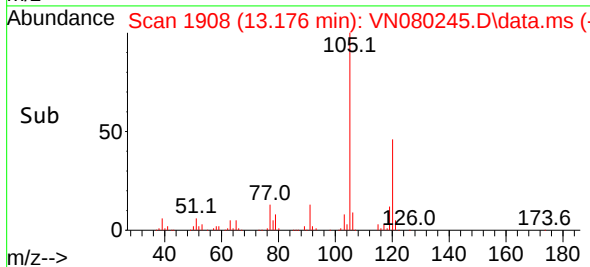
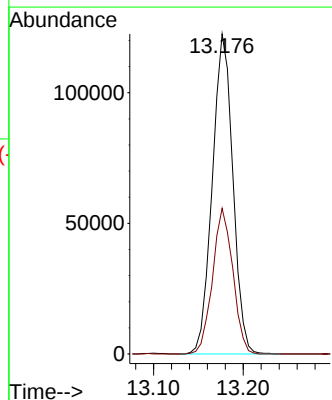
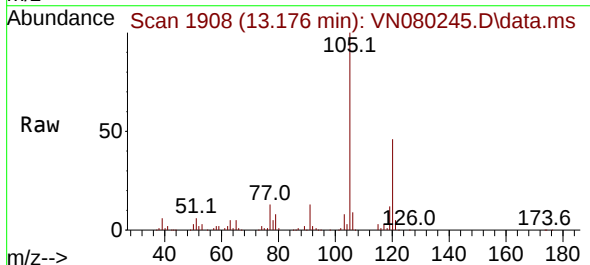
Manual Integrations
APPROVED

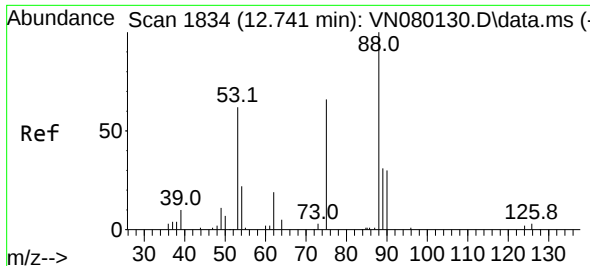
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#80
1,3,5-Trimethylbenzene
Concen: 18.339 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

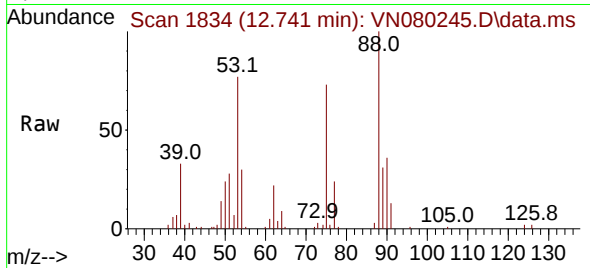
Tgt Ion:105 Resp: 194689
Ion Ratio Lower Upper
105 100
120 44.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 18.178 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

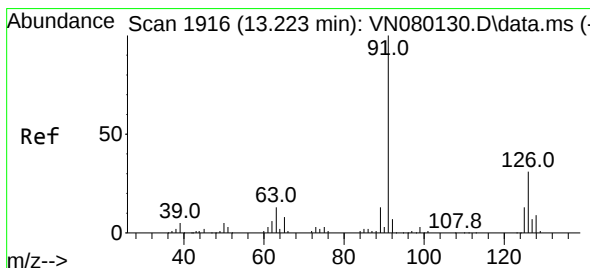
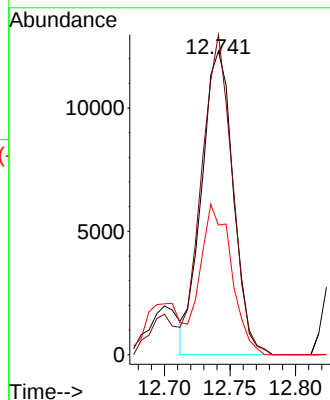
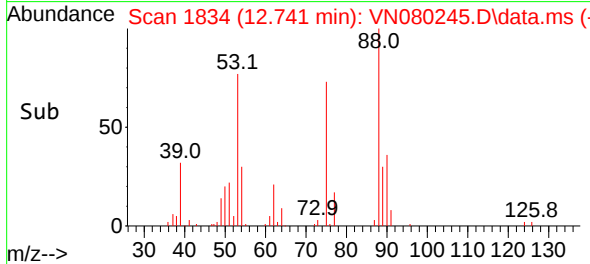
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01



Tgt Ion: 75 Resp: 20690
Ion Ratio Lower Upper
75 100
53 102.0 67.4 101.2
89 48.0 38.8 58.2

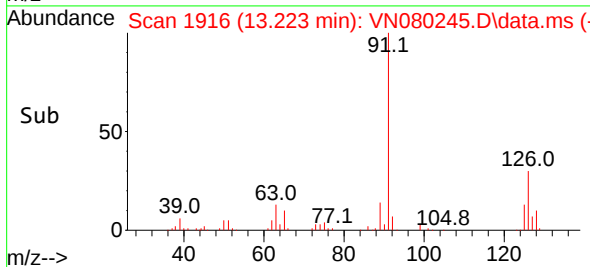
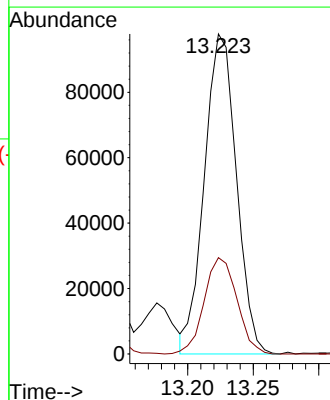
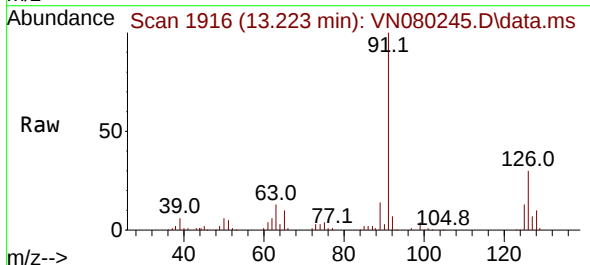
Manual Integrations
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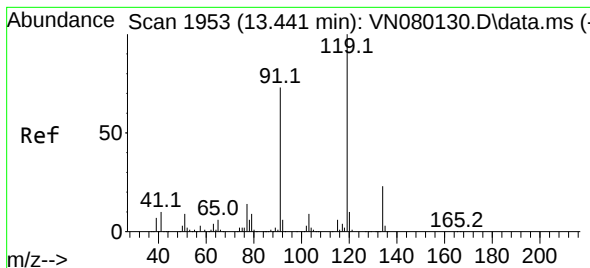
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#82
4-Chlorotoluene
Concen: 18.328 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

Tgt Ion: 91 Resp: 166310
Ion Ratio Lower Upper
91 100
126 30.7 16.7 50.0





#83

tert-Butylbenzene

Concen: 18.049 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN080245.D

Acq: 22 Nov 2023 14:06

Instrument :

MSVOA_N

ClientSampleId :

VN1122MBS01

Tgt Ion:119 Resp: 153659

Ion Ratio Lower Upper

119 100

91 73.4 33.9 101.7

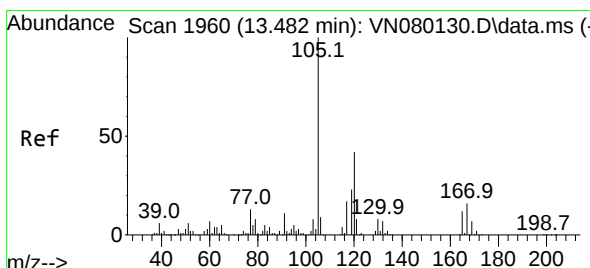
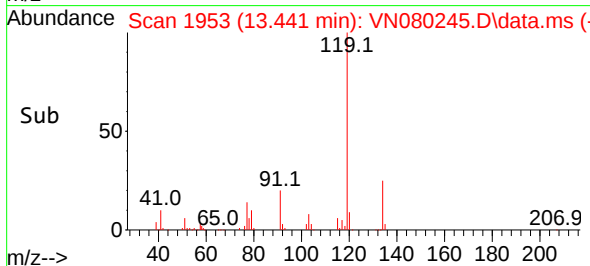
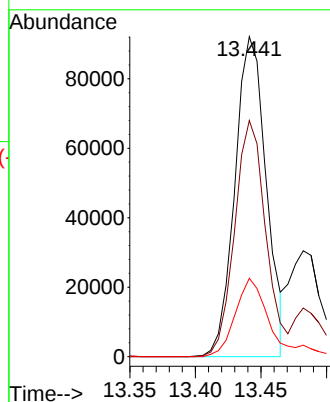
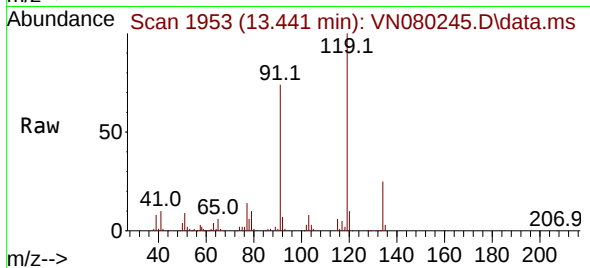
134 27.1 13.2 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#84

1,2,4-Trimethylbenzene

Concen: 18.649 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.006 min

Lab File: VN080245.D

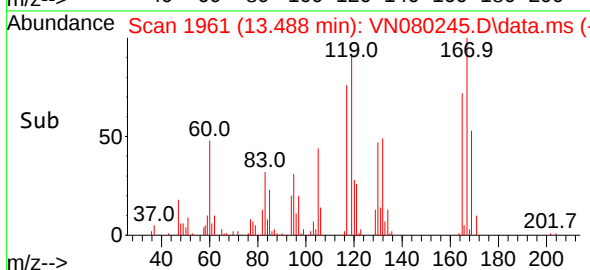
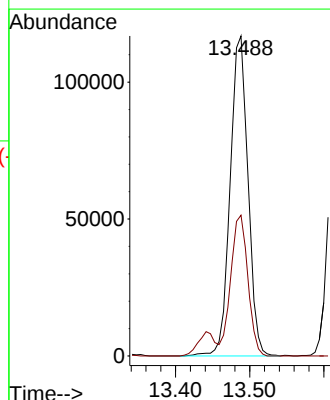
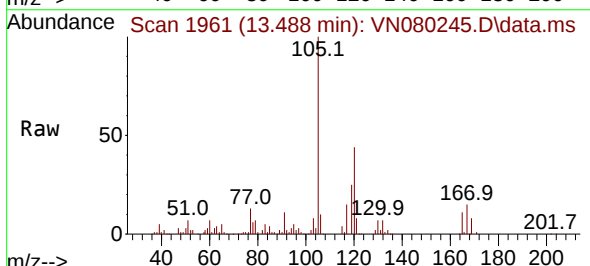
Acq: 22 Nov 2023 14:06

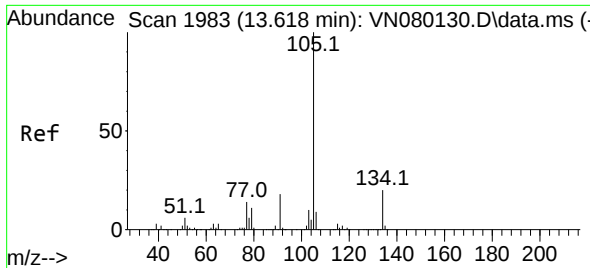
Tgt Ion:105 Resp: 194951

Ion Ratio Lower Upper

105 100

120 42.3 22.0 66.0





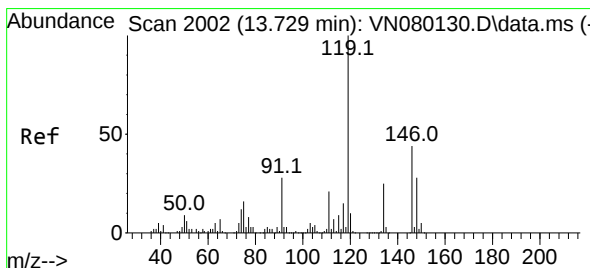
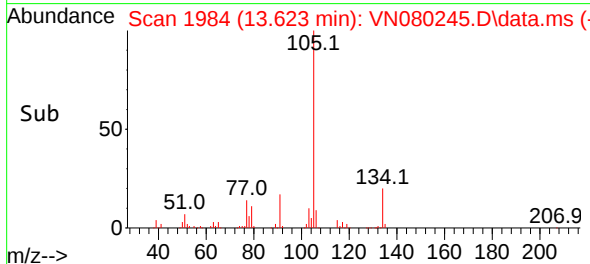
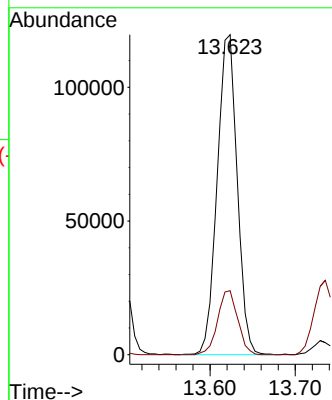
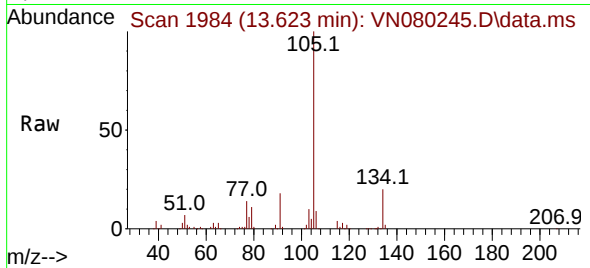
#85
 sec-Butylbenzene
 Concen: 18.116 ug/l
 RT: 13.623 min Scan# 1983
 Delta R.T. 0.006 min
 Lab File: VN080245.D
 Acq: 22 Nov 2023 14:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122MBSD01

Tgt Ion:105 Resp: 195102
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.3

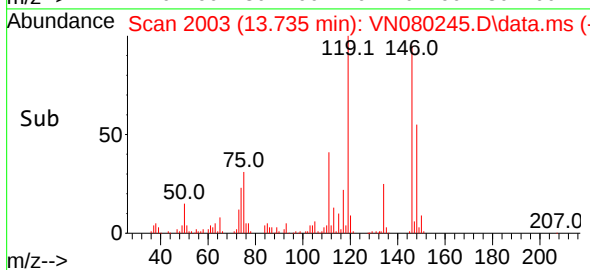
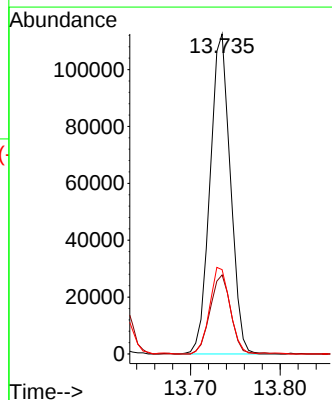
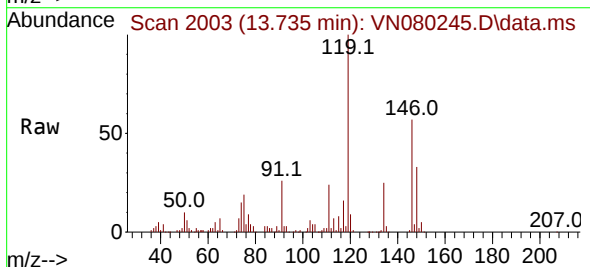
Manual Integrations
 APPROVED

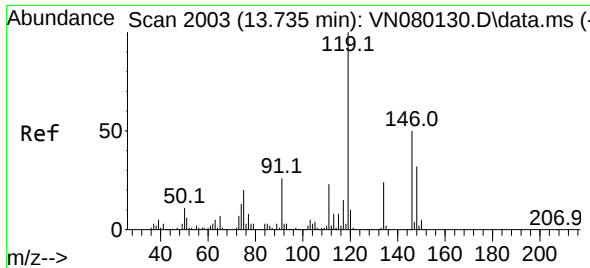
Reviewed By :John Carlone 11/24/2023
 Supervised By :Mahesh Dadoda 11/24/2023



#86
 p-Isopropyltoluene
 Concen: 18.416 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080245.D
 Acq: 22 Nov 2023 14:06

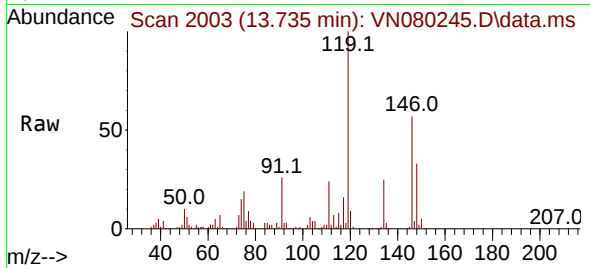
Tgt Ion:119 Resp: 177179
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.6 37.8
 91 27.0 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 18.120 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

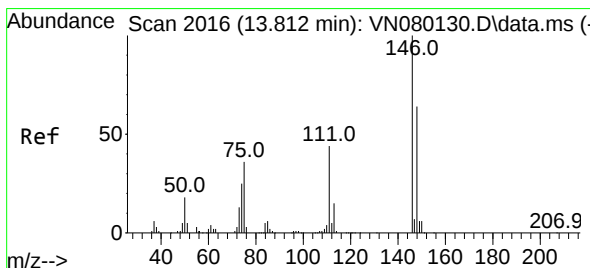
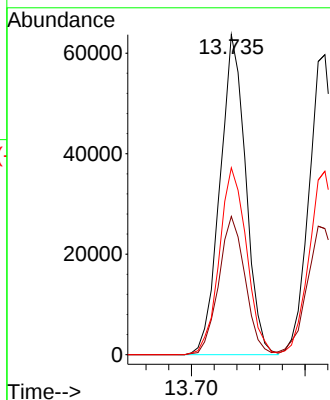
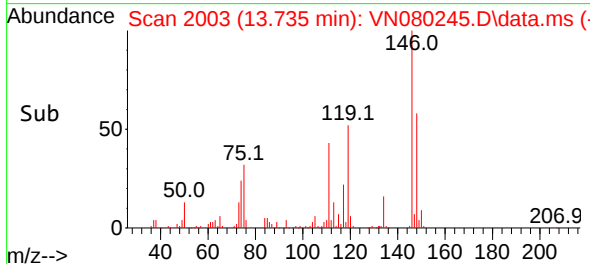
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01



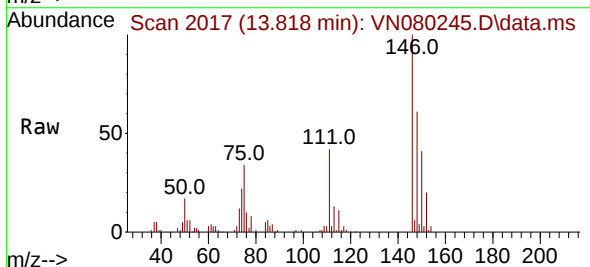
Tgt Ion:146 Resp: 100378
Ion Ratio Lower Upper
146 100
111 44.1 22.1 66.3
148 62.0 32.0 96.0

Manual Integrations
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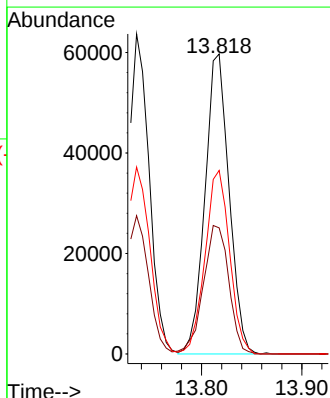
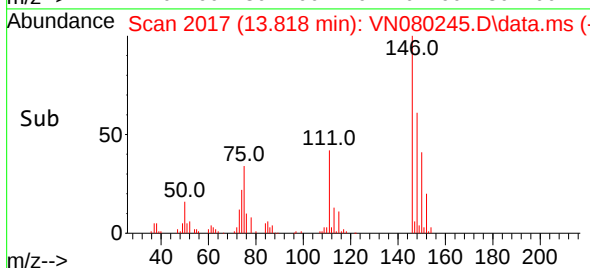
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

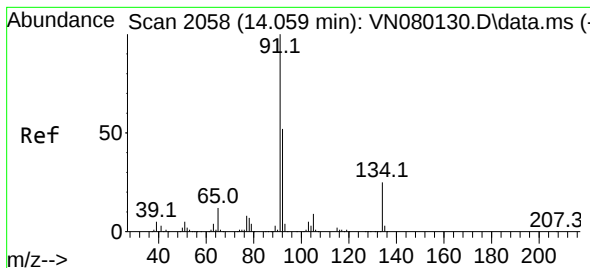


#88
1,4-Dichlorobenzene
Concen: 17.966 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06



Tgt Ion:146 Resp: 100019
Ion Ratio Lower Upper
146 100
111 45.4 20.6 61.8
148 62.3 31.6 94.8





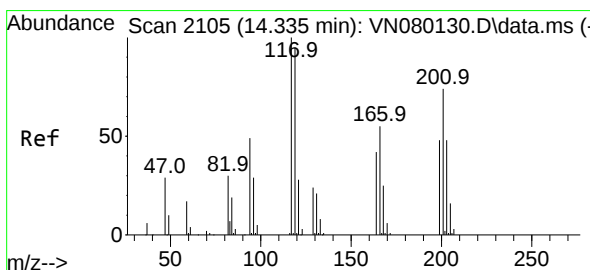
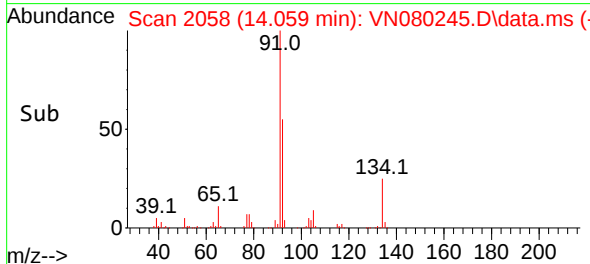
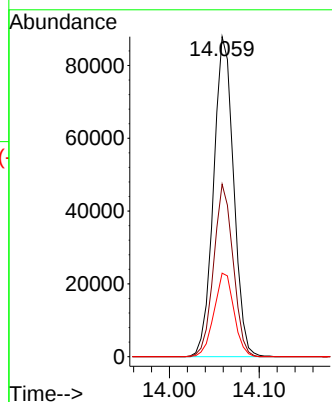
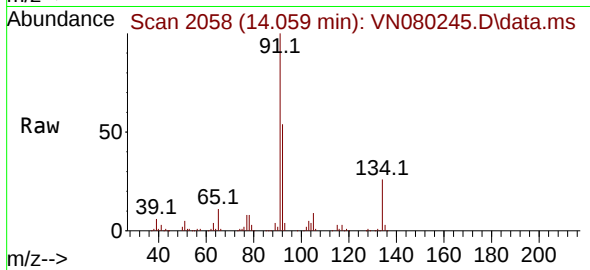
#89
n-Butylbenzene
Concen: 16.939 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01

Tgt Ion: 91 Resp: 13640
Ion Ratio Lower Upper
91 100
92 52.2 26.4 79.0
134 26.0 12.6 37.6

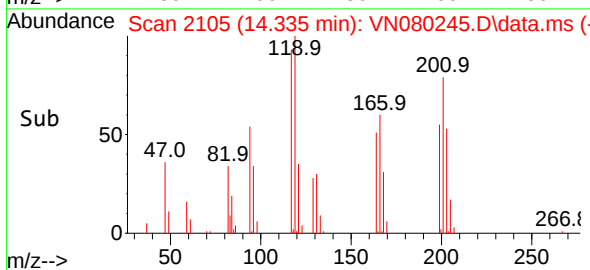
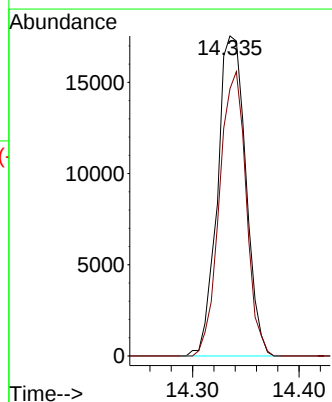
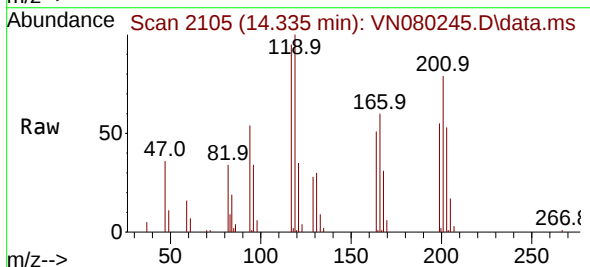
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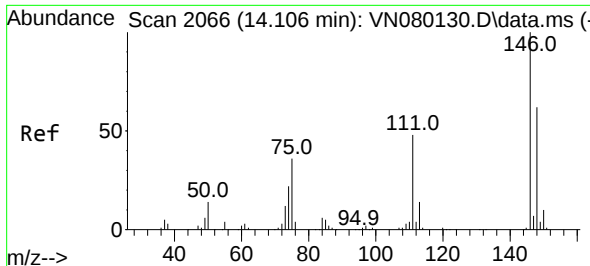
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#90
Hexachloroethane
Concen: 17.270 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

Tgt Ion:117 Resp: 32391
Ion Ratio Lower Upper
117 100
201 83.5 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 17.909 ug/l

RT: 14.112 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VN080245.D

Acq: 22 Nov 2023 14:06

Instrument :

MSVOA_N

ClientSampleId :

VN1122MBS01

Tgt Ion:146 Resp: 9493

Ion Ratio Lower Upper

146 100

111 46.0 22.0 66.0

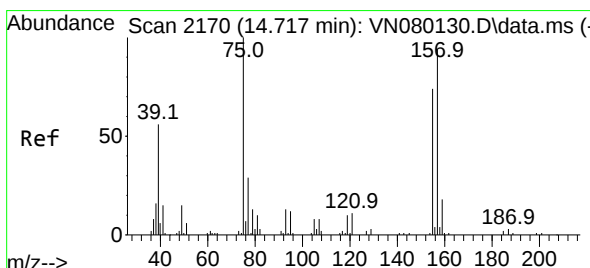
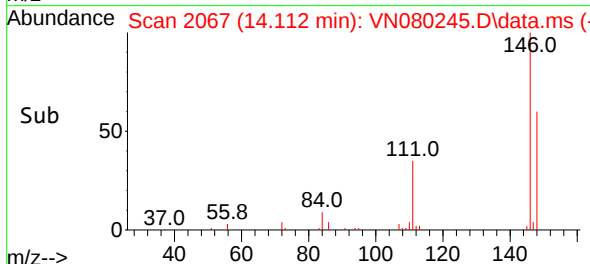
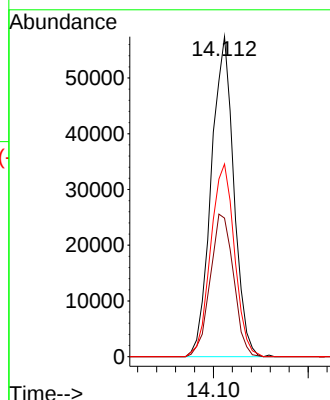
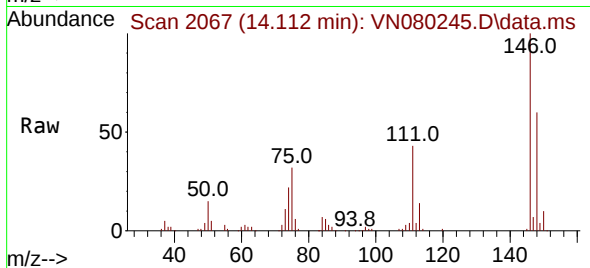
148 63.7 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.326 ug/l

RT: 14.729 min Scan# 2172

Delta R.T. 0.012 min

Lab File: VN080245.D

Acq: 22 Nov 2023 14:06

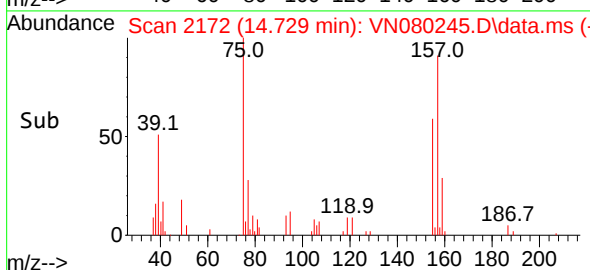
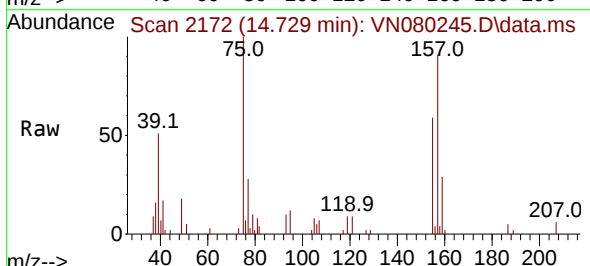
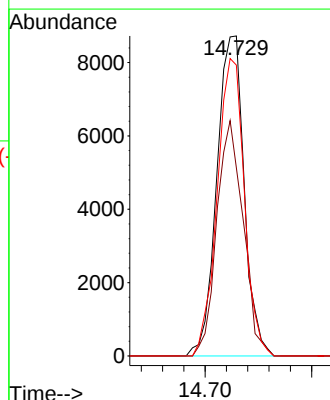
Tgt Ion: 75 Resp: 15537

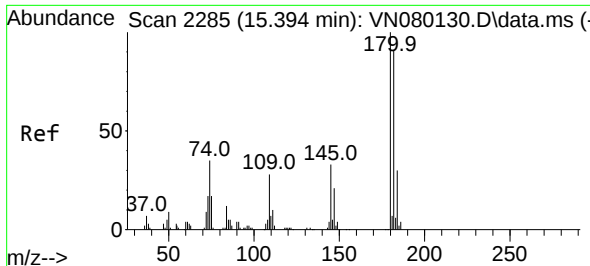
Ion Ratio Lower Upper

75 100

155 71.1 39.1 117.2

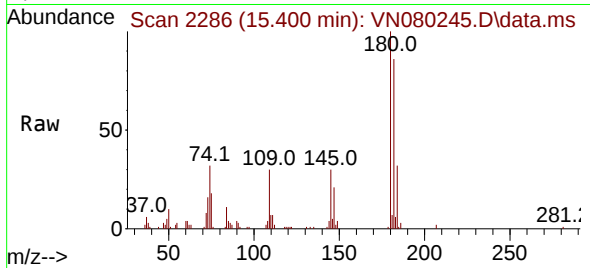
157 92.1 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 15.592 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

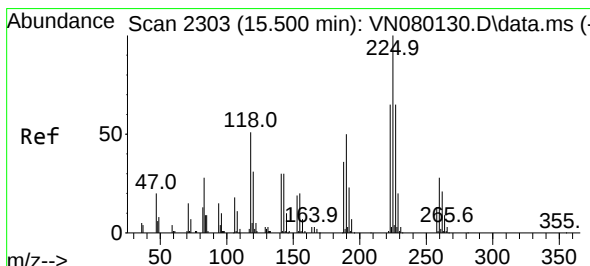
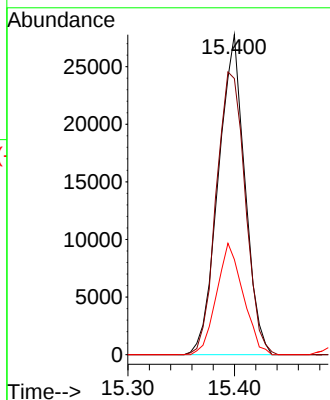
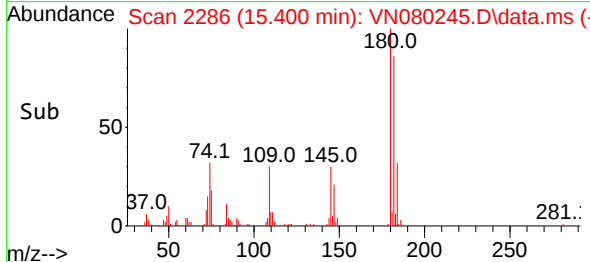
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBSD01



Tgt Ion:180 Resp: 48074
Ion Ratio Lower Upper
180 100
182 96.2 46.1 138.2
145 34.9 16.6 49.8

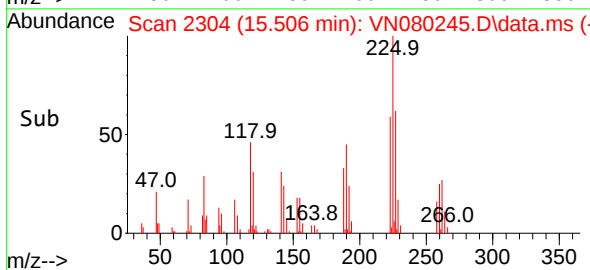
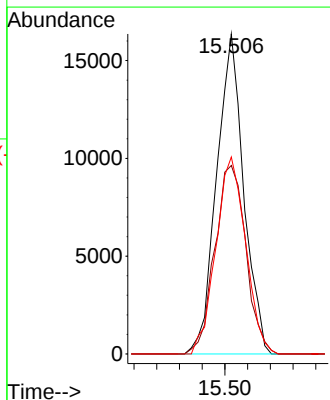
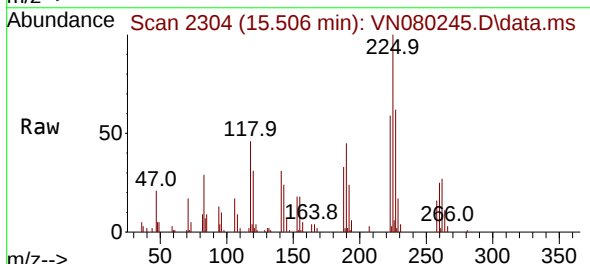
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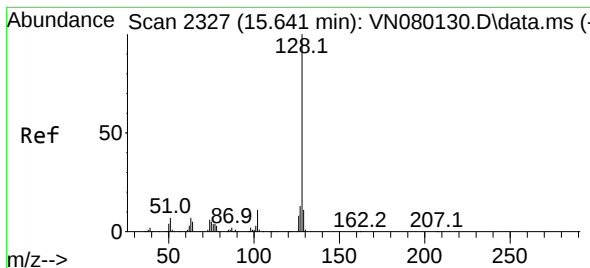
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#94
Hexachlorobutadiene
Concen: 15.254 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN080245.D
Acq: 22 Nov 2023 14:06

Tgt Ion:225 Resp: 27065
Ion Ratio Lower Upper
225 100
223 67.5 31.3 93.8
227 67.5 31.9 95.9





#95

Naphthalene

Concen: 15.468 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.006 min

Lab File: VN080245.D

Acq: 22 Nov 2023 14:06

Instrument :

MSVOA_N

ClientSampleId :

VN1122MBS01

Tgt Ion:128 Resp: 13829

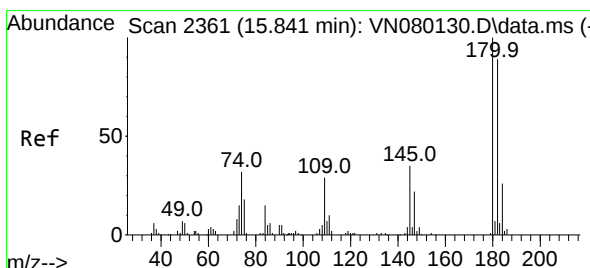
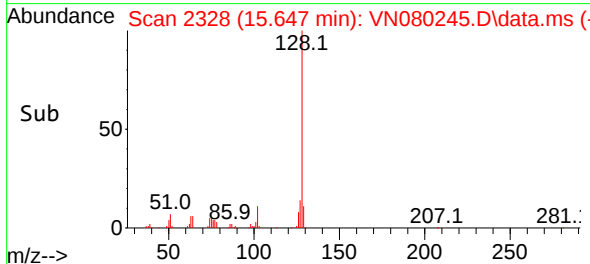
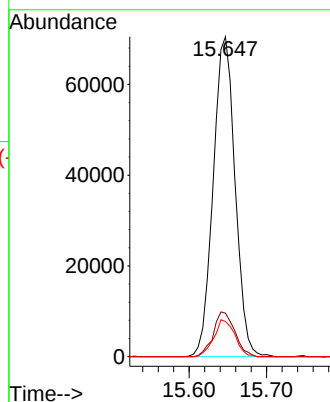
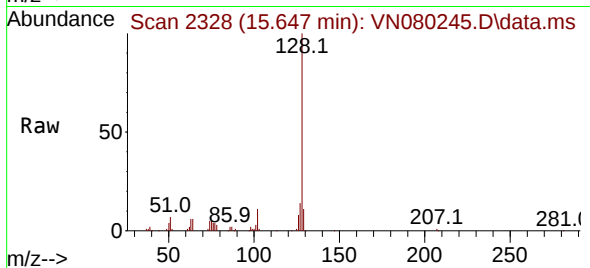
Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.0	15.0
129	11.1	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#96

1,2,3-Trichlorobenzene

Concen: 16.836 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN080245.D

Acq: 22 Nov 2023 14:06

Tgt Ion:180 Resp: 48656

Ion	Ratio	Lower	Upper
180	100		
182	93.7	46.2	138.6
145	36.3	17.5	52.6

