

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111723\
 Data File : VN080158.D
 Acq On : 17 Nov 2023 13:17
 Operator : JC\MD
 Sample : VN1117WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/18/2023
 Supervised By : Mahesh Dadoda 11/20/2023

Quant Time: Nov 18 02:28:10 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	247447	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	400510	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	363299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	175162	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	212279	51.956	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.920%			
35) Dibromofluoromethane	8.171	113	151848	51.383	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.760%			
50) Toluene-d8	10.571	98	567297	53.252	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.500%			
62) 4-Bromofluorobenzene	12.853	95	214471	53.300	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.600%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	68800	18.666	ug/l	96
3) Chloromethane	2.359	50	53455	19.290	ug/l	98
4) Vinyl Chloride	2.512	62	58464	19.936	ug/l	96
5) Bromomethane	2.953	94	37401	18.786	ug/l	95
6) Chloroethane	3.118	64	34435	17.881	ug/l	95
7) Trichlorofluoromethane	3.495	101	110859	18.121	ug/l	99
8) Diethyl Ether	3.959	74	33508	18.834	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.377	101	51183	18.305	ug/l	95
10) Methyl Iodide	4.589	142	57496	19.027	ug/l	92
11) Tert butyl alcohol	5.518	59	47487	105.690	ug/l	99
12) 1,1-Dichloroethene	4.336	96	47936	18.329	ug/l #	82
13) Acrolein	4.177	56	45551	114.557	ug/l	95
14) Allyl chloride	5.024	41	65017	19.759	ug/l	96
15) Acrylonitrile	5.724	53	124386	103.125	ug/l	99
16) Acetone	4.430	43	111026	80.905	ug/l	92
17) Carbon Disulfide	4.712	76	135907	17.404	ug/l	99
18) Methyl Acetate	5.018	43	87474	19.839	ug/l	92
19) Methyl tert-butyl Ether	5.800	73	179307	19.414	ug/l	98
20) Methylene Chloride	5.277	84	58052	20.200	ug/l	92
21) trans-1,2-Dichloroethene	5.783	96	54913	19.112	ug/l	89
22) Diisopropyl ether	6.677	45	152730	20.979	ug/l	91
23) Vinyl Acetate	6.606	43	450390	102.907	ug/l #	91
24) 1,1-Dichloroethane	6.571	63	102331	19.299	ug/l	97
25) 2-Butanone	7.488	43	151433	92.878	ug/l #	85
26) 2,2-Dichloropropane	7.488	77	95569	18.167	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	66389	20.381	ug/l	92
28) Bromochloromethane	7.812	49	45910	22.024	ug/l	90
29) Tetrahydrofuran	7.841	42	94349	107.784	ug/l	91
30) Chloroform	7.971	83	114283	19.284	ug/l	99
31) Cyclohexane	8.259	56	82277	18.517	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	110173	19.063	ug/l	99
36) 1,1-Dichloropropene	8.377	75	79877	18.669	ug/l	95
37) Ethyl Acetate	7.565	43	63199	21.295	ug/l	98
38) Carbon Tetrachloride	8.365	117	99207	18.272	ug/l	97
39) Methylcyclohexane	9.606	83	75726	18.356	ug/l	94
40) Benzene	8.612	78	231200	19.013	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	34805	21.355	ug/l	91
42) 1,2-Dichloroethane	8.677	62	97966	19.691	ug/l	96
43) Isopropyl Acetate	8.694	43	105097	18.198	ug/l	98
44) Trichloroethene	9.353	130	58526	18.348	ug/l	95
45) 1,2-Dichloropropane	9.624	63	55476	19.631	ug/l	97
46) Dibromomethane	9.712	93	42228	19.740	ug/l	94
47) Bromodichloromethane	9.888	83	89938	19.113	ug/l	96
48) Methyl methacrylate	9.688	41	57857	19.440	ug/l	93
49) 1,4-Dioxane	9.700	88	20327	410.541	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	316547	105.869	ug/l	98
52) Toluene	10.635	92	145801	19.159	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	92548	19.143	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	95107	19.255	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	58748	20.226	ug/l	93
56) Ethyl methacrylate	10.876	69	60398	20.355	ug/l	89
57) 1,3-Dichloropropane	11.165	76	101253	19.966	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	193972	116.035	ug/l	95
59) 2-Hexanone	11.200	43	234691	97.681	ug/l	96
60) Dibromochloromethane	11.359	129	65528	18.844	ug/l	99
61) 1,2-Dibromoethane	11.470	107	56435	19.045	ug/l	99
64) Tetrachloroethene	11.106	164	57090	20.591	ug/l	98
65) Chlorobenzene	11.894	112	153154	18.604	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	61354	19.206	ug/l	94
67) Ethyl Benzene	11.965	91	274073	18.710	ug/l	97
68) m/p-Xylenes	12.076	106	209687	39.260	ug/l	90
69) o-Xylene	12.400	106	100050	19.877	ug/l	91
70) Styrene	12.418	104	145128	19.372	ug/l	91
71) Bromoform	12.582	173	44495	18.782	ug/l #	98
73) Isopropylbenzene	12.700	105	259240	19.046	ug/l	99
74) N-amyl acetate	12.500	43	83073	19.571	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	75018	18.415	ug/l	94
76) 1,2,3-Trichloropropane	12.994	75	79352m	18.489	ug/l	
77) Bromobenzene	12.982	156	63479	18.498	ug/l	96
78) n-propylbenzene	13.041	91	296322	19.468	ug/l	98
79) 2-Chlorotoluene	13.129	91	189528	19.172	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	228180	19.258	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	25344	19.951	ug/l #	79
82) 4-Chlorotoluene	13.223	91	195373	19.292	ug/l	96
83) tert-Butylbenzene	13.441	119	180736	19.021	ug/l	93
84) 1,2,4-Trimethylbenzene	13.488	105	228158	19.556	ug/l	98
85) sec-Butylbenzene	13.617	105	233218	19.402	ug/l	100
86) p-Isopropyltoluene	13.735	119	210178	19.574	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	110488	17.870	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	113065	18.197	ug/l	96
89) n-Butylbenzene	14.059	91	167517	18.639	ug/l	99
90) Hexachloroethane	14.341	117	37552	17.939	ug/l	73
91) 1,2-Dichlorobenzene	14.106	146	110991	18.759	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	18330	19.371	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	60419	17.558	ug/l	100
94) Hexachlorobutadiene	15.506	225	32104	16.212	ug/l	97
95) Naphthalene	15.647	128	200030	20.046	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	58059	18.000	ug/l	98

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 ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId :
 VN1117WBSD01

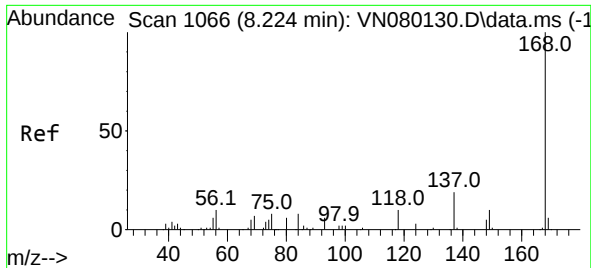
Manual Integrations
APPROVED

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 Quant Title : SW846 8260
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 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



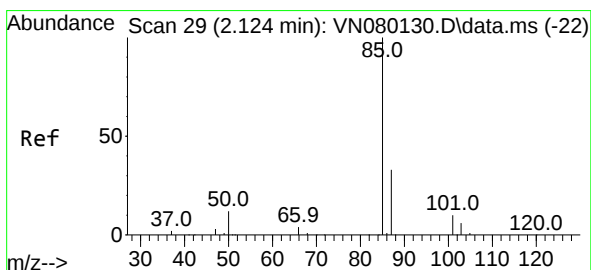
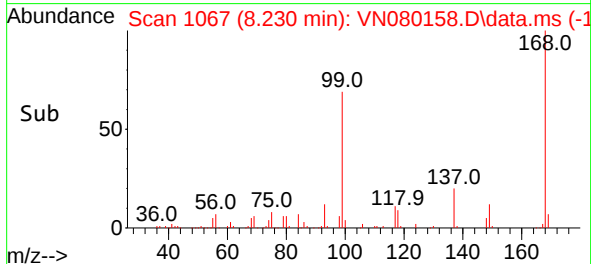
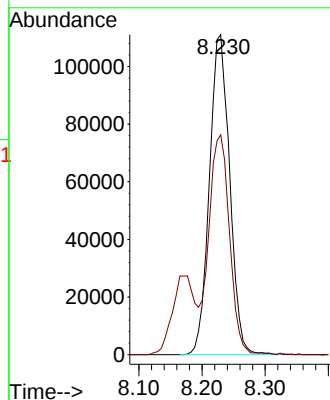
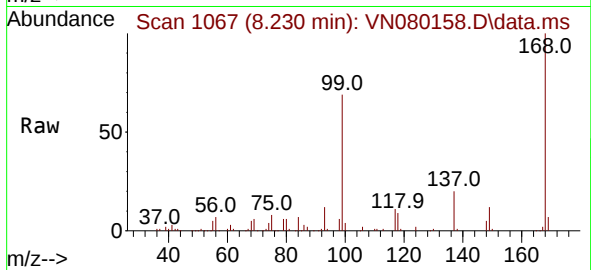
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080158.D
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Tgt Ion:168 Resp: 24744
Ion Ratio Lower Upper
168 100
99 68.2 53.0 79.6

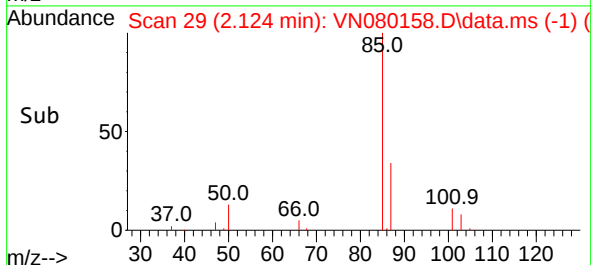
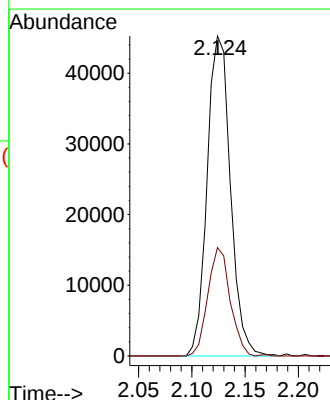
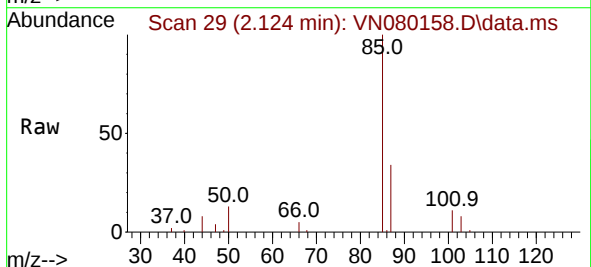
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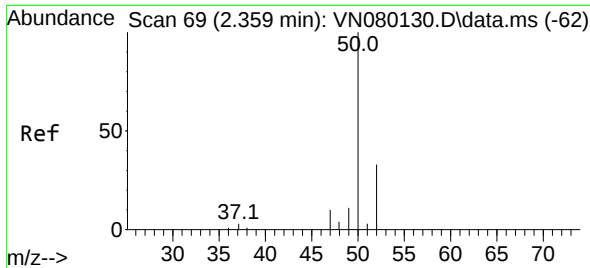
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#2
Dichlorodifluoromethane
Concen: 18.666 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

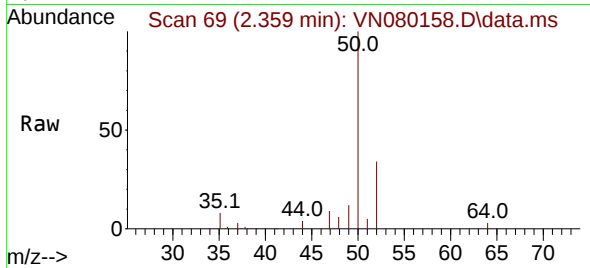
Tgt Ion: 85 Resp: 68800
Ion Ratio Lower Upper
85 100
87 33.8 15.8 47.4





#3
Chloromethane
Concen: 19.290 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

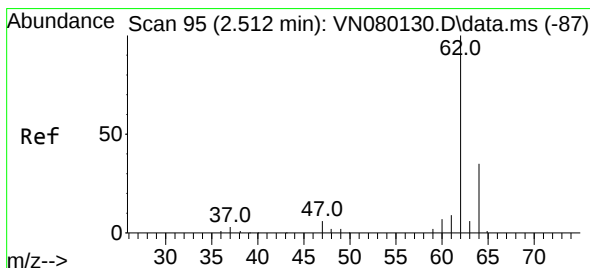
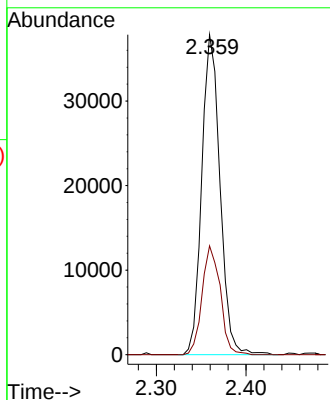
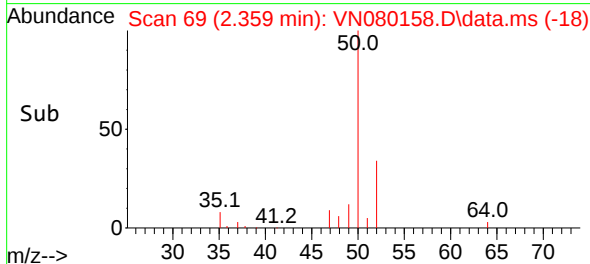
Instrument :
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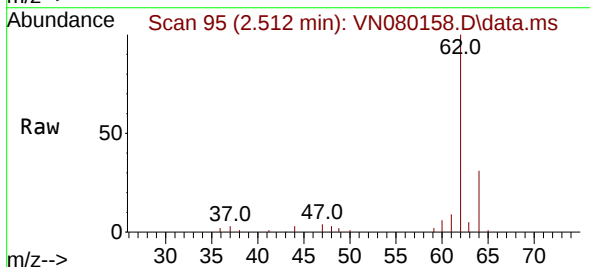
Tgt Ion: 50 Resp: 5345
Ion Ratio Lower Upper
50 100
52 34.0 26.5 39.7

Manual Integrations
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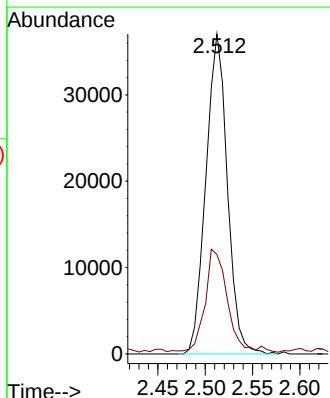
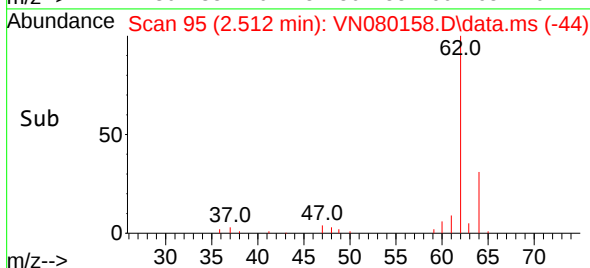
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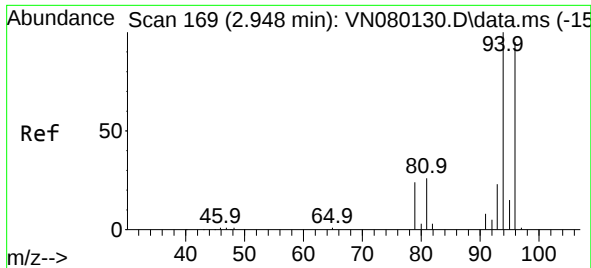


#4
Vinyl Chloride
Concen: 19.936 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17



Tgt Ion: 62 Resp: 58464
Ion Ratio Lower Upper
62 100
64 30.5 26.2 39.2





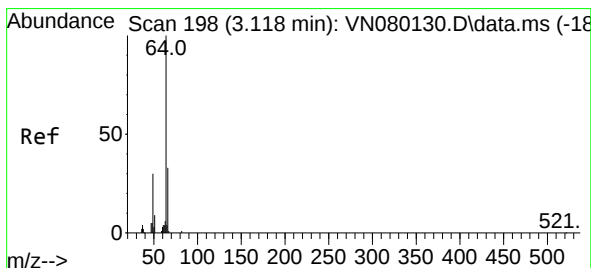
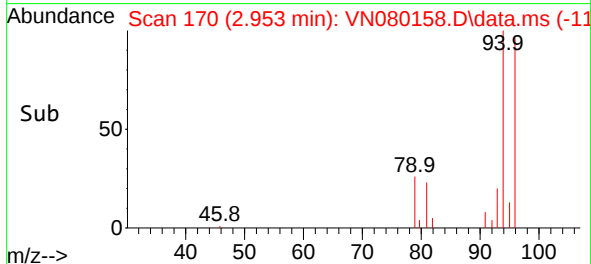
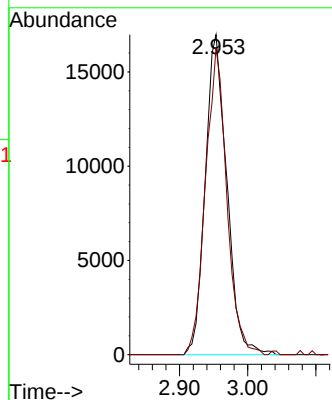
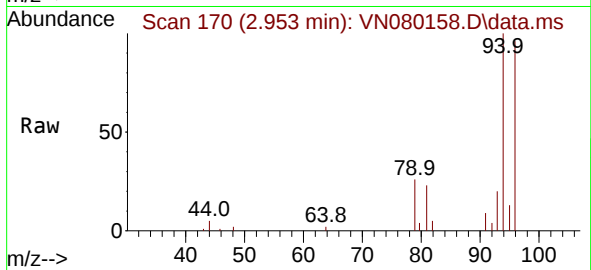
#5
Bromomethane
Concen: 18.786 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

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Tgt Ion: 94 Resp: 3740
Ion Ratio Lower Upper
94 100
96 95.9 73.1 109.7

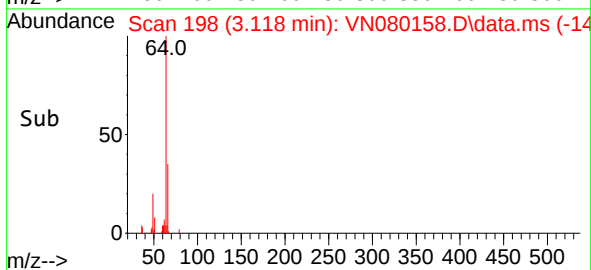
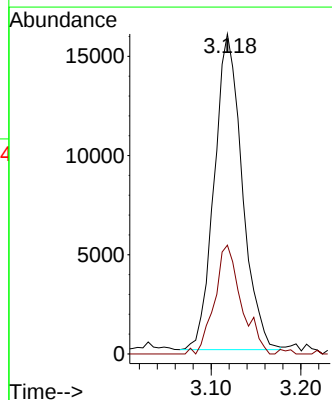
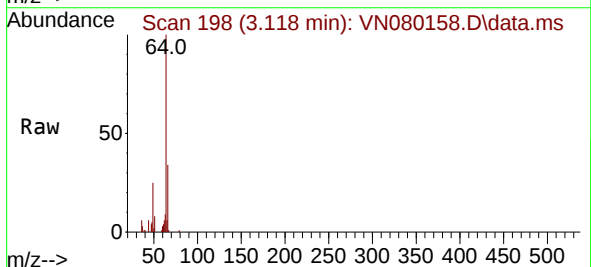
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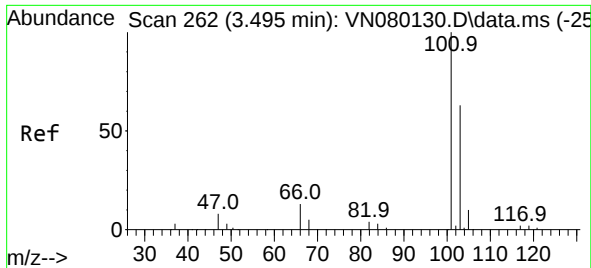
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#6
Chloroethane
Concen: 17.881 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

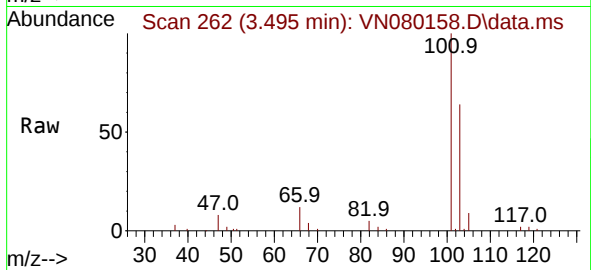
Tgt Ion: 64 Resp: 34435
Ion Ratio Lower Upper
64 100
66 34.4 25.4 38.2





#7
Trichlorofluoromethane
Concen: 18.121 ug/l
RT: 3.495 min Scan# 262
Delta R.T. -0.000 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

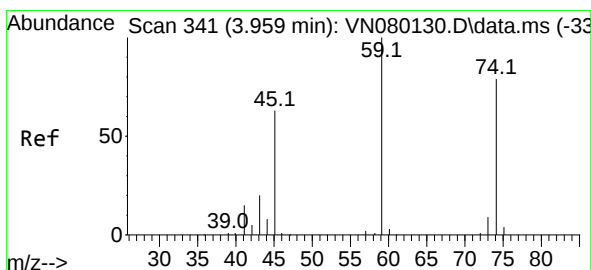
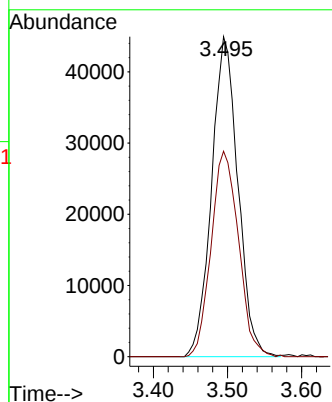
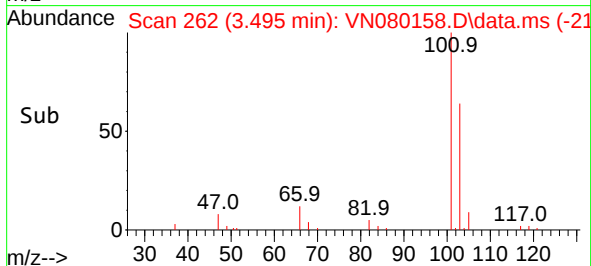
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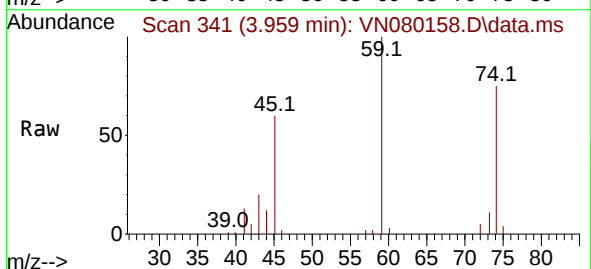
Tgt Ion:101 Resp: 110859
Ion Ratio Lower Upper
101 100
103 64.2 50.7 76.1

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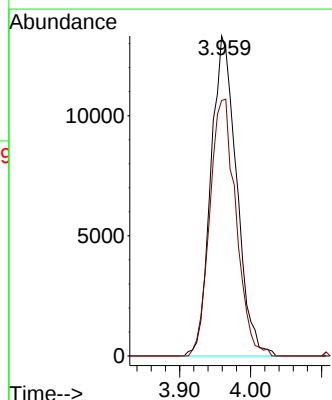
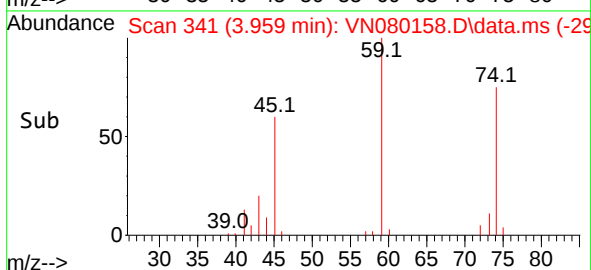
Reviewed By :John Carlone 11/18/2023
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#8
Diethyl Ether
Concen: 18.834 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17



Tgt Ion: 74 Resp: 33508
Ion Ratio Lower Upper
74 100
45 81.8 34.4 103.3





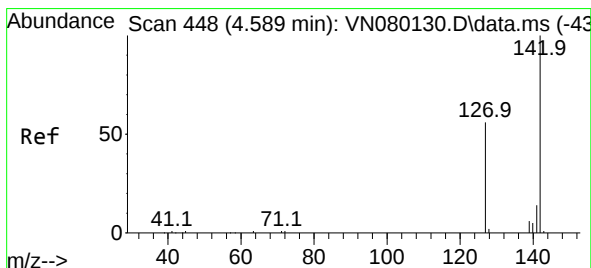
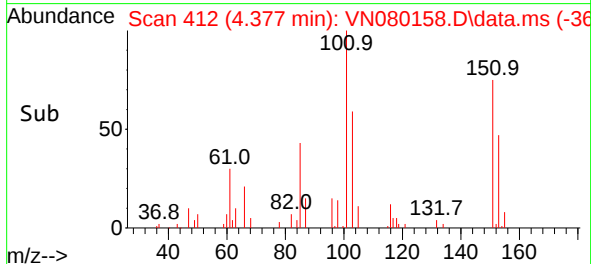
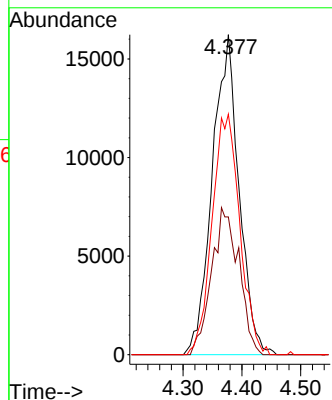
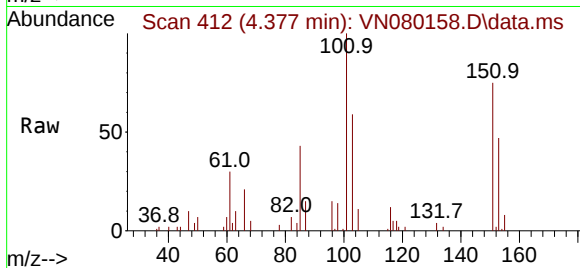
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1,1,2-Trichlorotrifluoroethane
Concen: 18.305 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN080158.D
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ClientSampleId :
VN1117WBSD01

Tgt Ion:101 Resp: 5118
Ion Ratio Lower Upper
101 100
85 47.0 36.6 55.0
151 78.0 57.6 86.4

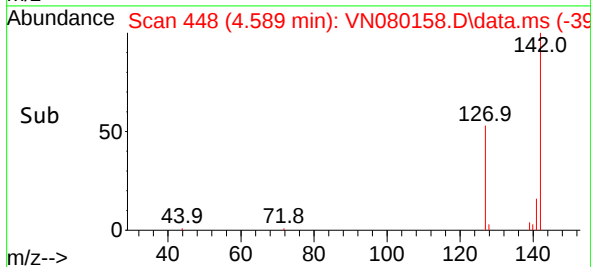
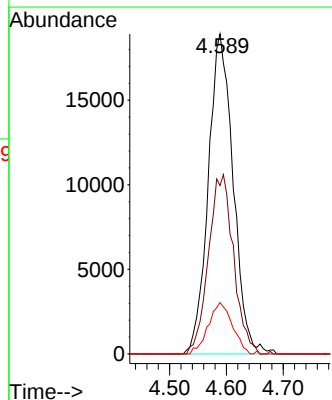
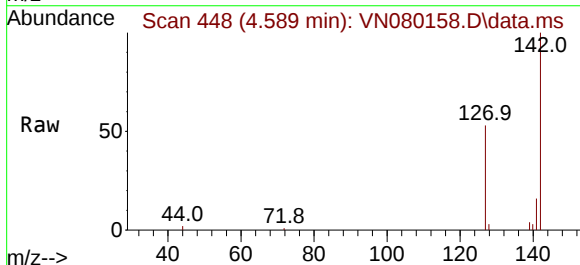
Manual Integrations
APPROVED

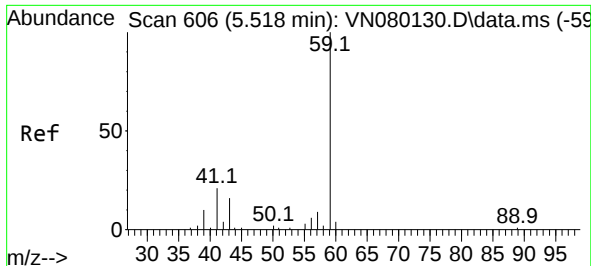
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#10
Methyl Iodide
Concen: 19.027 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

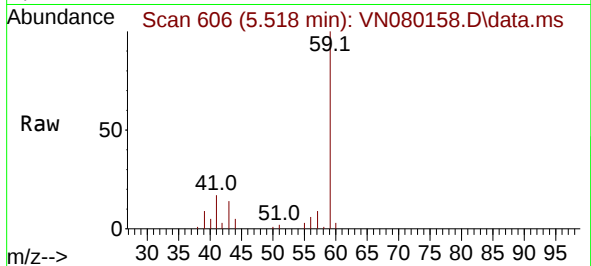
Tgt Ion:142 Resp: 57496
Ion Ratio Lower Upper
142 100
127 52.7 37.6 56.4
141 16.1 11.4 17.0





#11
Tert butyl alcohol
Concen: 105.690 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

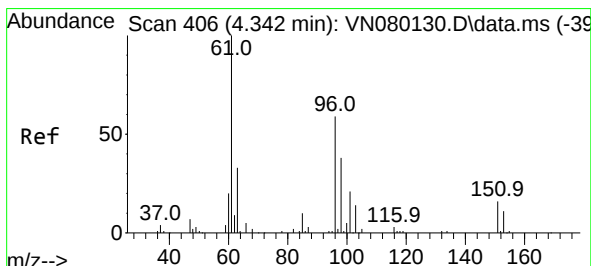
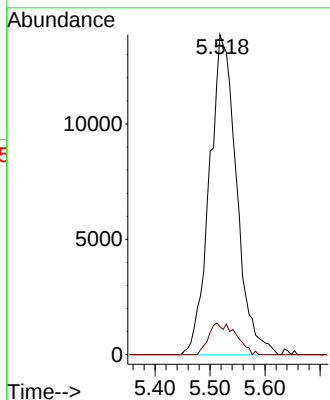
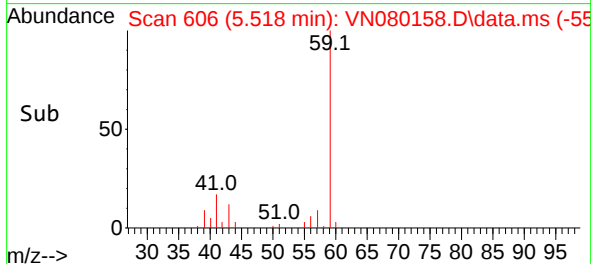
Instrument :
MSVOA_N
Client Sample Id :
VN1117WBSD01



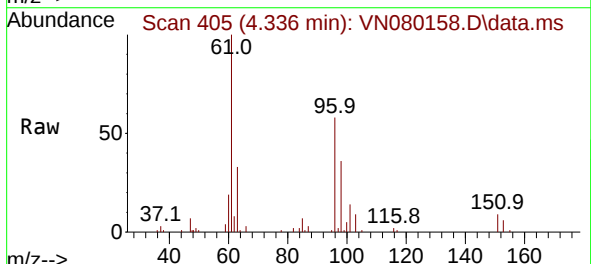
Tgt Ion: 59 Resp: 4748
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4

Manual Integrations
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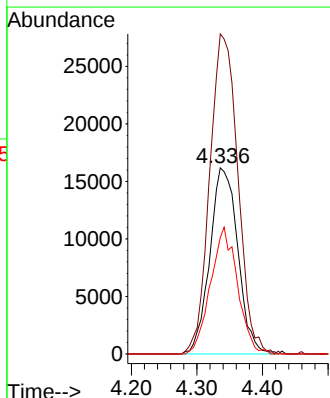
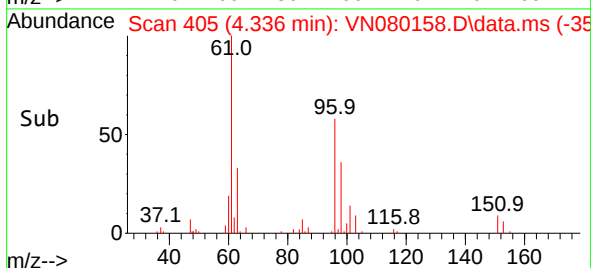
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#12
1,1-Dichloroethene
Concen: 18.329 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17



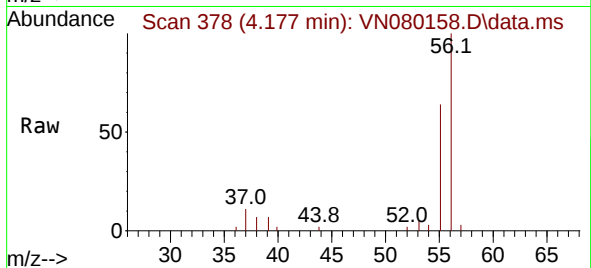
Tgt Ion: 96 Resp: 47936
Ion Ratio Lower Upper
96 100
61 172.0 112.7 169.1#
98 62.6 51.2 76.8





#13
Acrolein
Concen: 114.557 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

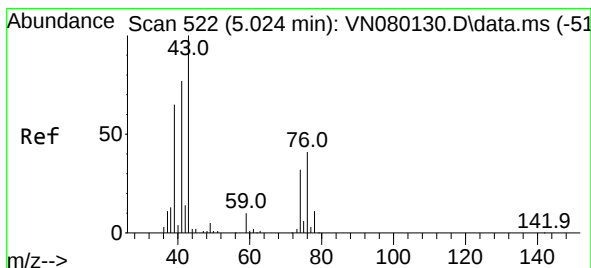
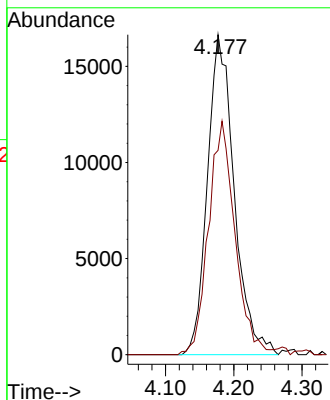
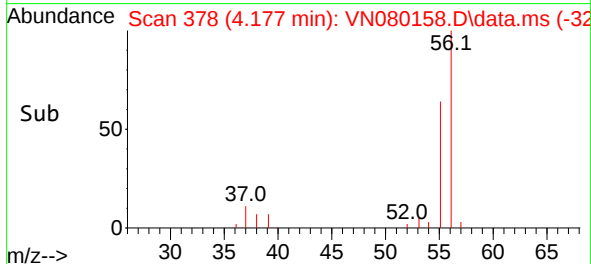
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



Tgt Ion: 56 Resp: 4555
Ion Ratio Lower Upper
56 100
55 72.1 54.5 81.7

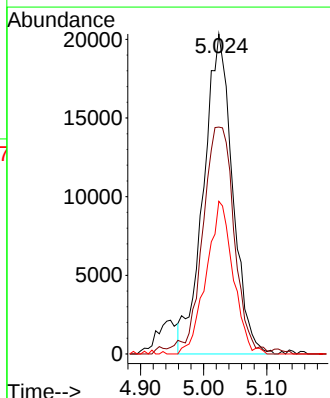
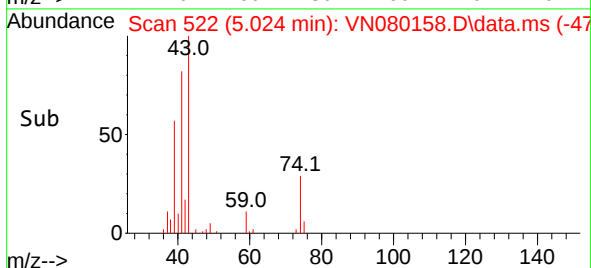
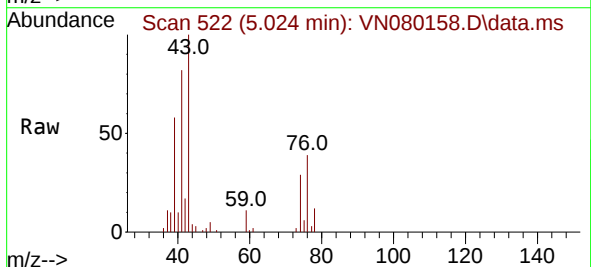
Manual Integrations
APPROVED

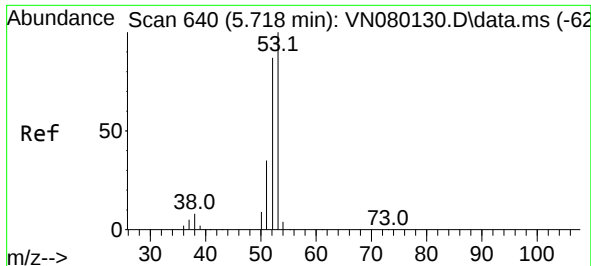
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#14
Allyl chloride
Concen: 19.759 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

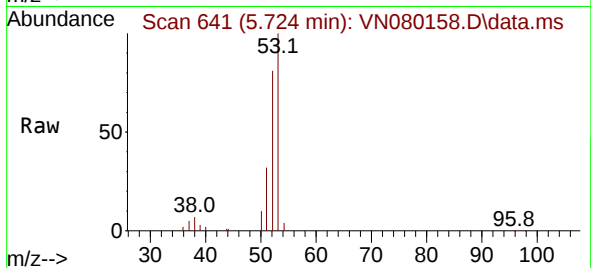
Tgt Ion: 41 Resp: 65017
Ion Ratio Lower Upper
41 100
39 75.5 58.8 88.2
76 44.1 39.1 58.7





#15
Acrylonitrile
Concen: 103.125 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

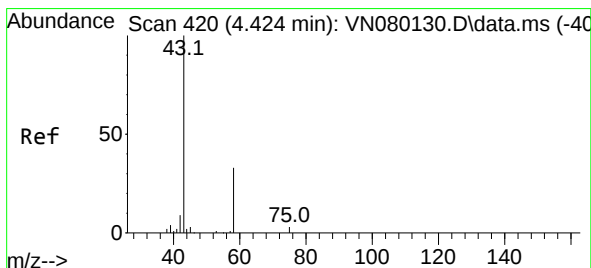
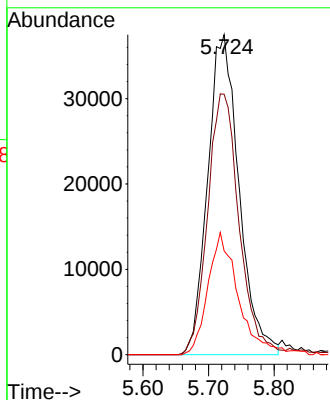
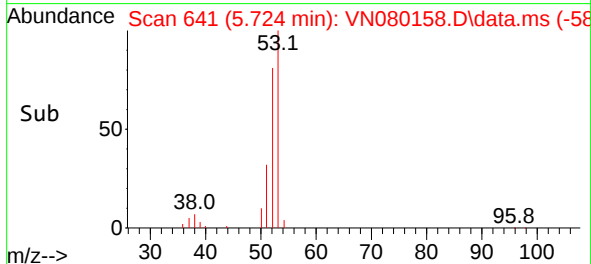
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



Tgt Ion: 53 Resp: 124380
Ion Ratio Lower Upper
53 100
52 81.8 65.3 97.9
51 36.9 28.9 43.3

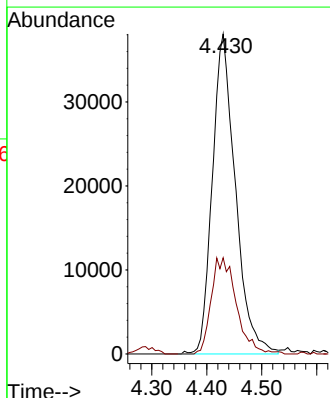
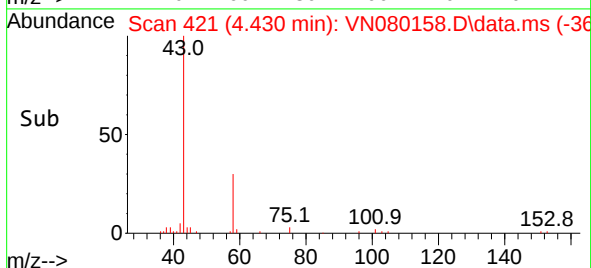
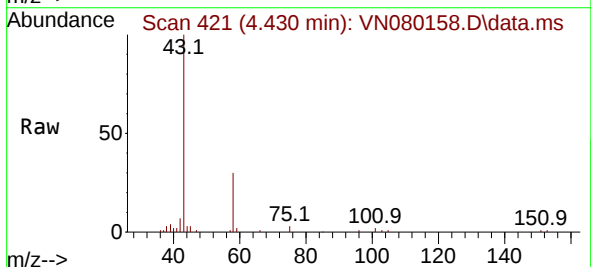
Manual Integrations
APPROVED

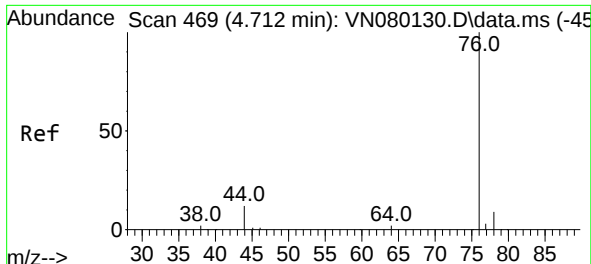
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#16
Acetone
Concen: 80.905 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

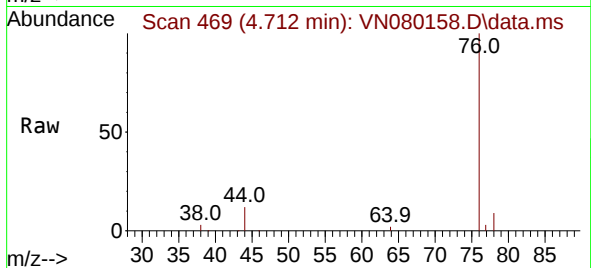
Tgt Ion: 43 Resp: 111026
Ion Ratio Lower Upper
43 100
58 30.1 28.0 42.0





#17
Carbon Disulfide
Concen: 17.404 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

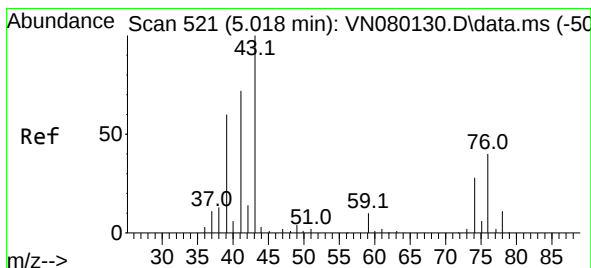
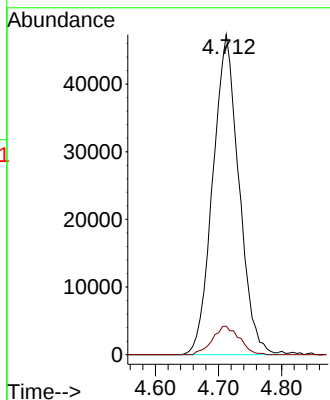
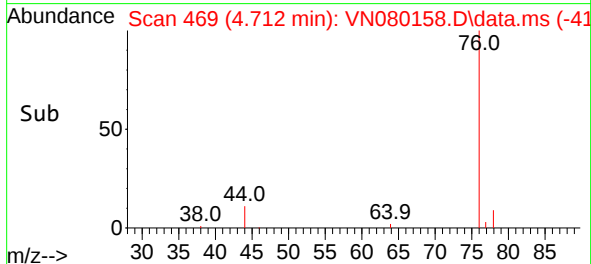
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



Tgt Ion: 76 Resp: 13590
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

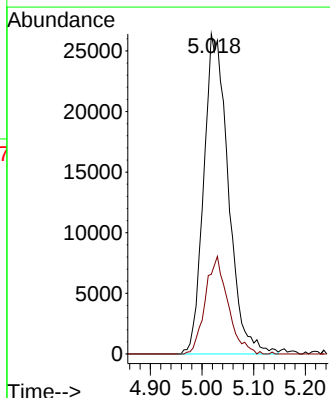
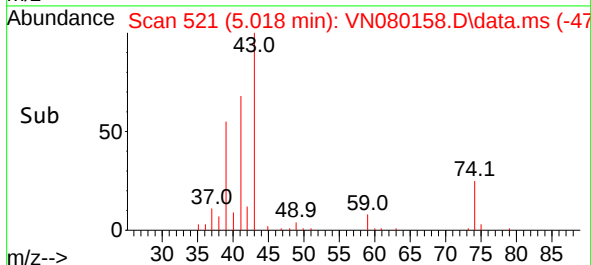
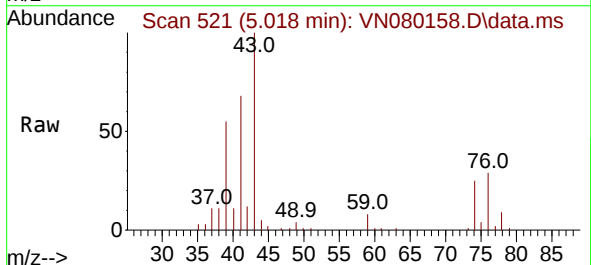
Manual Integrations
APPROVED

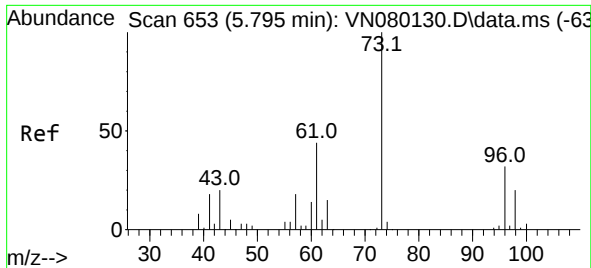
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#18
Methyl Acetate
Concen: 19.839 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

Tgt Ion: 43 Resp: 87474
Ion Ratio Lower Upper
43 100
74 28.0 26.2 39.4





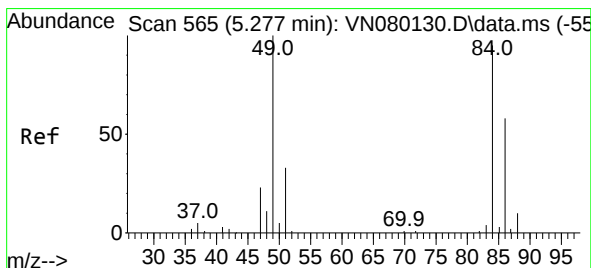
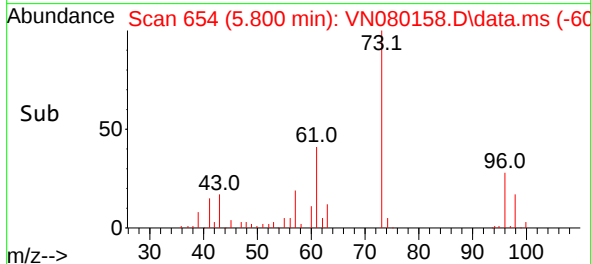
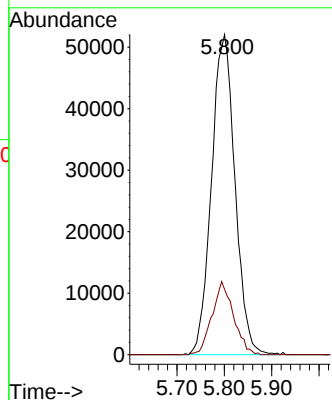
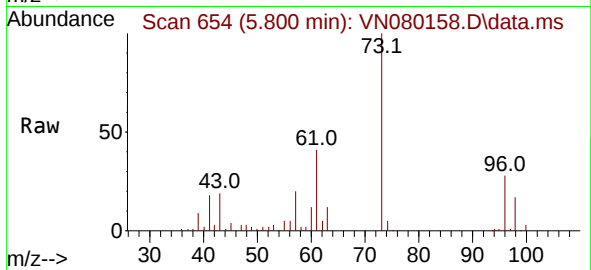
#19
Methyl tert-butyl Ether
Concen: 19.414 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

Tgt Ion: 73 Resp: 17930
Ion Ratio Lower Upper
73 100
57 20.5 15.6 23.4

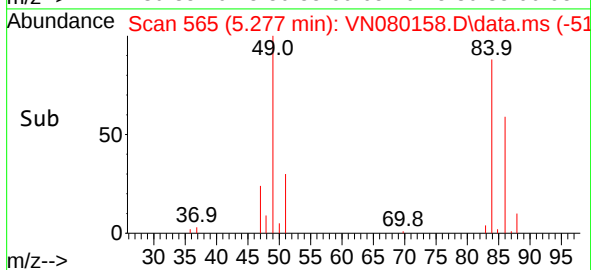
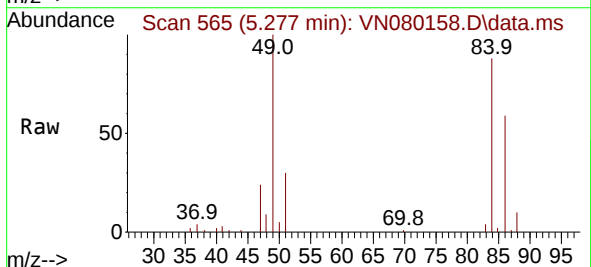
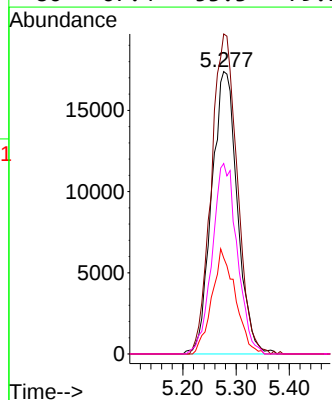
Manual Integrations
APPROVED

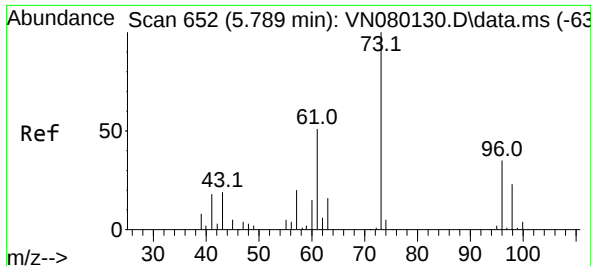
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#20
Methylene Chloride
Concen: 20.200 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

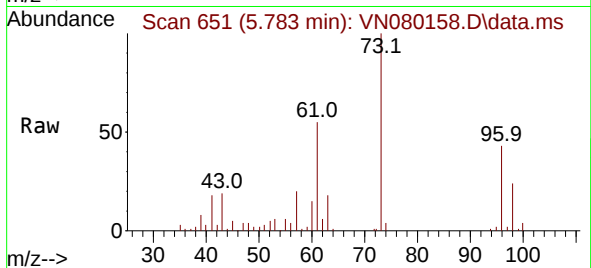
Tgt Ion: 84 Resp: 58052
Ion Ratio Lower Upper
84 100
49 113.3 79.7 119.5
51 34.0 25.2 37.8
86 67.4 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 19.112 ug/l
RT: 5.783 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

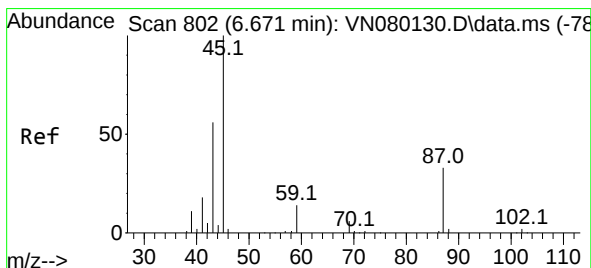
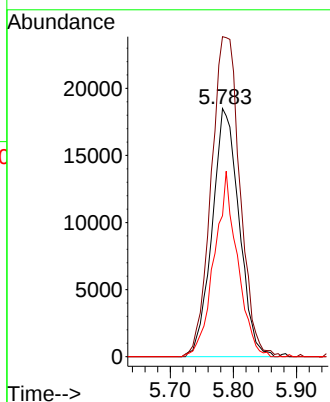
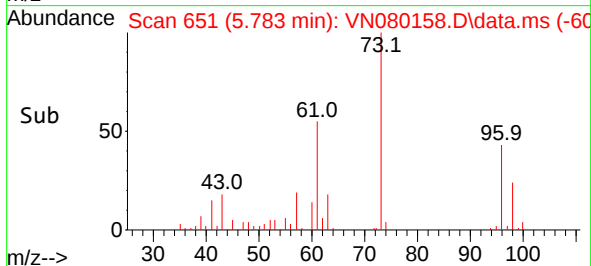
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



Tgt Ion: 96 Resp: 5491
Ion Ratio Lower Upper
96 100
61 129.0 90.1 135.1
98 56.8 46.4 69.6

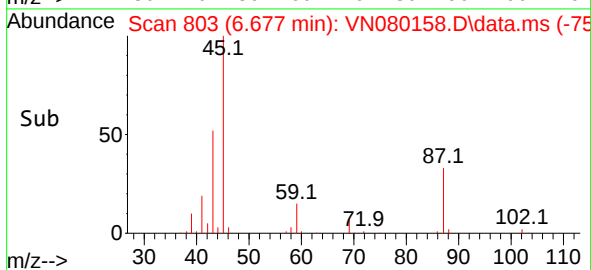
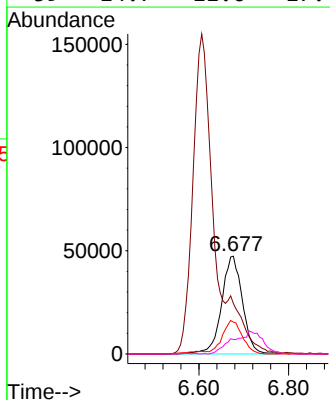
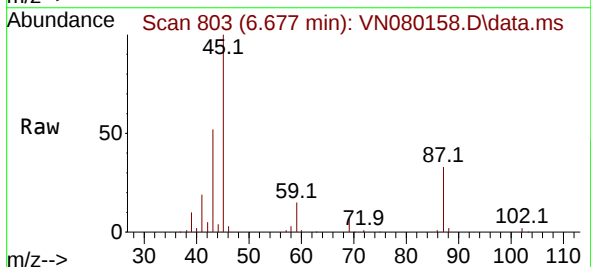
Manual Integrations
APPROVED

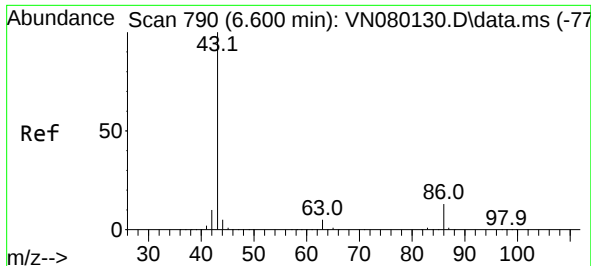
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#22
Diisopropyl ether
Concen: 20.979 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

Tgt Ion: 45 Resp: 152730
Ion Ratio Lower Upper
45 100
43 50.5 45.5 68.3
87 32.6 31.8 47.8
59 14.7 11.6 17.4





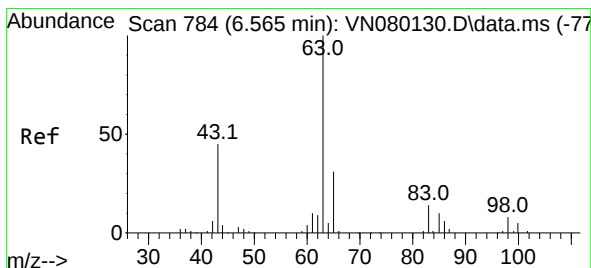
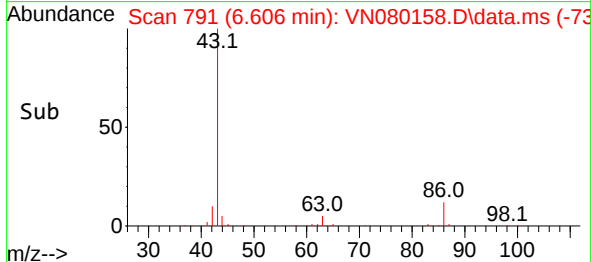
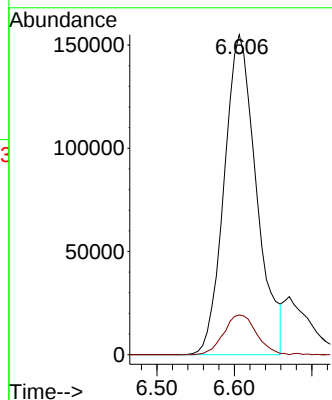
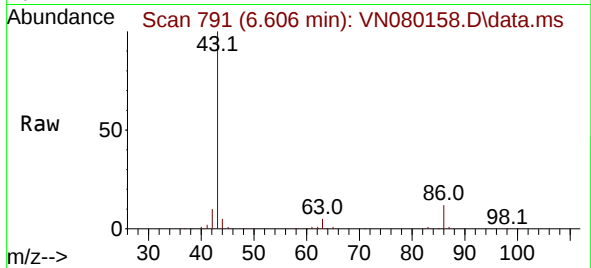
#23
 Vinyl Acetate
 Concen: 102.907 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080158.D
 Acq: 17 Nov 2023 13:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBSD01

Tgt Ion: 43 Resp: 450390
 Ion Ratio Lower Upper
 43 100
 86 12.4 13.0 19.6

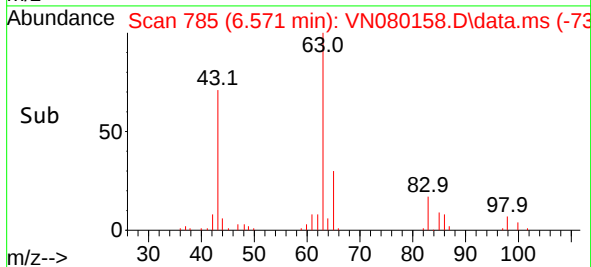
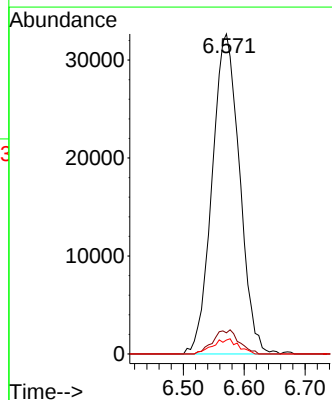
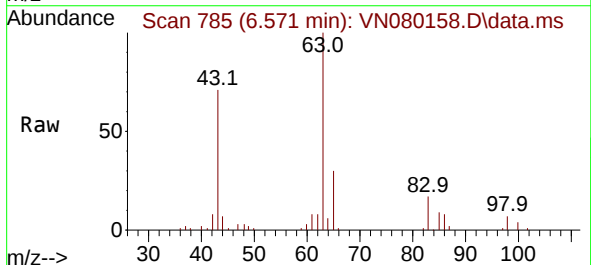
Manual Integrations
 APPROVED

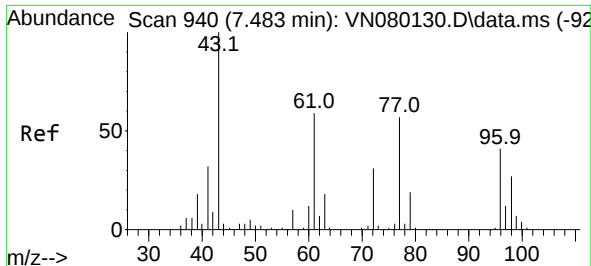
Reviewed By :John Carlone 11/18/2023
 Supervised By :Mahesh Dadoda 11/20/2023



#24
 1,1-Dichloroethane
 Concen: 19.299 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080158.D
 Acq: 17 Nov 2023 13:17

Tgt Ion: 63 Resp: 102331
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.7
 100 4.4 2.5 7.4





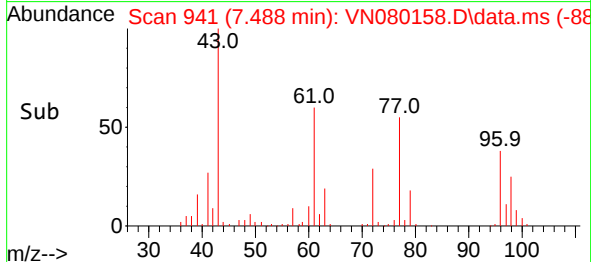
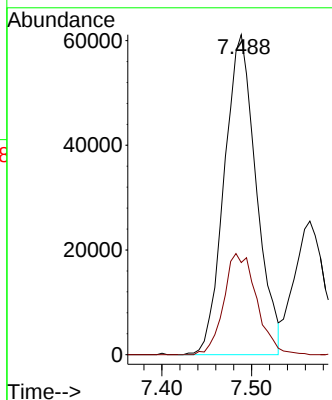
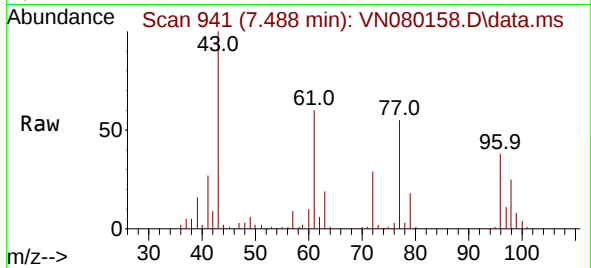
#25
2-Butanone
Concen: 92.878 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

Tgt Ion: 43 Resp: 15143
Ion Ratio Lower Upper
43 100
72 28.8 30.2 45.2

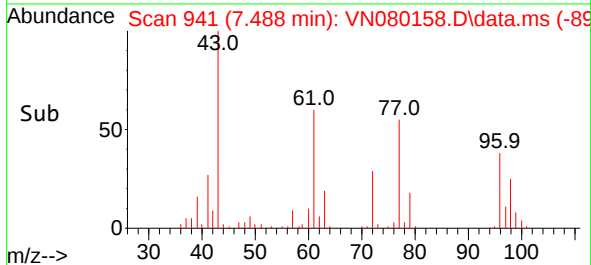
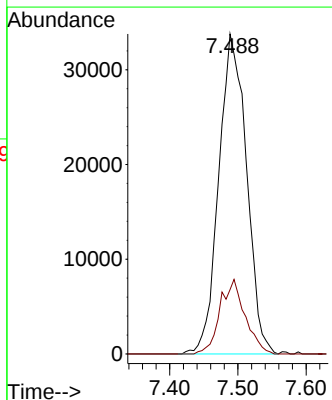
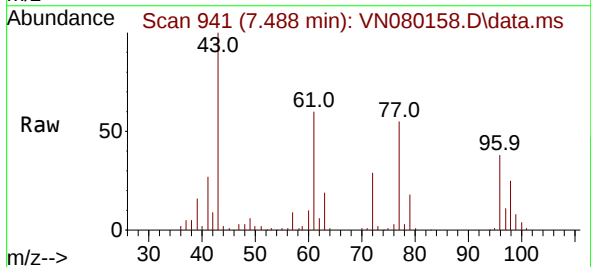
Manual Integrations
APPROVED

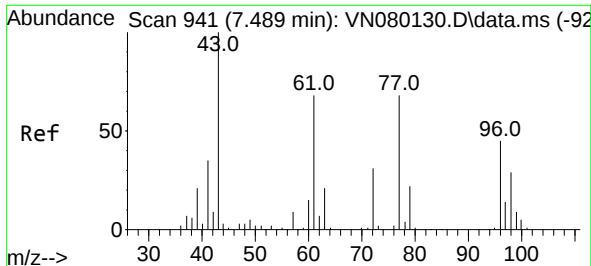
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#26
2,2-Dichloropropane
Concen: 18.167 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

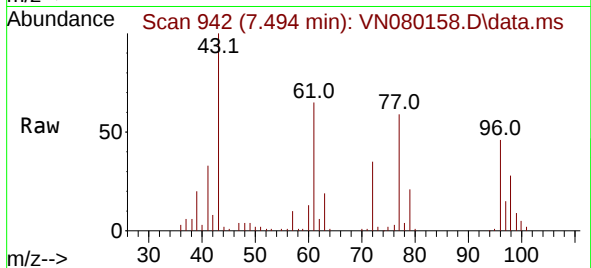
Tgt Ion: 77 Resp: 95569
Ion Ratio Lower Upper
77 100
97 21.1 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 20.381 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

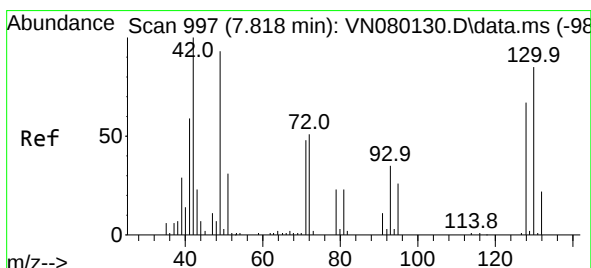
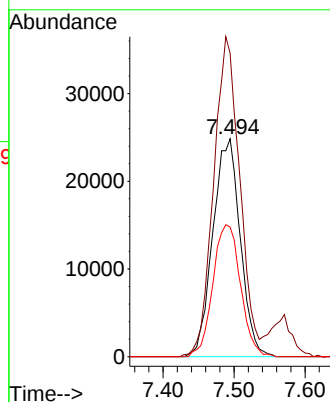
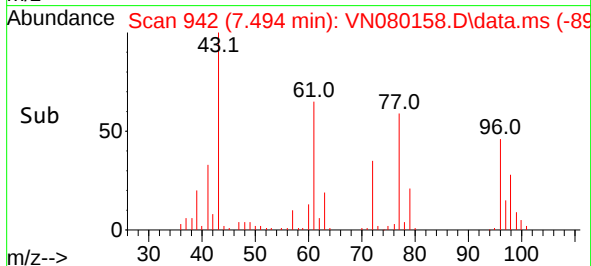
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



Tgt Ion: 96 Resp: 66389
Ion Ratio Lower Upper
96 100
61 139.9 0.0 255.2
98 61.2 0.0 128.8

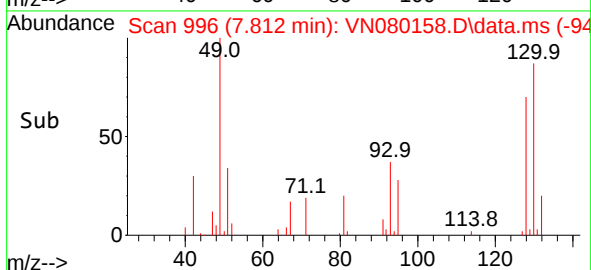
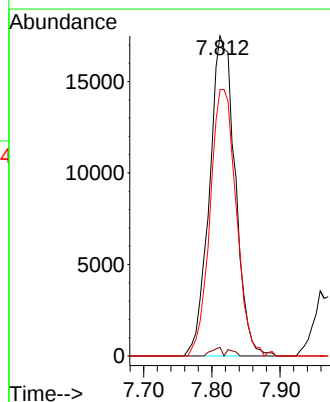
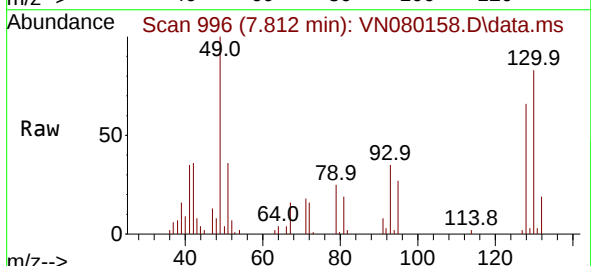
Manual Integrations
APPROVED

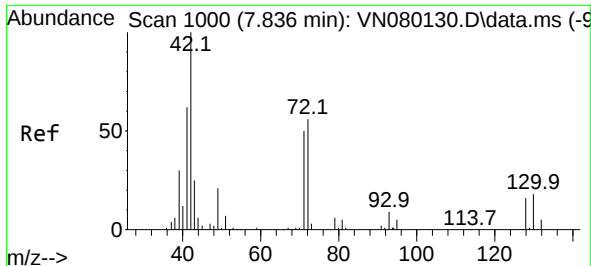
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#28
Bromochloromethane
Concen: 22.024 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

Tgt Ion: 49 Resp: 45910
Ion Ratio Lower Upper
49 100
129 1.0 0.0 4.8
130 84.7 75.3 112.9





#29

Tetrahydrofuran

Concen: 107.784 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN080158.D

Acq: 17 Nov 2023 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBSD01

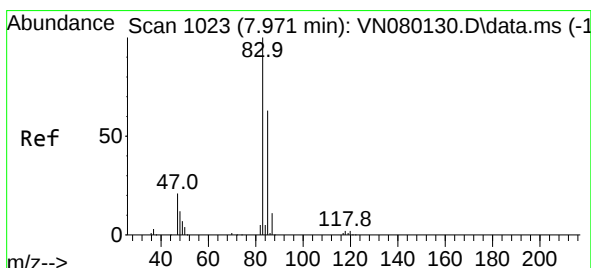
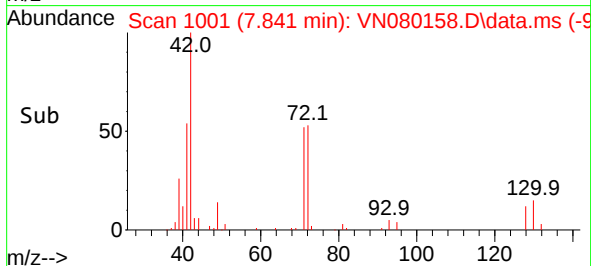
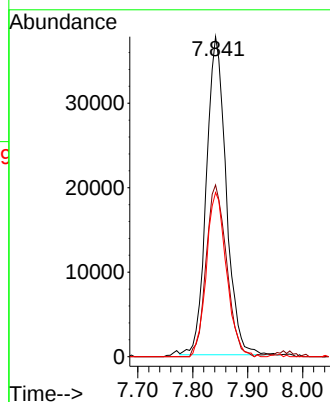
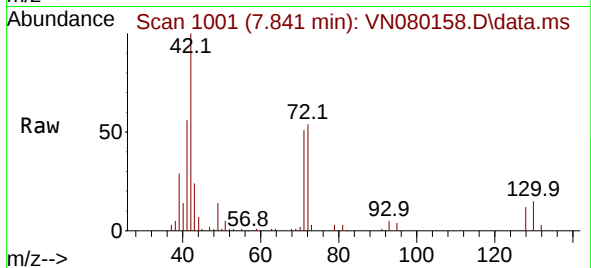
Tgt Ion:	42	Resp:	94349
Ion Ratio	Lower	Upper	
42	100		
72	55.7	49.8	74.6
71	52.3	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#30

Chloroform

Concen: 19.284 ug/l

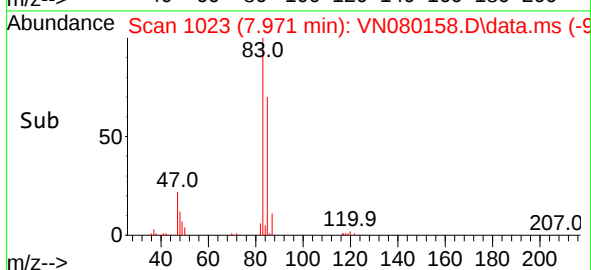
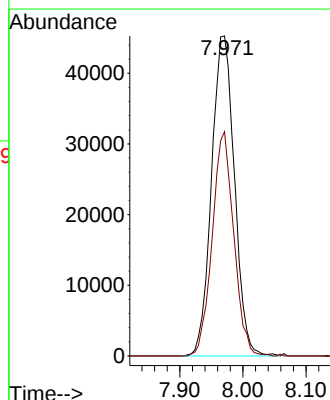
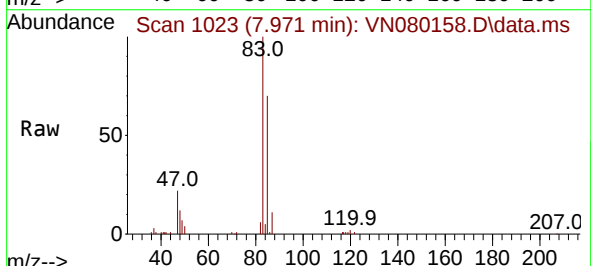
RT: 7.971 min Scan# 1023

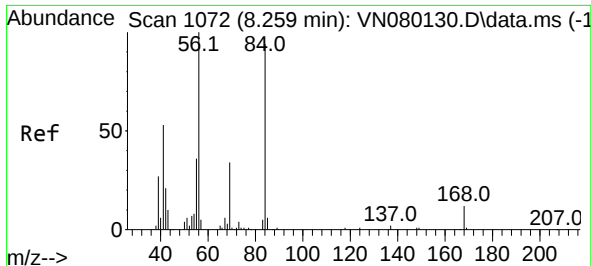
Delta R.T. -0.000 min

Lab File: VN080158.D

Acq: 17 Nov 2023 13:17

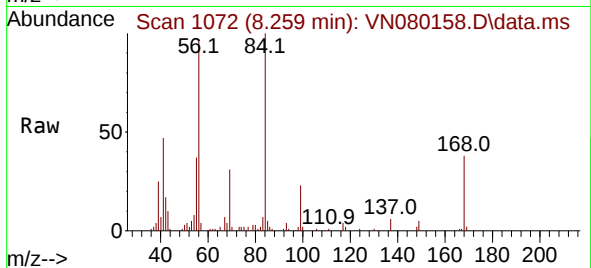
Tgt Ion:	83	Resp:	114283
Ion Ratio	Lower	Upper	
83	100		
85	70.1	55.4	83.0





#31
Cyclohexane
Concen: 18.517 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

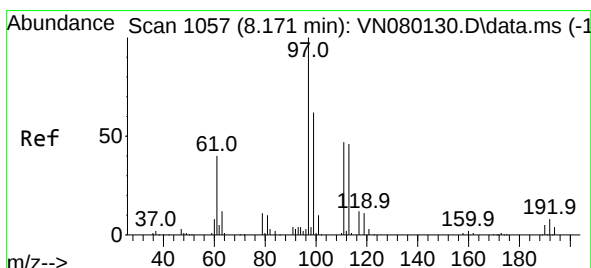
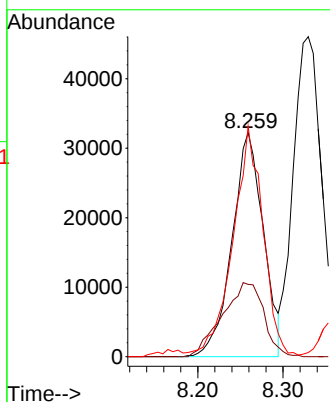
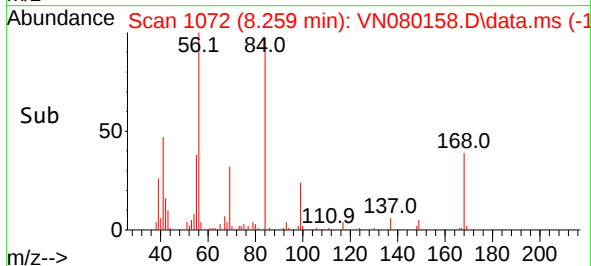
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



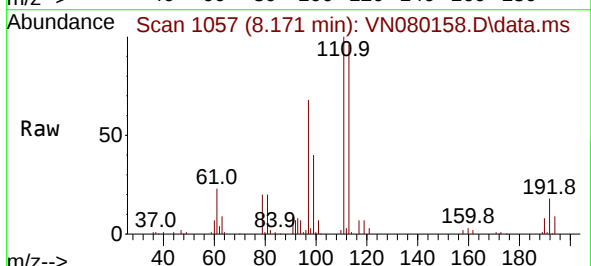
Tgt Ion: 56 Resp: 8227
Ion Ratio Lower Upper
56 100
69 32.3 26.8 40.2
84 100.1 81.8 122.6

Manual Integrations
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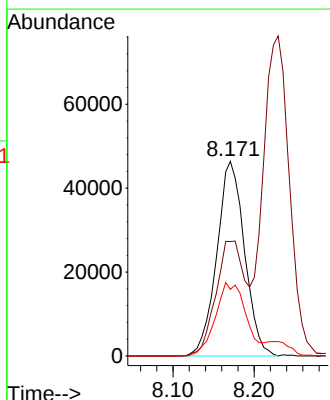
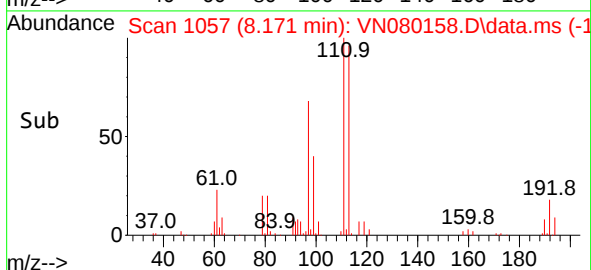
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

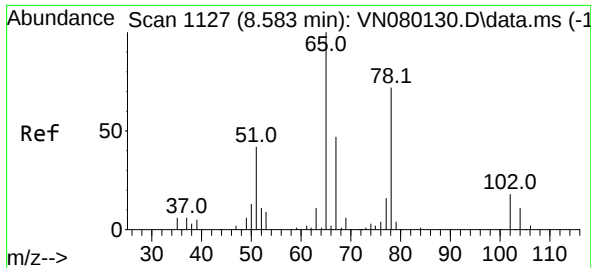


#32
1,1,1-Trichloroethane
Concen: 19.063 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17



Tgt Ion: 97 Resp: 110173
Ion Ratio Lower Upper
97 100
99 62.4 50.3 75.5
61 41.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.956 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080158.D

Acq: 17 Nov 2023 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBSD01

Tgt Ion: 65 Resp: 212279

Ion Ratio Lower Upper

65 100

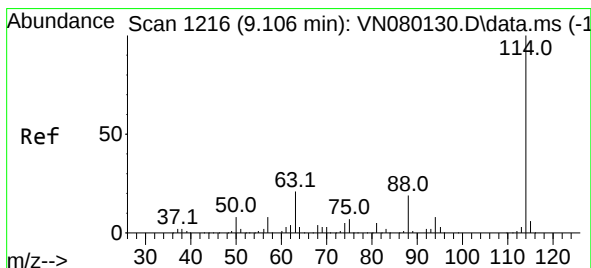
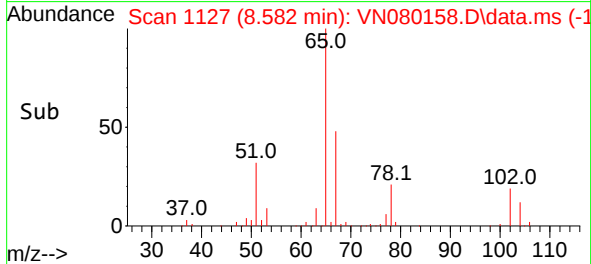
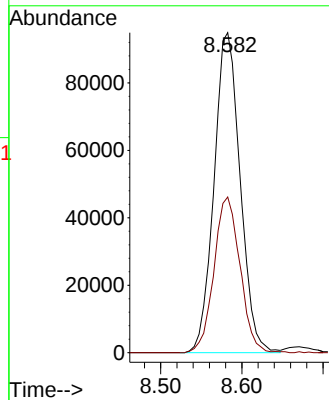
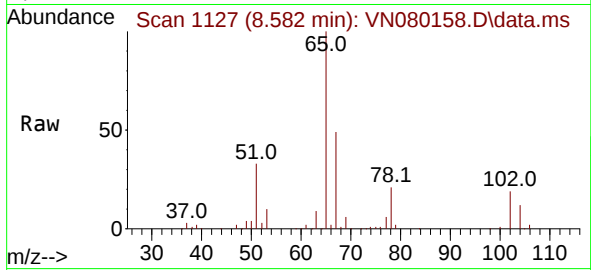
67 48.5 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN080158.D

Acq: 17 Nov 2023 13:17

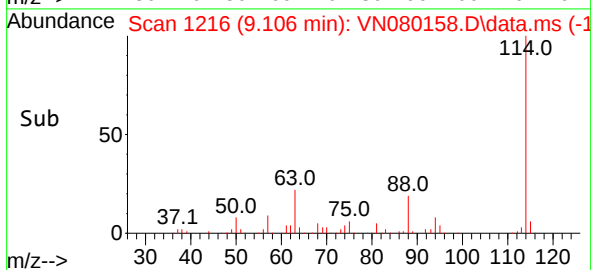
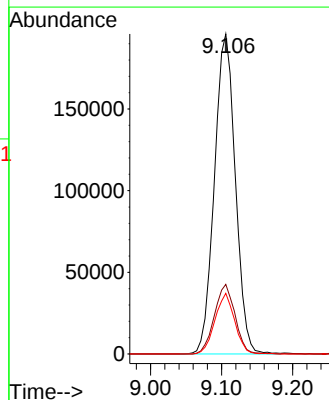
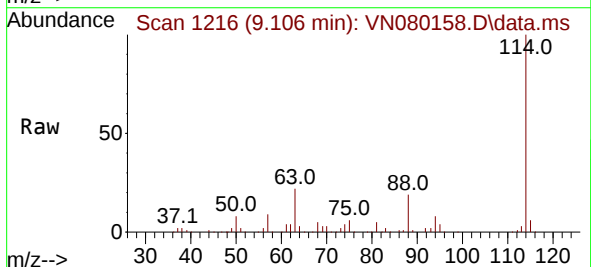
Tgt Ion:114 Resp: 400510

Ion Ratio Lower Upper

114 100

63 21.8 0.0 36.4

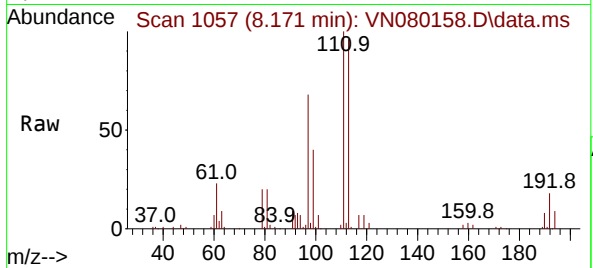
88 19.0 0.0 30.6





#35
Dibromofluoromethane
Concen: 51.383 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

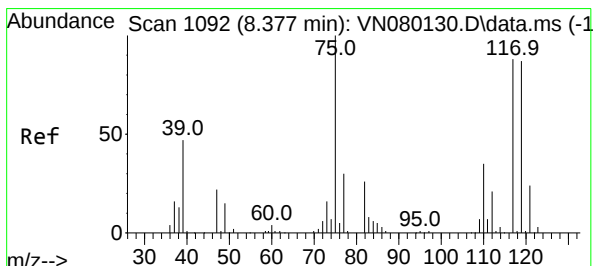
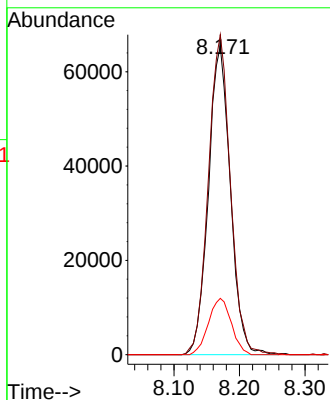
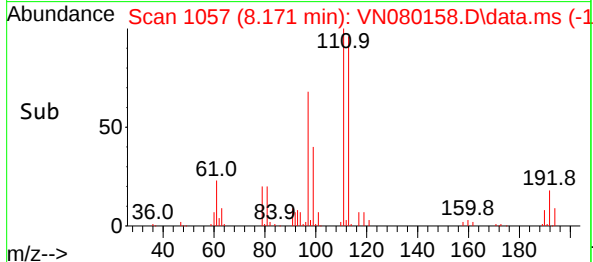
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



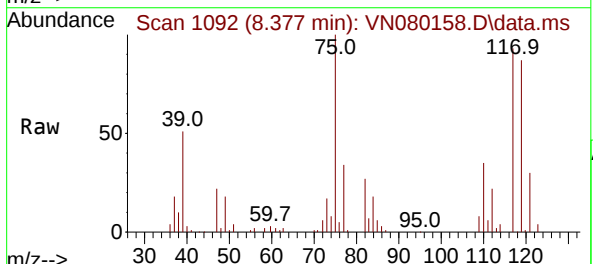
Tgt Ion: 113 Resp: 15184
Ion Ratio Lower Upper
113 100
111 104.6 82.6 123.8
192 19.0 12.7 19.1

Manual Integrations
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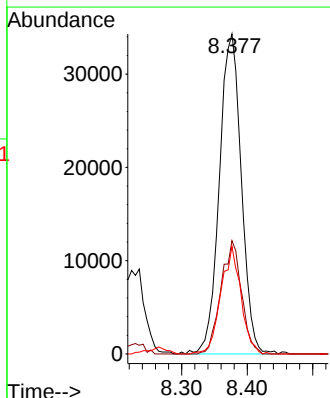
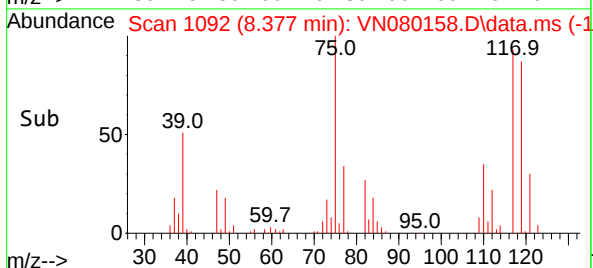
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

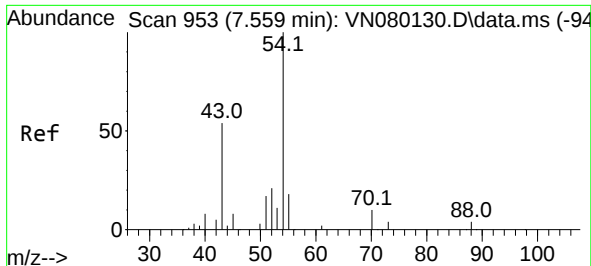


#36
1,1-Dichloropropene
Concen: 18.669 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17



Tgt Ion: 75 Resp: 79877
Ion Ratio Lower Upper
75 100
110 33.2 19.1 57.3
77 30.7 25.0 37.4





#37

Ethyl Acetate

Concen: 21.295 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080158.D

Acq: 17 Nov 2023 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBSD01

Tgt Ion: 43 Resp: 6319

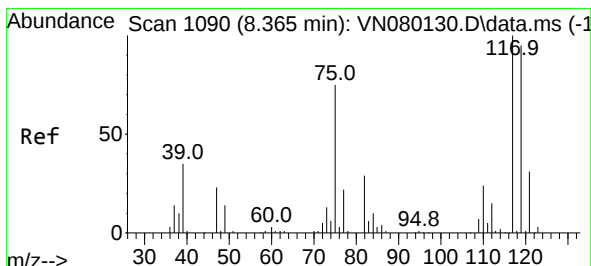
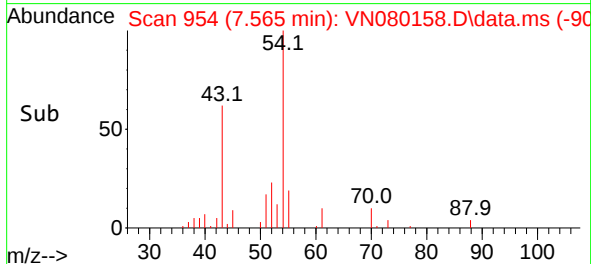
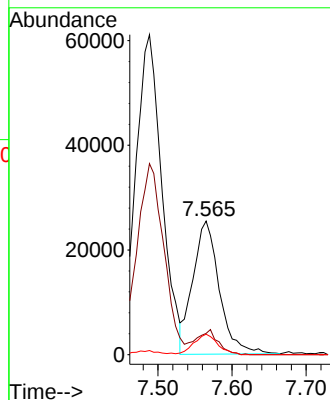
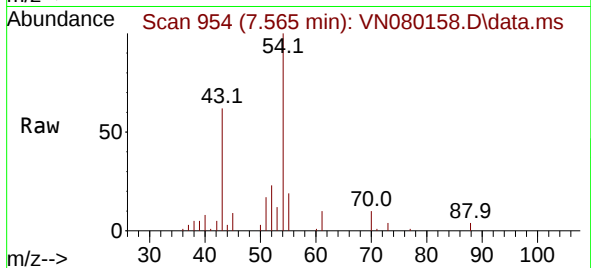
Ion	Ratio	Lower	Upper
43	100		
61	14.8	13.2	19.8
70	13.9	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#38

Carbon Tetrachloride

Concen: 18.272 ug/l

RT: 8.365 min Scan# 1090

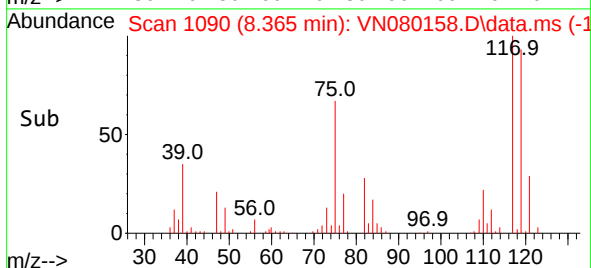
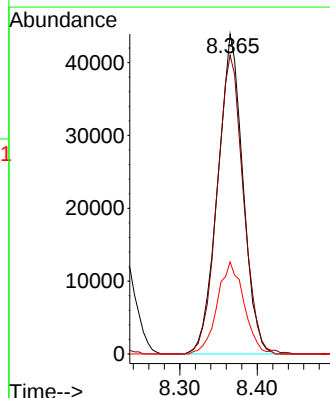
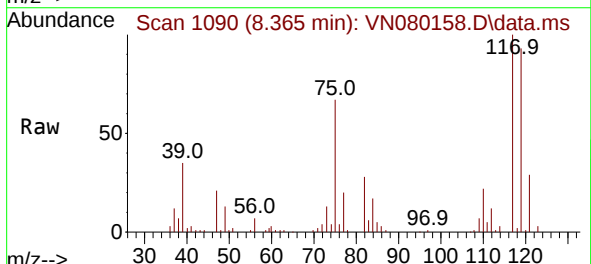
Delta R.T. -0.000 min

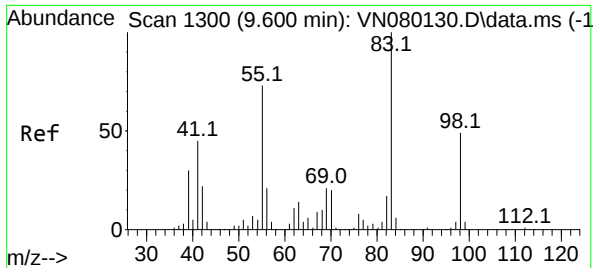
Lab File: VN080158.D

Acq: 17 Nov 2023 13:17

Tgt Ion:117 Resp: 99207

Ion	Ratio	Lower	Upper
117	100		
119	93.4	77.3	115.9
121	28.8	23.3	34.9





#39

Methylcyclohexane

Concen: 18.356 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN080158.D

Acq: 17 Nov 2023 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBSD01

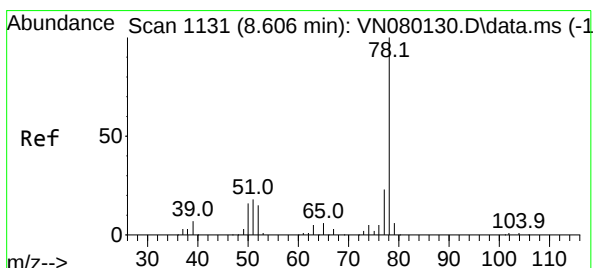
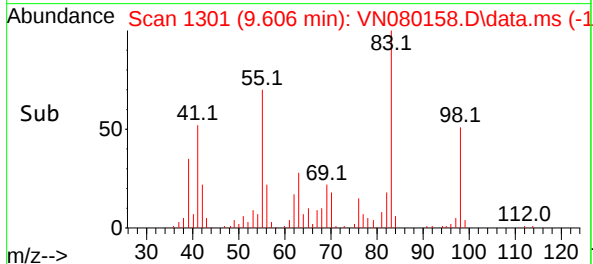
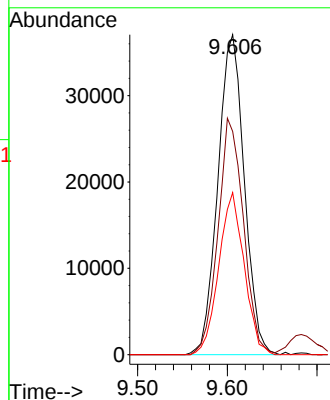
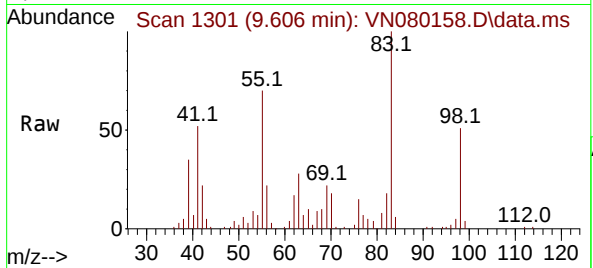
Tgt Ion: 83 Resp: 75720
 Ion Ratio Lower Upper
 83 100
 55 69.7 49.1 73.7
 98 50.7 40.6 61.0

Manual Integrations

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Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#40

Benzene

Concen: 19.013 ug/l

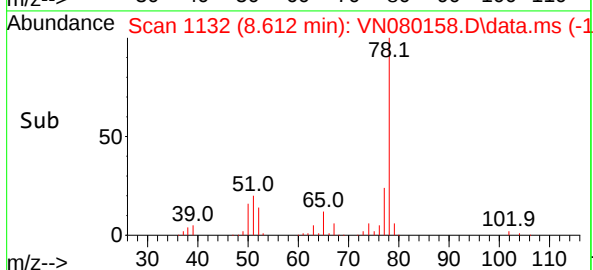
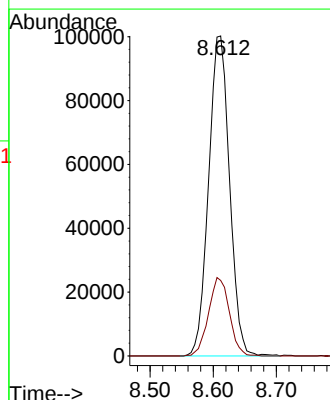
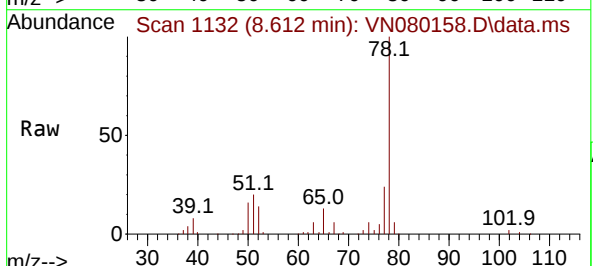
RT: 8.612 min Scan# 1132

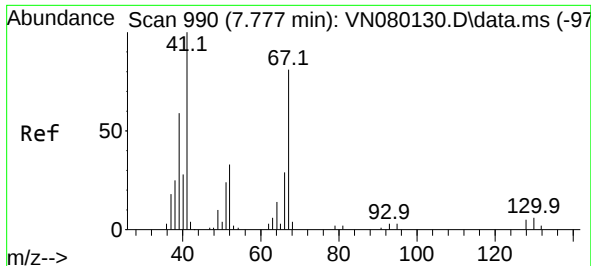
Delta R.T. 0.006 min

Lab File: VN080158.D

Acq: 17 Nov 2023 13:17

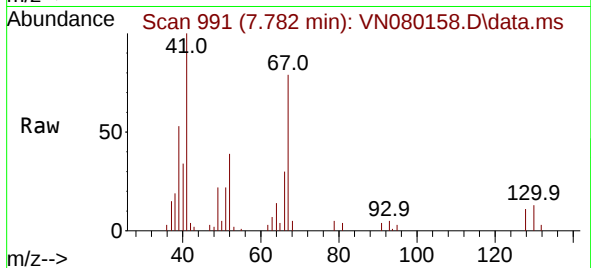
Tgt Ion: 78 Resp: 231200
 Ion Ratio Lower Upper
 78 100
 77 23.6 19.0 28.6





#41
Methacrylonitrile
Concen: 21.355 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

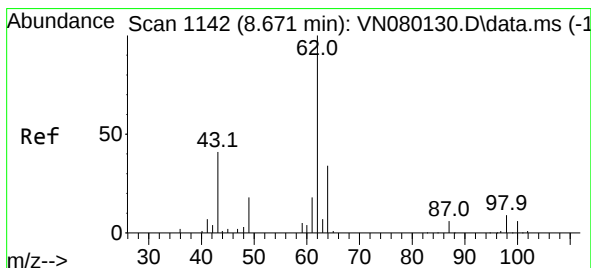
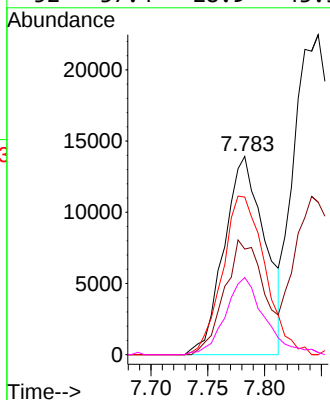
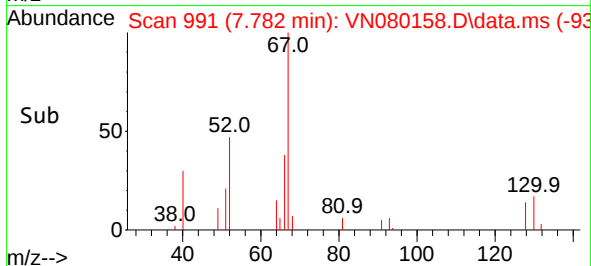
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



Tgt Ion: 41 Resp: 3480
Ion Ratio Lower Upper
41 100
39 56.0 42.6 64.0
67 83.0 77.5 116.3
52 37.4 28.9 43.3

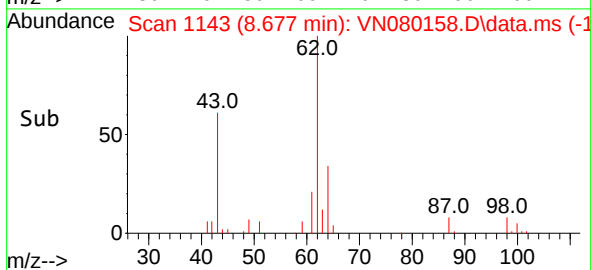
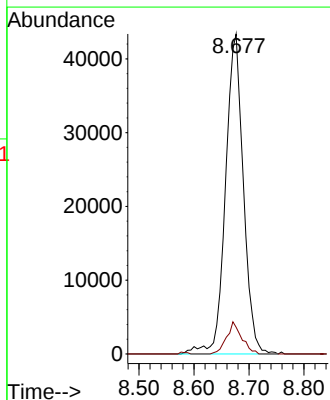
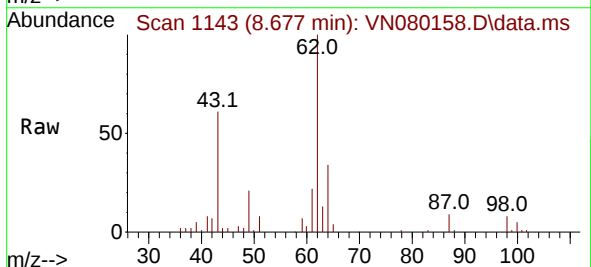
Manual Integrations
APPROVED

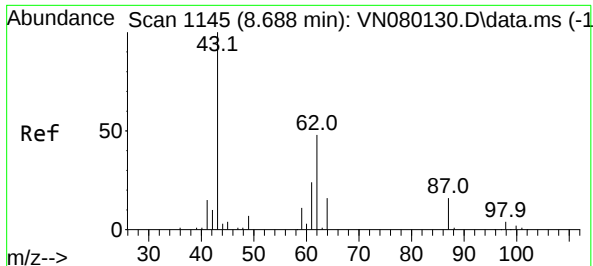
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#42
1,2-Dichloroethane
Concen: 19.691 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

Tgt Ion: 62 Resp: 97966
Ion Ratio Lower Upper
62 100
98 8.5 0.0 19.8





#43

Isopropyl Acetate

Concen: 18.198 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN080158.D

Acq: 17 Nov 2023 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBSD01

Tgt Ion: 43 Resp: 10509

Ion Ratio Lower Upper

43 100

61 30.3 24.7 37.1

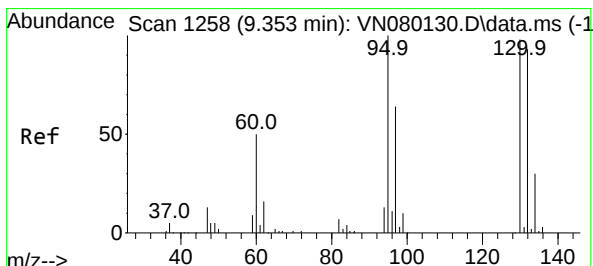
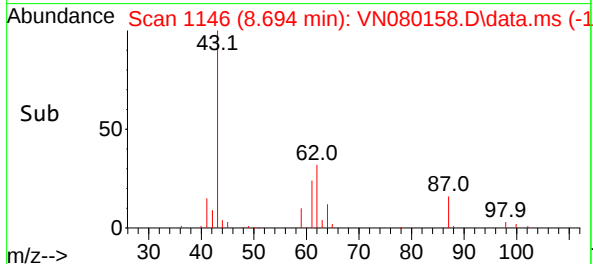
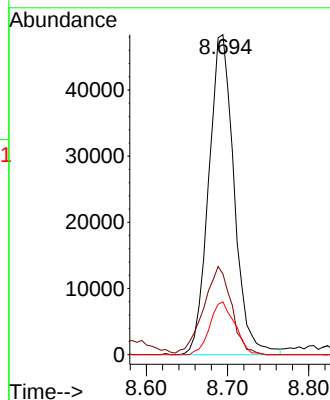
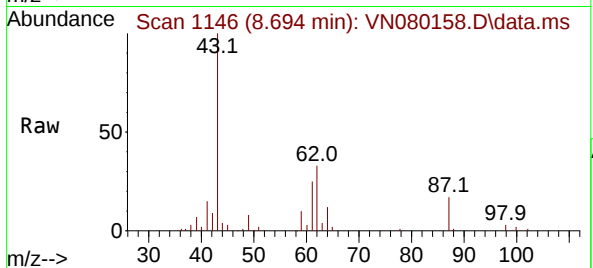
87 16.3 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#44

Trichloroethene

Concen: 18.348 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VN080158.D

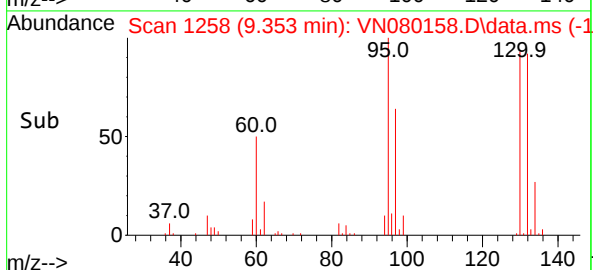
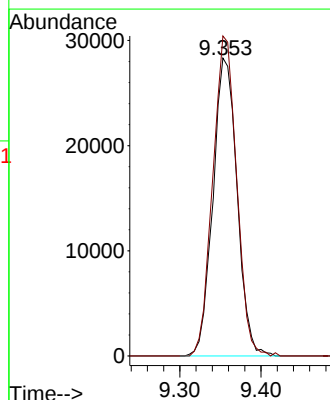
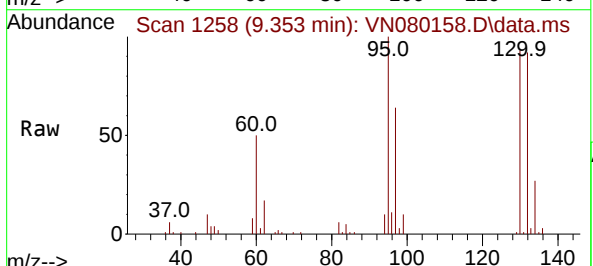
Acq: 17 Nov 2023 13:17

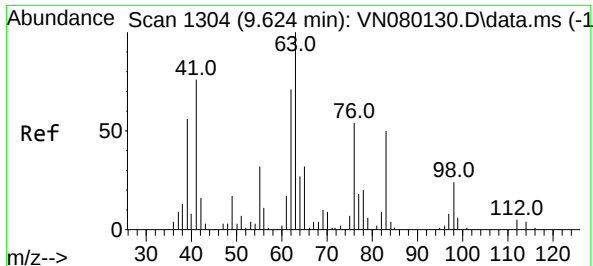
Tgt Ion:130 Resp: 58526

Ion Ratio Lower Upper

130 100

95 107.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.631 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN080158.D

Acq: 17 Nov 2023 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBSD01

Tgt Ion: 63 Resp: 55470

Ion Ratio Lower Upper

63 100

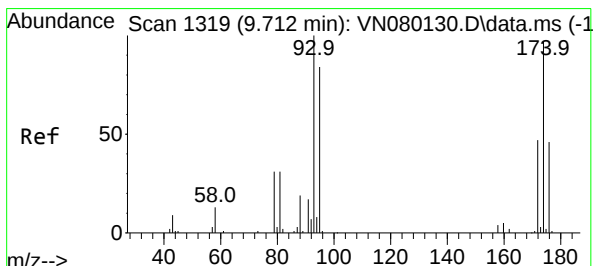
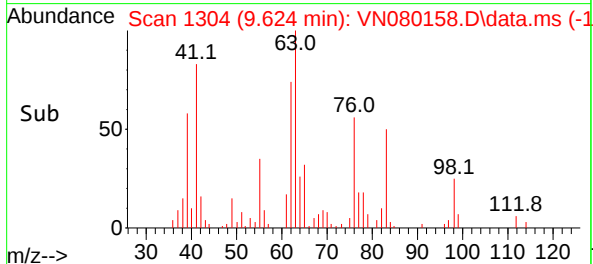
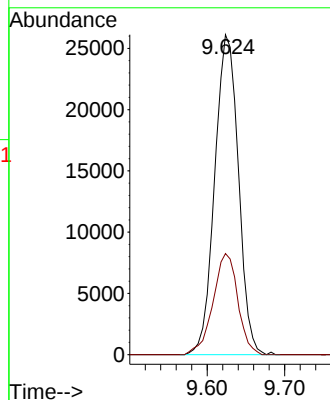
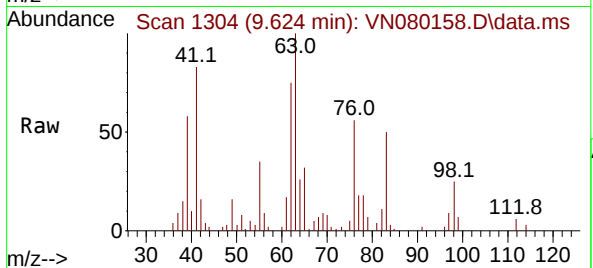
65 31.6 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#46

Dibromomethane

Concen: 19.740 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080158.D

Acq: 17 Nov 2023 13:17

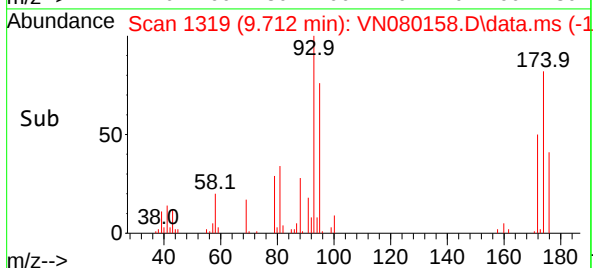
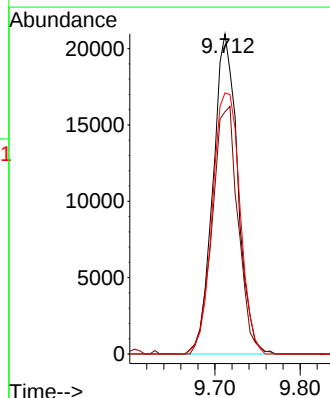
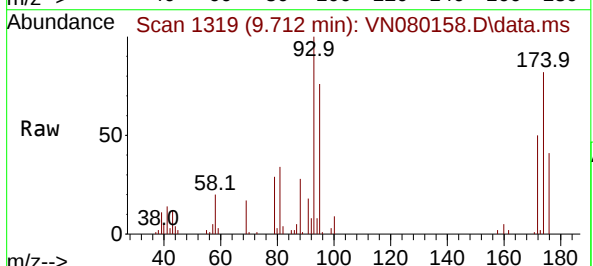
Tgt Ion: 93 Resp: 42228

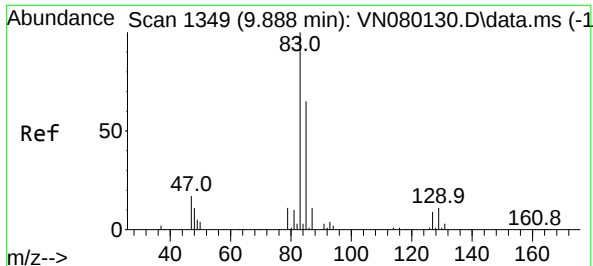
Ion Ratio Lower Upper

93 100

95 80.7 63.8 95.8

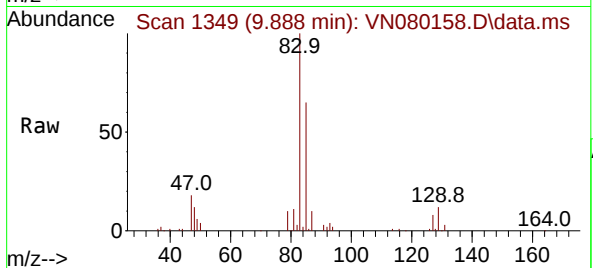
174 90.9 65.6 98.4





#47
Bromodichloromethane
Concen: 19.113 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

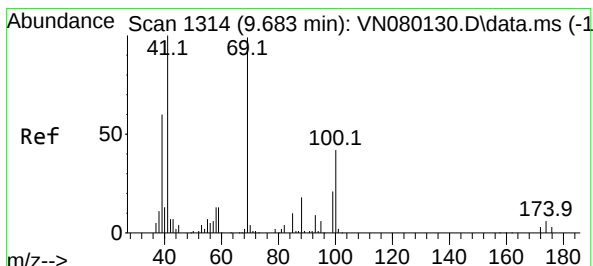
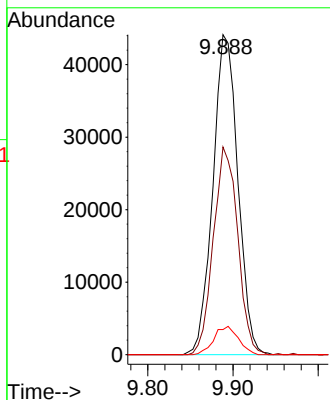
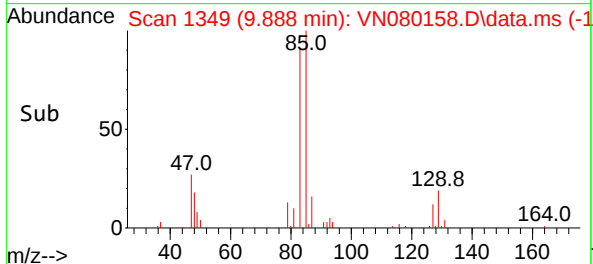
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



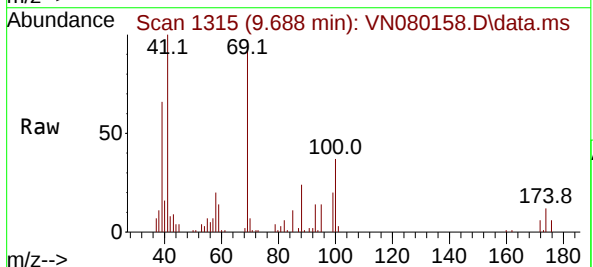
Tgt Ion: 83 Resp: 89938
Ion Ratio Lower Upper
83 100
85 64.9 49.6 74.4
127 7.8 7.0 10.6

Manual Integrations
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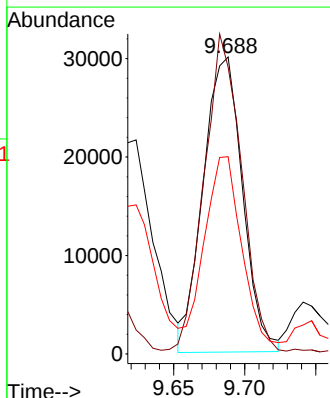
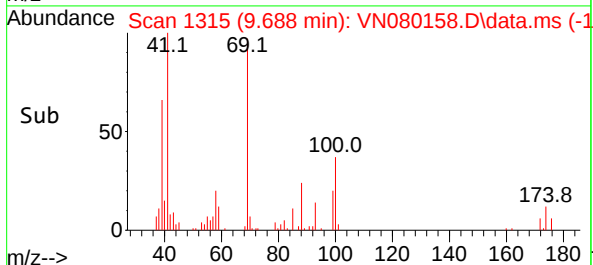
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

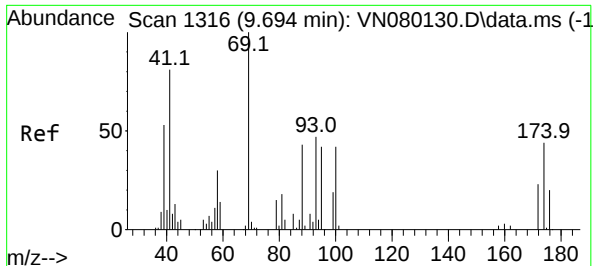


#48
Methyl methacrylate
Concen: 19.440 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17



Tgt Ion: 41 Resp: 57857
Ion Ratio Lower Upper
41 100
69 102.1 90.4 135.6
39 65.7 54.6 81.8





#49

1,4-Dioxane

Concen: 410.541 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080158.D

Acq: 17 Nov 2023 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBSD01

Tgt Ion: 88 Resp: 2032

Ion Ratio Lower Upper

88 100

43 31.6 17.0 25.6

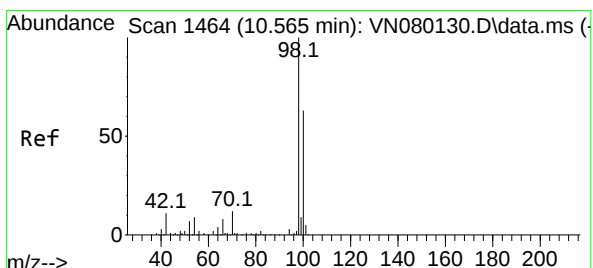
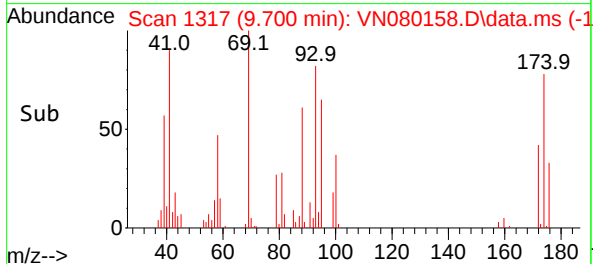
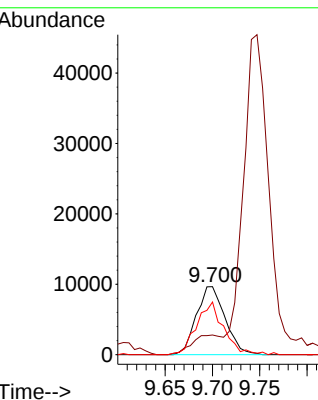
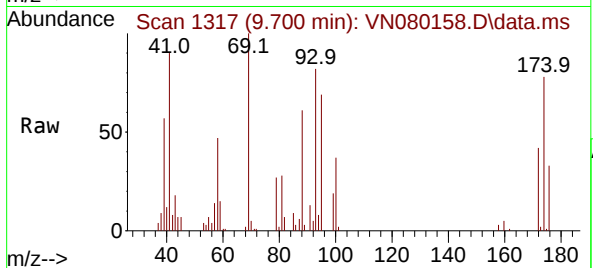
58 73.9 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#50

Toluene-d8

Concen: 53.252 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080158.D

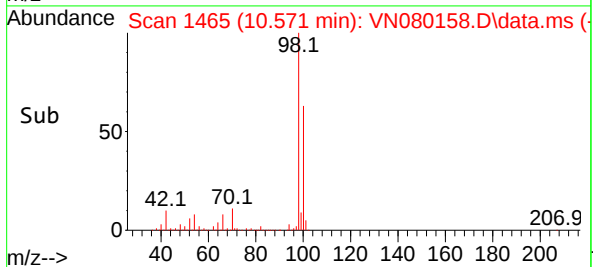
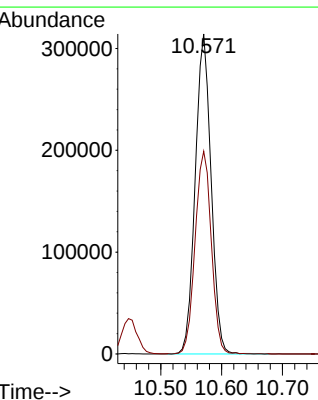
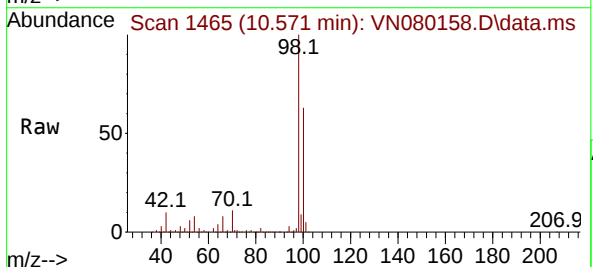
Acq: 17 Nov 2023 13:17

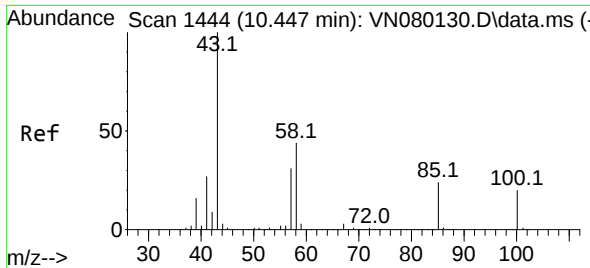
Tgt Ion: 98 Resp: 567297

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0





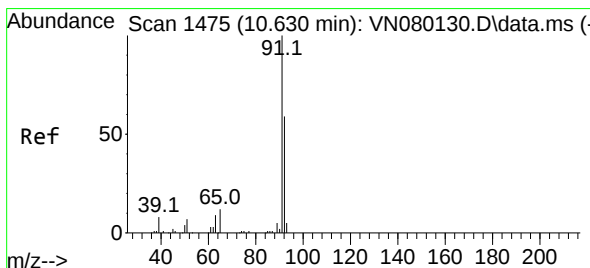
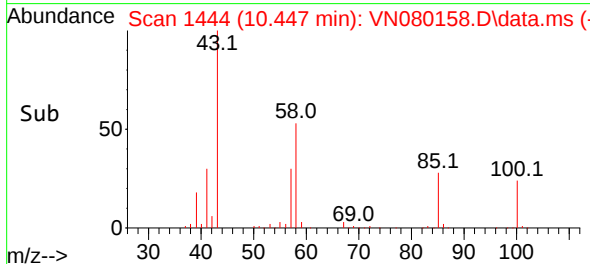
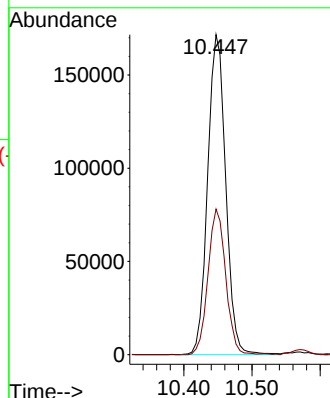
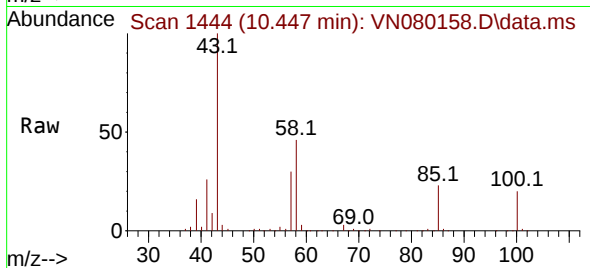
#51
4-Methyl-2-Pentanone
Concen: 105.869 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

Tgt Ion: 43 Resp: 31654
Ion Ratio Lower Upper
43 100
58 44.6 36.6 54.8

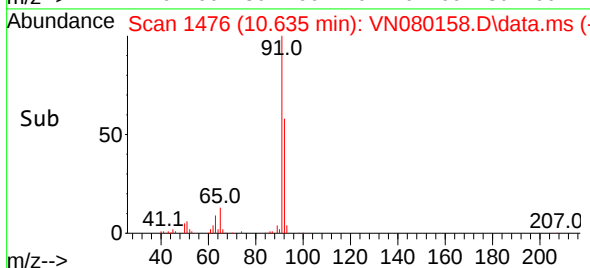
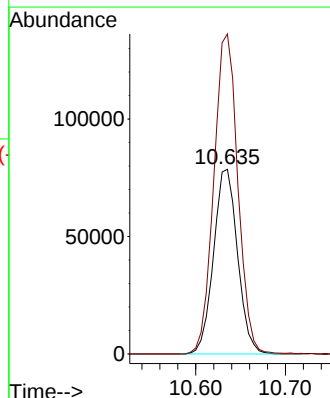
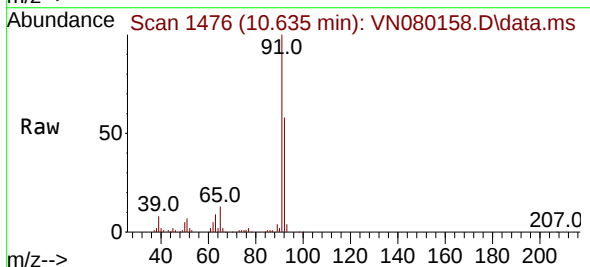
Manual Integrations
APPROVED

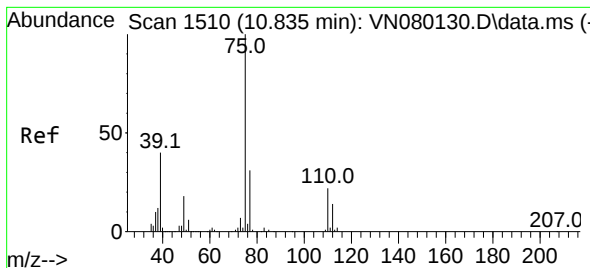
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#52
Toluene
Concen: 19.159 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

Tgt Ion: 92 Resp: 145801
Ion Ratio Lower Upper
92 100
91 173.7 137.4 206.0





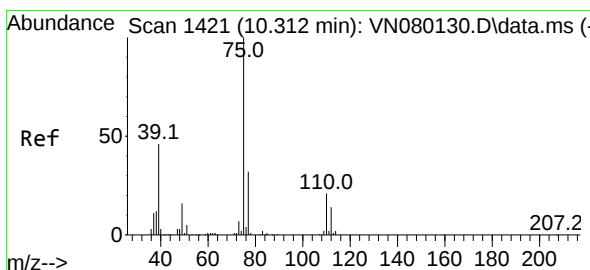
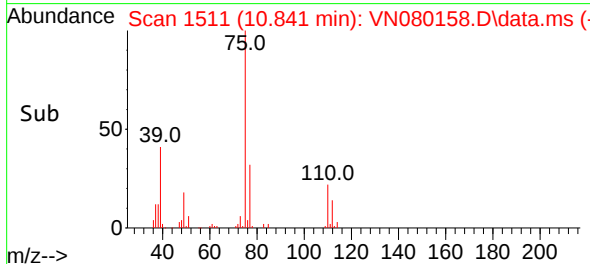
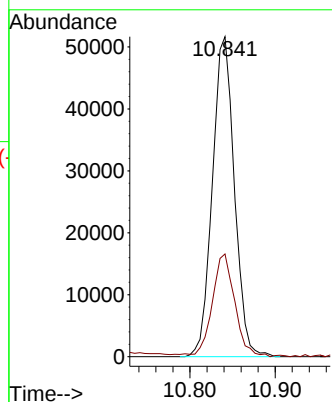
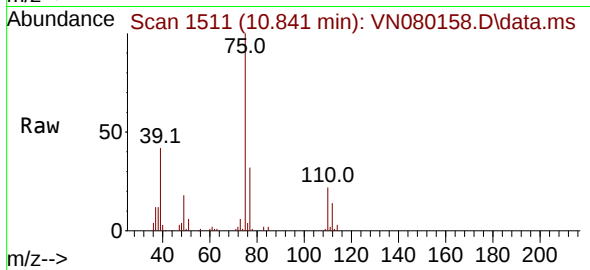
#53
t-1,3-Dichloropropene
Concen: 19.143 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

Tgt Ion: 75 Resp: 92548
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0

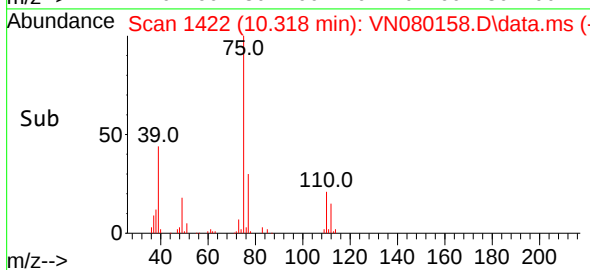
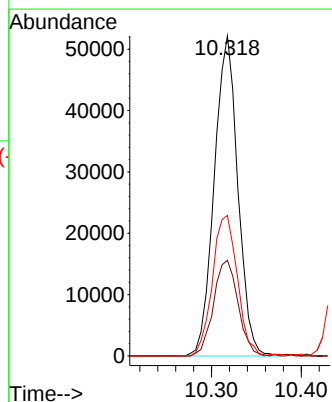
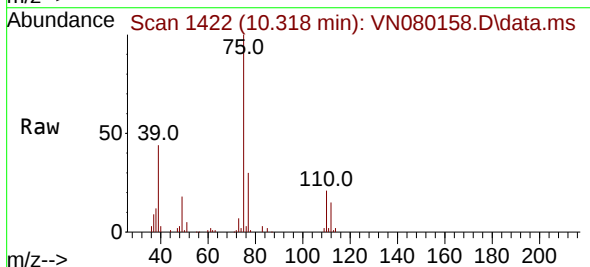
Manual Integrations
APPROVED

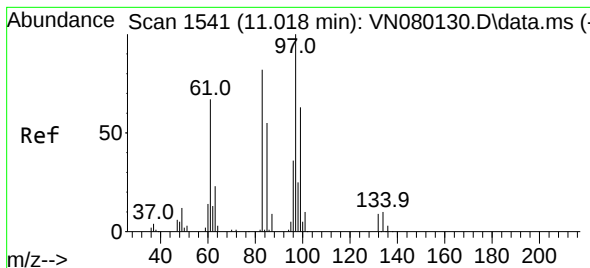
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#54
cis-1,3-Dichloropropene
Concen: 19.255 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

Tgt Ion: 75 Resp: 95107
Ion Ratio Lower Upper
75 100
77 29.9 26.1 39.1
39 43.9 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 20.226 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN080158.D

Acq: 17 Nov 2023 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBSD01

Tgt Ion: 97 Resp: 5874

Ion Ratio Lower Upper

97 100

83 90.3 65.1 97.7

85 62.3 43.4 65.2

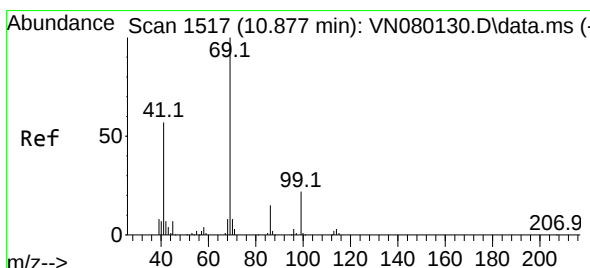
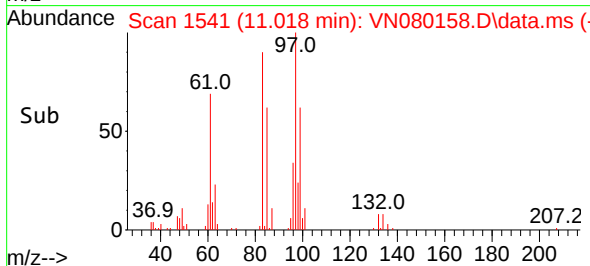
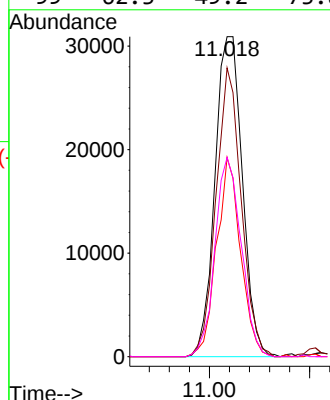
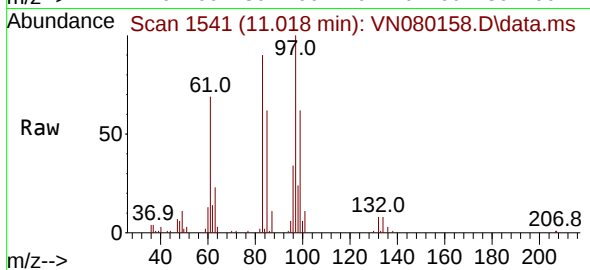
99 62.3 49.2 73.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#56

Ethyl methacrylate

Concen: 20.355 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN080158.D

Acq: 17 Nov 2023 13:17

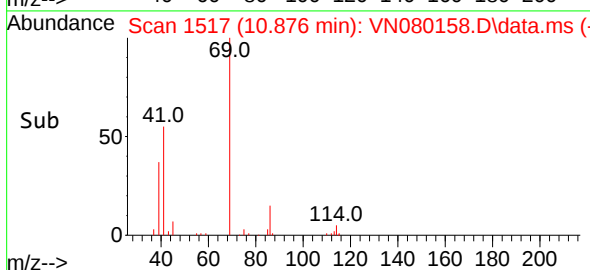
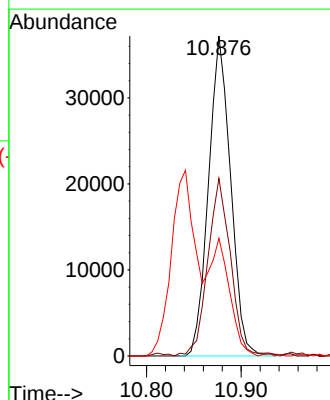
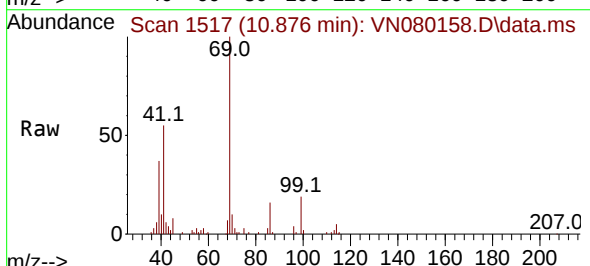
Tgt Ion: 69 Resp: 60398

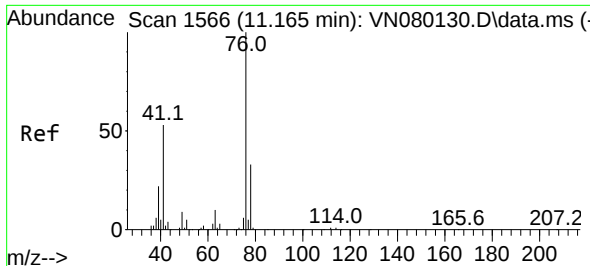
Ion Ratio Lower Upper

69 100

41 56.8 39.6 59.4

39 28.9 28.6 43.0





#57

1,3-Dichloropropane

Concen: 19.966 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080158.D

Acq: 17 Nov 2023 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBSD01

Tgt Ion: 76 Resp: 10125

Ion Ratio Lower Upper

76 100

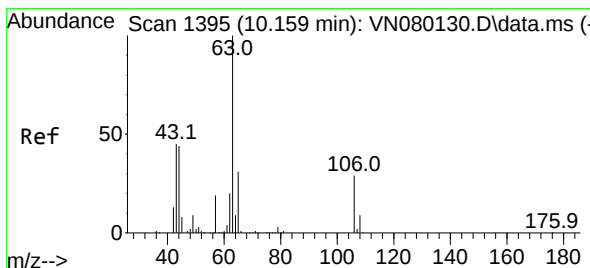
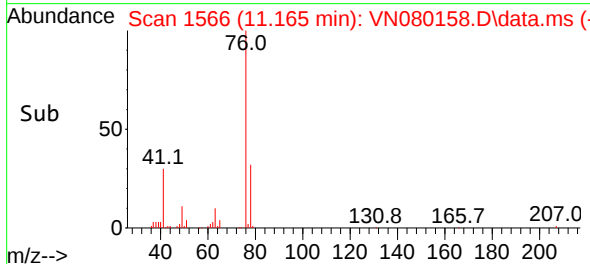
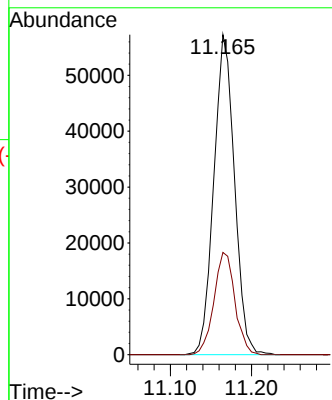
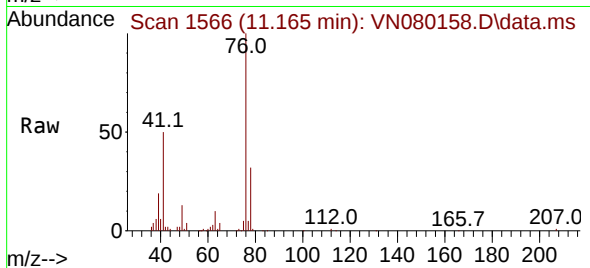
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 116.035 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN080158.D

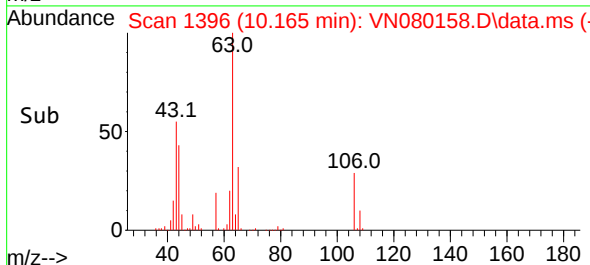
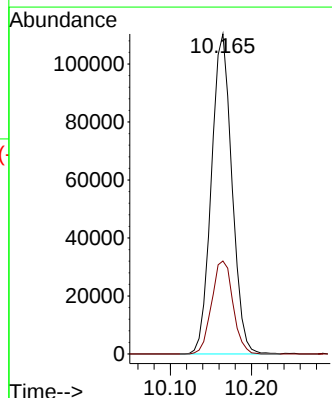
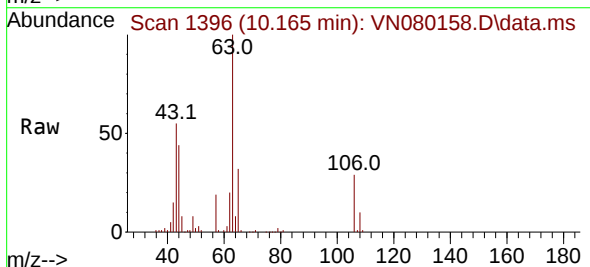
Acq: 17 Nov 2023 13:17

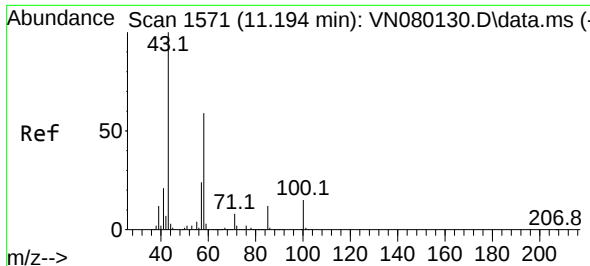
Tgt Ion: 63 Resp: 193972

Ion Ratio Lower Upper

63 100

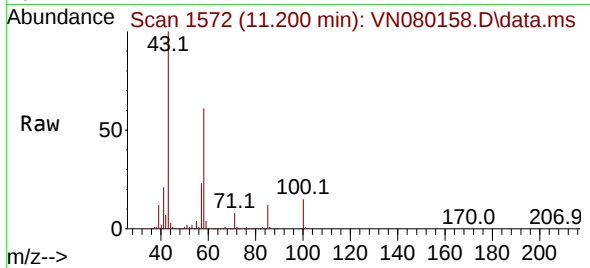
106 30.0 26.2 39.4





#59
2-Hexanone
Concen: 97.681 ug/l
RT: 11.200 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

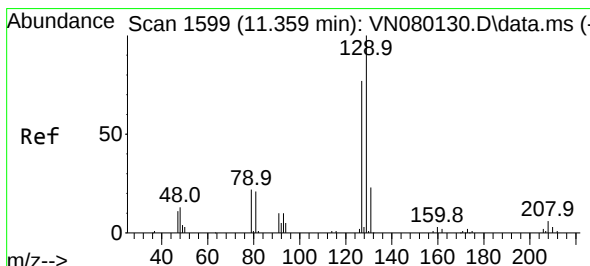
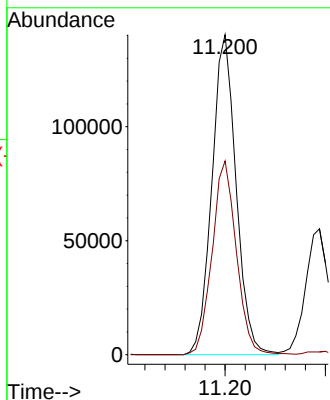
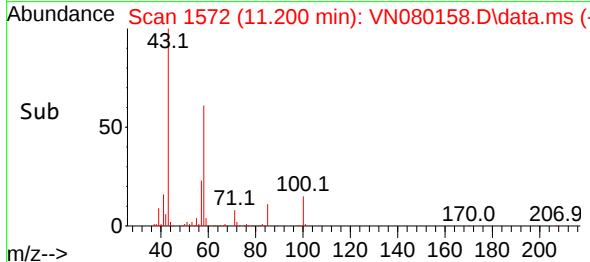
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



Tgt Ion: 43 Resp: 23469
Ion Ratio Lower Upper
43 100
58 60.6 31.7 95.1

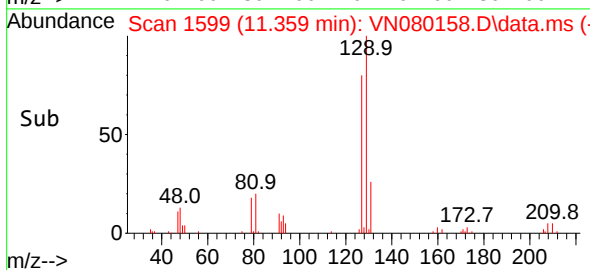
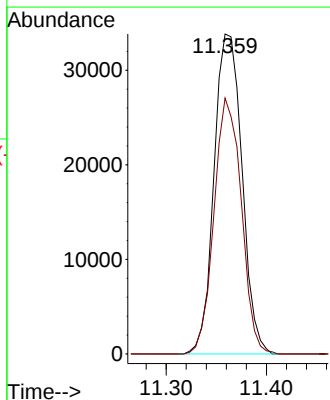
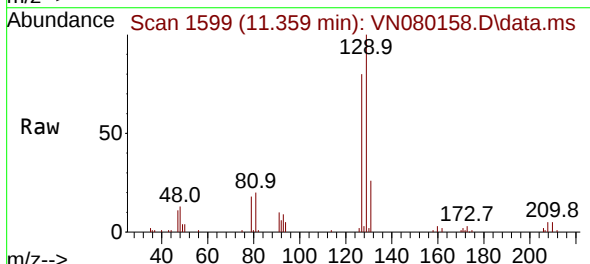
Manual Integrations
APPROVED

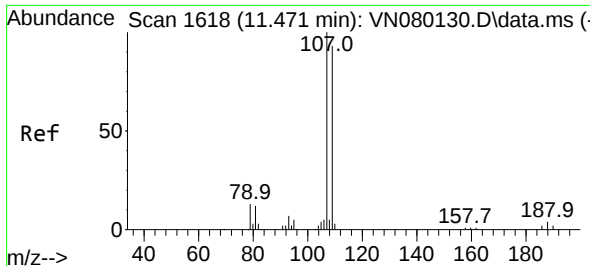
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#60
Dibromochloromethane
Concen: 18.844 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

Tgt Ion:129 Resp: 65528
Ion Ratio Lower Upper
129 100
127 78.1 38.6 116.0





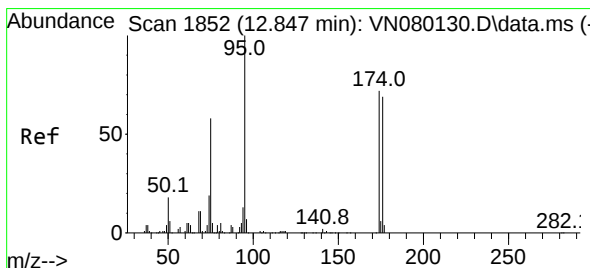
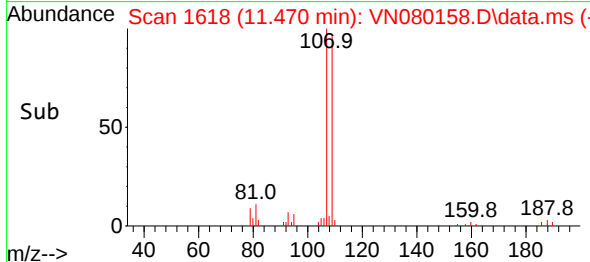
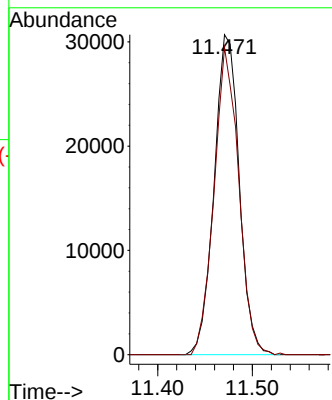
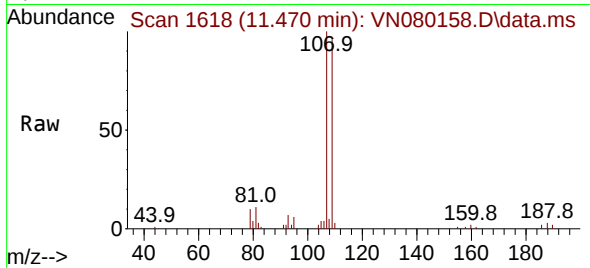
#61
1,2-Dibromoethane
Concen: 19.045 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

Tgt Ion:107 Resp: 5643
Ion Ratio Lower Upper
107 100
109 94.3 76.6 114.8

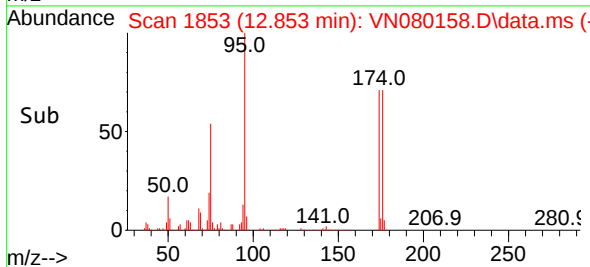
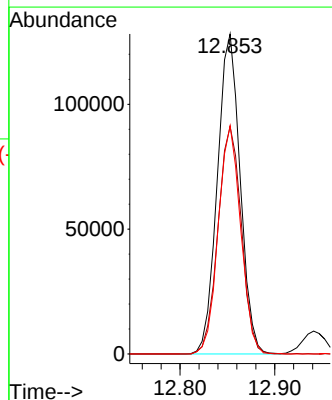
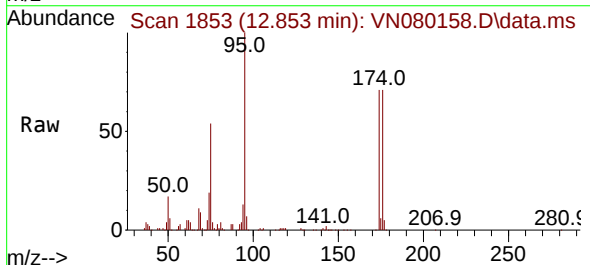
Manual Integrations
APPROVED

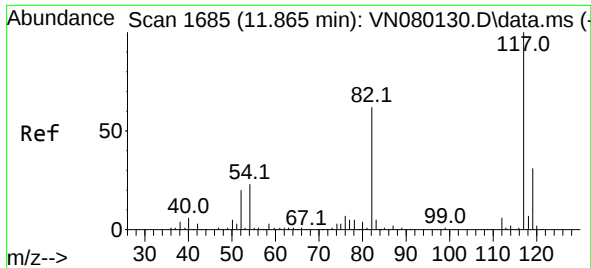
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#62
4-Bromofluorobenzene
Concen: 53.300 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

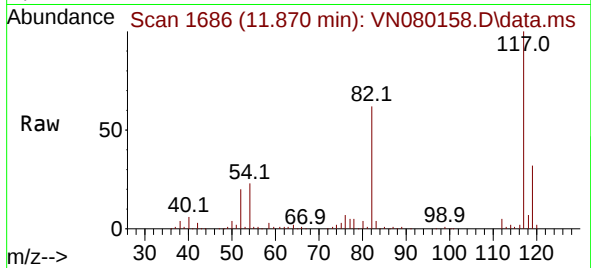
Tgt Ion: 95 Resp: 214471
Ion Ratio Lower Upper
95 100
174 72.5 0.0 143.8
176 70.1 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

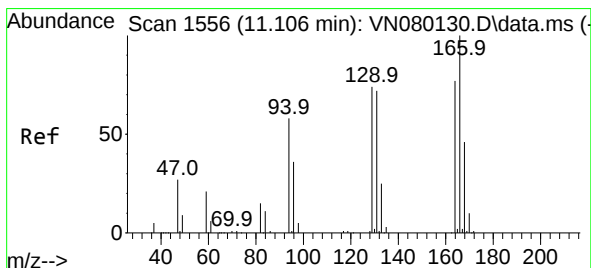
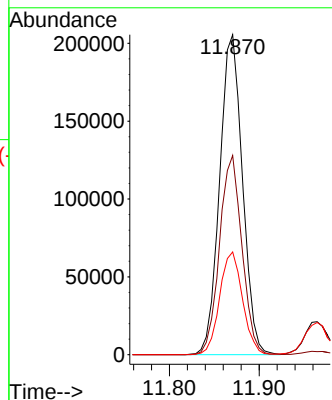
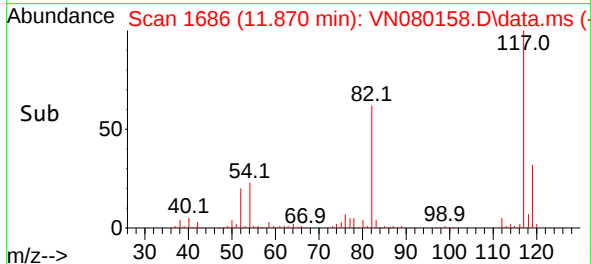
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



Tgt Ion:117 Resp: 363295
Ion Ratio Lower Upper
117 100
82 62.3 44.0 66.0
119 32.1 25.6 38.4

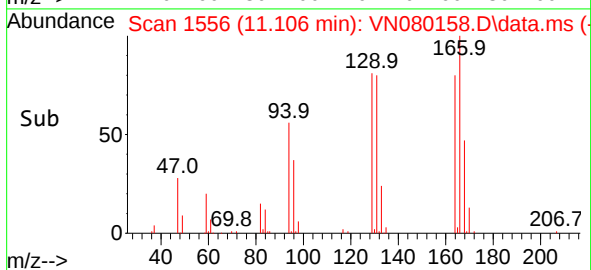
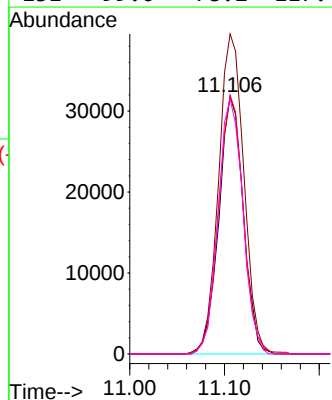
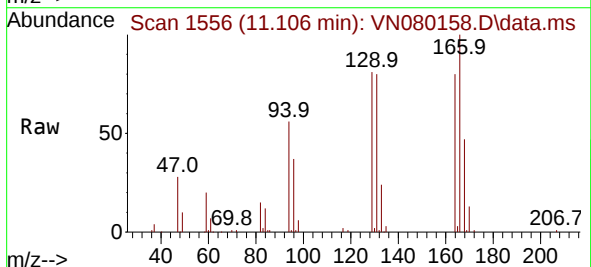
Manual Integrations
APPROVED

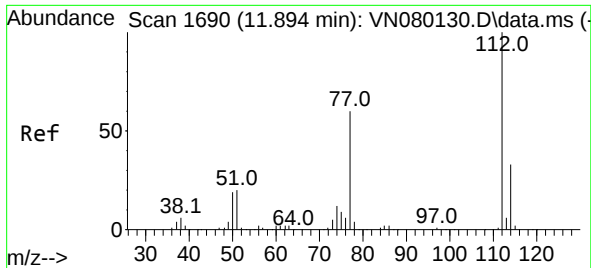
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#64
Tetrachloroethene
Concen: 20.591 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

Tgt Ion:164 Resp: 57090
Ion Ratio Lower Upper
164 100
166 124.3 101.4 152.0
129 100.6 82.4 123.6
131 99.0 78.2 117.4





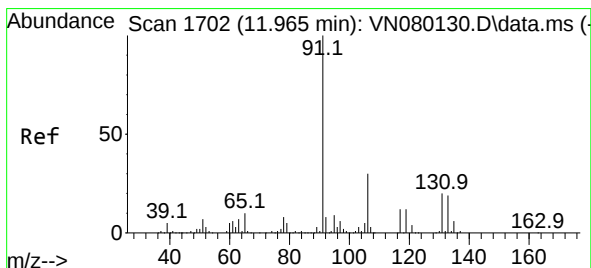
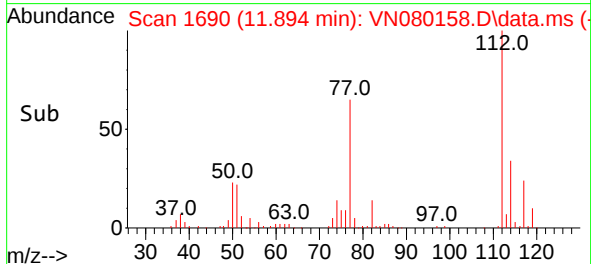
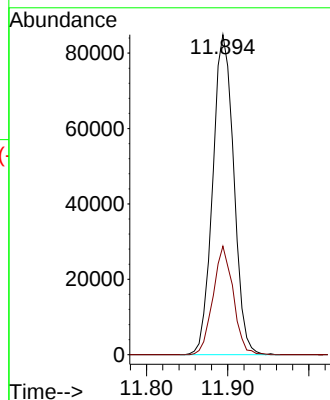
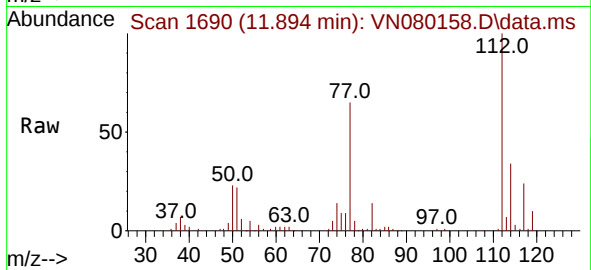
#65
Chlorobenzene
Concen: 18.604 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

Tgt Ion:112 Resp: 153154
Ion Ratio Lower Upper
112 100
114 33.9 25.0 37.4

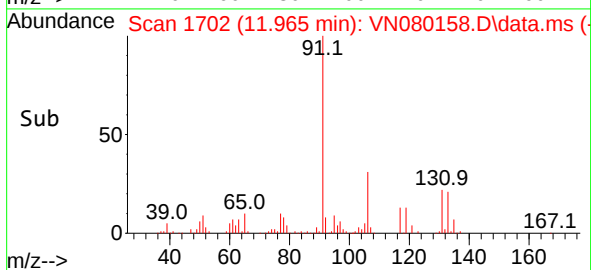
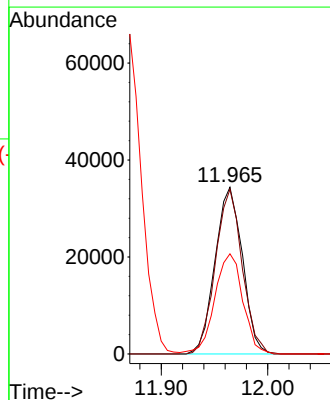
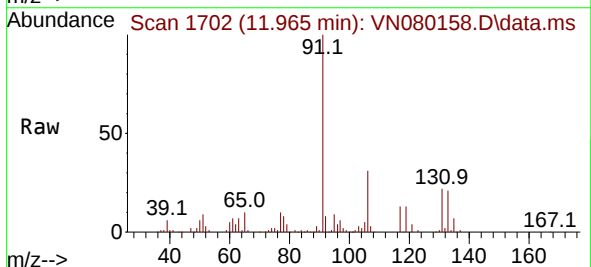
Manual Integrations
APPROVED

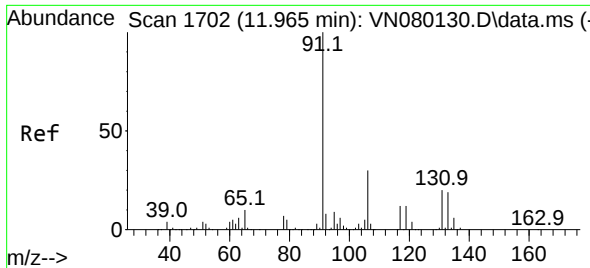
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.206 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

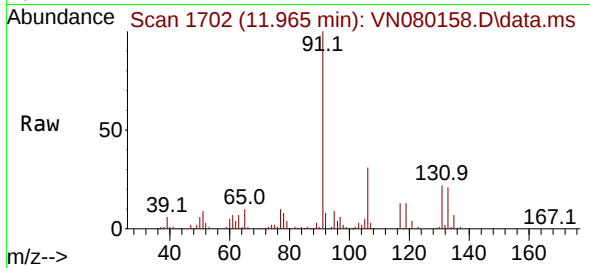
Tgt Ion:131 Resp: 61354
Ion Ratio Lower Upper
131 100
133 96.9 46.4 139.1
119 61.7 34.1 102.2





#67
Ethyl Benzene
Concen: 18.710 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

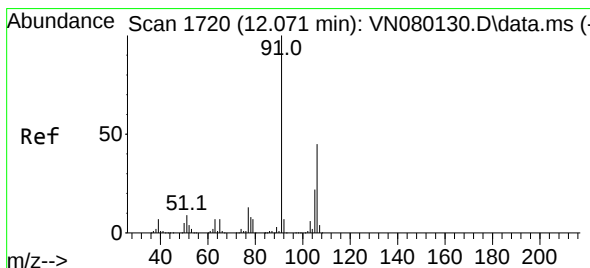
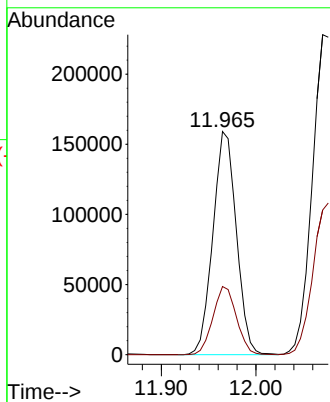
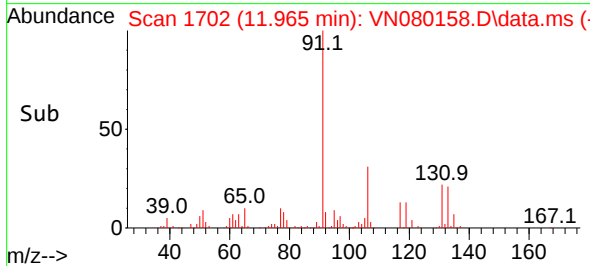
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



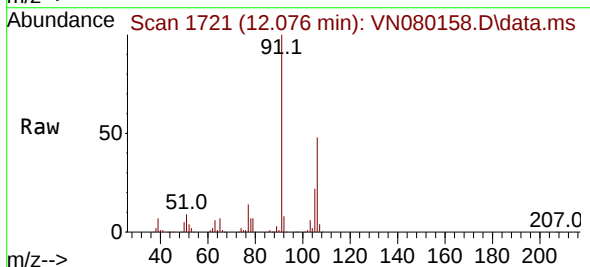
Tgt Ion: 91 Resp: 27407
Ion Ratio Lower Upper
91 100
106 30.5 25.6 38.4

Manual Integrations
APPROVED

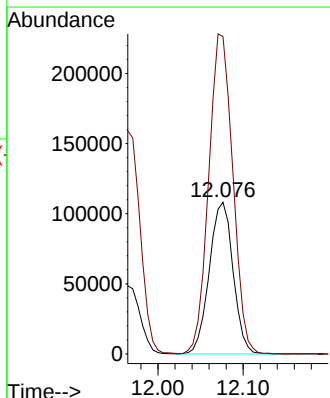
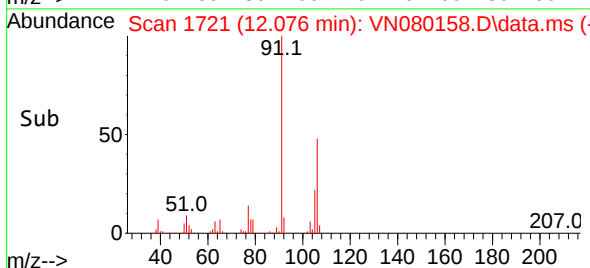
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#68
m/p-Xylenes
Concen: 39.260 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17



Tgt Ion:106 Resp: 209687
Ion Ratio Lower Upper
106 100
91 214.1 159.6 239.4





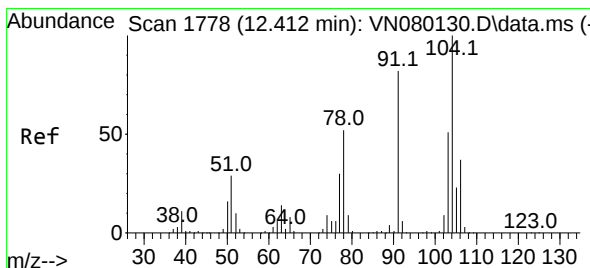
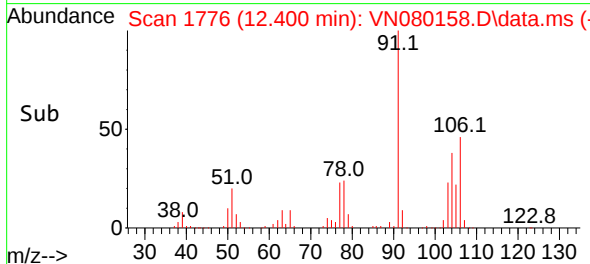
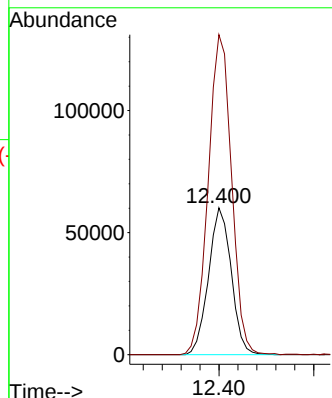
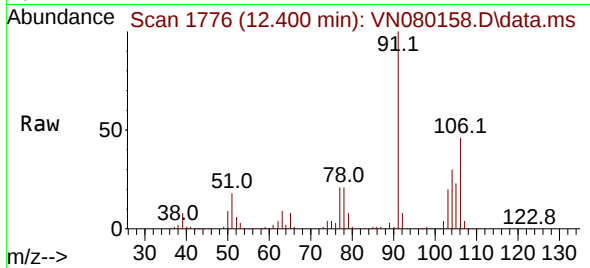
#69
o-Xylene
Concen: 19.877 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

Tgt Ion:106 Resp: 100050
Ion Ratio Lower Upper
106 100
91 224.0 105.2 315.5

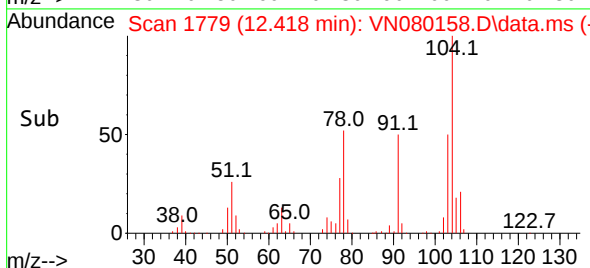
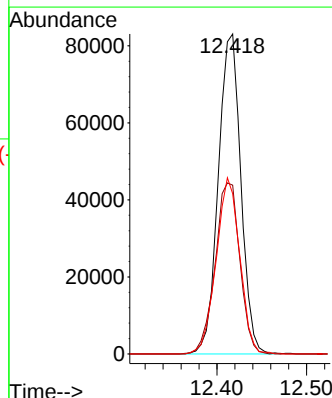
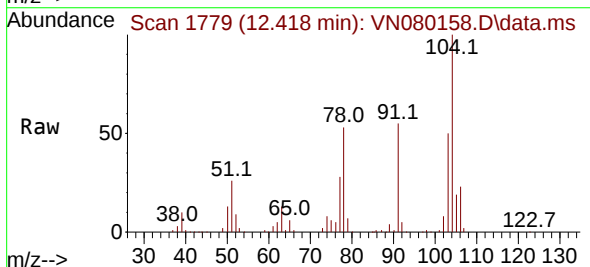
Manual Integrations
APPROVED

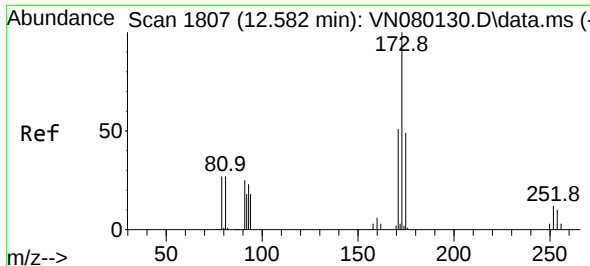
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#70
Styrene
Concen: 19.372 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

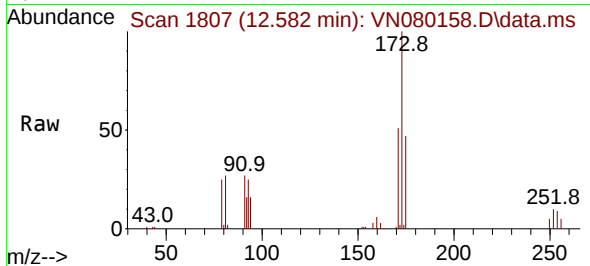
Tgt Ion:104 Resp: 145128
Ion Ratio Lower Upper
104 100
78 58.5 39.5 59.3
103 57.5 43.2 64.8





#71
Bromoform
Concen: 18.782 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

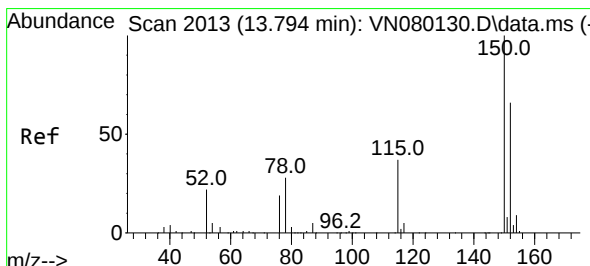
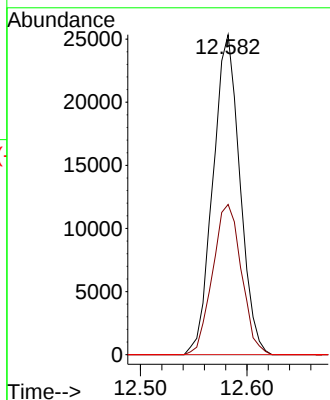
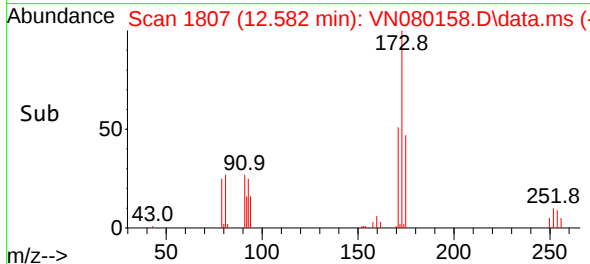
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



Tgt Ion:173 Resp: 4449
Ion Ratio Lower Upper
173 100
175 50.2 24.3 73.0
254 0.0 0.0 0.0

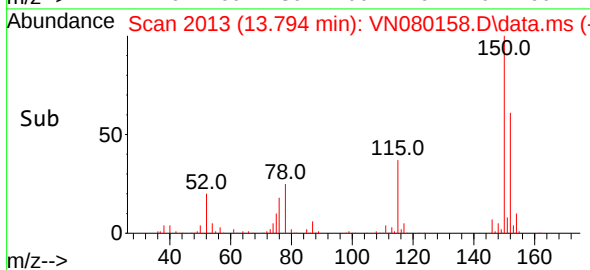
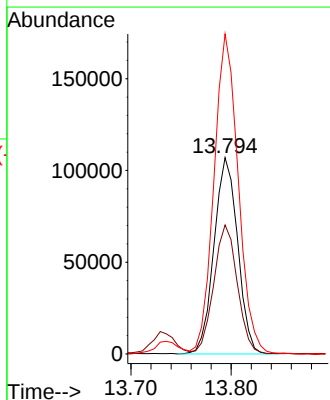
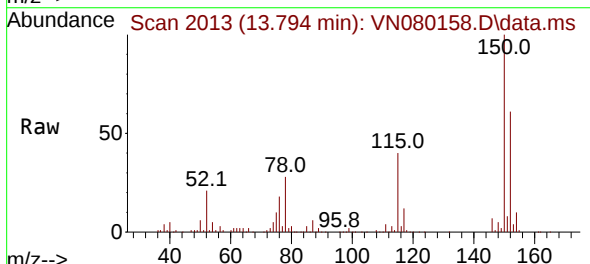
Manual Integrations
APPROVED

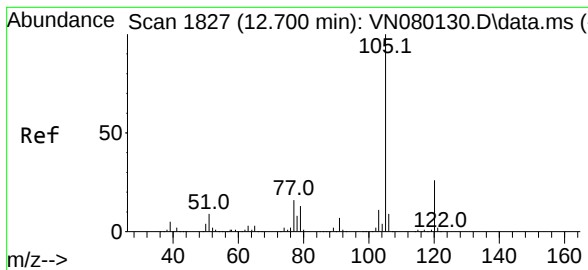
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

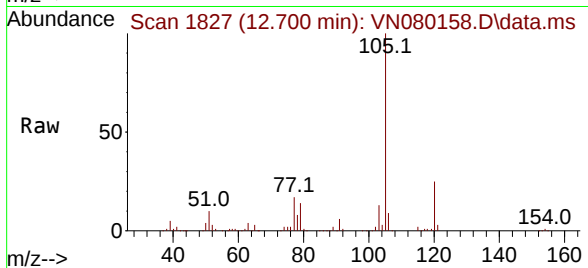
Tgt Ion:152 Resp: 175162
Ion Ratio Lower Upper
152 100
115 65.9 32.3 96.8
150 167.5 0.0 355.8





#73
Isopropylbenzene
Concen: 19.046 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

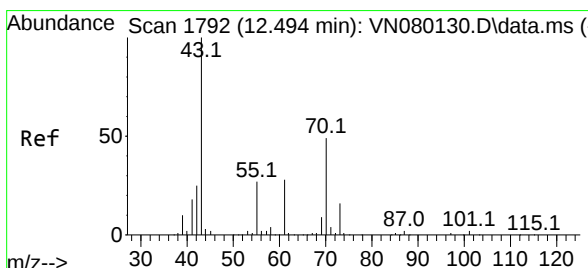
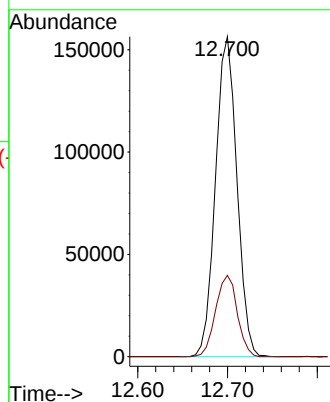
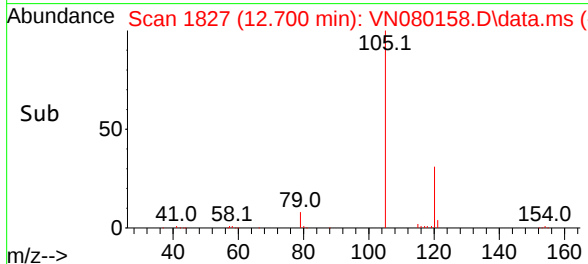
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



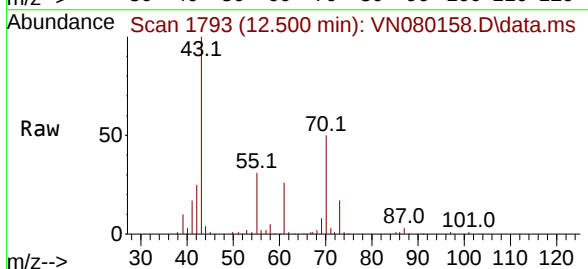
Tgt Ion:105 Resp: 259240
Ion Ratio Lower Upper
105 100
120 25.6 13.1 39.1

Manual Integrations
APPROVED

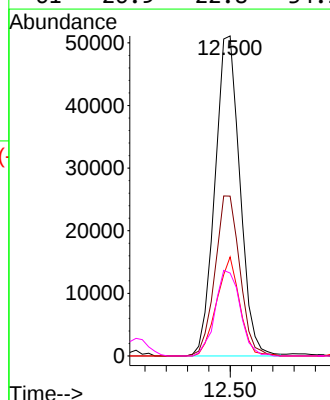
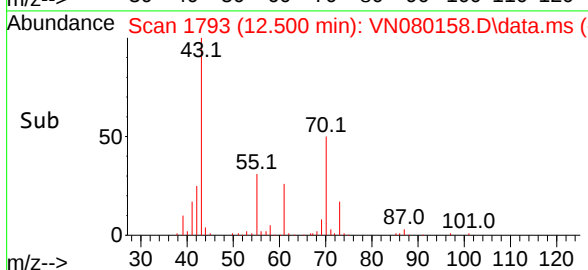
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

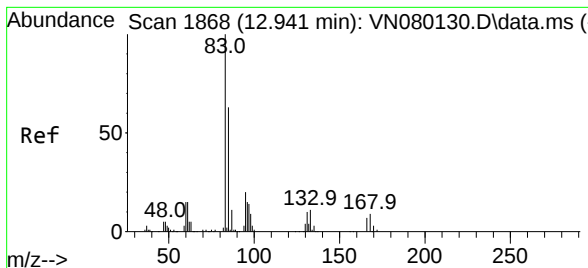


#74
N-ethyl acetate
Concen: 19.571 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17



Tgt Ion: 43 Resp: 83073
Ion Ratio Lower Upper
43 100
70 49.8 43.4 65.2
55 28.4 21.4 32.0
61 26.9 22.8 34.2





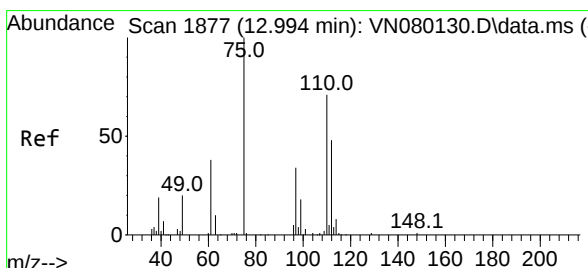
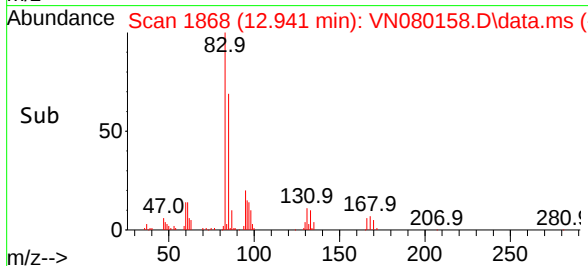
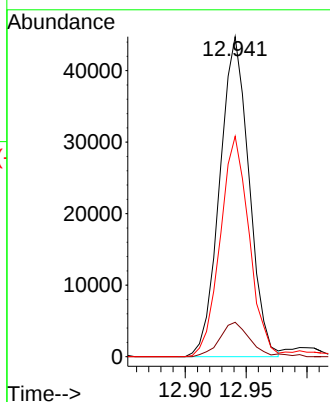
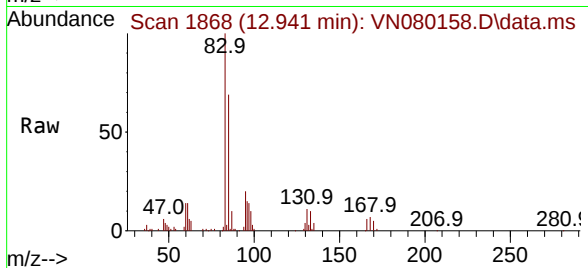
#75
1,1,2,2-Tetrachloroethane
Concen: 18.415 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

Tgt Ion: 83 Resp: 75018
Ion Ratio Lower Upper
83 100
131 11.3 5.0 15.0
85 68.5 31.9 95.7

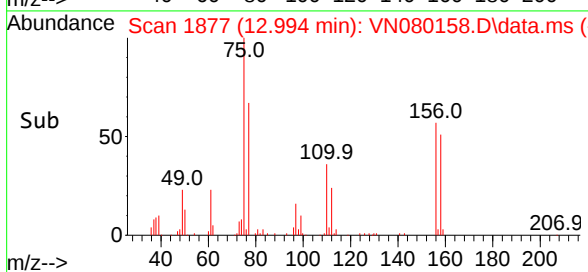
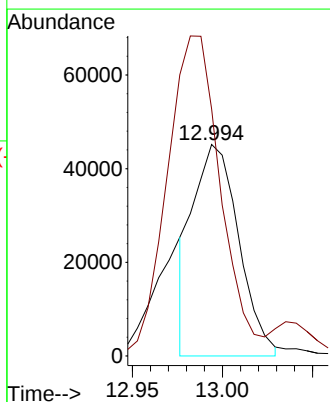
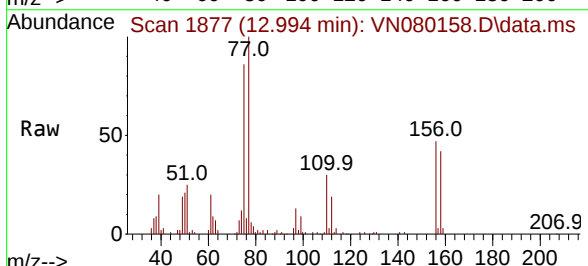
Manual Integrations
APPROVED

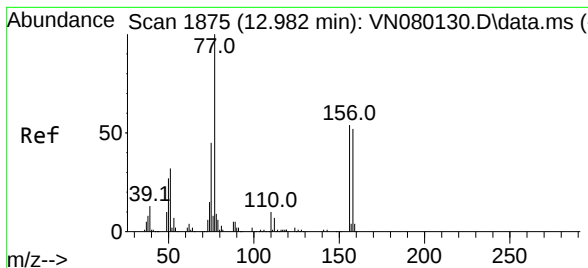
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#76
1,2,3-Trichloropropane
Concen: 18.489 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

Tgt Ion: 75 Resp: 79352
Ion Ratio Lower Upper
75 100
77 178.2 84.5 253.5





#77

Bromobenzene

Concen: 18.498 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN080158.D

Acq: 17 Nov 2023 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBSD01

Tgt Ion:156 Resp: 63479

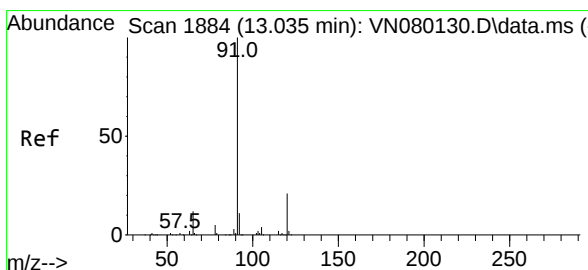
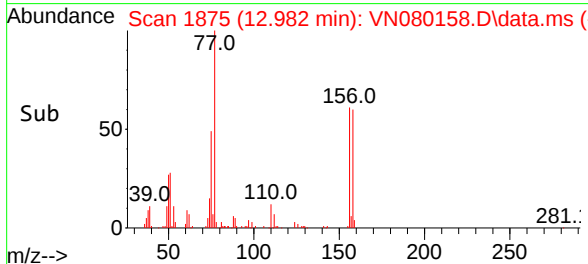
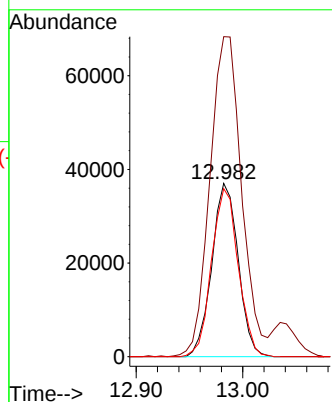
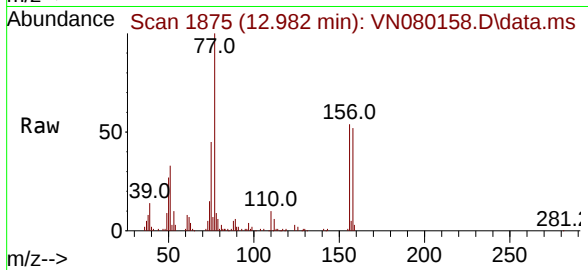
Ion	Ratio	Lower	Upper
156	100		
77	222.8	107.7	323.3
158	98.2	48.4	145.3

Manual Integrations

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Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#78

n-propylbenzene

Concen: 19.468 ug/l

RT: 13.041 min Scan# 1885

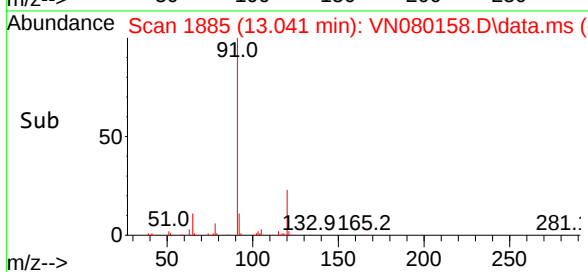
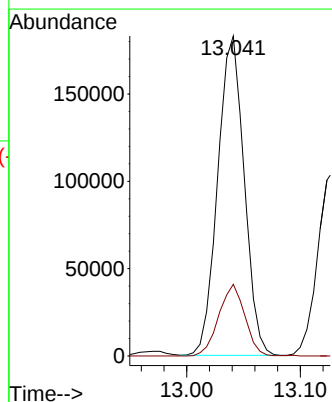
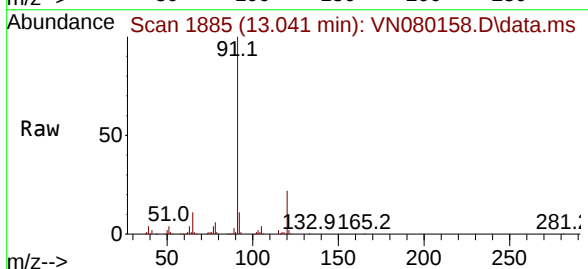
Delta R.T. 0.006 min

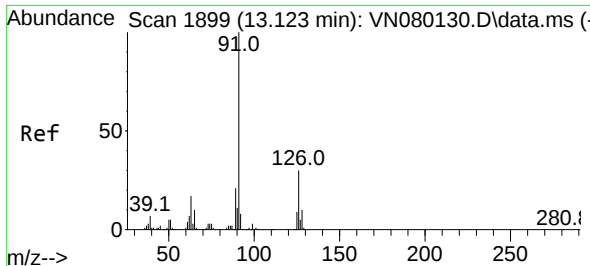
Lab File: VN080158.D

Acq: 17 Nov 2023 13:17

Tgt Ion: 91 Resp: 296322

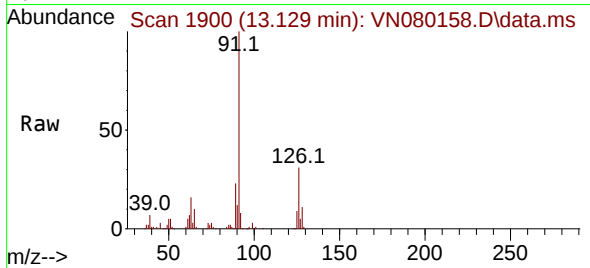
Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.5	34.4





#79
2-Chlorotoluene
Concen: 19.172 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

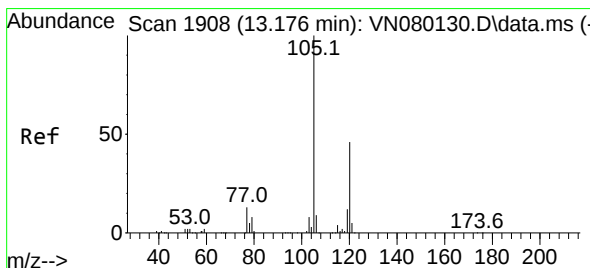
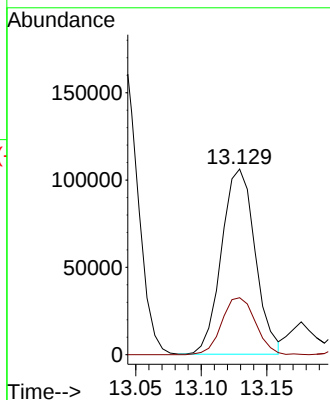
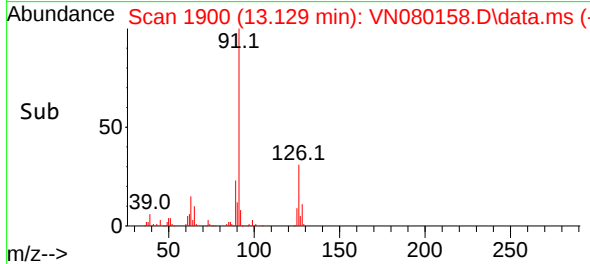
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



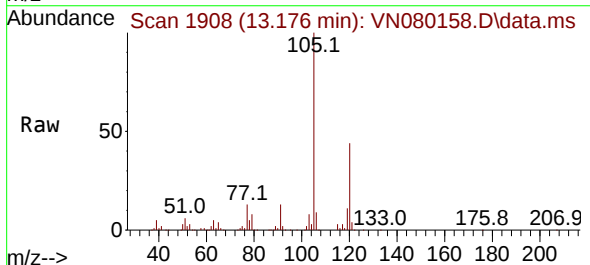
Tgt Ion: 91 Resp: 189528
Ion Ratio Lower Upper
91 100
126 30.9 16.3 48.8

Manual Integrations
APPROVED

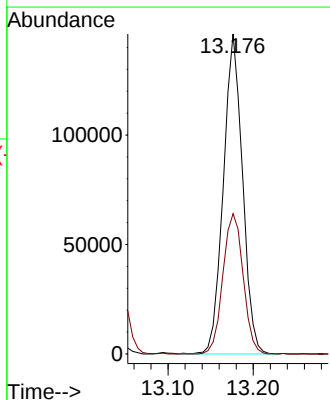
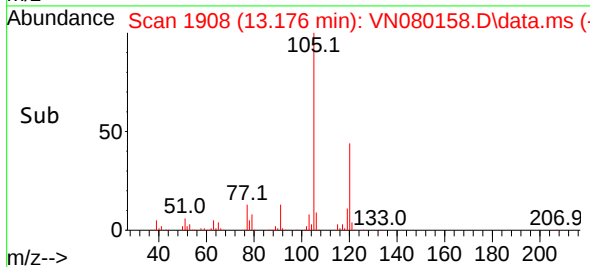
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

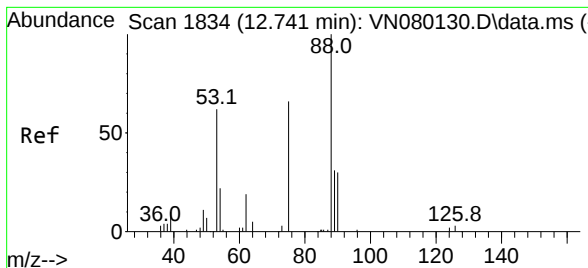


#80
1,3,5-Trimethylbenzene
Concen: 19.258 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17



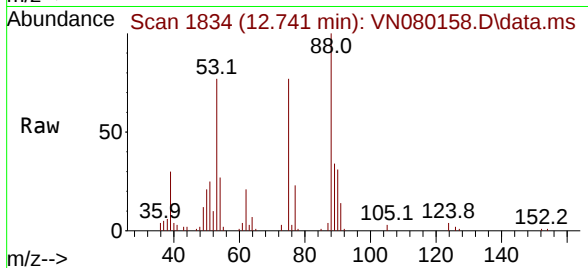
Tgt Ion:105 Resp: 228180
Ion Ratio Lower Upper
105 100
120 46.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 19.951 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

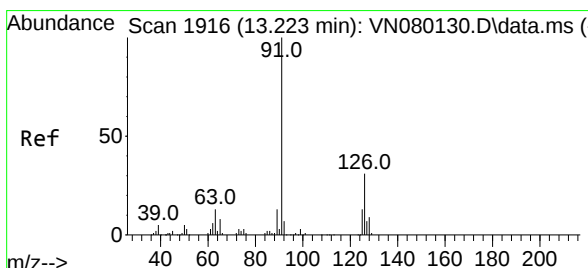
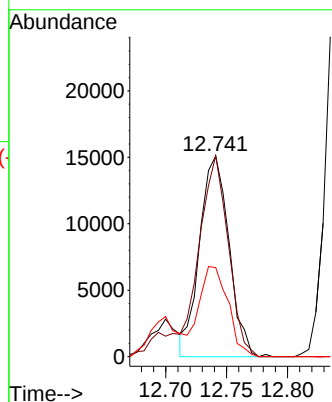
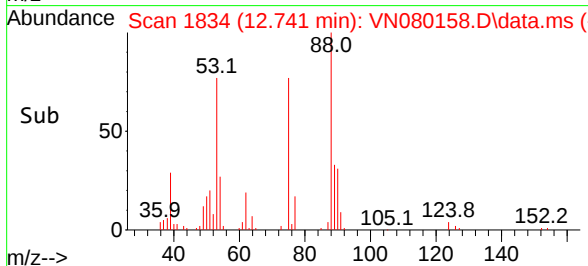
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



Tgt Ion: 75 Resp: 25344
Ion Ratio Lower Upper
75 100
53 110.3 67.4 101.2
89 43.8 38.8 58.2

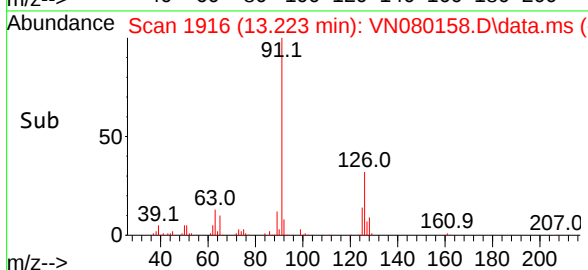
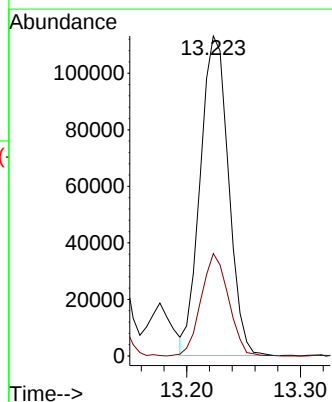
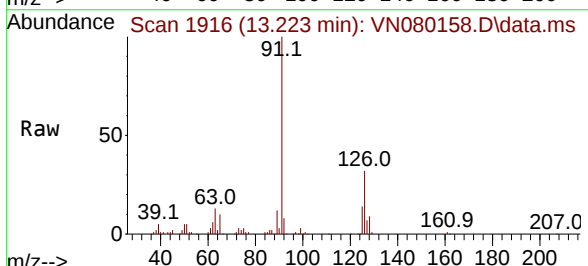
Manual Integrations
APPROVED

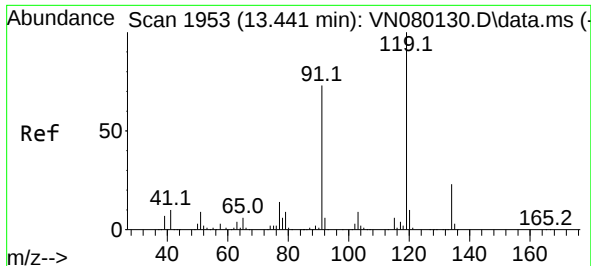
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#82
4-Chlorotoluene
Concen: 19.292 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

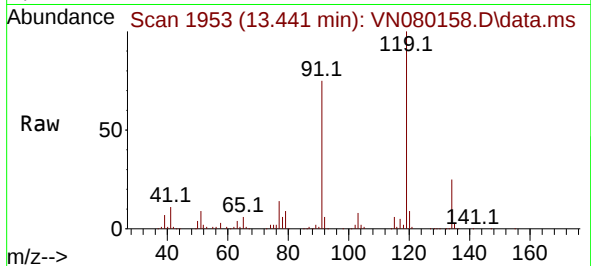
Tgt Ion: 91 Resp: 195373
Ion Ratio Lower Upper
91 100
126 31.2 16.7 50.0





#83
tert-Butylbenzene
Concen: 19.021 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

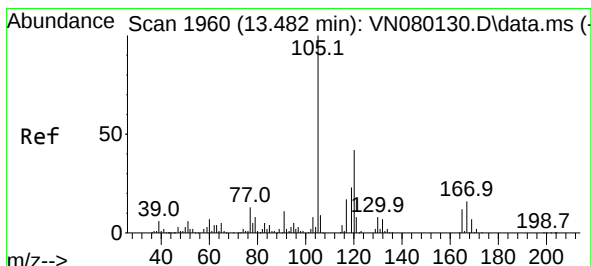
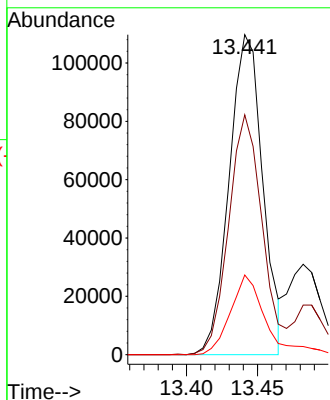
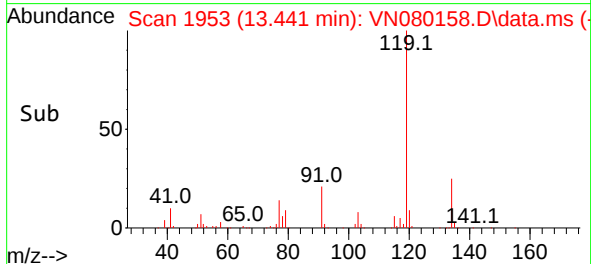
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



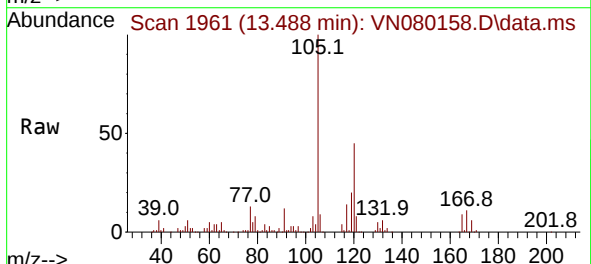
Tgt Ion:119 Resp: 180730
Ion Ratio Lower Upper
119 100
91 75.2 33.9 101.7
134 26.0 13.2 39.6

Manual Integrations
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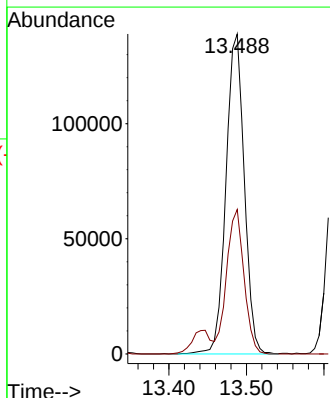
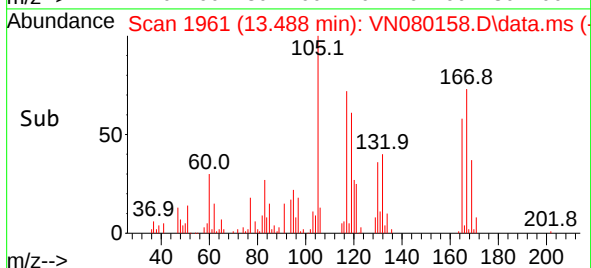
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

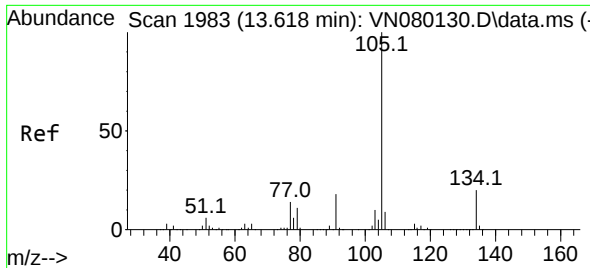


#84
1,2,4-Trimethylbenzene
Concen: 19.556 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17



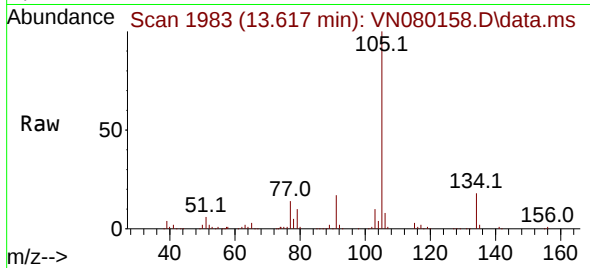
Tgt Ion:105 Resp: 228158
Ion Ratio Lower Upper
105 100
120 42.9 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 19.402 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080158.D
 Acq: 17 Nov 2023 13:17

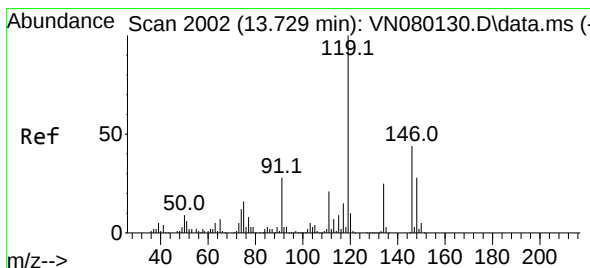
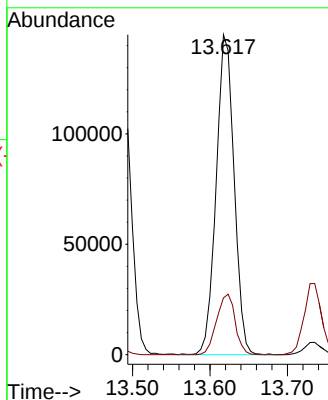
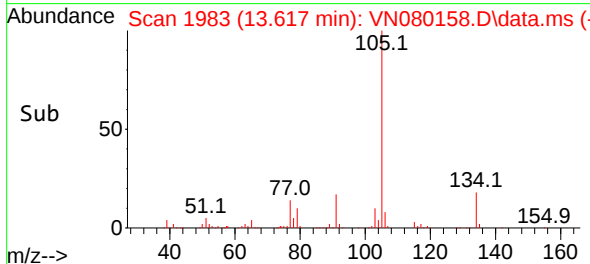
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBSD01



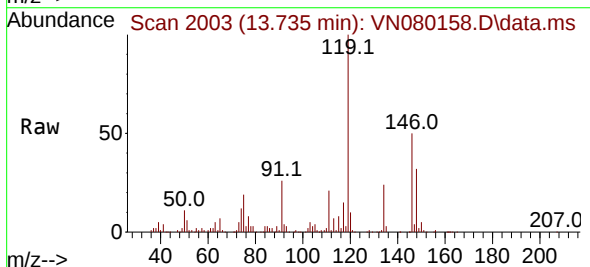
Tgt Ion:105 Resp: 233218
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3

Manual Integrations
 APPROVED

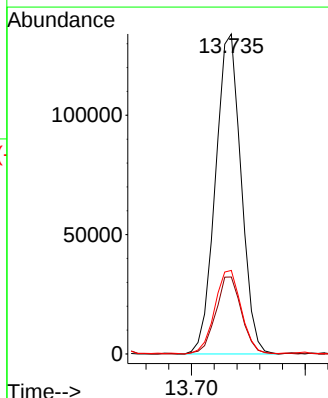
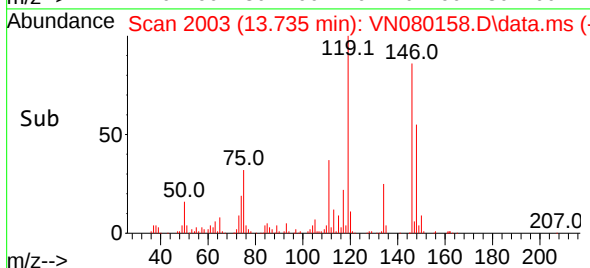
Reviewed By :John Carlone 11/18/2023
 Supervised By :Mahesh Dadoda 11/20/2023

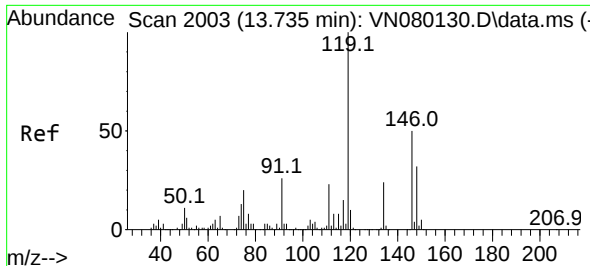


#86
 p-Isopropyltoluene
 Concen: 19.574 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080158.D
 Acq: 17 Nov 2023 13:17



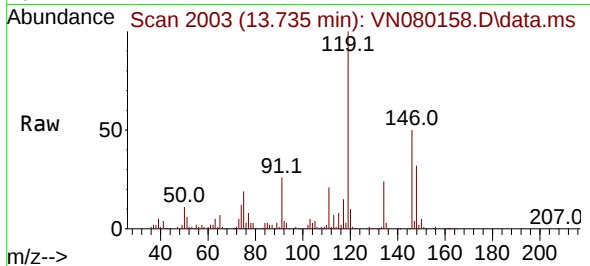
Tgt Ion:119 Resp: 210178
 Ion Ratio Lower Upper
 119 100
 134 24.3 12.6 37.8
 91 27.0 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 17.870 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

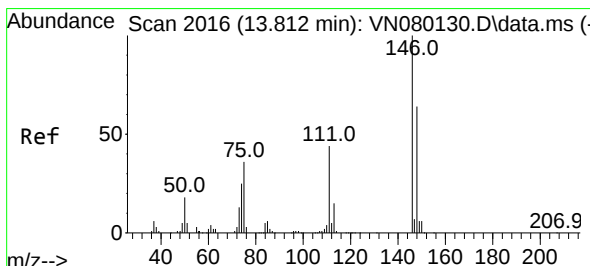
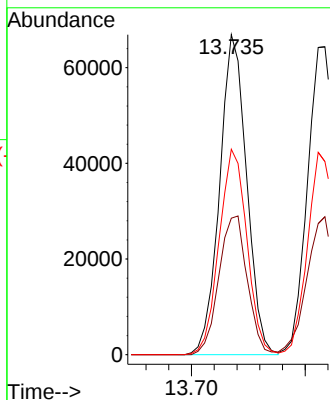
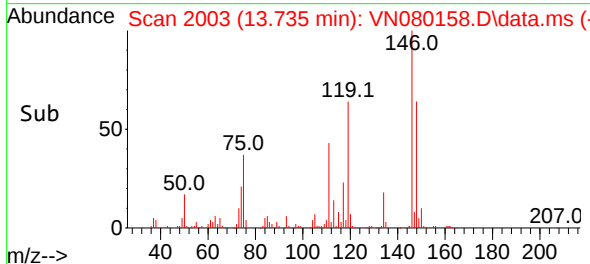
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



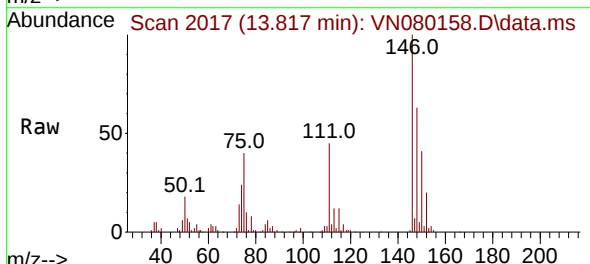
Tgt Ion:146 Resp: 110488
Ion Ratio Lower Upper
146 100
111 45.7 22.1 66.3
148 66.2 32.0 96.0

Manual Integrations
APPROVED

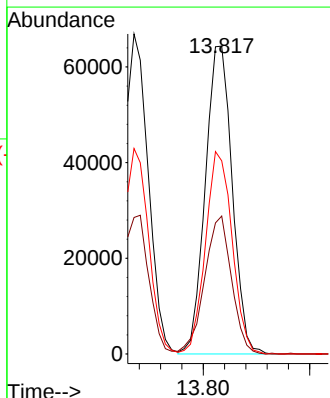
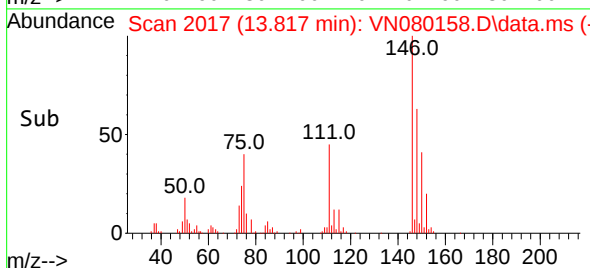
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

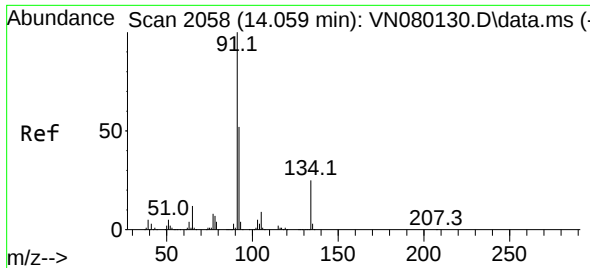


#88
1,4-Dichlorobenzene
Concen: 18.197 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17



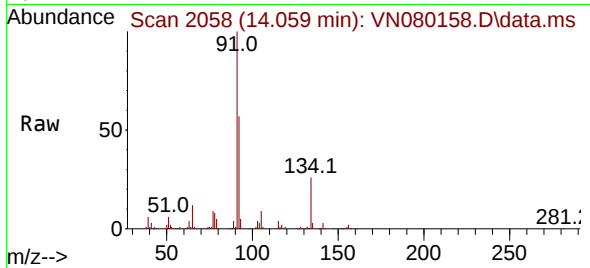
Tgt Ion:146 Resp: 113065
Ion Ratio Lower Upper
146 100
111 44.8 20.6 61.8
148 65.2 31.6 94.8





#89
n-Butylbenzene
Concen: 18.639 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

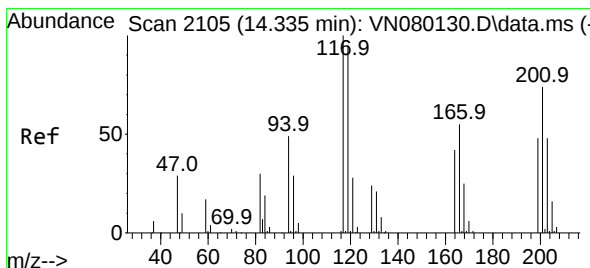
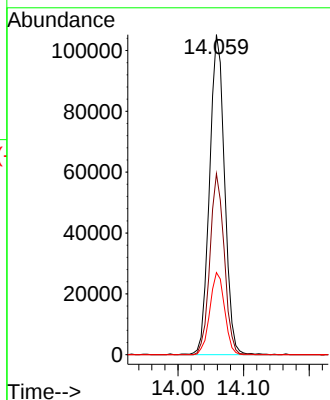
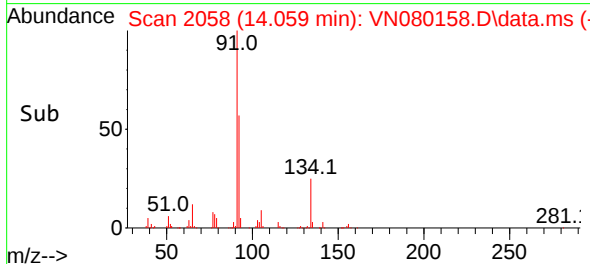
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



Tgt Ion: 91 Resp: 16751
Ion Ratio Lower Upper
91 100
92 53.8 26.4 79.0
134 25.1 12.6 37.6

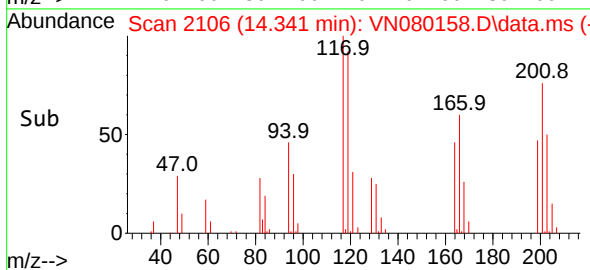
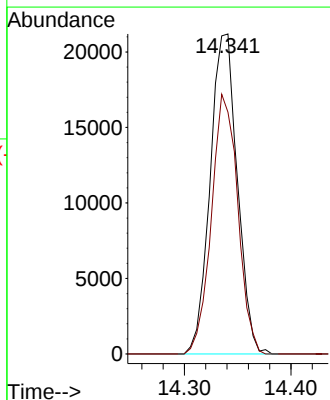
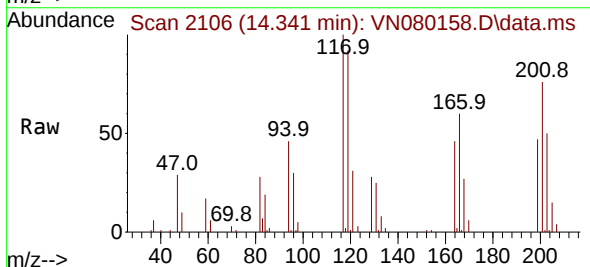
Manual Integrations
APPROVED

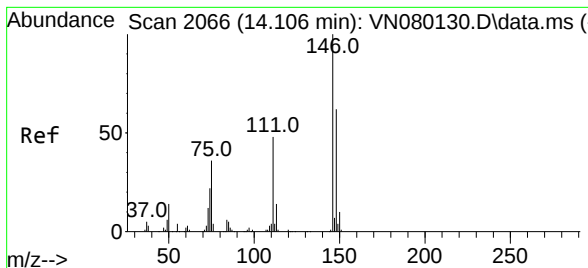
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#90
Hexachloroethane
Concen: 17.939 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

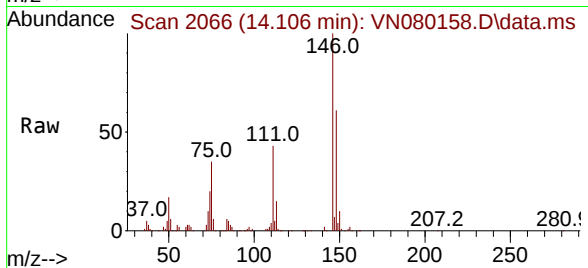
Tgt Ion:117 Resp: 37552
Ion Ratio Lower Upper
117 100
201 78.6 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 18.759 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

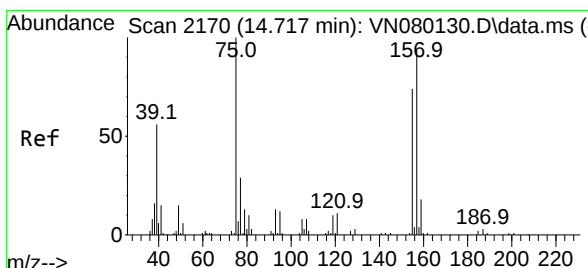
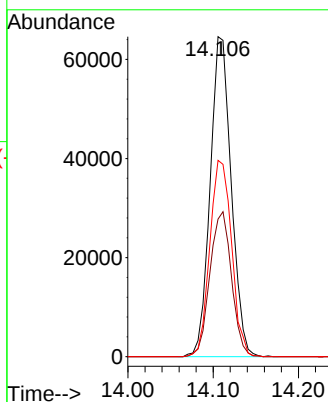
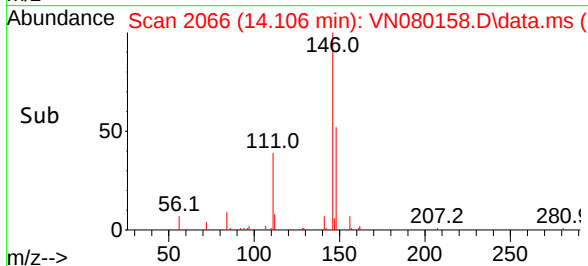
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



Tgt Ion:146 Resp: 11099
Ion Ratio Lower Upper
146 100
111 46.5 22.0 66.0
148 63.4 31.8 95.3

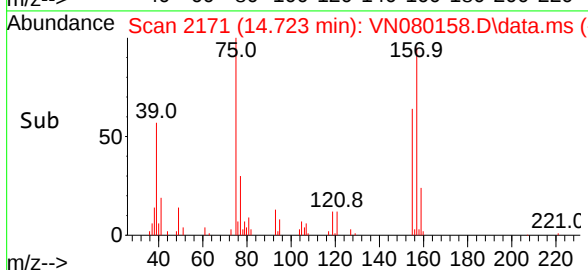
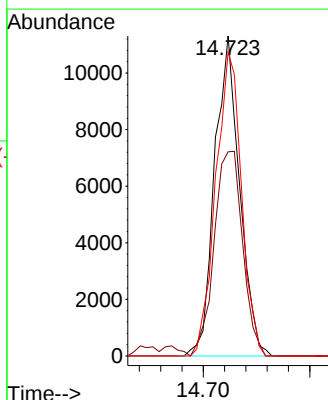
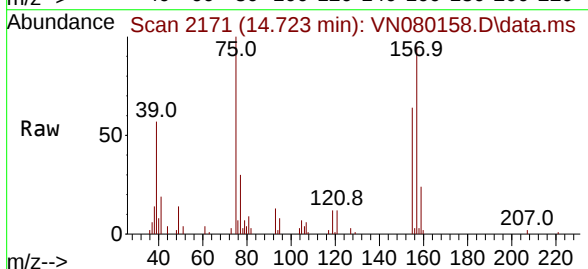
Manual Integrations
APPROVED

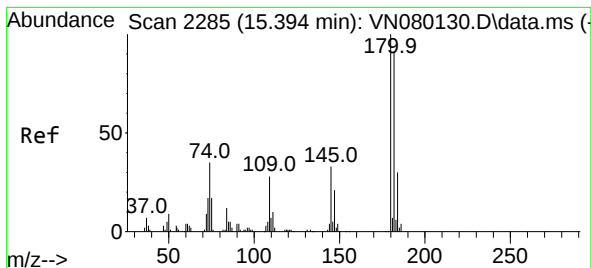
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.371 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN080158.D
Acq: 17 Nov 2023 13:17

Tgt Ion: 75 Resp: 18330
Ion Ratio Lower Upper
75 100
155 73.1 39.1 117.2
157 98.0 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 17.558 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN080158.D

Acq: 17 Nov 2023 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBSD01

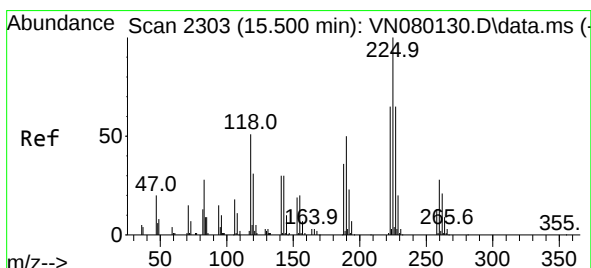
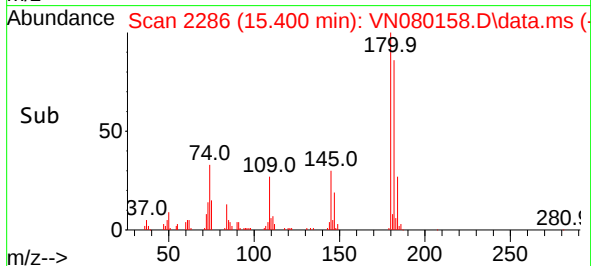
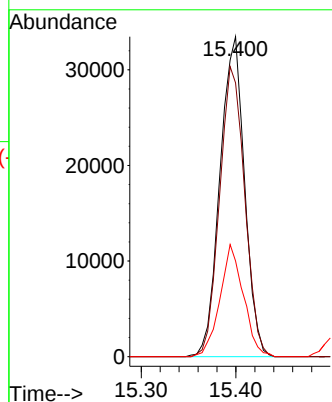
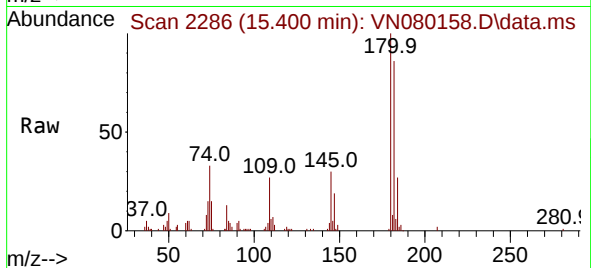
Tgt Ion:180	Resp: 60419
Ion Ratio	Lower Upper
180 100	
182 92.3	46.1 138.2
145 33.5	16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#94

Hexachlorobutadiene

Concen: 16.212 ug/l

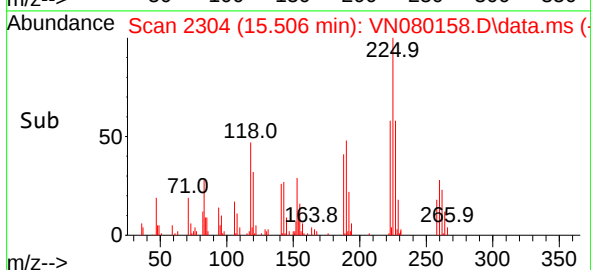
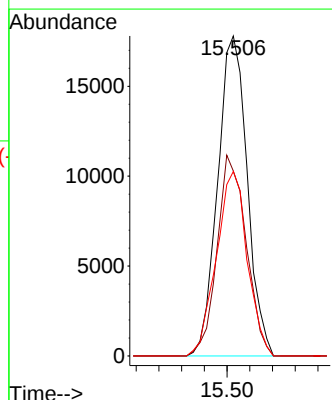
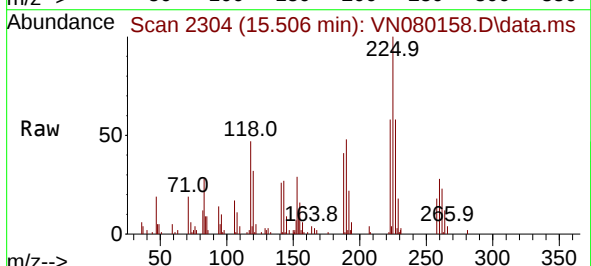
RT: 15.506 min Scan# 2304

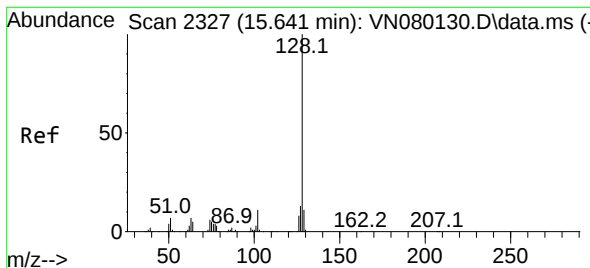
Delta R.T. 0.006 min

Lab File: VN080158.D

Acq: 17 Nov 2023 13:17

Tgt Ion:225	Resp: 32104
Ion Ratio	Lower Upper
225 100	
223 61.9	31.3 93.8
227 60.2	31.9 95.9





#95

Naphthalene

Concen: 20.046 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN080158.D

Acq: 17 Nov 2023 13:17

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBSD01

Tgt Ion:128 Resp: 200030

Ion Ratio Lower Upper

128 100

127 13.2 10.0 15.0

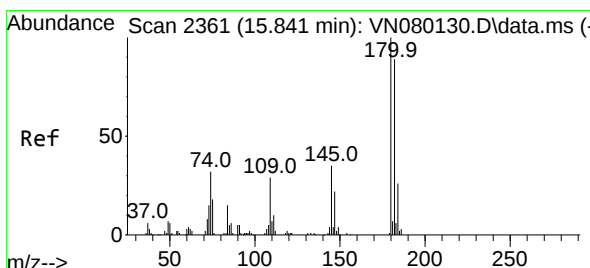
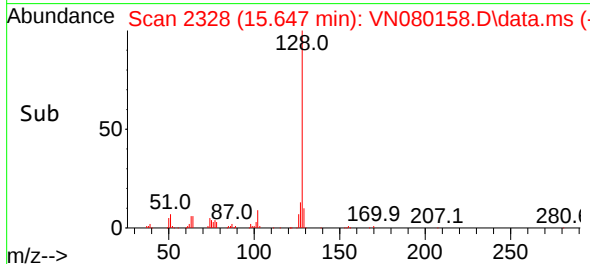
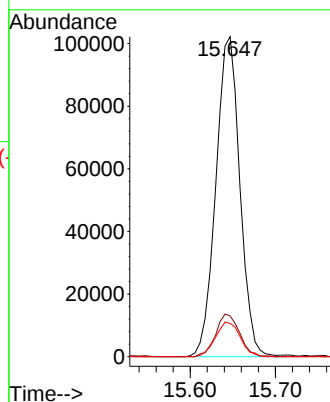
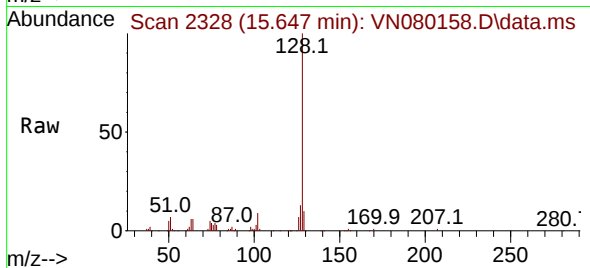
129 11.2 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#96

1,2,3-Trichlorobenzene

Concen: 18.000 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN080158.D

Acq: 17 Nov 2023 13:17

Tgt Ion:180 Resp: 58059

Ion Ratio Lower Upper

180 100

182 94.9 46.2 138.6

145 35.8 17.5 52.6

