

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111723\
 Data File : VN080154.D
 Acq On : 17 Nov 2023 11:42
 Operator : JC\MD
 Sample : VN1117MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117MBS01

Manual Integrations
 APPROVED

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

Quant Time: Nov 18 02:24:39 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	255520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	398681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	364401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	180781	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	201979	47.873	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.740%		
35) Dibromofluoromethane	8.171	113	145216	49.364	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.720%		
50) Toluene-d8	10.571	98	543377	51.241	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.480%		
62) 4-Bromofluorobenzene	12.853	95	201904	50.407	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	67689	17.784	ug/l	93
3) Chloromethane	2.359	50	50606	17.685	ug/l	95
4) Vinyl Chloride	2.512	62	56311	18.595	ug/l	98
5) Bromomethane	2.953	94	37203	18.096	ug/l	96
6) Chloroethane	3.118	64	35924	18.080	ug/l	94
7) Trichlorofluoromethane	3.495	101	113458	17.960	ug/l	99
8) Diethyl Ether	3.959	74	32683	17.789	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.371	101	52482	18.176	ug/l	96
10) Methyl Iodide	4.595	142	57132	18.309	ug/l #	88
11) Tert butyl alcohol	5.518	59	42396	91.378	ug/l	96
12) 1,1-Dichloroethene	4.342	96	48267	17.872	ug/l #	78
13) Acrolein	4.177	56	43138	105.061	ug/l	98
14) Allyl chloride	5.024	41	61863	18.207	ug/l	95
15) Acrylonitrile	5.724	53	120301	96.587	ug/l	99
16) Acetone	4.424	43	110989	78.323	ug/l	92
17) Carbon Disulfide	4.712	76	139624	17.315	ug/l	98
18) Methyl Acetate	5.024	43	80923	17.773	ug/l	94
19) Methyl tert-butyl Ether	5.794	73	176739	18.531	ug/l	99
20) Methylene Chloride	5.277	84	57358	19.328	ug/l	92
21) trans-1,2-Dichloroethene	5.789	96	54457	18.355	ug/l	82
22) Diisopropyl ether	6.671	45	148180	19.711	ug/l	94
23) Vinyl Acetate	6.606	43	429171	94.961	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	101867	18.605	ug/l #	94
25) 2-Butanone	7.488	43	146581	87.061	ug/l	89
26) 2,2-Dichloropropane	7.494	77	97483	17.946	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	62937	18.710	ug/l	88
28) Bromochloromethane	7.818	49	45193	20.995	ug/l	96
29) Tetrahydrofuran	7.841	42	91874	101.641	ug/l	91
30) Chloroform	7.965	83	117774	19.245	ug/l	93
31) Cyclohexane	8.259	56	81118	17.679	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	109875	18.410	ug/l	98
36) 1,1-Dichloropropene	8.371	75	81152	19.054	ug/l	96
37) Ethyl Acetate	7.565	43	58196	19.699	ug/l	99
38) Carbon Tetrachloride	8.365	117	101545	18.788	ug/l	96
39) Methylcyclohexane	9.600	83	76073	18.524	ug/l	91
40) Benzene	8.612	78	234674	19.387	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	33060	20.377	ug/l	92
42) 1,2-Dichloroethane	8.671	62	97521	19.692	ug/l	95
43) Isopropyl Acetate	8.688	43	98669	17.163	ug/l	96
44) Trichloroethene	9.359	130	59131	18.623	ug/l	98
45) 1,2-Dichloropropane	9.624	63	55836	19.849	ug/l	98
46) Dibromomethane	9.712	93	42158	19.798	ug/l	92
47) Bromodichloromethane	9.894	83	92004	19.642	ug/l	96
48) Methyl methacrylate	9.682	41	59436	20.062	ug/l	89
49) 1,4-Dioxane	9.694	88	20030	406.398	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	303107	101.839	ug/l	98
52) Toluene	10.635	92	150283	19.838	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	91322	18.976	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	97069	19.743	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	57948	20.042	ug/l	98
56) Ethyl methacrylate	10.877	69	60109	20.350	ug/l	93
57) 1,3-Dichloropropane	11.165	76	100075	19.824	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	182770	109.835	ug/l	97
59) 2-Hexanone	11.200	43	228449	95.519	ug/l	95
60) Dibromochloromethane	11.365	129	66836	19.308	ug/l	99
61) 1,2-Dibromoethane	11.471	107	55954	18.970	ug/l	99
64) Tetrachloroethene	11.106	164	61144	21.986	ug/l	94
65) Chlorobenzene	11.894	112	154553	18.718	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	64599	20.160	ug/l	95
67) Ethyl Benzene	11.965	91	276547	18.822	ug/l	96
68) m/p-Xylenes	12.076	106	207528	38.738	ug/l	89
69) o-Xylene	12.400	106	97969	19.405	ug/l	89
70) Styrene	12.412	104	148774	19.798	ug/l	94
71) Bromoform	12.582	173	46091	19.397	ug/l #	99
73) Isopropylbenzene	12.700	105	261271	18.598	ug/l	98
74) N-amyl acetate	12.494	43	77601	17.714	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	76963	18.305	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	86764m	19.588	ug/l	
77) Bromobenzene	12.982	156	65212	18.412	ug/l	98
78) n-propylbenzene	13.041	91	292228	18.603	ug/l	98
79) 2-Chlorotoluene	13.129	91	192725	18.889	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	228397	18.677	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	26919	20.533	ug/l	91
82) 4-Chlorotoluene	13.223	91	194678	18.625	ug/l	97
83) tert-Butylbenzene	13.441	119	175626	17.909	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	228496	18.976	ug/l	97
85) sec-Butylbenzene	13.618	105	229788	18.523	ug/l	99
86) p-Isopropyltoluene	13.735	119	209551	18.909	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	116205	18.211	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	116324	18.139	ug/l	97
89) n-Butylbenzene	14.059	91	164897	17.778	ug/l	100
90) Hexachloroethane	14.335	117	39299	18.190	ug/l	76
91) 1,2-Dichlorobenzene	14.106	146	111224	18.214	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	17833	18.260	ug/l	90
93) 1,2,4-Trichlorobenzene	15.394	180	55014	15.490	ug/l	98
94) Hexachlorobutadiene	15.506	225	31491	15.408	ug/l	98
95) Naphthalene	15.647	128	153607	14.915	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	52843	15.874	ug/l	96

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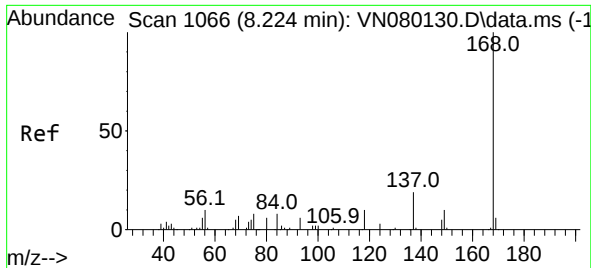
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



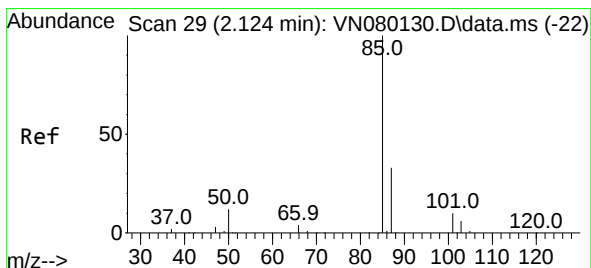
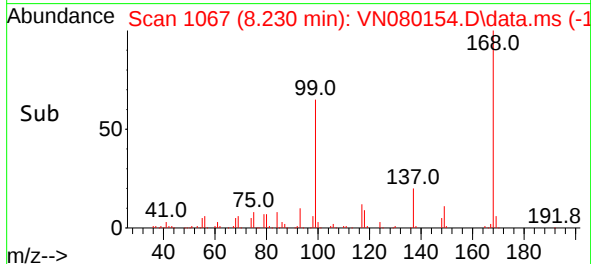
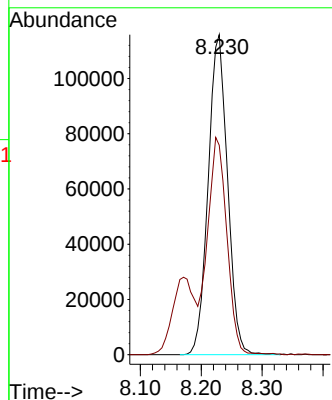
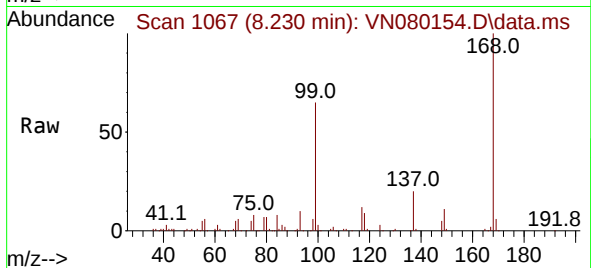
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080154.D
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Tgt Ion:168 Resp: 255520
Ion Ratio Lower Upper
168 100
99 65.2 53.0 79.6

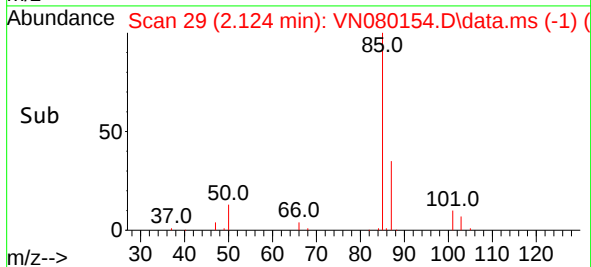
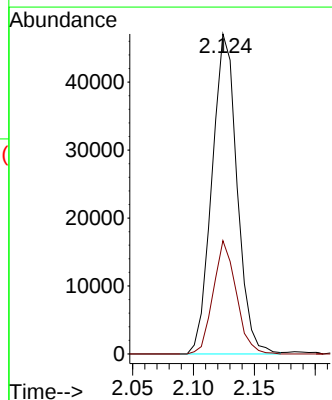
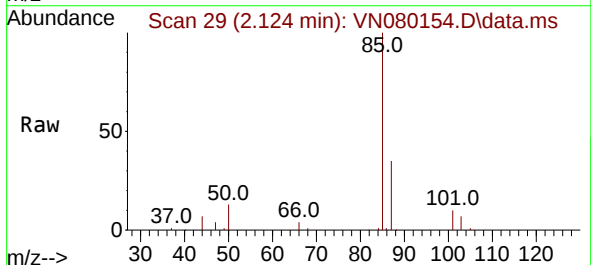
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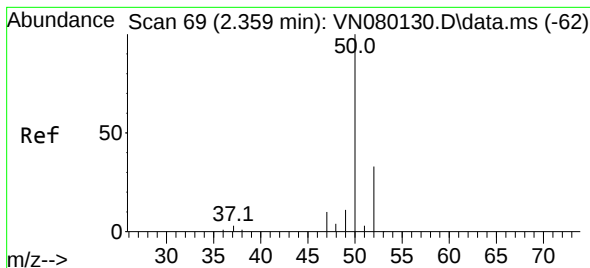
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#2
Dichlorodifluoromethane
Concen: 17.784 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

Tgt Ion: 85 Resp: 67689
Ion Ratio Lower Upper
85 100
87 35.4 15.8 47.4





#3

Chloromethane

Concen: 17.685 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN080154.D

Acq: 17 Nov 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN1117MBS01

Tgt Ion: 50 Resp: 50600

Ion Ratio Lower Upper

50 100

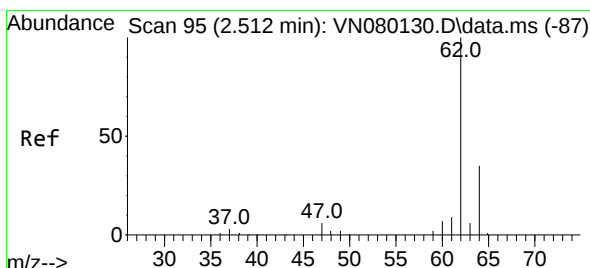
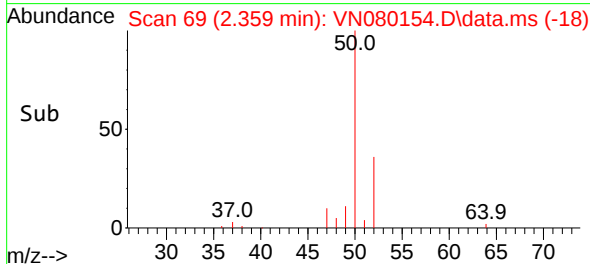
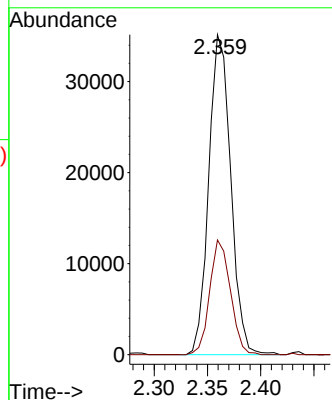
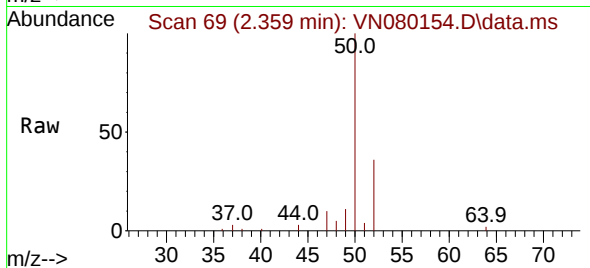
52 35.9 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.595 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.000 min

Lab File: VN080154.D

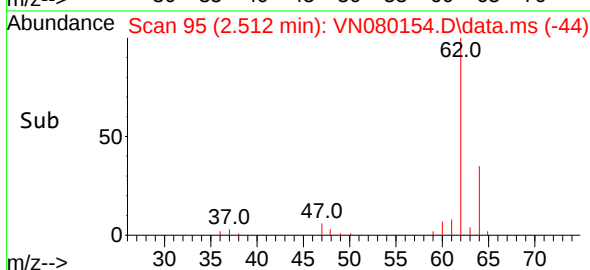
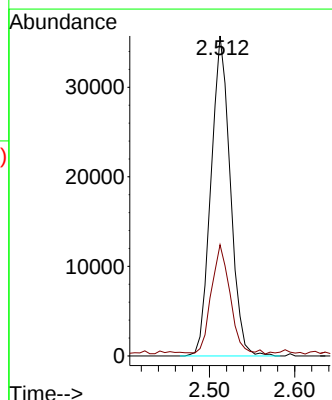
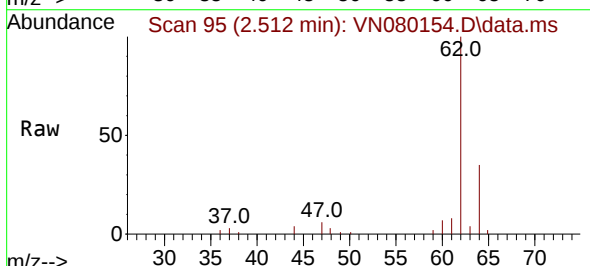
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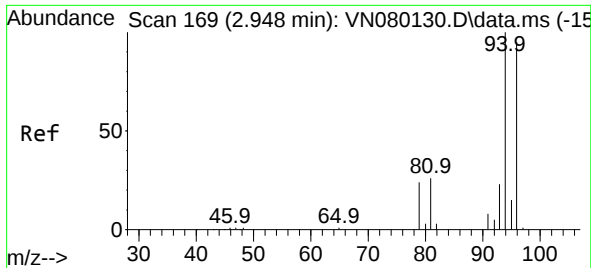
Tgt Ion: 62 Resp: 56311

Ion Ratio Lower Upper

62 100

64 33.6 26.2 39.2





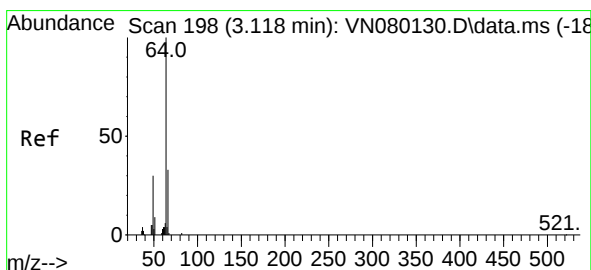
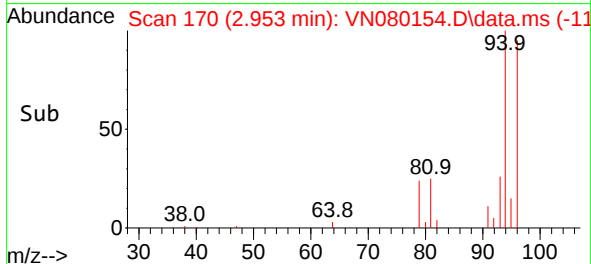
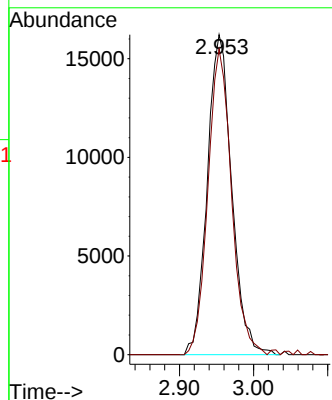
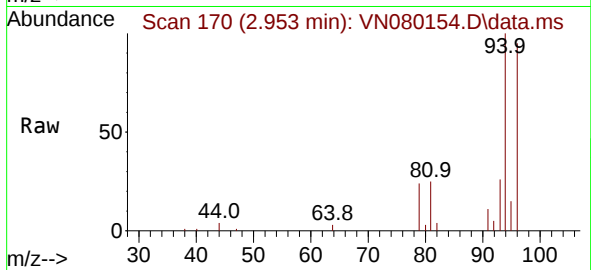
#5
Bromomethane
Concen: 18.096 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080154.D
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Tgt Ion: 94 Resp: 3720
Ion Ratio Lower Upper
94 100
96 95.5 73.1 109.7

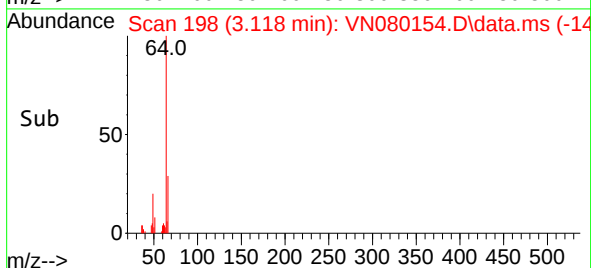
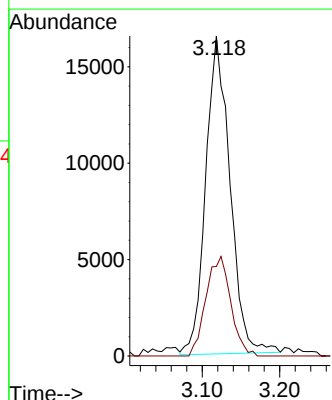
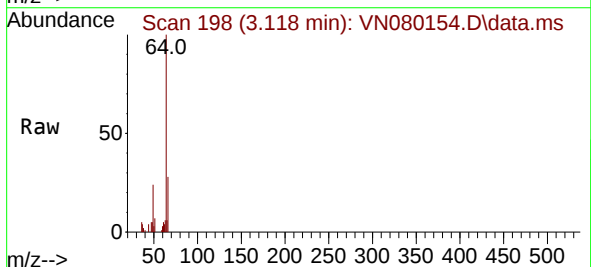
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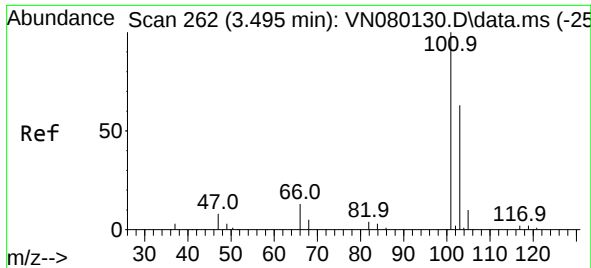
Reviewed By :John Carlone 11/18/2023
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#6
Chloroethane
Concen: 18.080 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

Tgt Ion: 64 Resp: 35924
Ion Ratio Lower Upper
64 100
66 28.3 25.4 38.2





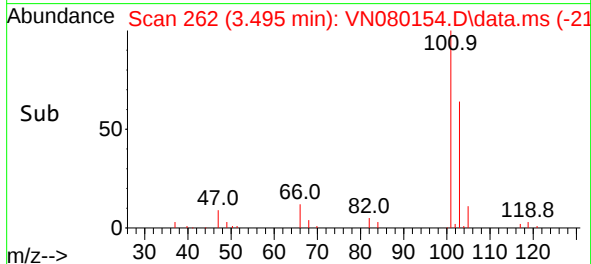
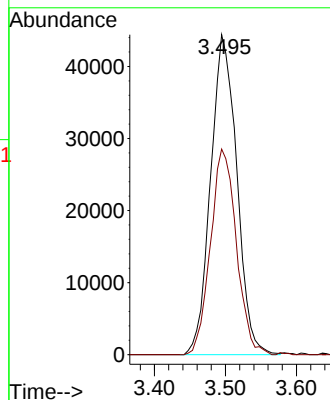
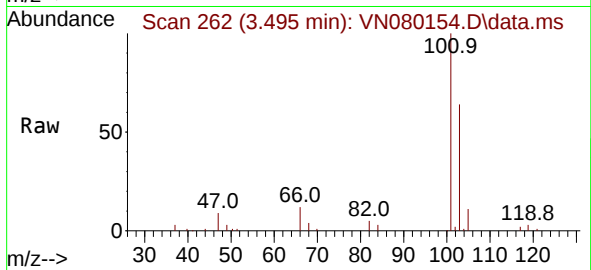
#7
 Trichlorofluoromethane
 Concen: 17.960 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. -0.000 min
 Lab File: VN080154.D
 Acq: 17 Nov 2023 11:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117MBS01

Tgt Ion:101 Resp: 113458
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.7 76.1

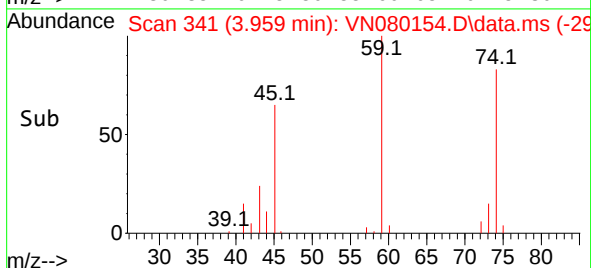
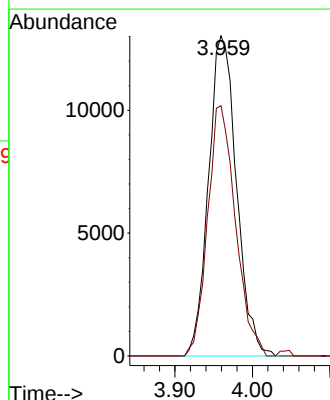
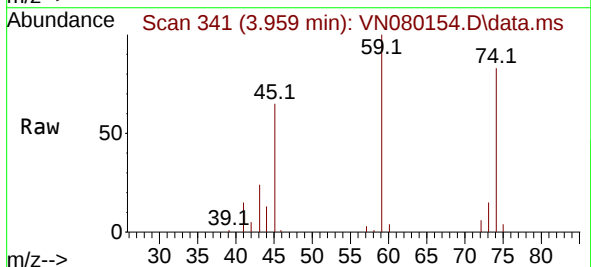
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#8
 Diethyl Ether
 Concen: 17.789 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 32683
 Ion Ratio Lower Upper
 74 100
 45 77.8 34.4 103.3





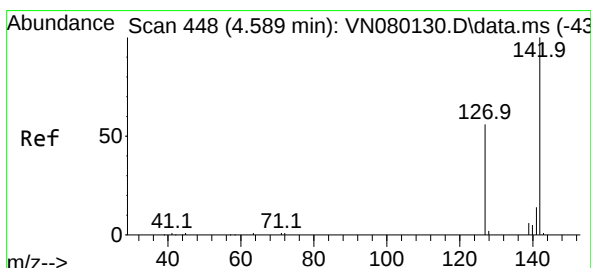
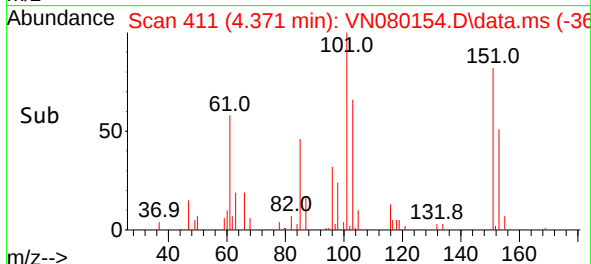
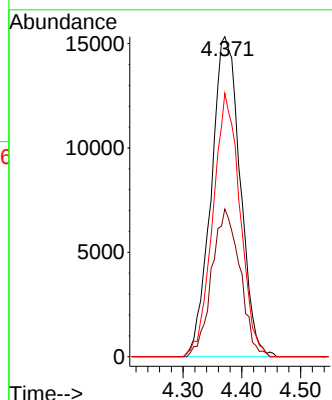
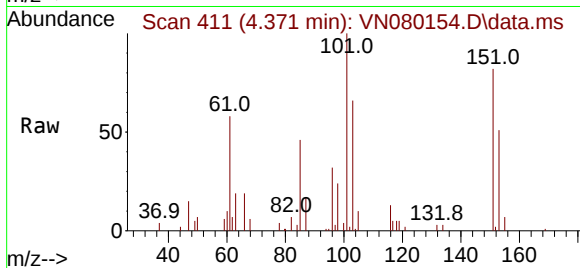
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1,1,2-Trichlorotrifluoroethane
Concen: 18.176 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN080154.D
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Tgt Ion:101 Resp: 5248
Ion Ratio Lower Upper
101 100
85 44.9 36.6 55.0
151 77.1 57.6 86.4

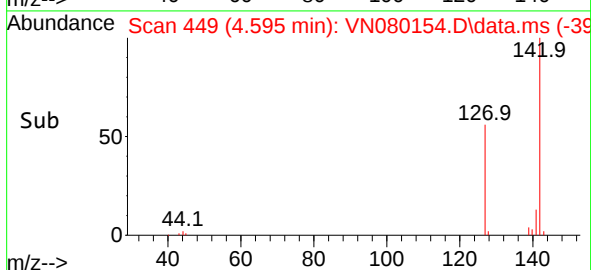
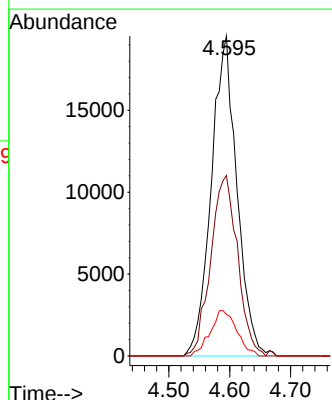
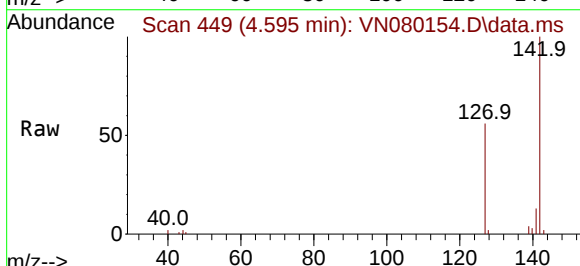
Manual Integrations
APPROVED

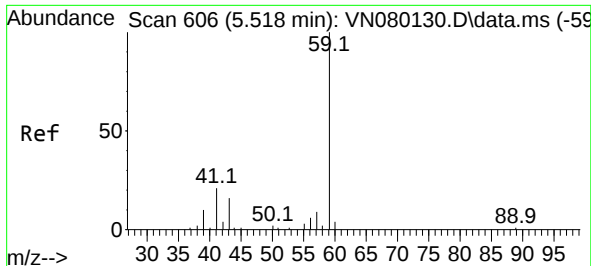
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#10
Methyl Iodide
Concen: 18.309 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

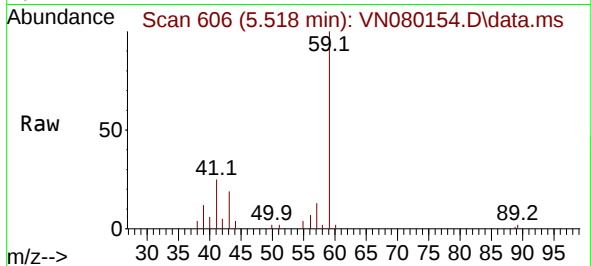
Tgt Ion:142 Resp: 57132
Ion Ratio Lower Upper
142 100
127 56.4 37.6 56.4#
141 13.0 11.4 17.0





#11
Tert butyl alcohol
Concen: 91.378 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

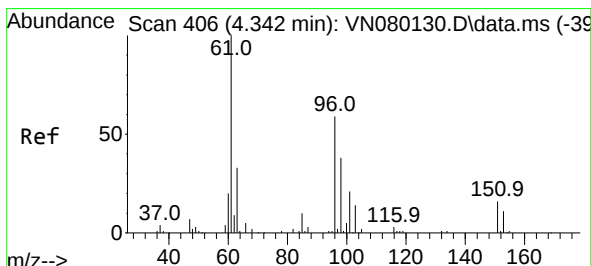
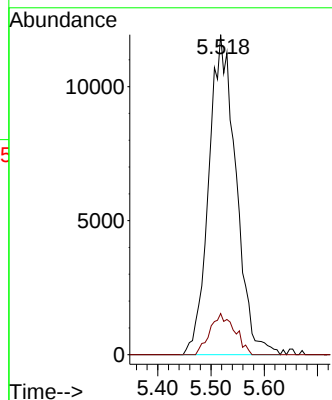
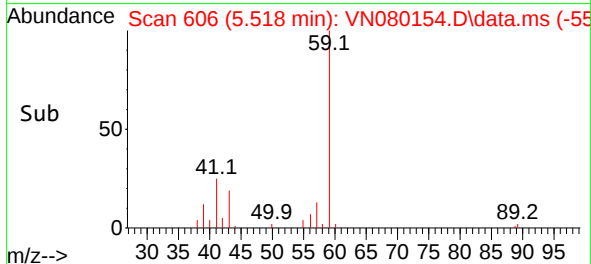
Instrument :
MSVOA_N
ClientSampleId :
VN1117MBS01



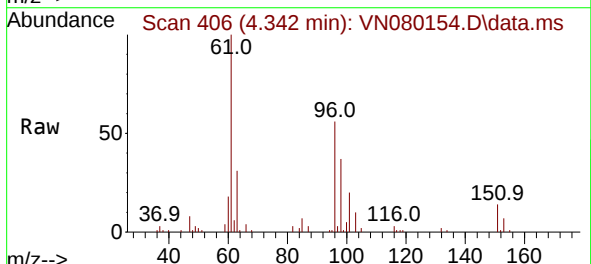
Tgt Ion: 59 Resp: 42390
Ion Ratio Lower Upper
59 100
57 11.7 8.2 12.4

Manual Integrations
APPROVED

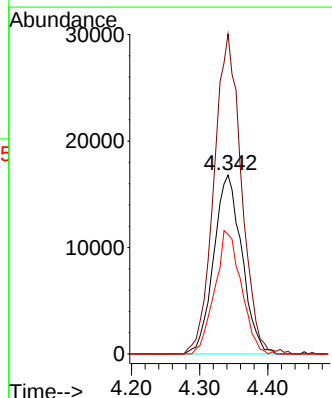
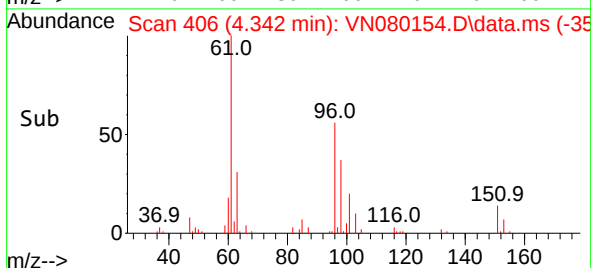
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

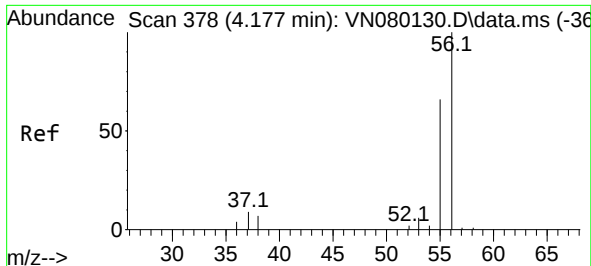


#12
1,1-Dichloroethene
Concen: 17.872 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42



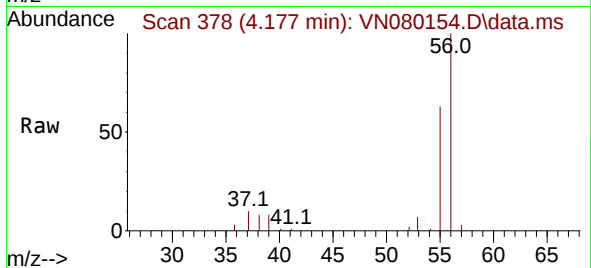
Tgt Ion: 96 Resp: 48267
Ion Ratio Lower Upper
96 100
61 178.9 112.7 169.1#
98 66.8 51.2 76.8





#13
Acrolein
Concen: 105.061 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

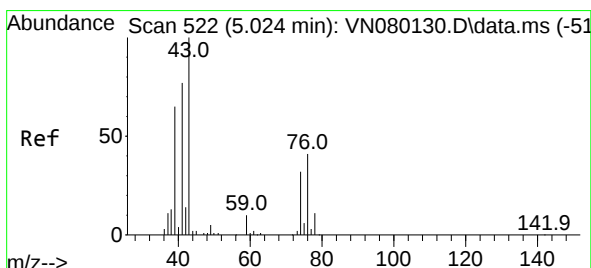
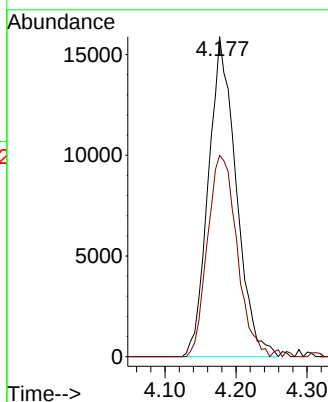
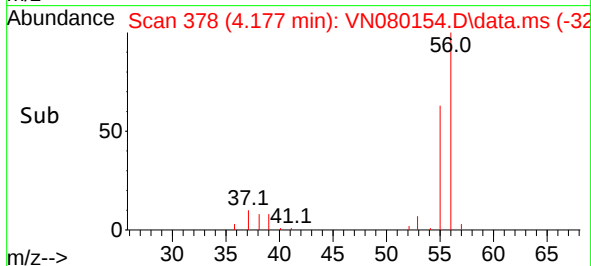
Instrument :
MSVOA_N
ClientSampleId :
VN1117MBS01



Tgt Ion: 56 Resp: 43138
Ion Ratio Lower Upper
56 100
55 66.7 54.5 81.7

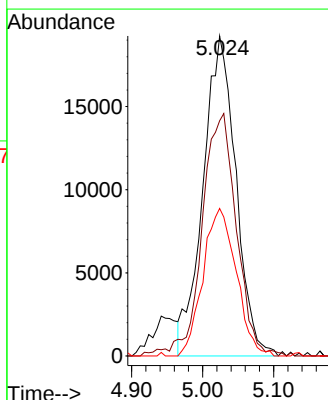
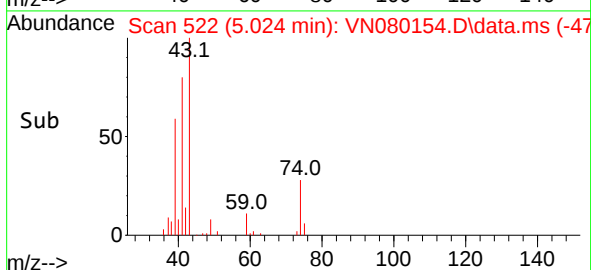
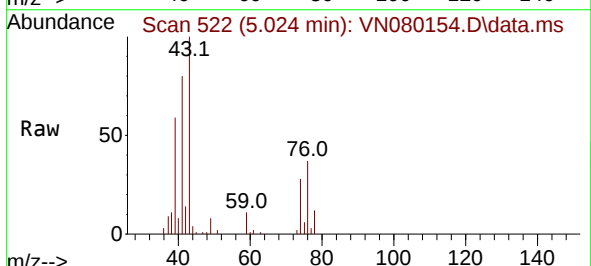
Manual Integrations
APPROVED

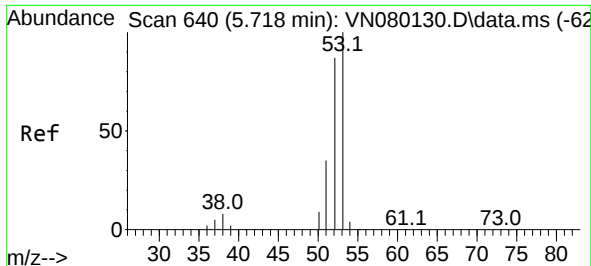
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#14
Allyl chloride
Concen: 18.207 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

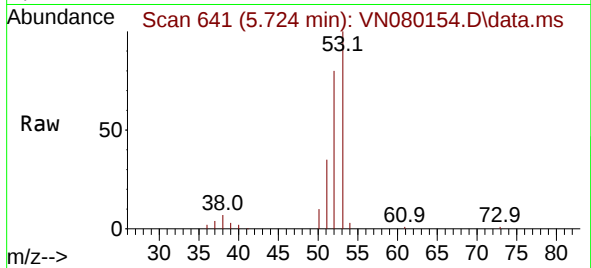
Tgt Ion: 41 Resp: 61863
Ion Ratio Lower Upper
41 100
39 79.2 58.8 88.2
76 46.7 39.1 58.7





#15
Acrylonitrile
Concen: 96.587 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

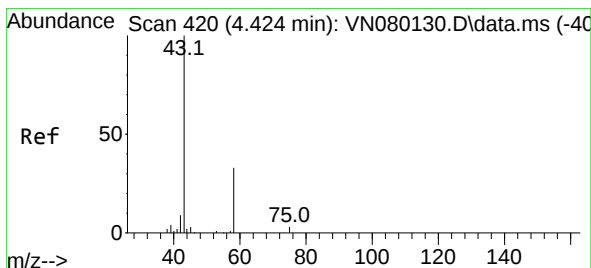
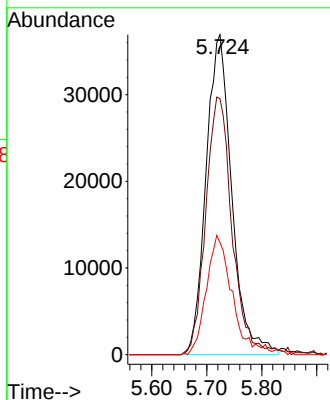
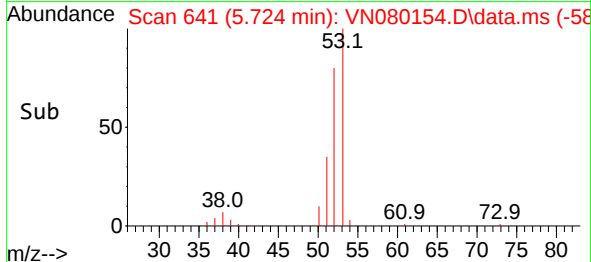
Instrument :
MSVOA_N
Client Sample Id :
VN1117MBS01



Tgt Ion: 53 Resp: 12030
Ion Ratio Lower Upper
53 100
52 82.5 65.3 97.9
51 37.3 28.9 43.3

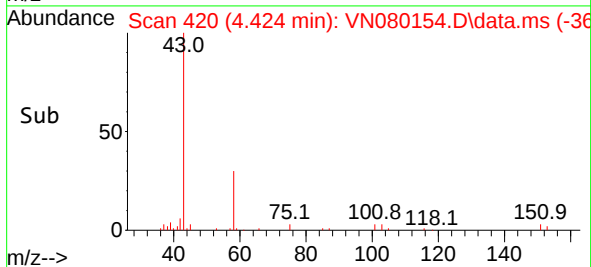
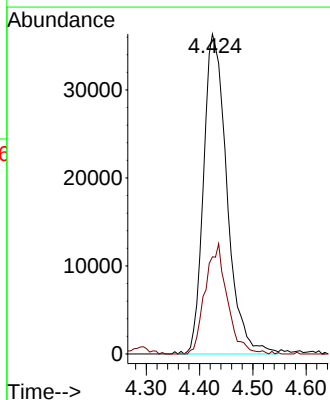
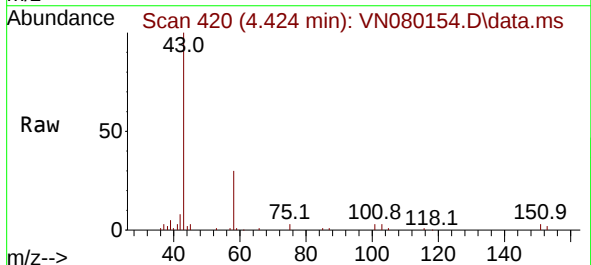
Manual Integrations
APPROVED

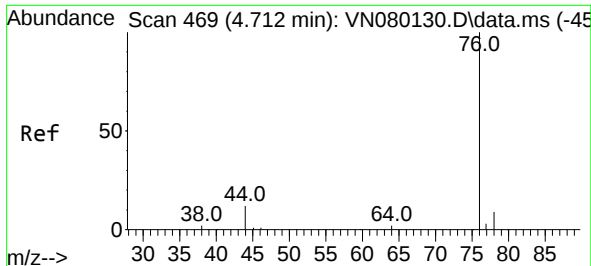
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#16
Acetone
Concen: 78.323 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

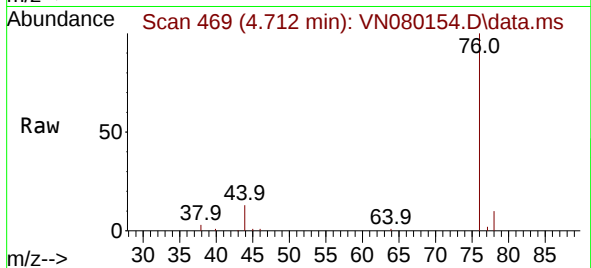
Tgt Ion: 43 Resp: 110989
Ion Ratio Lower Upper
43 100
58 30.4 28.0 42.0





#17
Carbon Disulfide
Concen: 17.315 ug/l
RT: 4.712 min Scan# 40
Delta R.T. -0.000 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

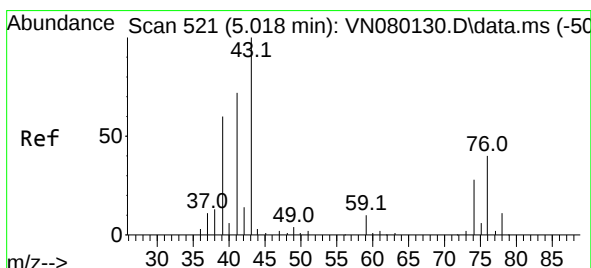
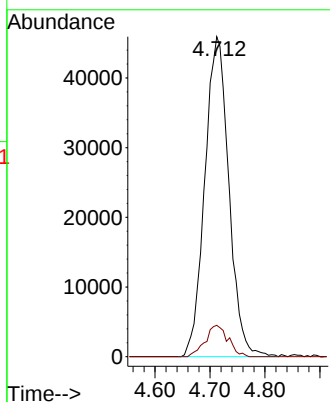
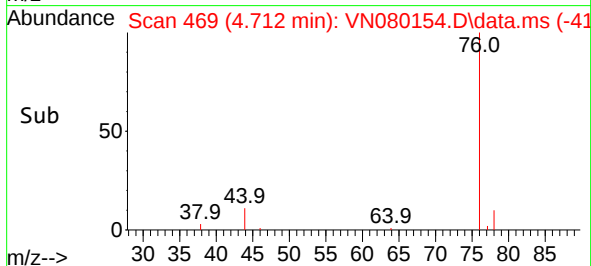
Instrument :
MSVOA_N
ClientSampleId :
VN1117MBS01



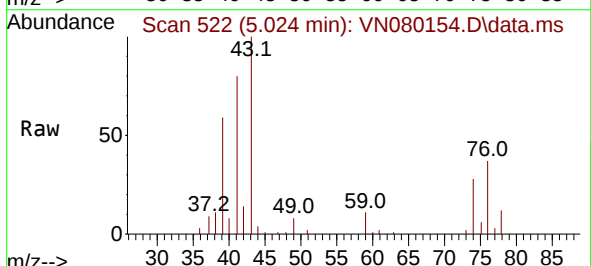
Tgt Ion: 76 Resp: 139624
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0

Manual Integrations
APPROVED

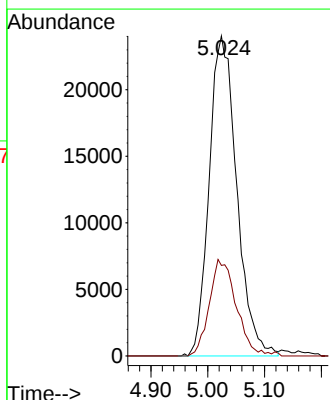
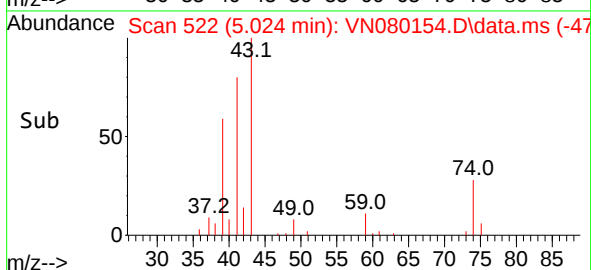
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

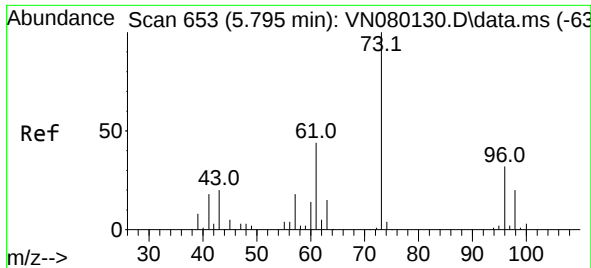


#18
Methyl Acetate
Concen: 17.773 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42



Tgt Ion: 43 Resp: 80923
Ion Ratio Lower Upper
43 100
74 29.6 26.2 39.4





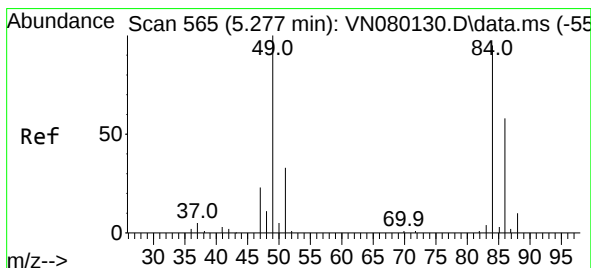
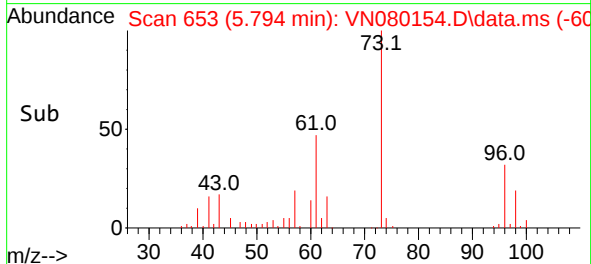
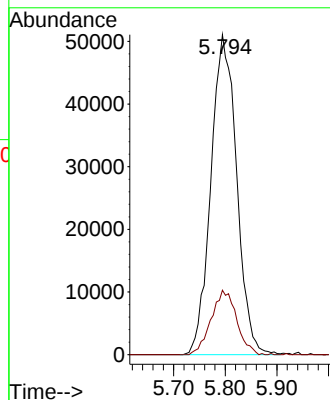
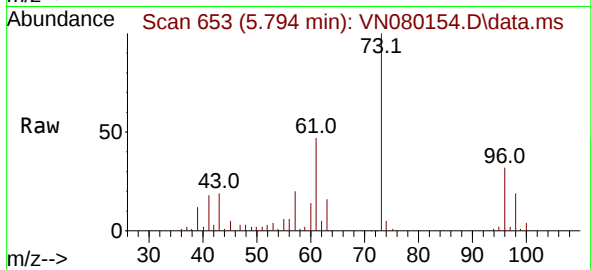
#19
Methyl tert-butyl Ether
Concen: 18.531 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN1117MBS01

Tgt Ion: 73 Resp: 176739
Ion Ratio Lower Upper
73 100
57 20.2 15.6 23.4

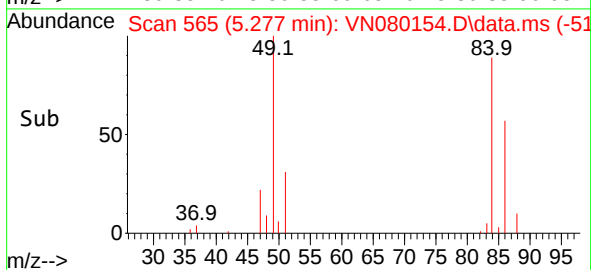
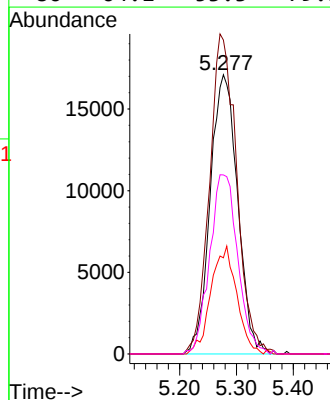
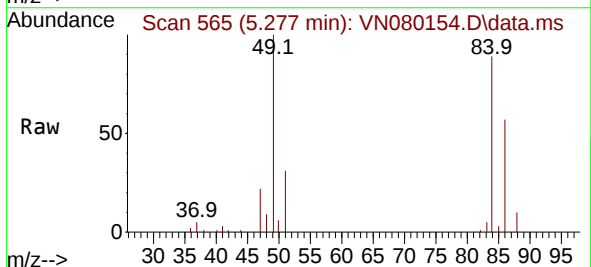
Manual Integrations
APPROVED

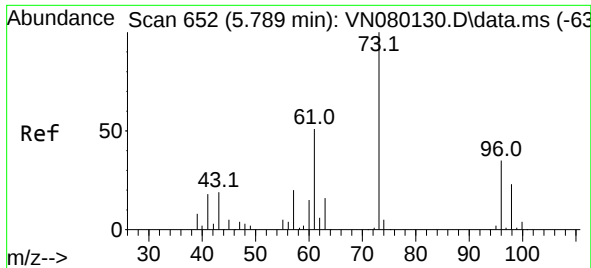
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#20
Methylene Chloride
Concen: 19.328 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

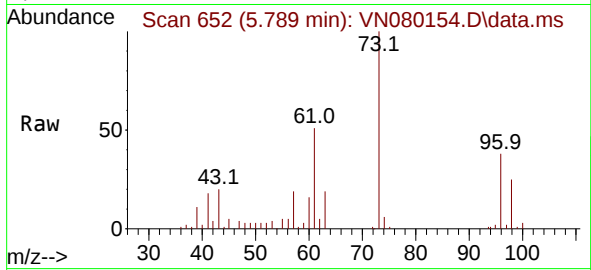
Tgt Ion: 84 Resp: 57358
Ion Ratio Lower Upper
84 100
49 112.4 79.7 119.5
51 34.5 25.2 37.8
86 64.1 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 18.355 ug/l
RT: 5.789 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

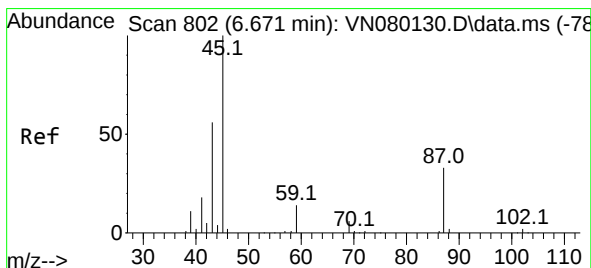
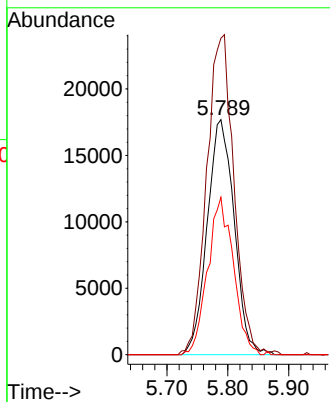
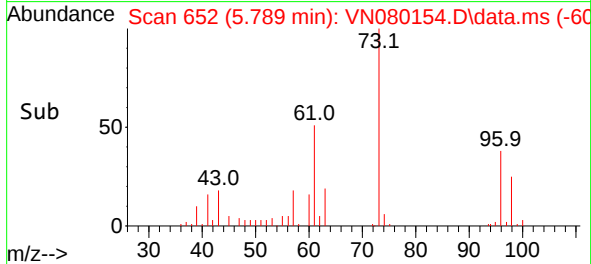
Instrument :
MSVOA_N
ClientSampleId :
VN1117MBS01



Tgt Ion: 96 Resp: 5445
Ion Ratio Lower Upper
96 100
61 134.7 90.1 135.1
98 67.0 46.4 69.6

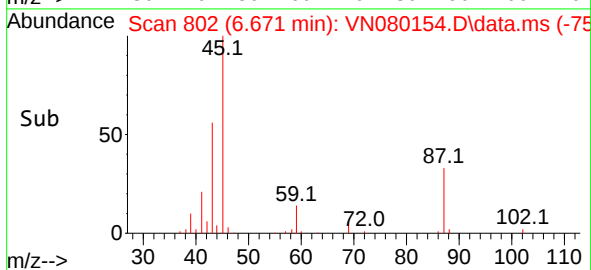
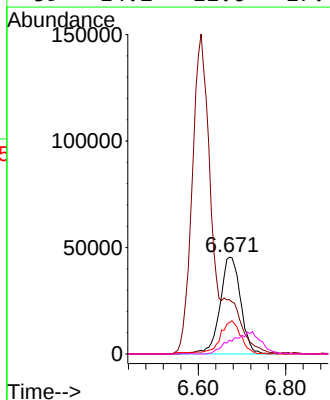
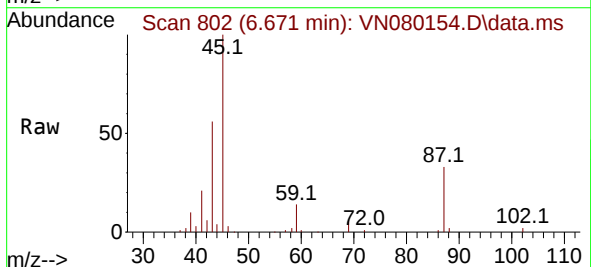
Manual Integrations
APPROVED

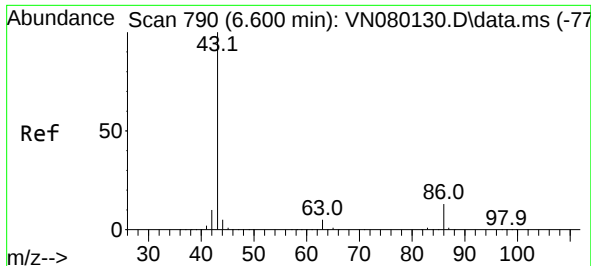
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#22
Diisopropyl ether
Concen: 19.711 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

Tgt Ion: 45 Resp: 148180
Ion Ratio Lower Upper
45 100
43 54.9 45.5 68.3
87 32.6 31.8 47.8
59 14.2 11.6 17.4





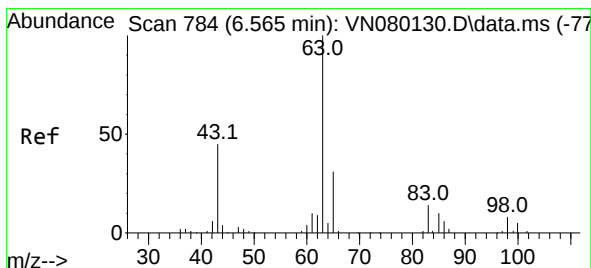
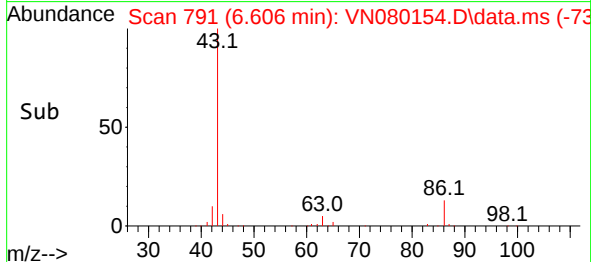
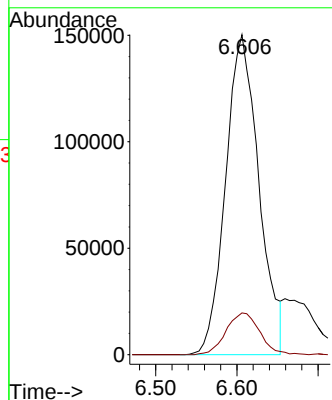
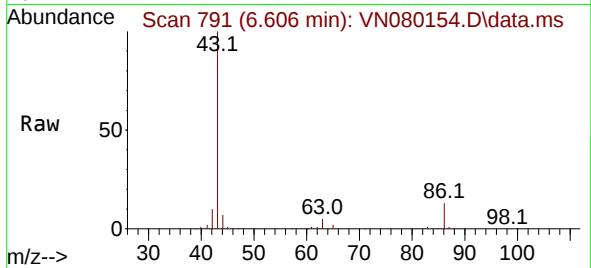
#23
 Vinyl Acetate
 Concen: 94.961 ug/l
 RT: 6.606 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN080154.D
 Acq: 17 Nov 2023 11:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117MBS01

Tgt Ion: 43 Resp: 42917
 Ion Ratio Lower Upper
 43 100
 86 12.9 13.0 19.6

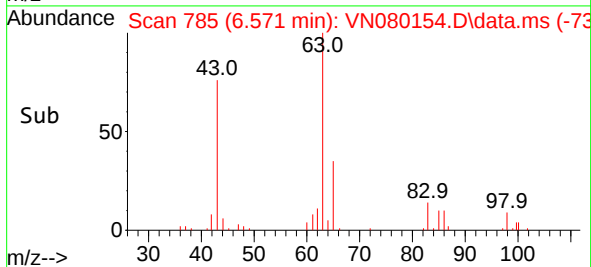
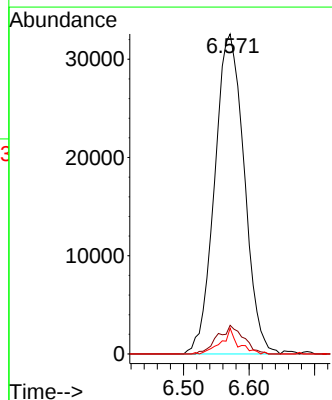
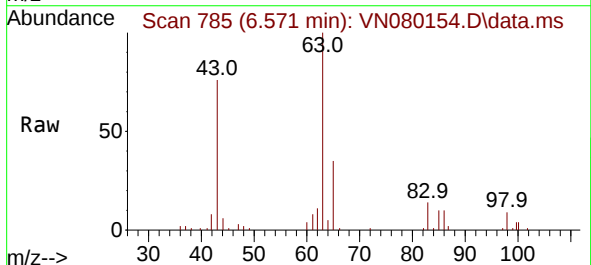
Manual Integrations
 APPROVED

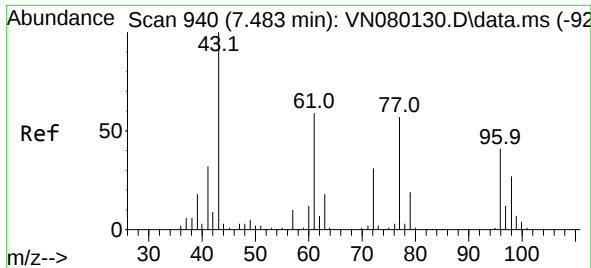
Reviewed By :John Carlone 11/18/2023
 Supervised By :Mahesh Dadoda 11/20/2023



#24
 1,1-Dichloroethane
 Concen: 18.605 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080154.D
 Acq: 17 Nov 2023 11:42

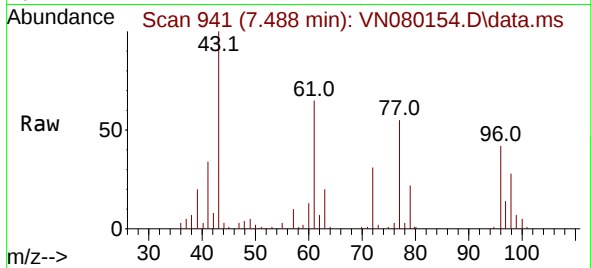
Tgt Ion: 63 Resp: 101867
 Ion Ratio Lower Upper
 63 100
 98 9.0 3.9 11.7
 100 8.1 2.5 7.4





#25
2-Butanone
Concen: 87.061 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

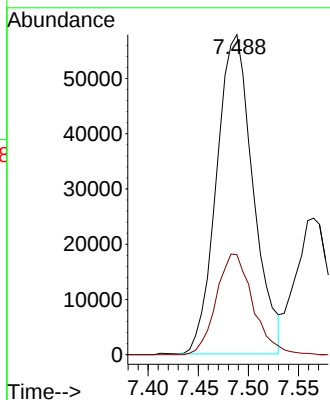
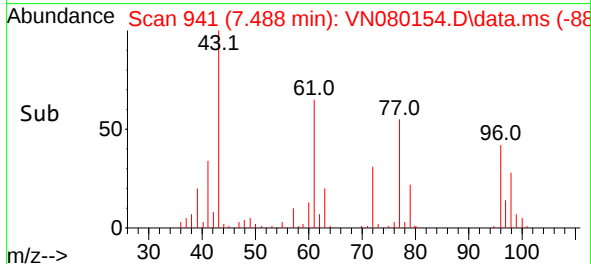
Instrument :
MSVOA_N
ClientSampleId :
VN1117MBS01



Tgt Ion: 43 Resp: 14658
Ion Ratio Lower Upper
43 100
72 31.3 30.2 45.2

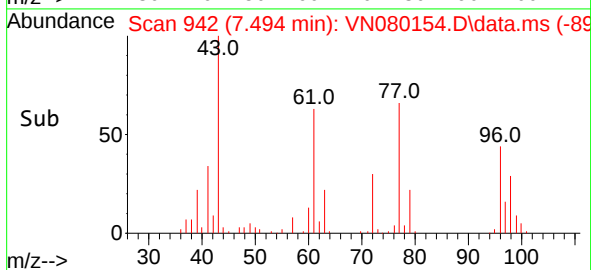
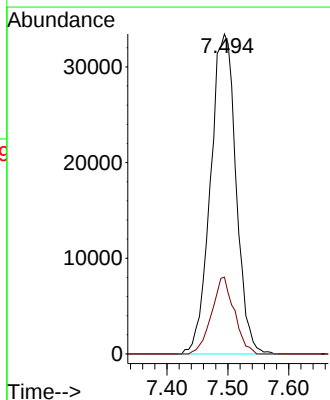
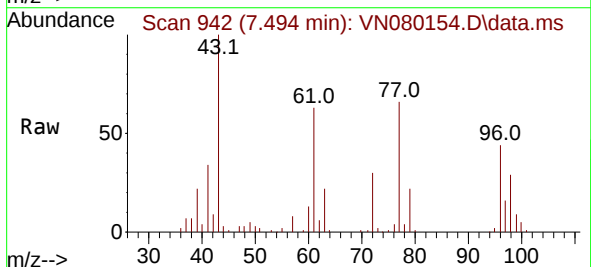
Manual Integrations
APPROVED

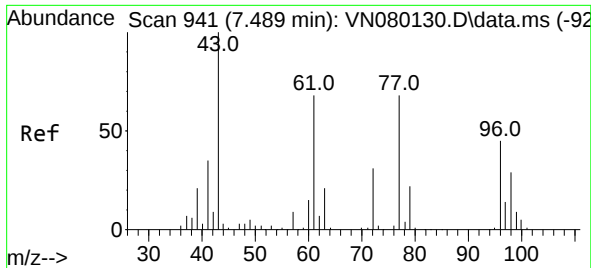
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#26
2,2-Dichloropropane
Concen: 17.946 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

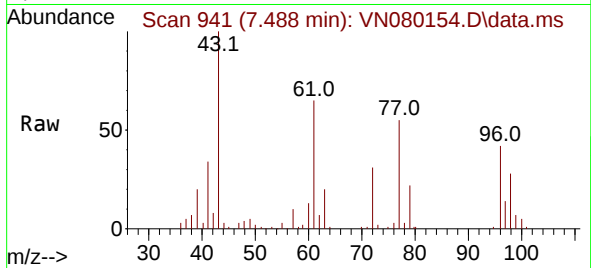
Tgt Ion: 77 Resp: 97483
Ion Ratio Lower Upper
77 100
97 21.3 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 18.710 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN080154.D
 Acq: 17 Nov 2023 11:42

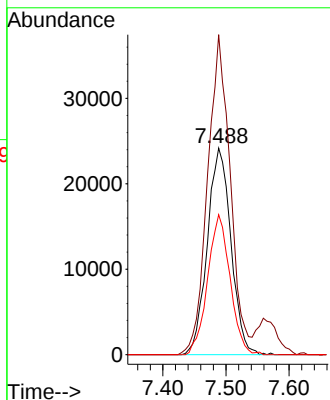
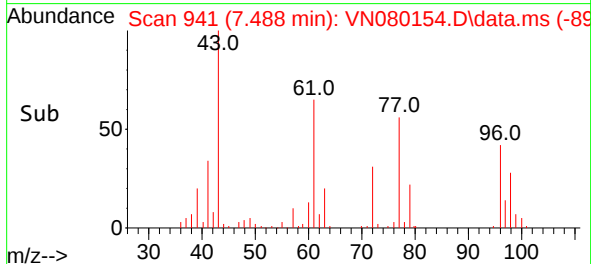
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117MBS01



Tgt Ion: 96 Resp: 6293
 Ion Ratio Lower Upper
 96 100
 61 148.5 0.0 255.2
 98 64.3 0.0 128.8

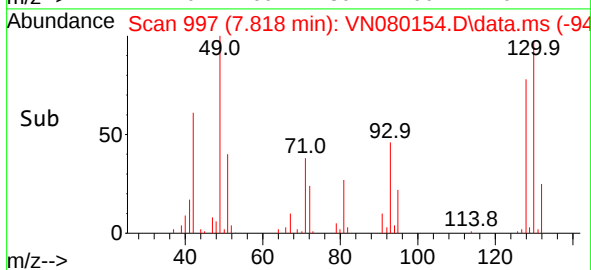
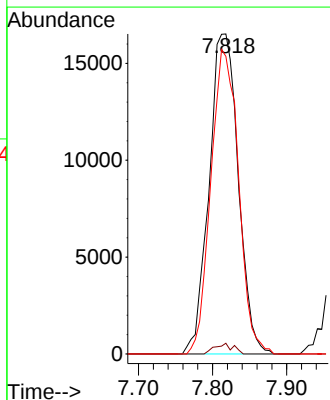
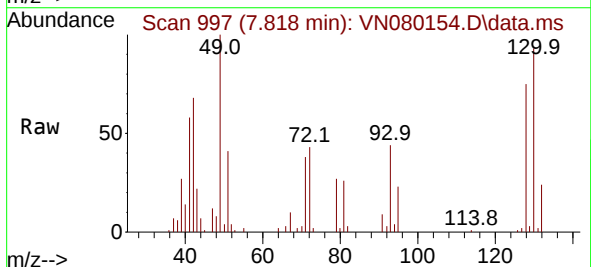
Manual Integrations
 APPROVED

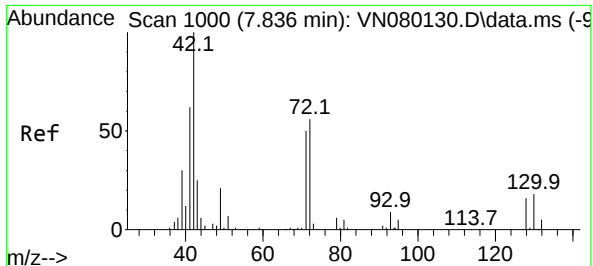
Reviewed By :John Carlone 11/18/2023
 Supervised By :Mahesh Dadoda 11/20/2023



#28
 Bromochloromethane
 Concen: 20.995 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN080154.D
 Acq: 17 Nov 2023 11:42

Tgt Ion: 49 Resp: 45193
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.8
 130 90.5 75.3 112.9





#29

Tetrahydrofuran

Concen: 101.641 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN080154.D

Acq: 17 Nov 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN1117MBS01

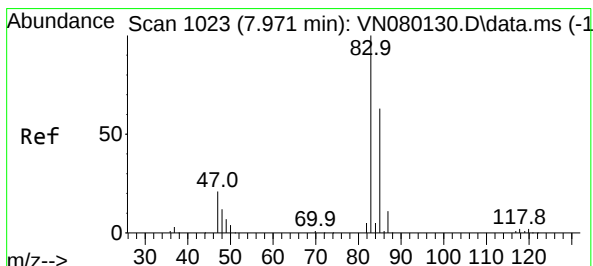
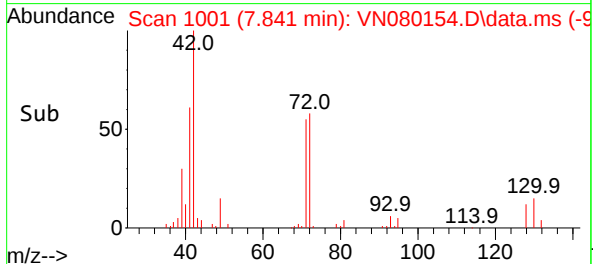
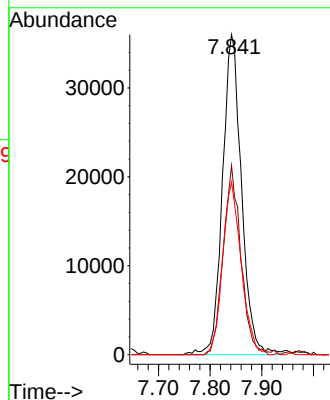
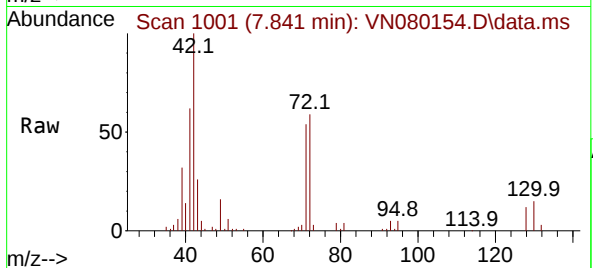
Tgt Ion:	42	Resp:	91874
Ion	Ratio	Lower	Upper
42	100		
72	55.1	49.8	74.6
71	52.8	47.4	71.2

Manual Integrations

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Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#30

Chloroform

Concen: 19.245 ug/l

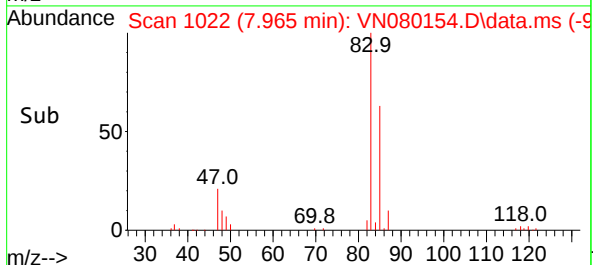
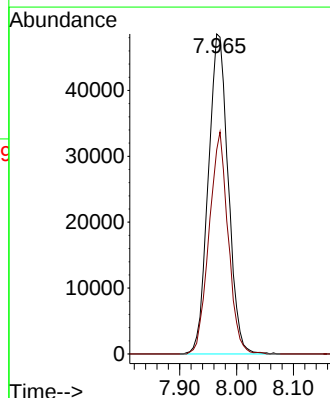
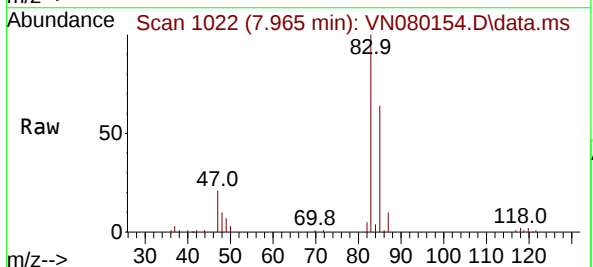
RT: 7.965 min Scan# 1022

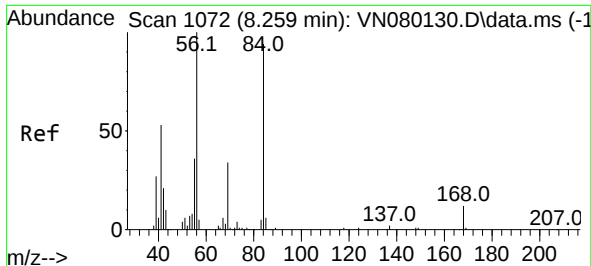
Delta R.T. -0.006 min

Lab File: VN080154.D

Acq: 17 Nov 2023 11:42

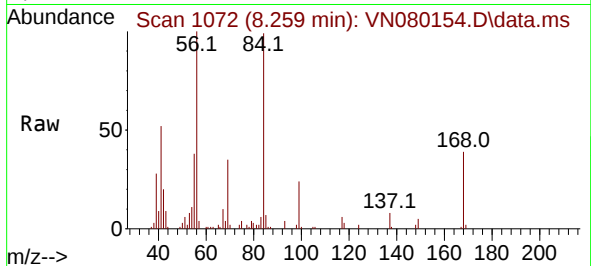
Tgt Ion:	83	Resp:	117774
Ion	Ratio	Lower	Upper
83	100		
85	63.8	55.4	83.0





#31
Cyclohexane
Concen: 17.679 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

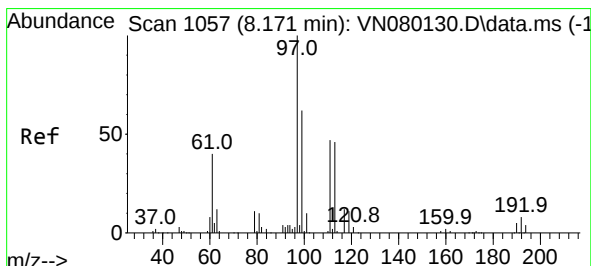
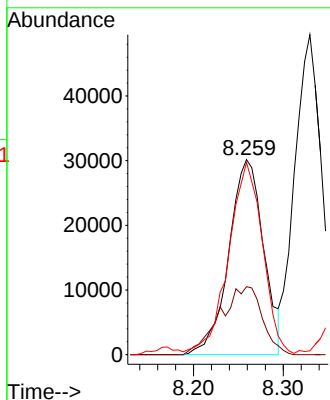
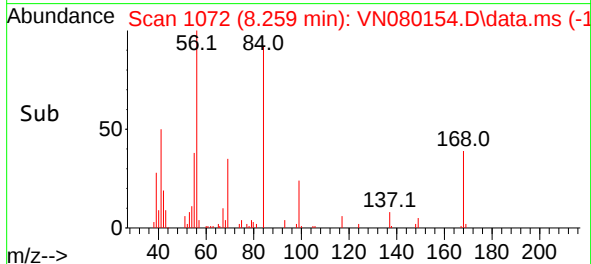
Instrument :
MSVOA_N
ClientSampleId :
VN1117MBS01



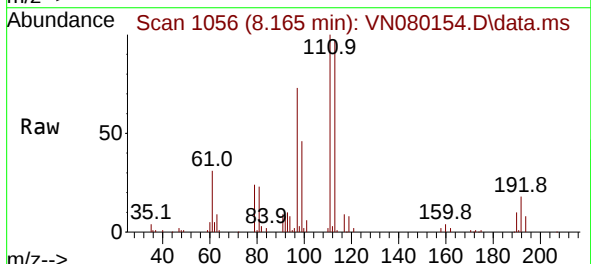
Tgt Ion: 56 Resp: 81118
Ion Ratio Lower Upper
56 100
69 34.9 26.8 40.2
84 96.1 81.8 122.6

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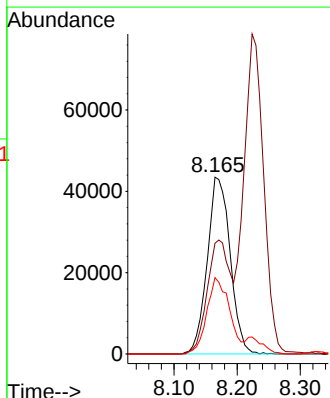
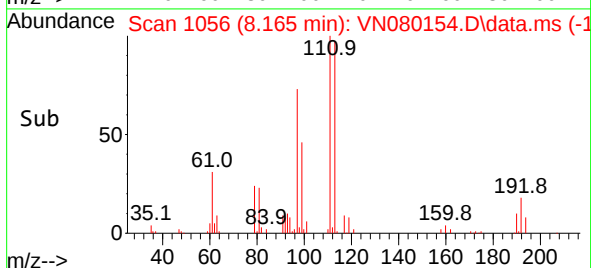
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

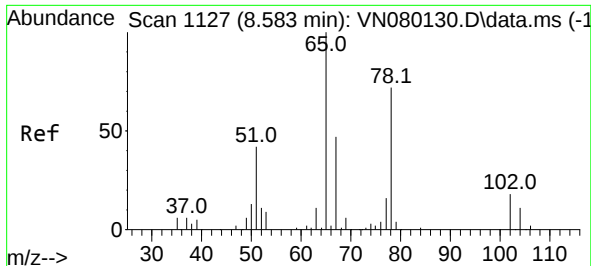


#32
1,1,1-Trichloroethane
Concen: 18.410 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42



Tgt Ion: 97 Resp: 109875
Ion Ratio Lower Upper
97 100
99 64.9 50.3 75.5
61 42.2 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 47.873 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080154.D

Acq: 17 Nov 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN1117MBS01

Tgt Ion: 65 Resp: 201979

Ion Ratio Lower Upper

65 100

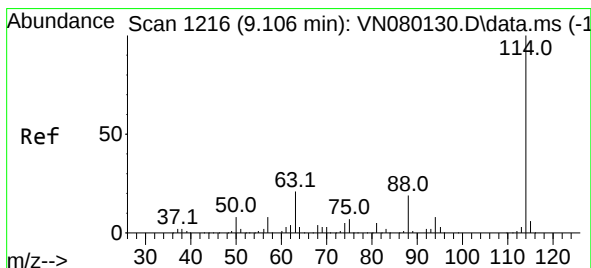
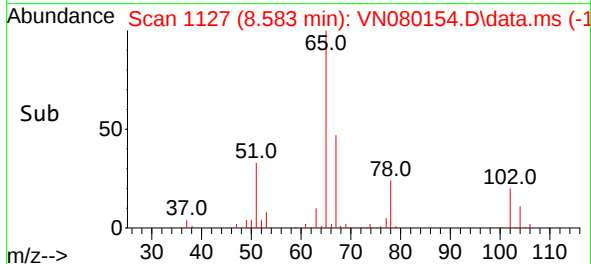
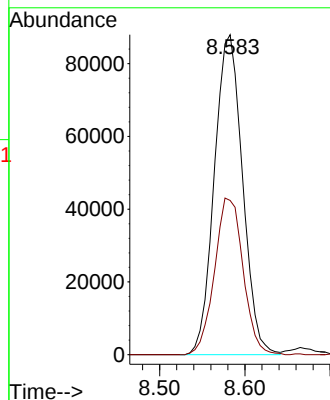
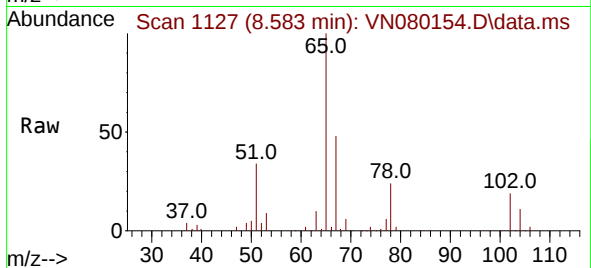
67 49.6 0.0 106.6

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: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080154.D

Acq: 17 Nov 2023 11:42

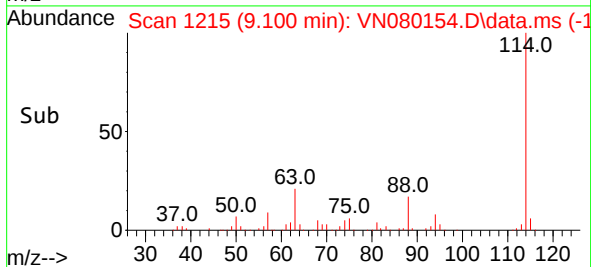
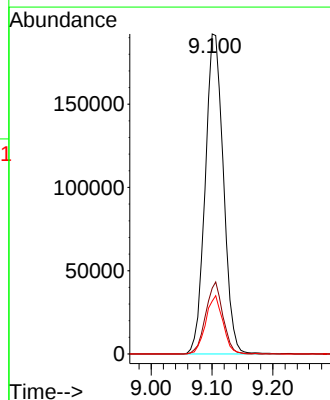
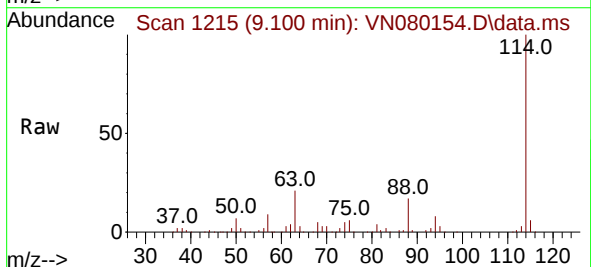
Tgt Ion:114 Resp: 398681

Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.4

88 16.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.364 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN080154.D

Acq: 17 Nov 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN1117MBS01

Tgt Ion: 113 Resp: 145210

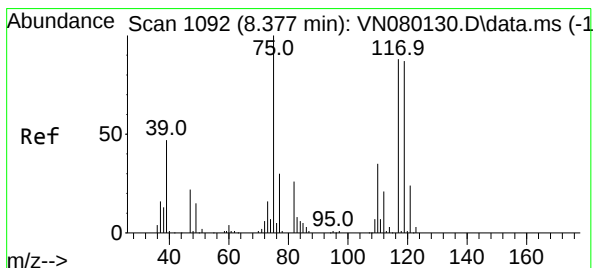
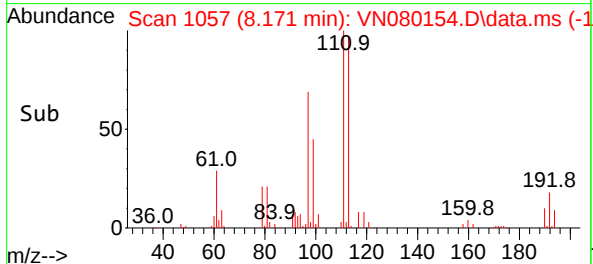
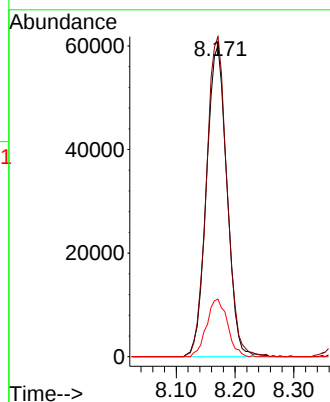
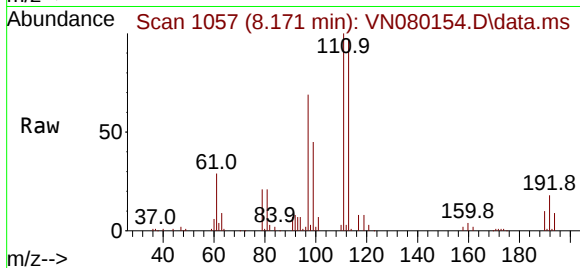
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	123.8
192	18.9	12.7	19.1

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: 19.054 ug/l

RT: 8.371 min Scan# 1091

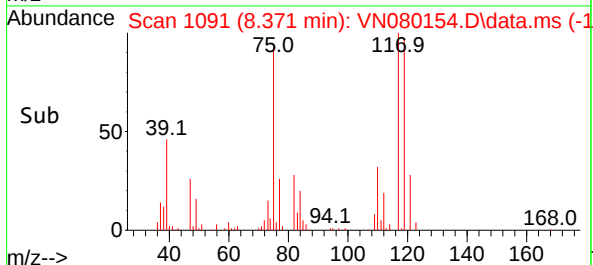
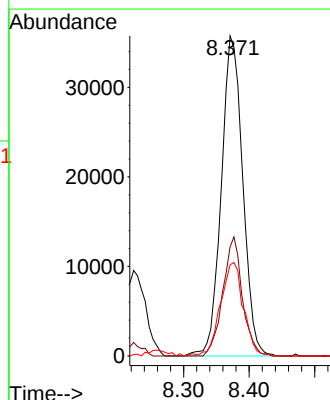
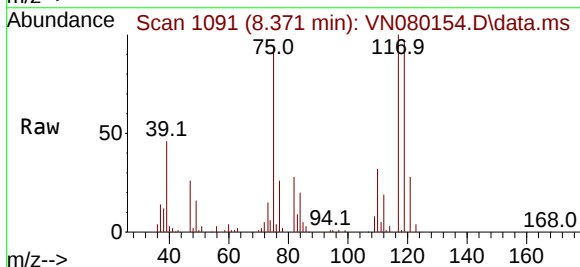
Delta R.T. -0.006 min

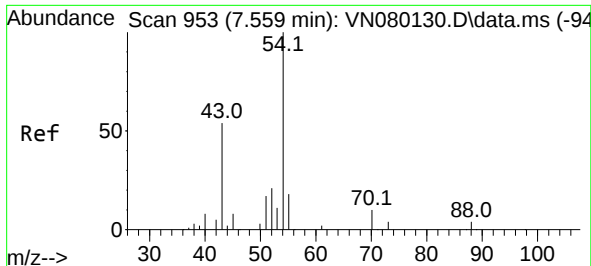
Lab File: VN080154.D

Acq: 17 Nov 2023 11:42

Tgt Ion: 75 Resp: 81152

Ion	Ratio	Lower	Upper
75	100		
110	33.9	19.1	57.3
77	31.2	25.0	37.4





#37

Ethyl Acetate

Concen: 19.699 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080154.D

Acq: 17 Nov 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN1117MBS01

Tgt Ion: 43 Resp: 58190

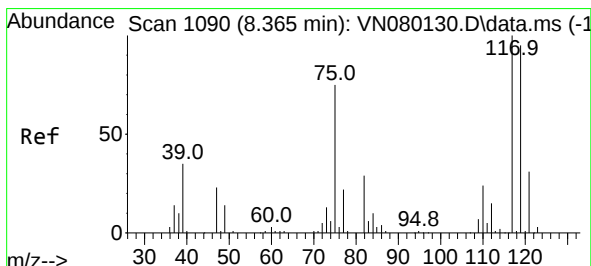
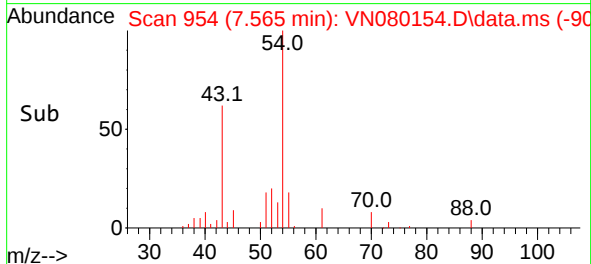
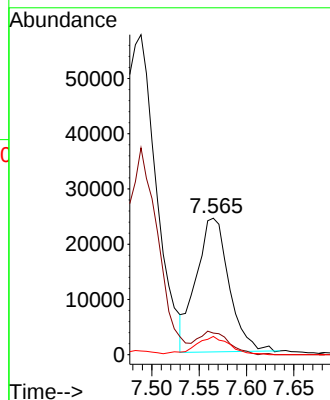
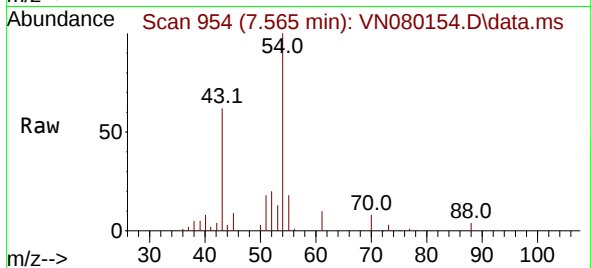
Ion	Ratio	Lower	Upper
43	100		
61	16.0	13.2	19.8
70	14.1	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#38

Carbon Tetrachloride

Concen: 18.788 ug/l

RT: 8.365 min Scan# 1090

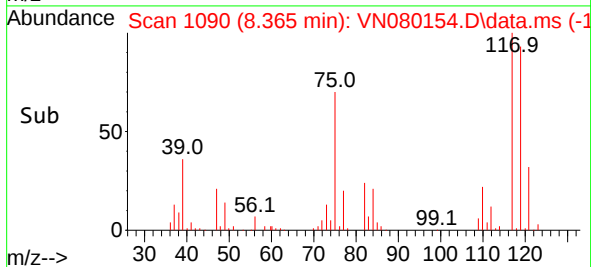
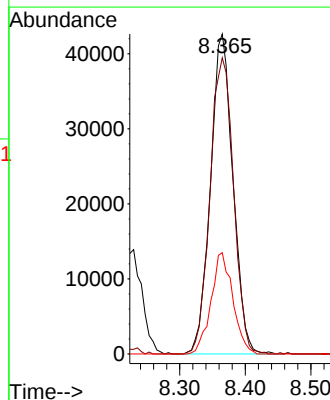
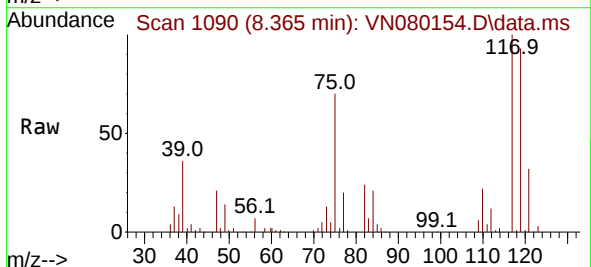
Delta R.T. -0.000 min

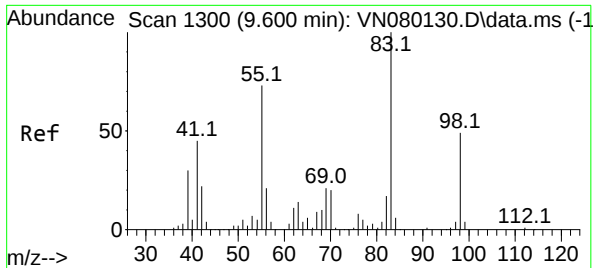
Lab File: VN080154.D

Acq: 17 Nov 2023 11:42

Tgt Ion:117 Resp: 101545

Ion	Ratio	Lower	Upper
117	100		
119	92.6	77.3	115.9
121	31.7	23.3	34.9





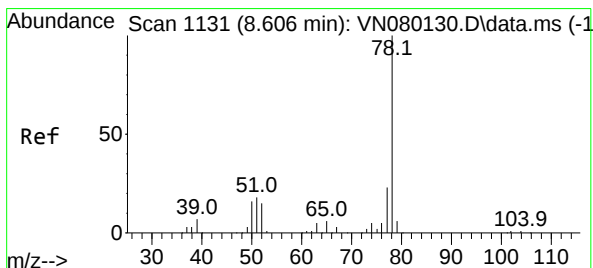
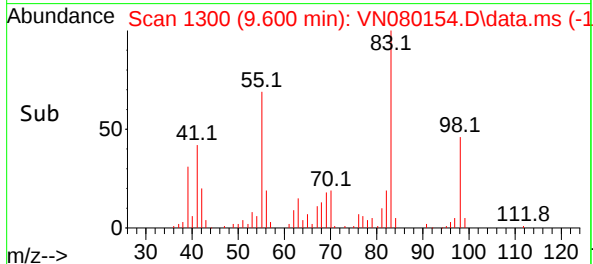
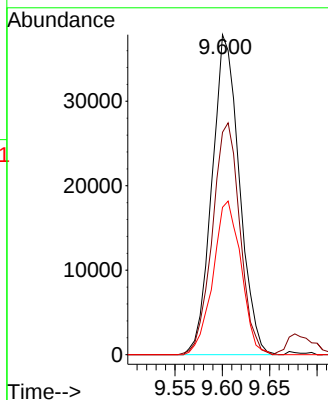
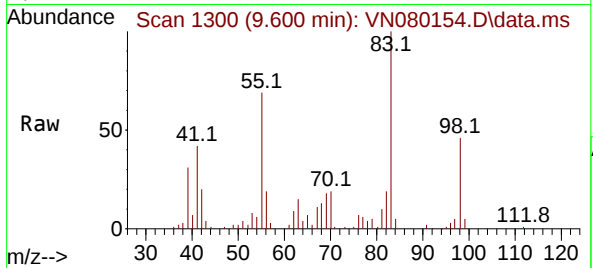
#39
Methylcyclohexane
Concen: 18.524 ug/l
RT: 9.600 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN1117MBS01

Tgt Ion: 83 Resp: 7607
Ion Ratio Lower Upper
83 100
55 69.5 49.1 73.7
98 46.0 40.6 61.0

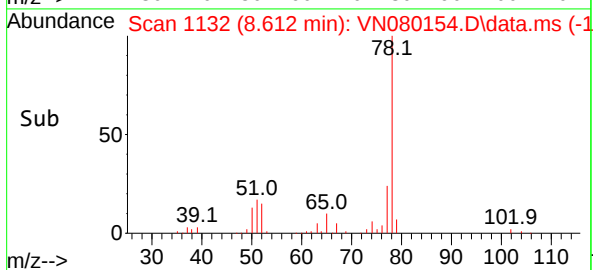
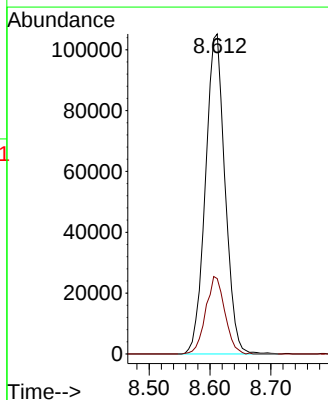
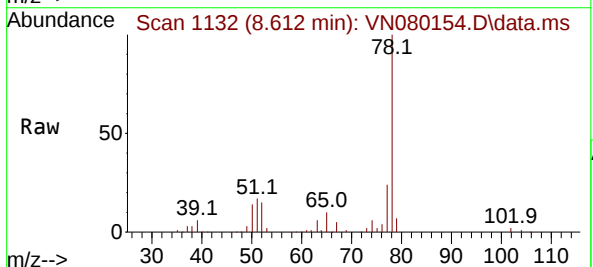
Manual Integrations
APPROVED

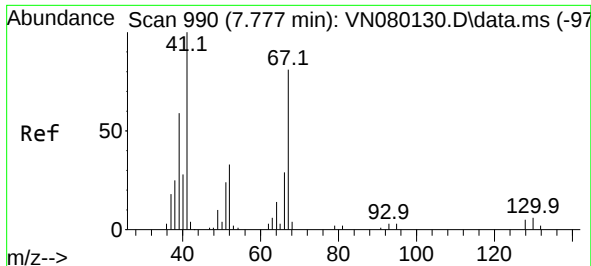
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#40
Benzene
Concen: 19.387 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

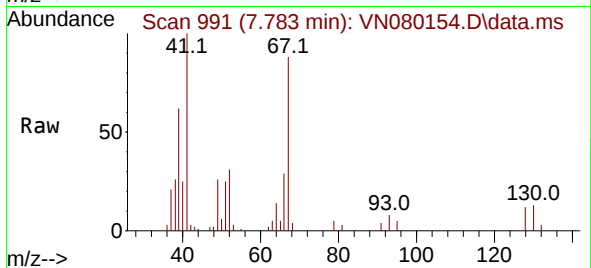
Tgt Ion: 78 Resp: 234674
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6





#41
Methacrylonitrile
Concen: 20.377 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

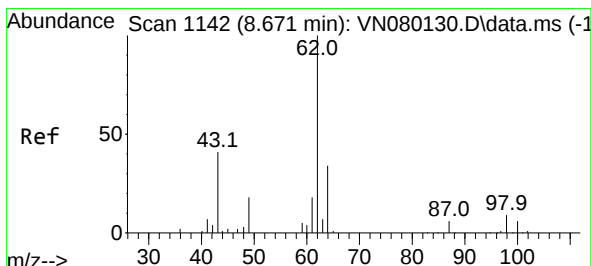
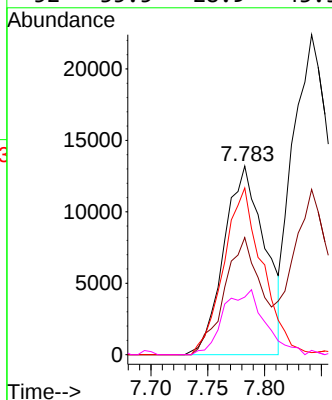
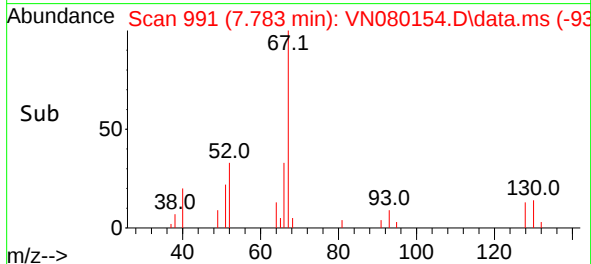
Instrument :
MSVOA_N
ClientSampleId :
VN1117MBS01



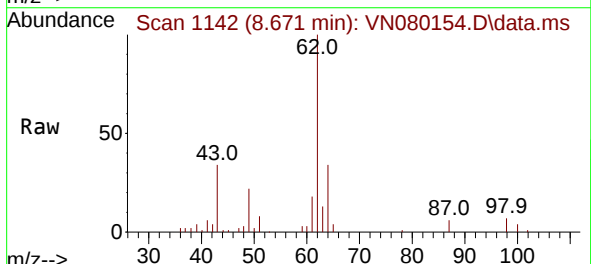
Tgt Ion: 41 Resp: 33060
Ion Ratio Lower Upper
41 100
39 55.1 42.6 64.0
67 83.8 77.5 116.3
52 35.5 28.9 43.3

Manual Integrations
APPROVED

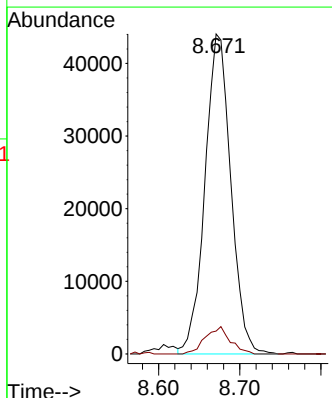
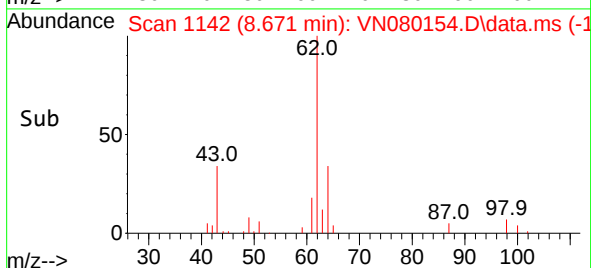
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

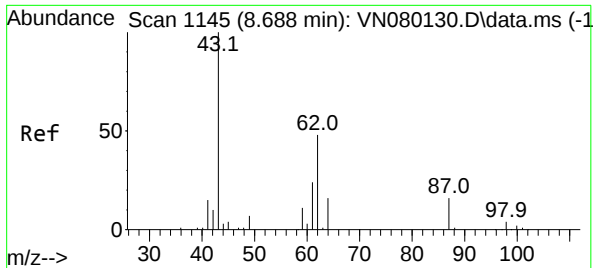


#42
1,2-Dichloroethane
Concen: 19.692 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42



Tgt Ion: 62 Resp: 97521
Ion Ratio Lower Upper
62 100
98 8.2 0.0 19.8





#43

Isopropyl Acetate

Concen: 17.163 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN080154.D

Acq: 17 Nov 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN1117MBS01

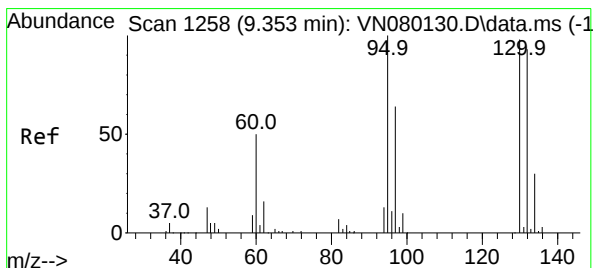
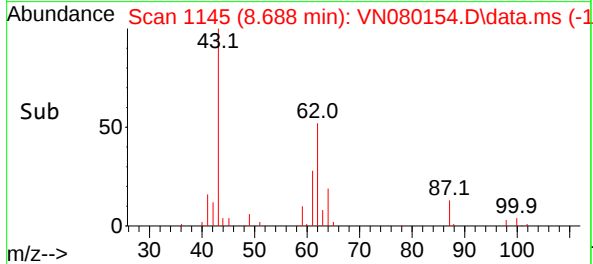
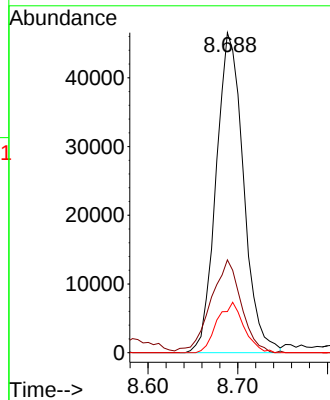
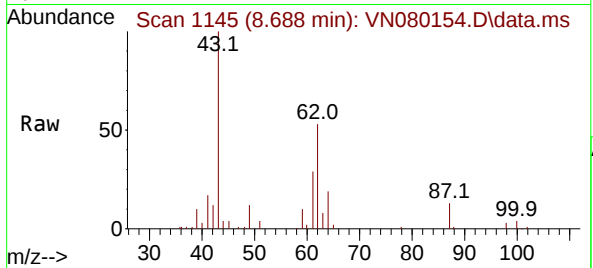
Tgt Ion: 43	Resp: 9866
Ion Ratio	Lower Upper
43	100
61	32.2 24.7 37.1
87	15.4 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#44

Trichloroethene

Concen: 18.623 ug/l

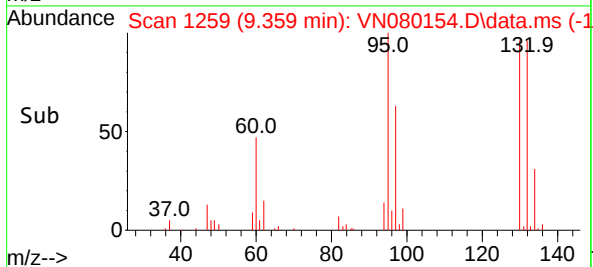
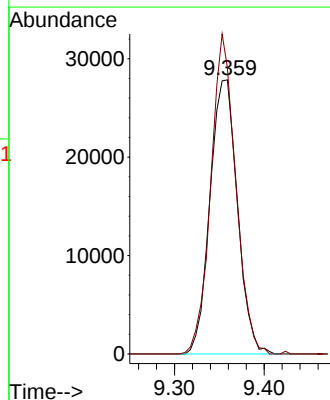
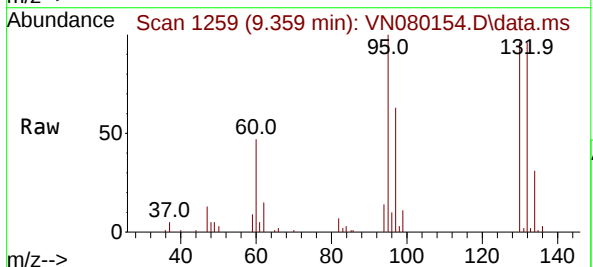
RT: 9.359 min Scan# 1259

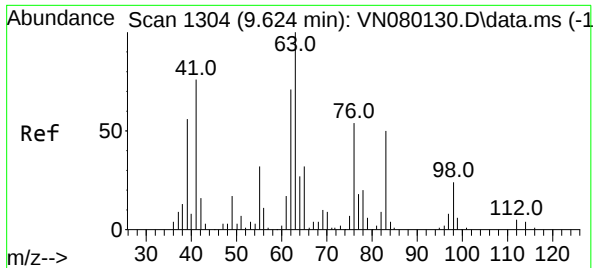
Delta R.T. 0.006 min

Lab File: VN080154.D

Acq: 17 Nov 2023 11:42

Tgt Ion:130	Resp: 59131
Ion Ratio	Lower Upper
130	100
95	104.5 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.849 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN080154.D

Acq: 17 Nov 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN1117MBS01

Tgt Ion: 63 Resp: 5583

Ion Ratio Lower Upper

63 100

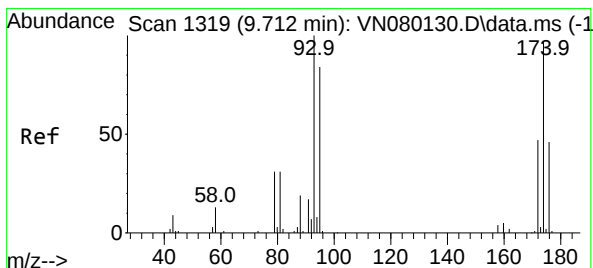
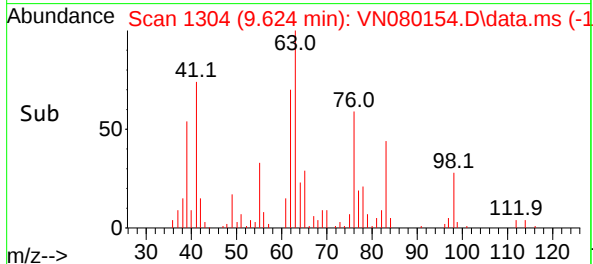
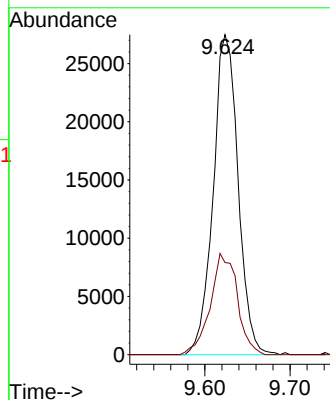
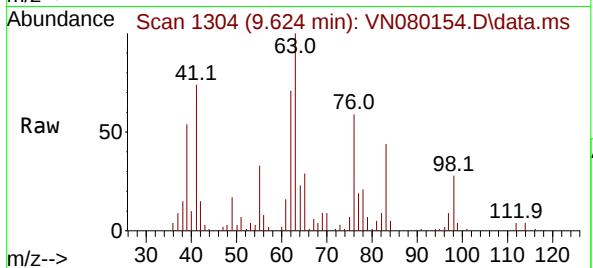
65 28.8 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#46

Dibromomethane

Concen: 19.798 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080154.D

Acq: 17 Nov 2023 11:42

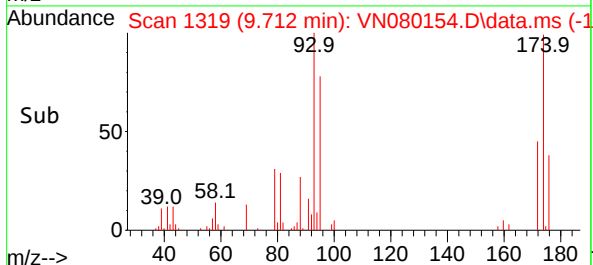
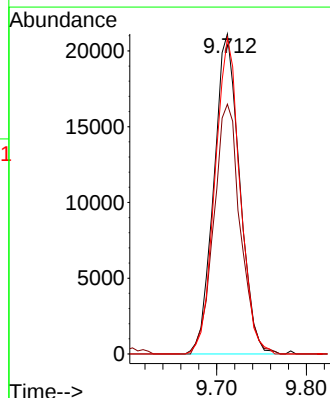
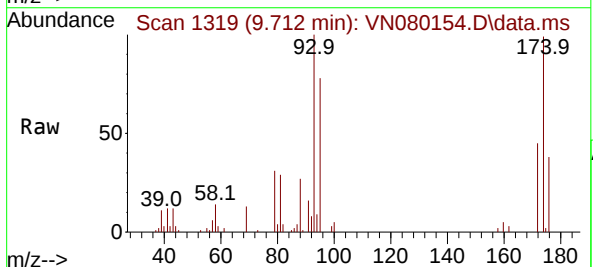
Tgt Ion: 93 Resp: 42158

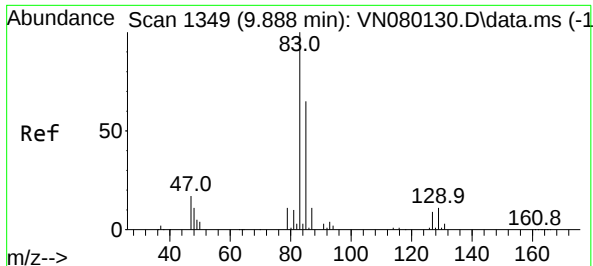
Ion Ratio Lower Upper

93 100

95 80.1 63.8 95.8

174 96.2 65.6 98.4





#47

Bromodichloromethane

Concen: 19.642 ug/l

RT: 9.894 min Scan# 1350

Delta R.T. 0.006 min

Lab File: VN080154.D

Acq: 17 Nov 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN1117MBS01

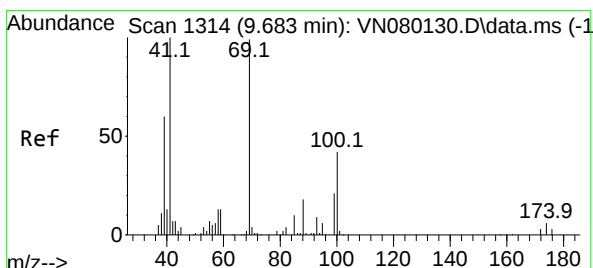
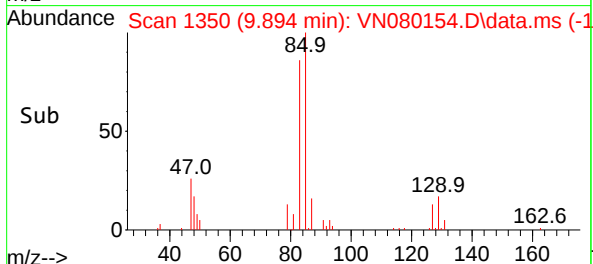
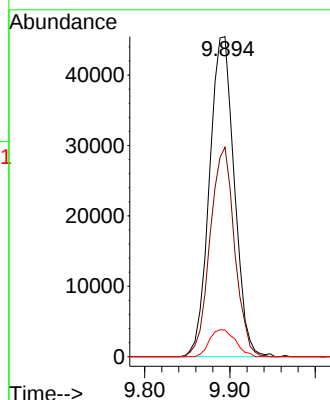
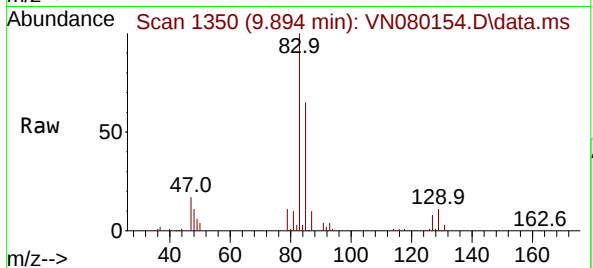
Tgt Ion:	83	Resp:	92004
Ion Ratio	Lower	Upper	
83	100		
85	65.4	49.6	74.4
127	8.3	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#48

Methyl methacrylate

Concen: 20.062 ug/l

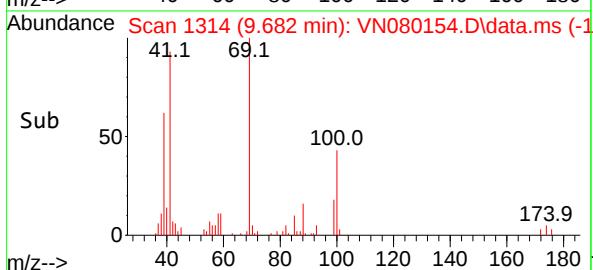
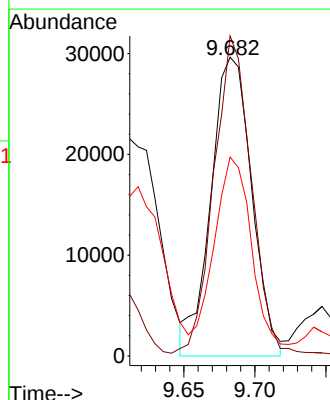
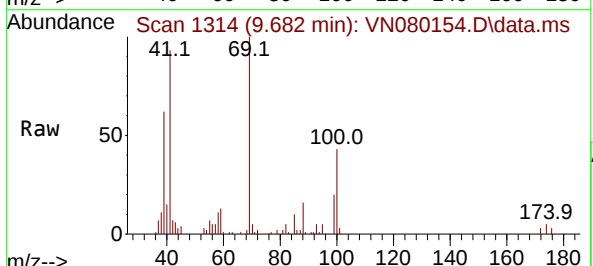
RT: 9.682 min Scan# 1314

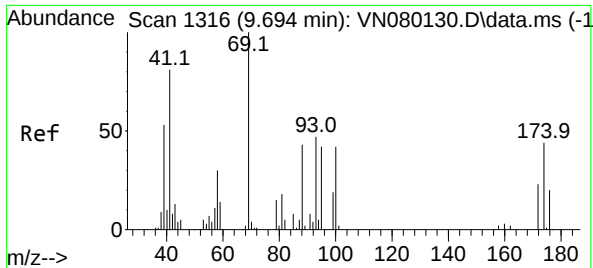
Delta R.T. -0.000 min

Lab File: VN080154.D

Acq: 17 Nov 2023 11:42

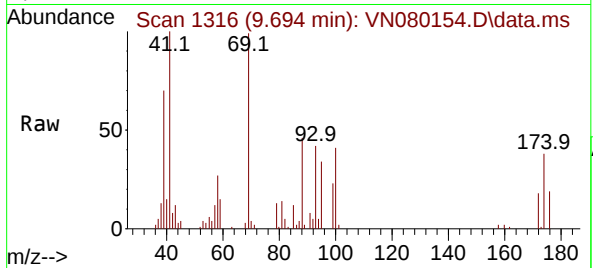
Tgt Ion:	41	Resp:	59436
Ion Ratio	Lower	Upper	
41	100		
69	98.8	90.4	135.6
39	62.7	54.6	81.8





#49
1,4-Dioxane
Concen: 406.398 ug/l
RT: 9.694 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

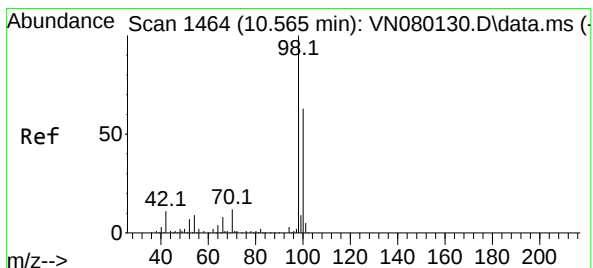
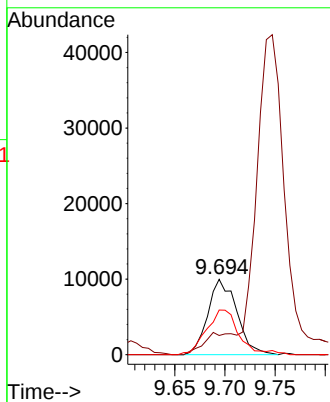
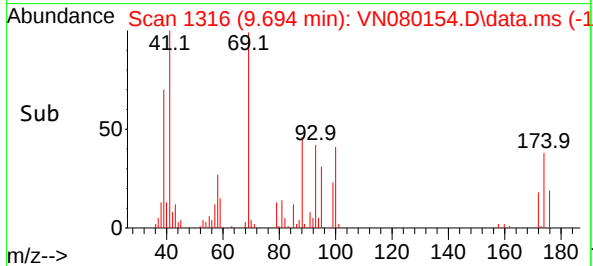
Instrument :
MSVOA_N
ClientSampleId :
VN1117MBS01



Tgt Ion: 88 Resp: 20030
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6
58 66.6 47.0 70.4

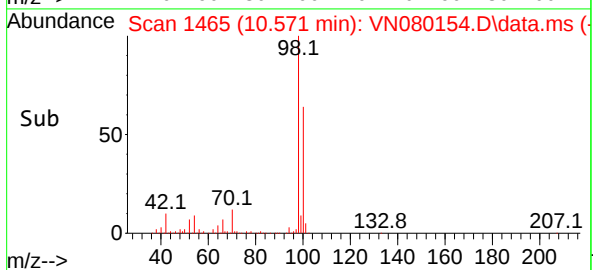
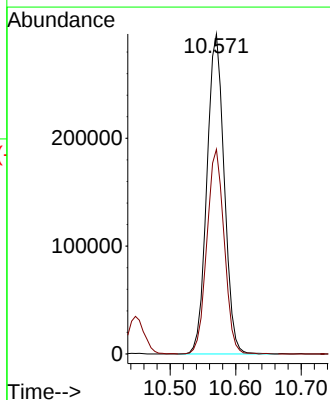
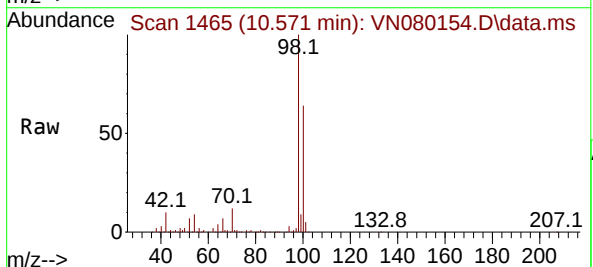
Manual Integrations
APPROVED

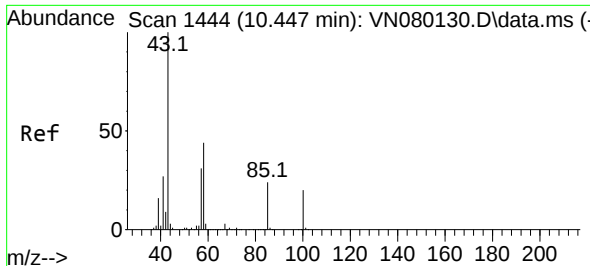
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#50
Toluene-d8
Concen: 51.241 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

Tgt Ion: 98 Resp: 543377
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0





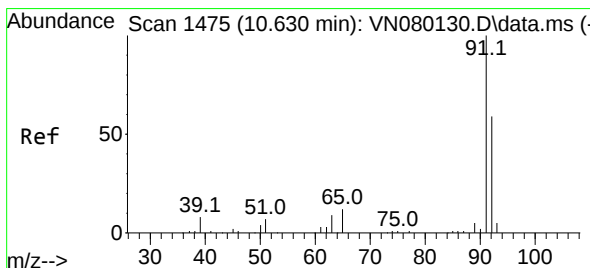
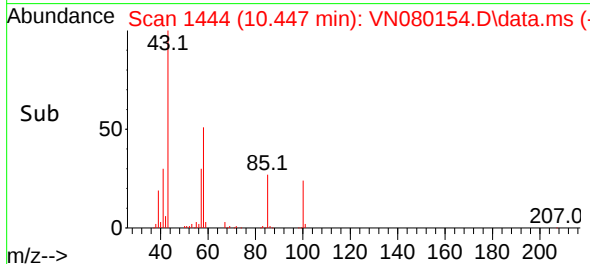
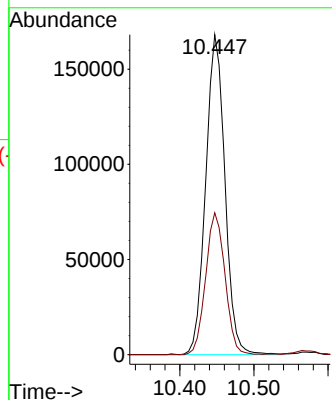
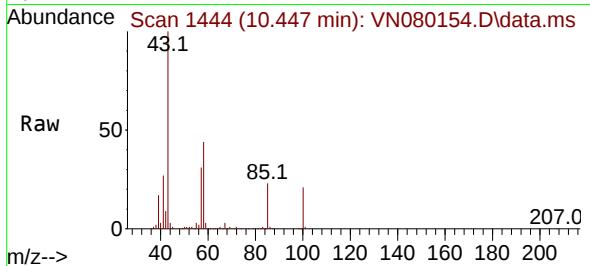
#51
4-Methyl-2-Pentanone
Concen: 101.839 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN1117MBS01

Tgt Ion: 43 Resp: 30310
Ion Ratio Lower Upper
43 100
58 44.6 36.6 54.8

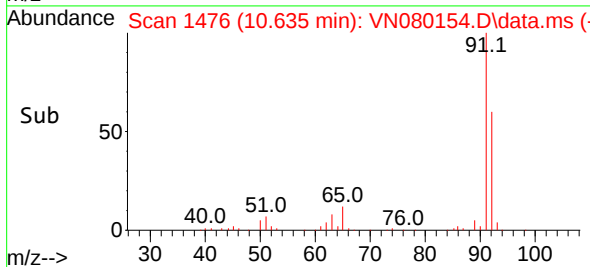
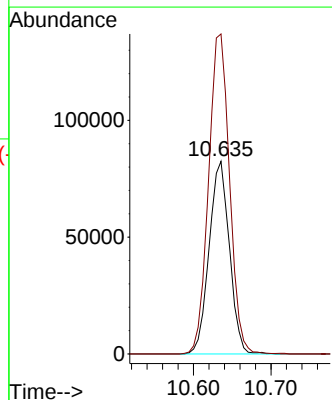
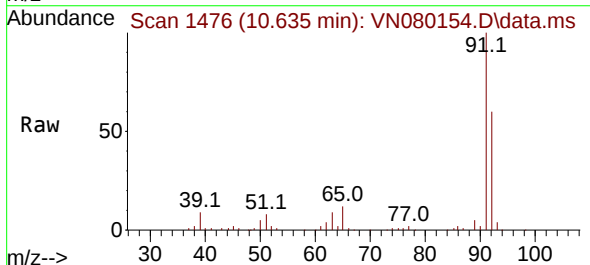
Manual Integrations
APPROVED

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



#52
Toluene
Concen: 19.838 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

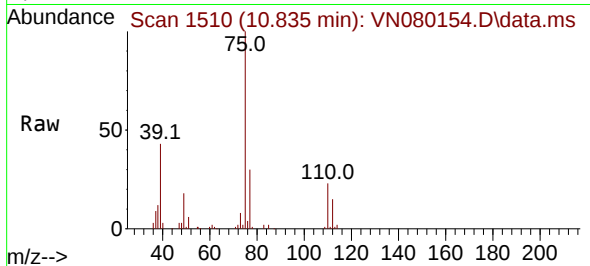
Tgt Ion: 92 Resp: 150283
Ion Ratio Lower Upper
92 100
91 171.7 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 18.976 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN080154.D
 Acq: 17 Nov 2023 11:42

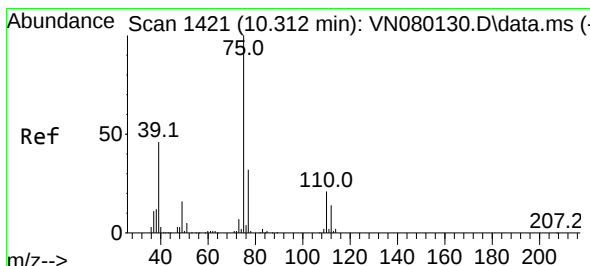
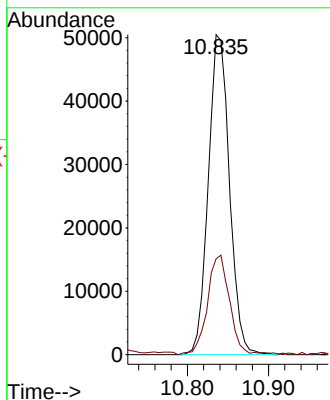
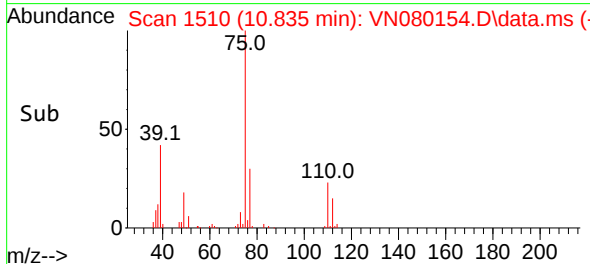
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117MBS01



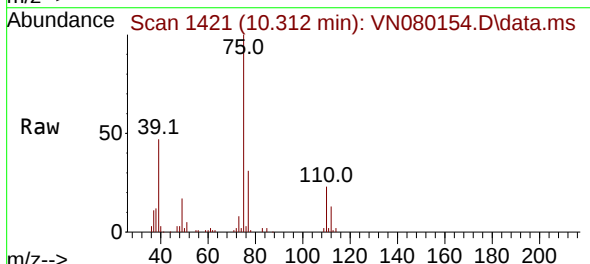
Tgt Ion: 75 Resp: 9132
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.4 38.0

Manual Integrations
 APPROVED

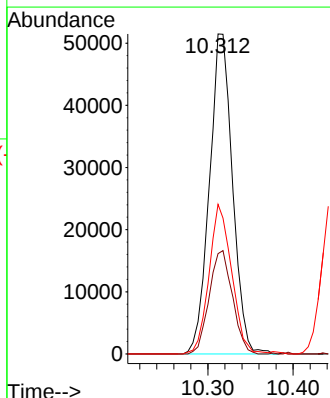
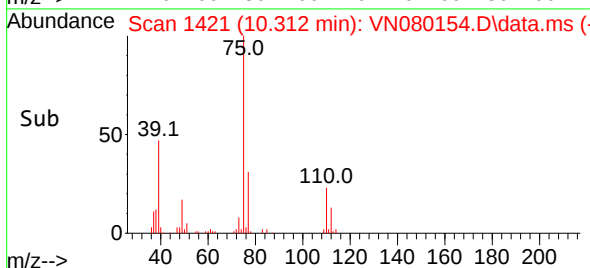
Reviewed By :John Carlone 11/18/2023
 Supervised By :Mahesh Dadoda 11/20/2023

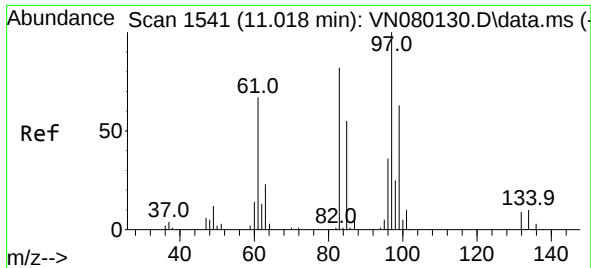


#54
 cis-1,3-Dichloropropene
 Concen: 19.743 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN080154.D
 Acq: 17 Nov 2023 11:42



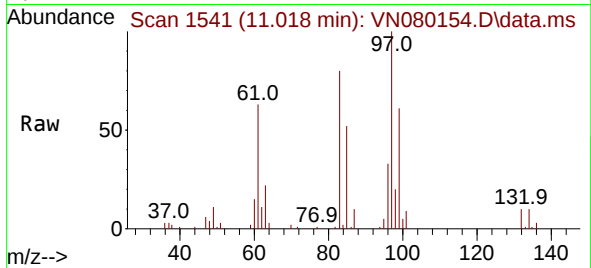
Tgt Ion: 75 Resp: 97069
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.1 39.1
 39 46.7 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 20.042 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

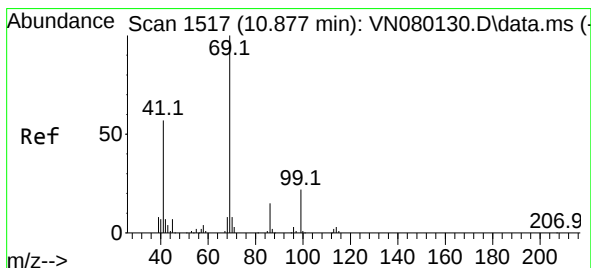
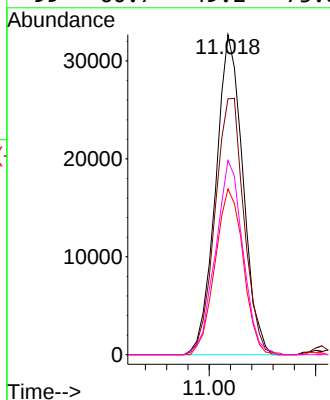
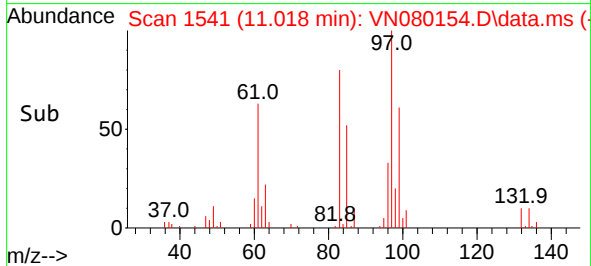
Instrument :
MSVOA_N
ClientSampleId :
VN1117MBS01



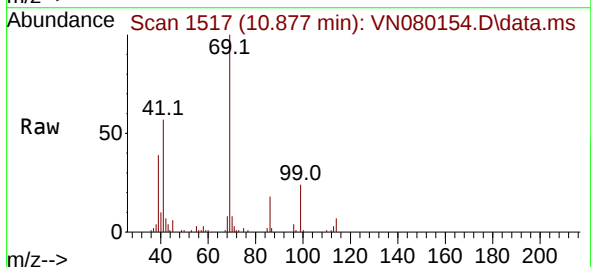
Tgt Ion	Ratio	Lower	Upper
97	100		
83	80.0	65.1	97.7
85	51.8	43.4	65.2
99	60.7	49.2	73.8

Manual Integrations
APPROVED

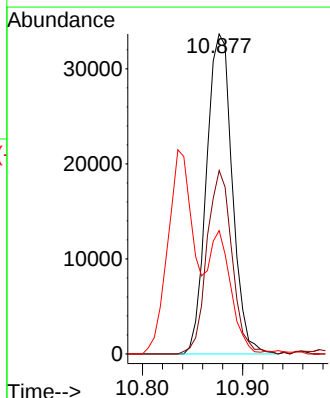
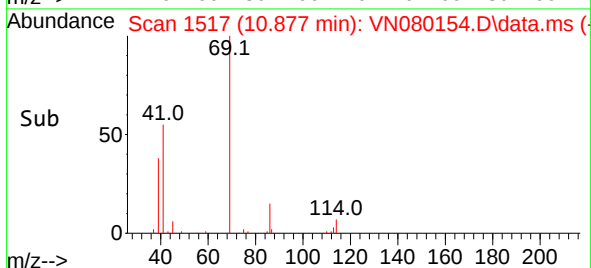
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

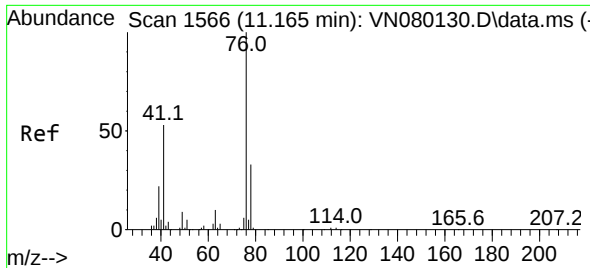


#56
Ethyl methacrylate
Concen: 20.350 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42



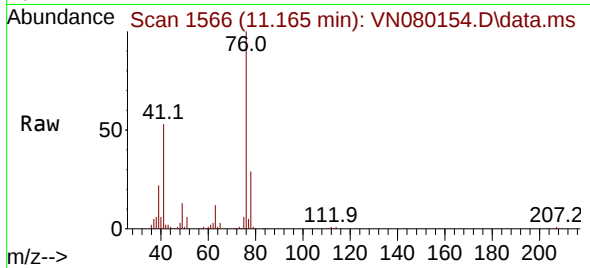
Tgt Ion	Ratio	Lower	Upper
69	100		
41	56.1	39.6	59.4
39	33.1	28.6	43.0





#57
1,3-Dichloropropane
Concen: 19.824 ug/l
RT: 11.165 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

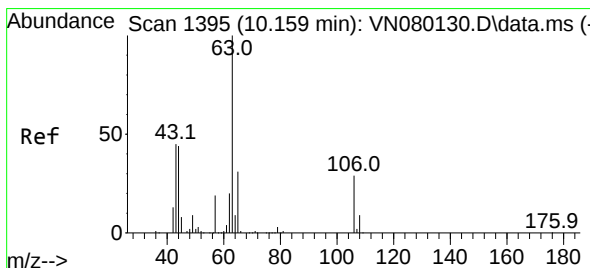
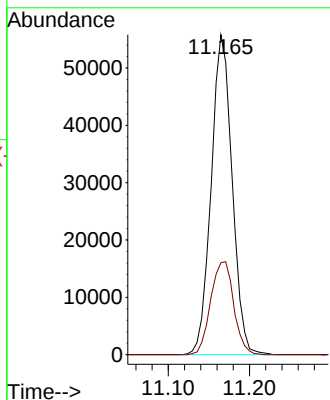
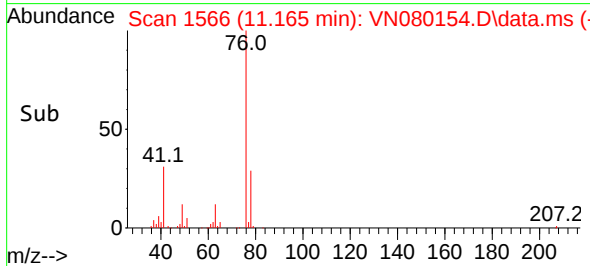
Instrument :
MSVOA_N
ClientSampleId :
VN1117MBS01



Tgt Ion: 76 Resp: 100079
Ion Ratio Lower Upper
76 100
78 31.9 26.1 39.1

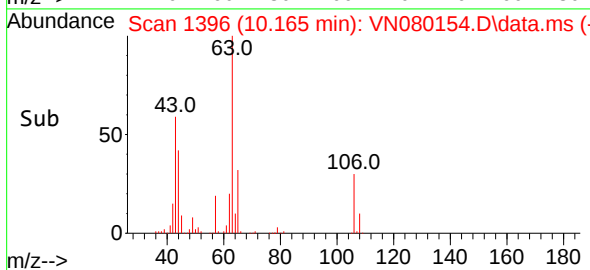
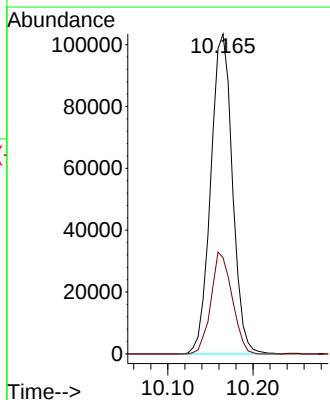
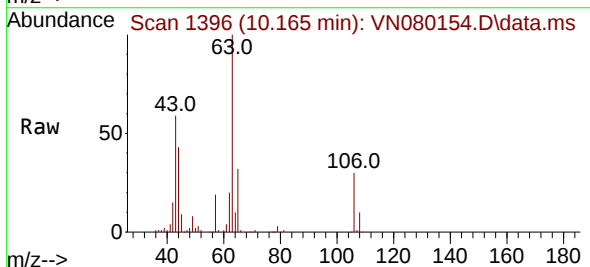
Manual Integrations
APPROVED

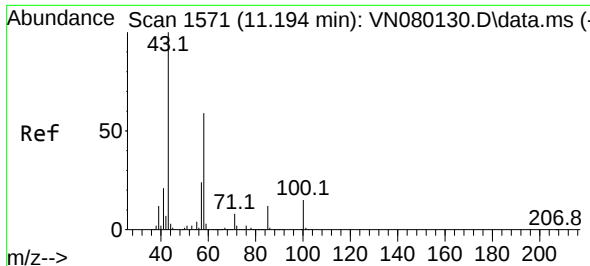
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#58
2-Chloroethyl Vinyl ether
Concen: 109.835 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

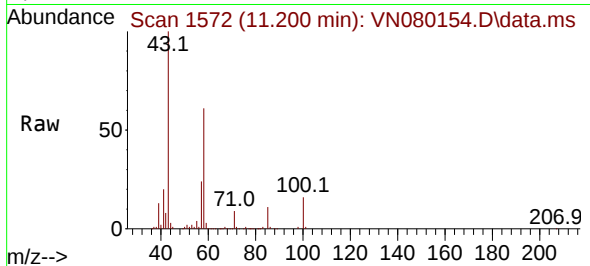
Tgt Ion: 63 Resp: 182770
Ion Ratio Lower Upper
63 100
106 31.0 26.2 39.4





#59
2-Hexanone
Concen: 95.519 ug/l
RT: 11.200 min Scan# 1117
Delta R.T. 0.006 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

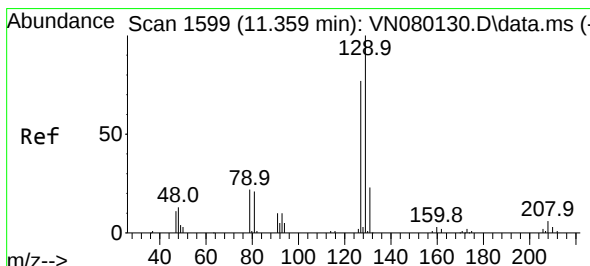
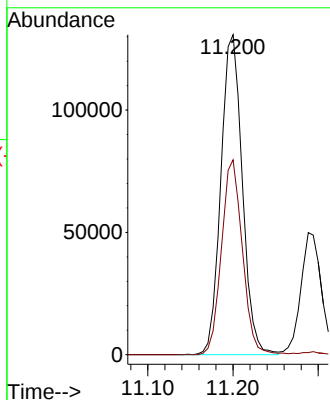
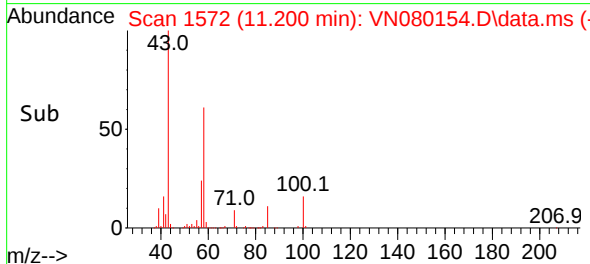
Instrument :
MSVOA_N
ClientSampleId :
VN1117MBS01



Tgt Ion: 43 Resp: 228449
Ion Ratio Lower Upper
43 100
58 59.5 31.7 95.1

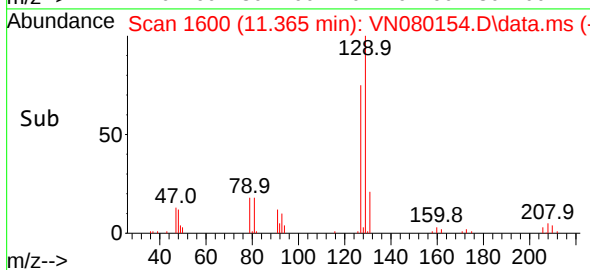
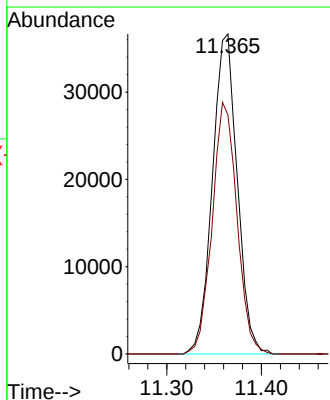
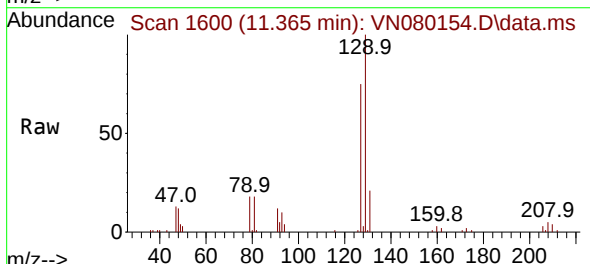
Manual Integrations
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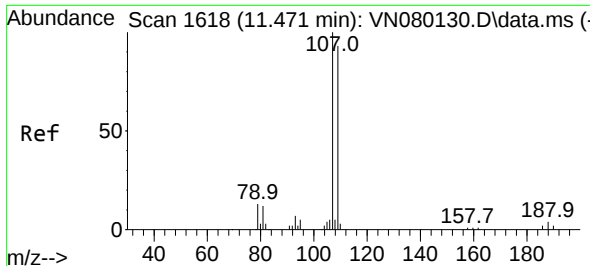
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#60
Dibromochloromethane
Concen: 19.308 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

Tgt Ion:129 Resp: 66836
Ion Ratio Lower Upper
129 100
127 78.4 38.6 116.0





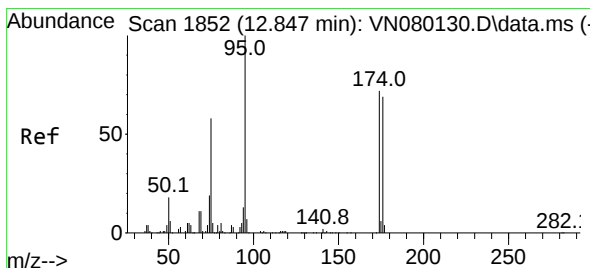
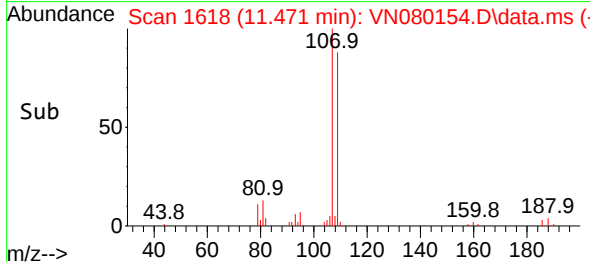
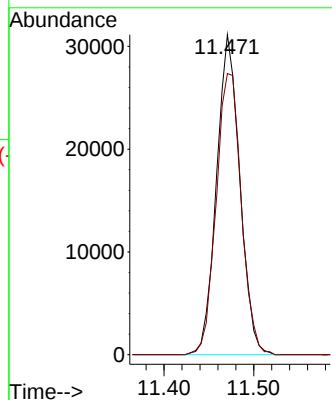
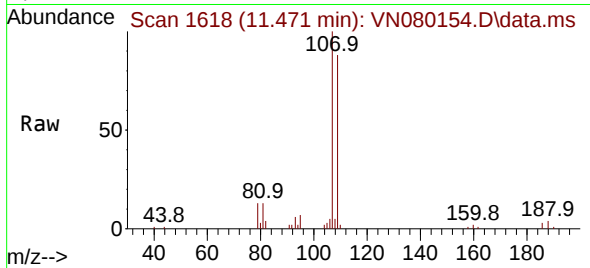
#61
1,2-Dibromoethane
Concen: 18.970 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN1117MBS01

Tgt Ion:107 Resp: 55954
Ion Ratio Lower Upper
107 100
109 95.1 76.6 114.8

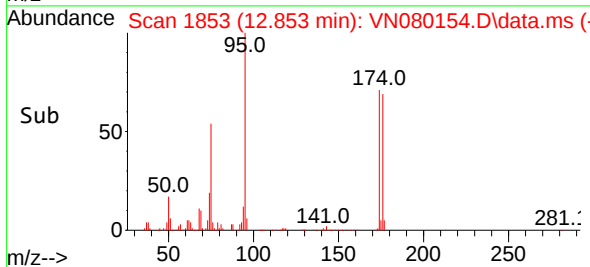
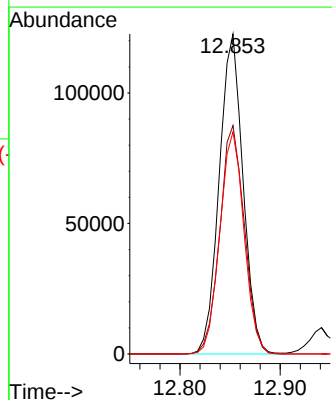
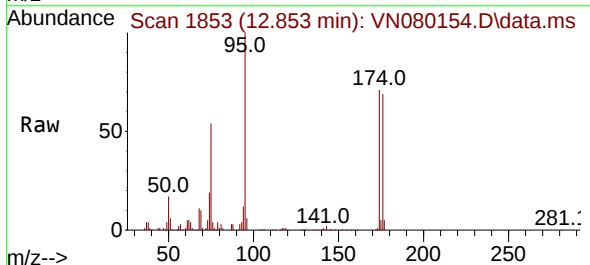
Manual Integrations
APPROVED

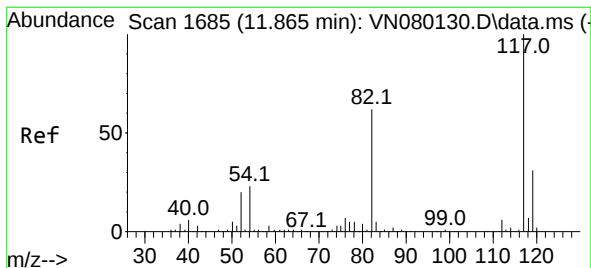
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#62
4-Bromofluorobenzene
Concen: 50.407 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

Tgt Ion: 95 Resp: 201904
Ion Ratio Lower Upper
95 100
174 73.5 0.0 143.8
176 70.5 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080154.D

Acq: 17 Nov 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN1117MBS01

Tgt Ion:117 Resp: 36440

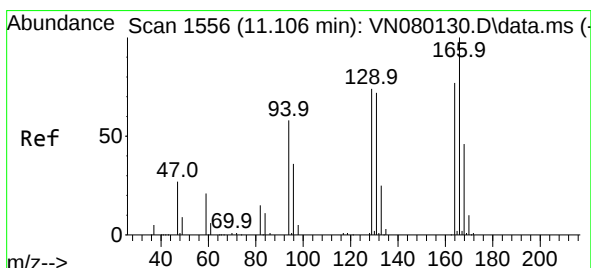
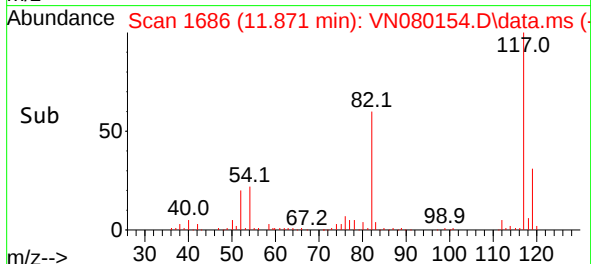
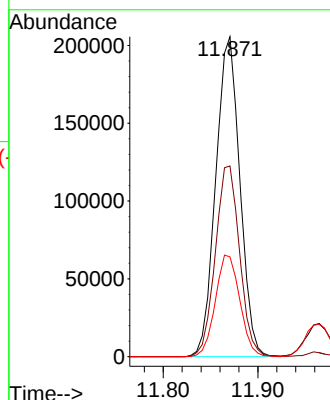
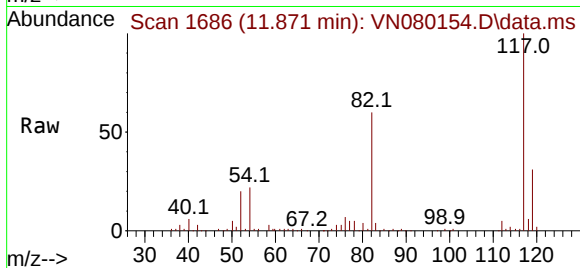
Ion	Ratio	Lower	Upper
117	100		
82	59.6	44.0	66.0
119	31.2	25.6	38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#64

Tetrachloroethene

Concen: 21.986 ug/l

RT: 11.106 min Scan# 1556

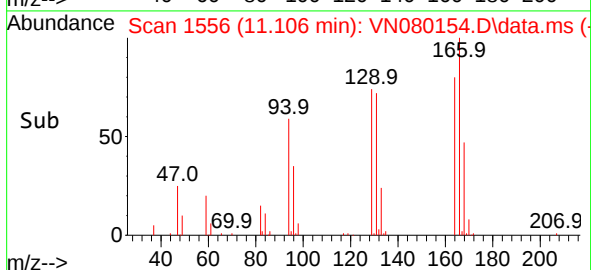
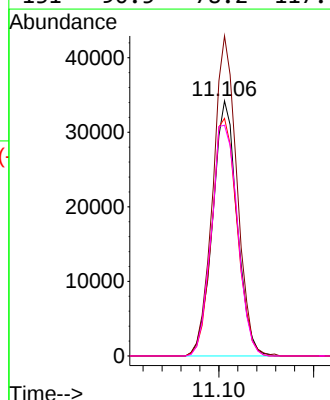
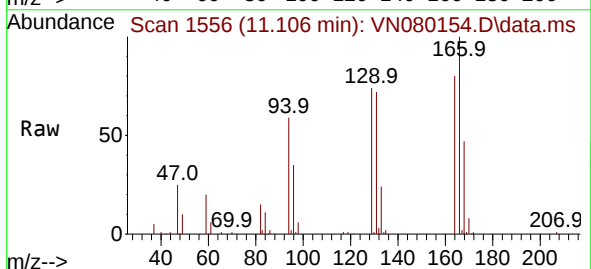
Delta R.T. -0.000 min

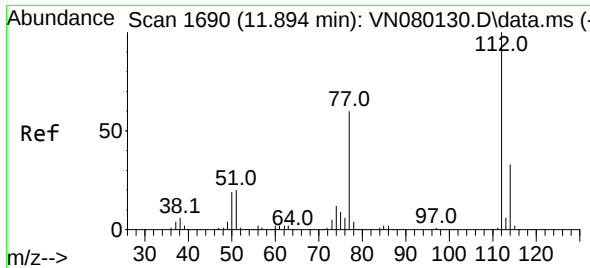
Lab File: VN080154.D

Acq: 17 Nov 2023 11:42

Tgt Ion:164 Resp: 61144

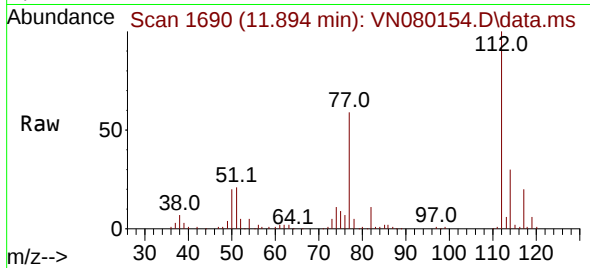
Ion	Ratio	Lower	Upper
164	100		
166	125.5	101.4	152.0
129	93.2	82.4	123.6
131	90.5	78.2	117.4





#65
Chlorobenzene
Concen: 18.718 ug/l
RT: 11.894 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

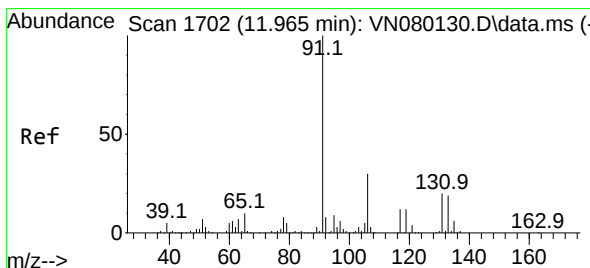
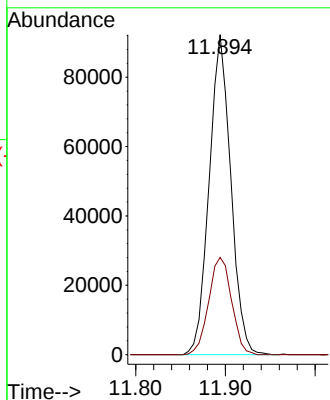
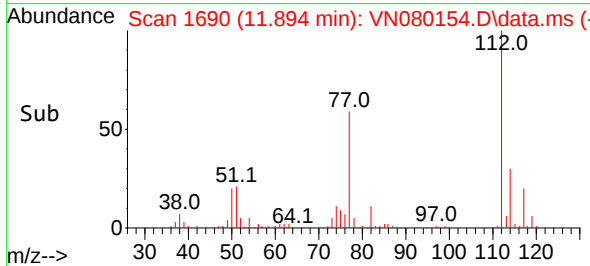
Instrument :
MSVOA_N
ClientSampleId :
VN1117MBS01



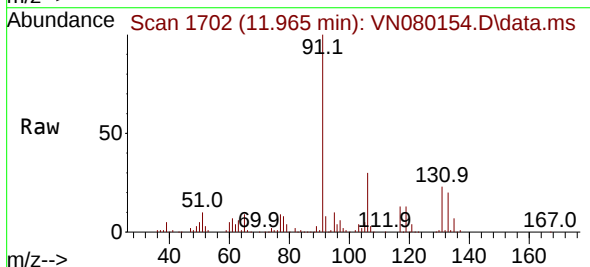
Tgt Ion:112 Resp: 15455
Ion Ratio Lower Upper
112 100
114 30.4 25.0 37.4

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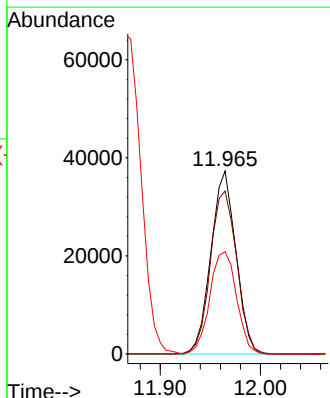
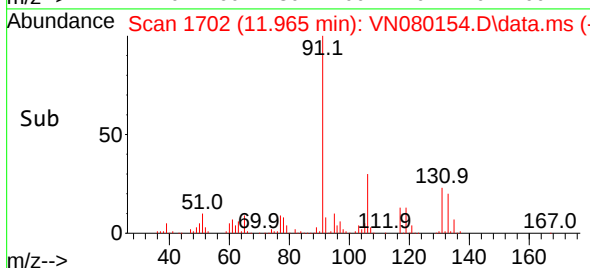
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

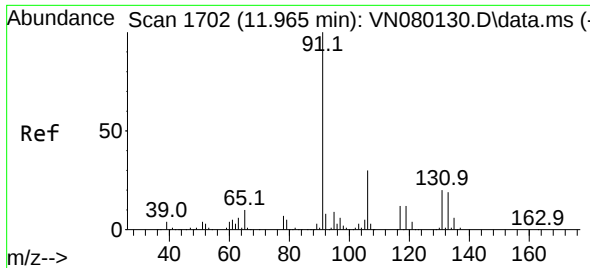


#66
1,1,1,2-Tetrachloroethane
Concen: 20.160 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42



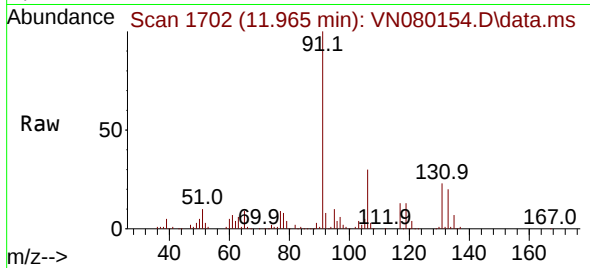
Tgt Ion:131 Resp: 64599
Ion Ratio Lower Upper
131 100
133 94.0 46.4 139.1
119 59.6 34.1 102.2





#67
Ethyl Benzene
Concen: 18.822 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

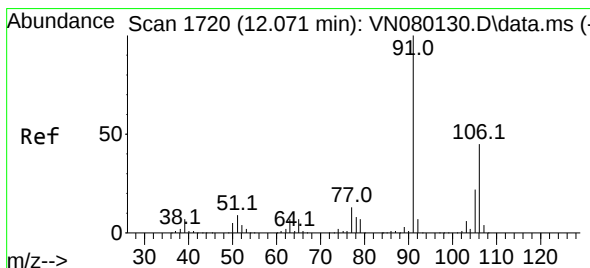
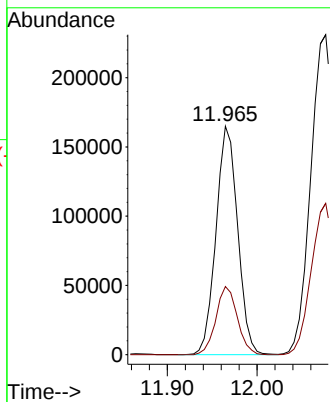
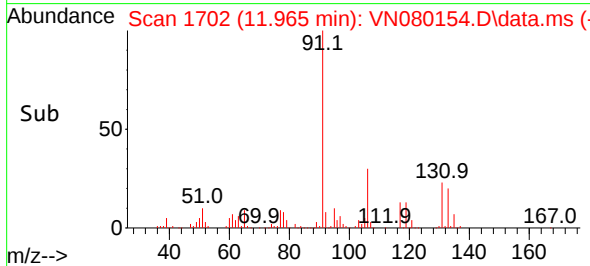
Instrument :
MSVOA_N
ClientSampleId :
VN1117MBS01



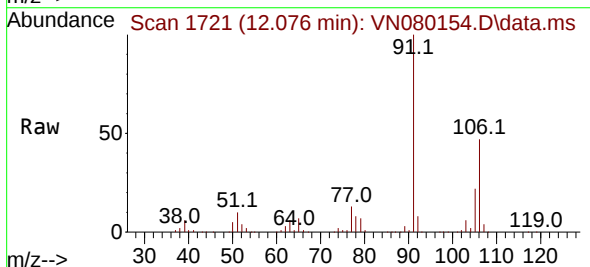
Tgt Ion: 91 Resp: 27654
Ion Ratio Lower Upper
91 100
106 29.9 25.6 38.4

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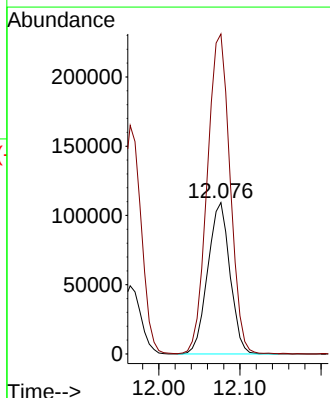
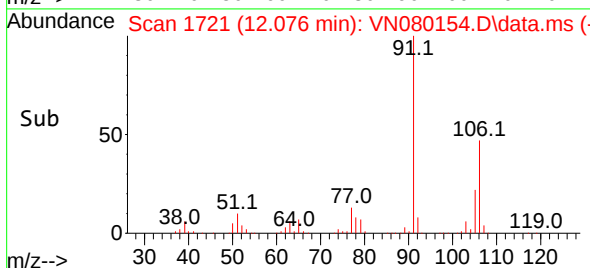
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

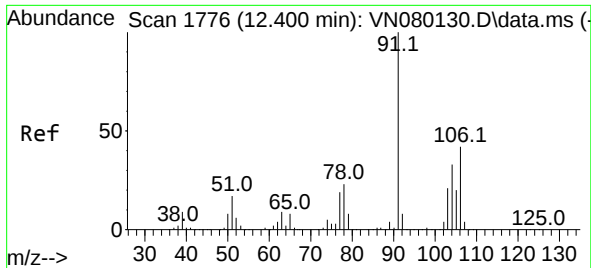


#68
m/p-Xylenes
Concen: 38.738 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42



Tgt Ion:106 Resp: 207528
Ion Ratio Lower Upper
106 100
91 216.7 159.6 239.4





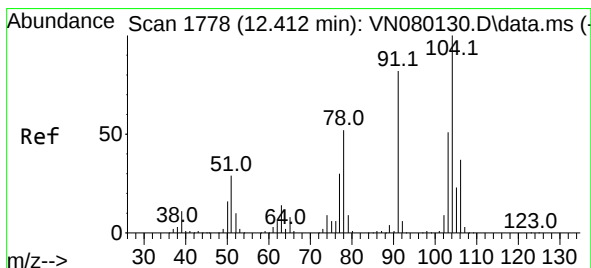
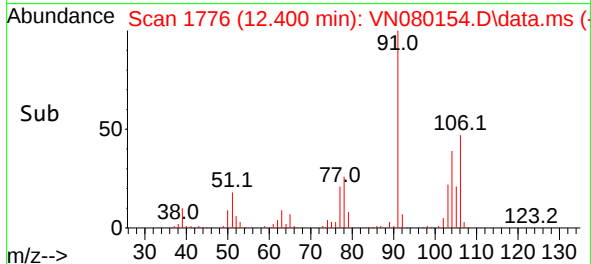
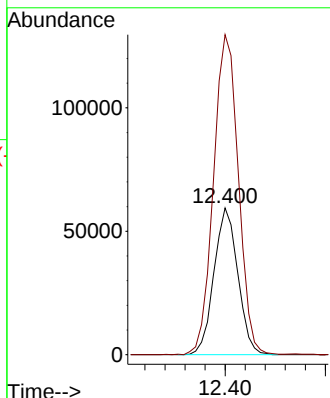
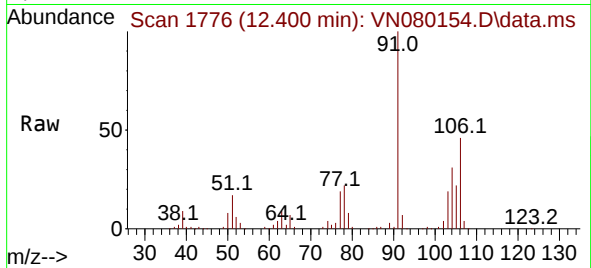
#69
o-Xylene
Concen: 19.405 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN1117MBS01

Tgt Ion:106 Resp: 97969
Ion Ratio Lower Upper
106 100
91 227.7 105.2 315.5

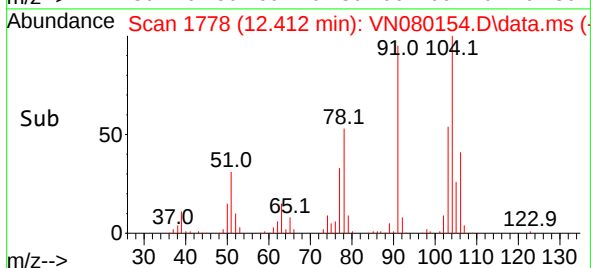
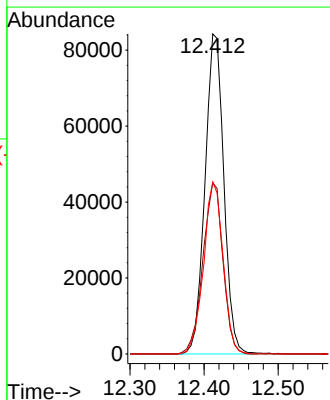
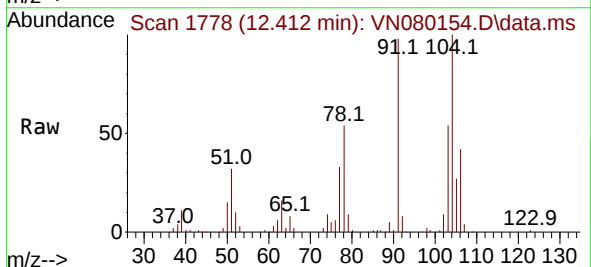
Manual Integrations
APPROVED

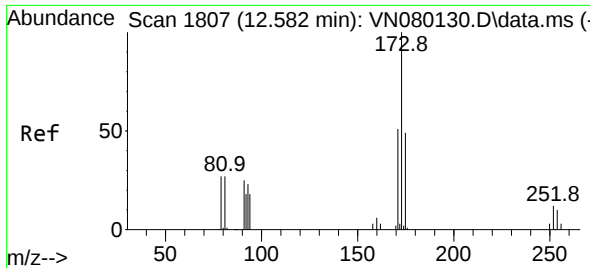
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#70
Styrene
Concen: 19.798 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

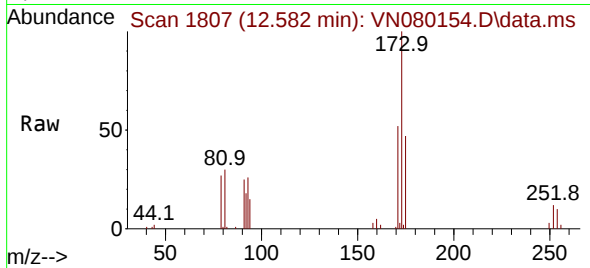
Tgt Ion:104 Resp: 148774
Ion Ratio Lower Upper
104 100
78 56.8 39.5 59.3
103 55.7 43.2 64.8





#71
Bromoform
Concen: 19.397 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

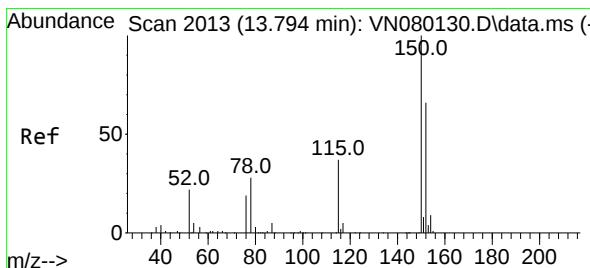
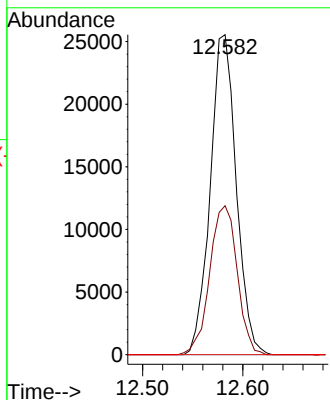
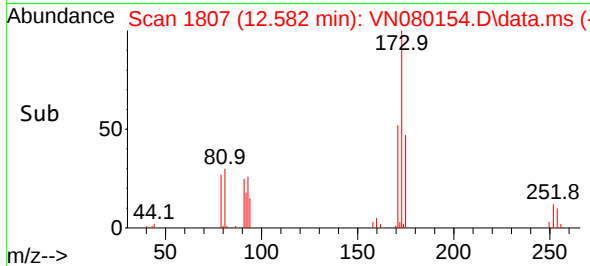
Instrument :
MSVOA_N
ClientSampleId :
VN1117MBS01



Tgt Ion:173 Resp: 4609
Ion Ratio Lower Upper
173 100
175 49.1 24.3 73.0
254 0.0 0.0 0.0

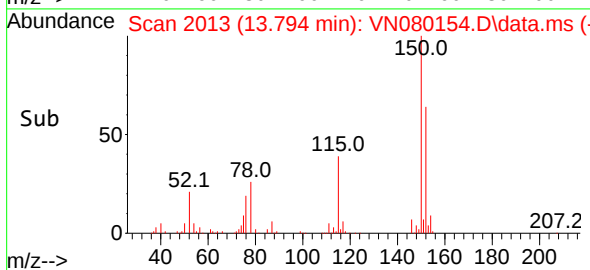
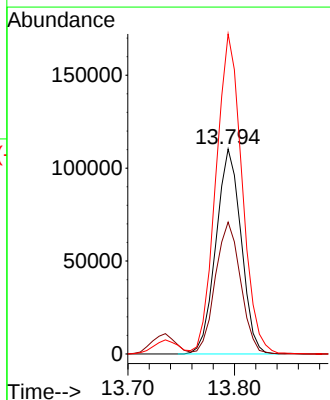
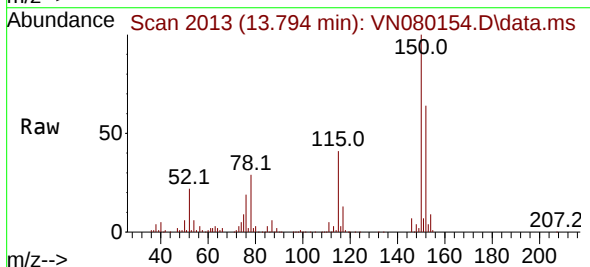
Manual Integrations
APPROVED

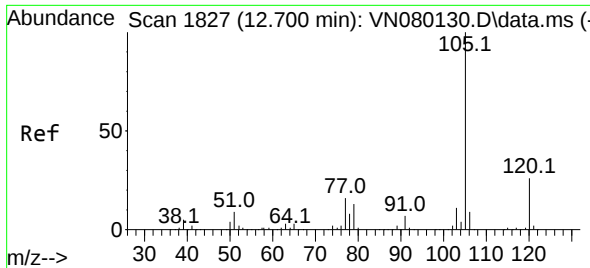
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

Tgt Ion:152 Resp: 180781
Ion Ratio Lower Upper
152 100
115 64.7 32.3 96.8
150 162.3 0.0 355.8





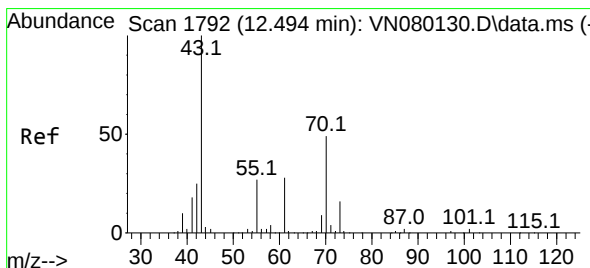
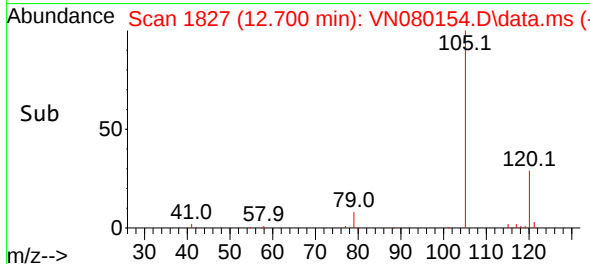
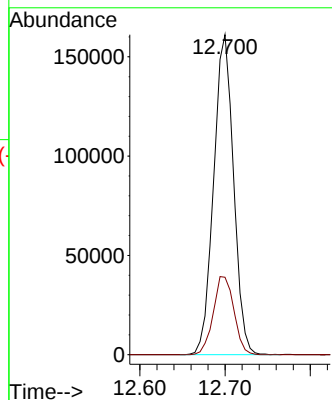
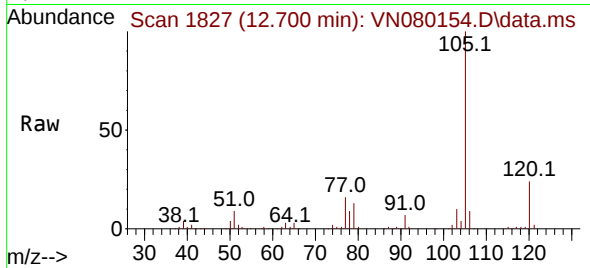
#73
Isopropylbenzene
Concen: 18.598 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN1117MBS01

Tgt Ion:105 Resp: 26127
Ion Ratio Lower Upper
105 100
120 25.3 13.1 39.1

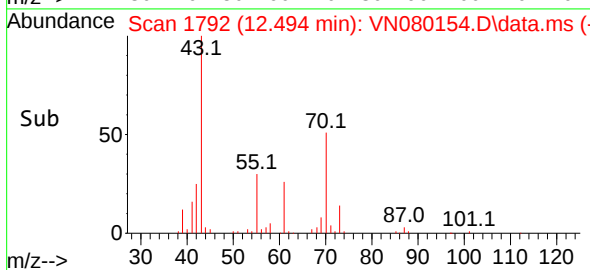
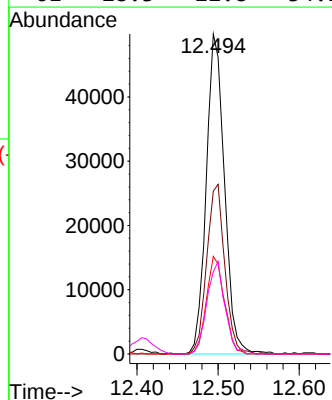
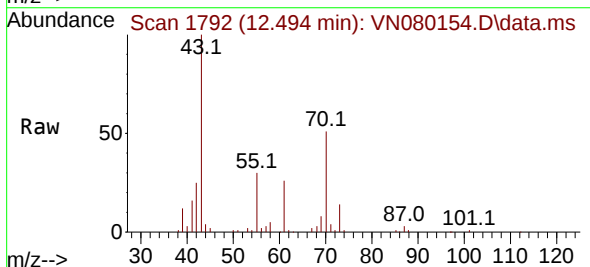
Manual Integrations
APPROVED

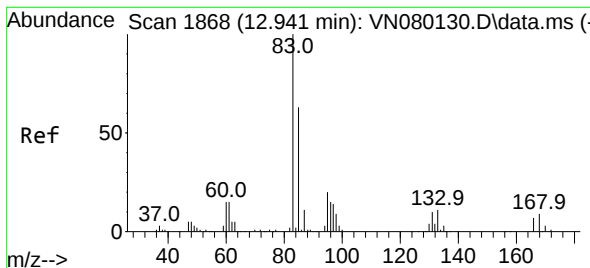
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#74
N-ethyl acetate
Concen: 17.714 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

Tgt Ion: 43 Resp: 77601
Ion Ratio Lower Upper
43 100
70 52.5 43.4 65.2
55 30.1 21.4 32.0
61 28.3 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.305 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN080154.D

Acq: 17 Nov 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN1117MBS01

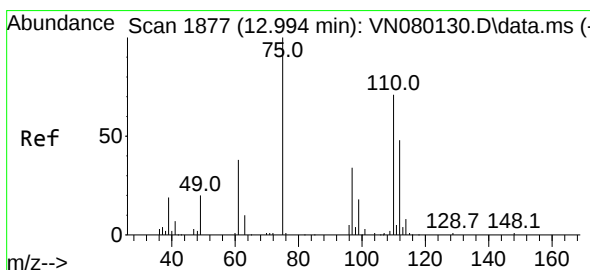
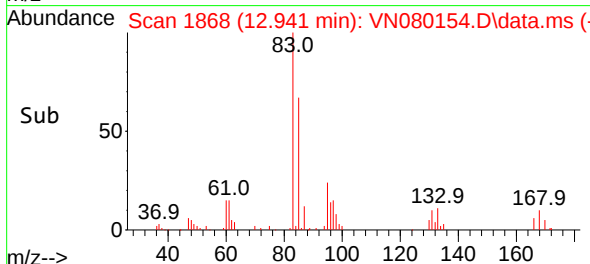
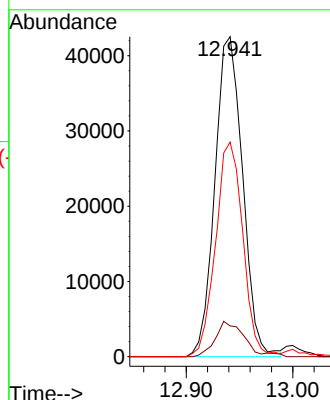
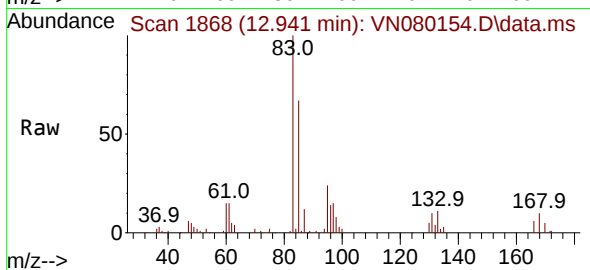
Tgt Ion:	83	Resp:	7696
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.0	15.0
85	65.8	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#76

1,2,3-Trichloropropane

Concen: 19.588 ug/l m

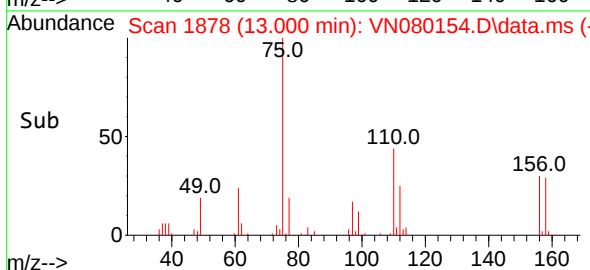
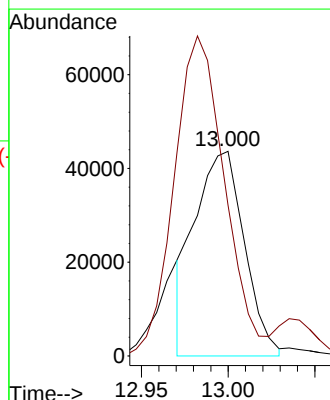
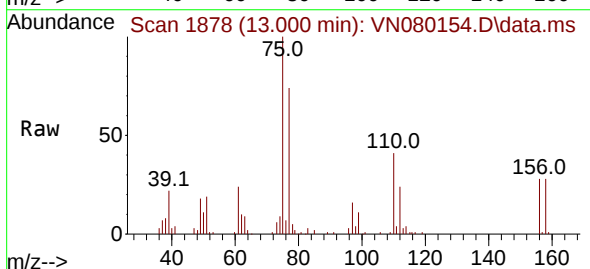
RT: 13.000 min Scan# 1878

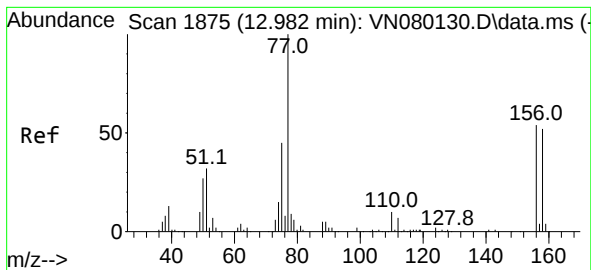
Delta R.T. 0.006 min

Lab File: VN080154.D

Acq: 17 Nov 2023 11:42

Tgt Ion:	75	Resp:	86764
Ion Ratio	Lower	Upper	
75	100		
77	159.8	84.5	253.5





#77

Bromobenzene

Concen: 18.412 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN080154.D

Acq: 17 Nov 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN1117MBS01

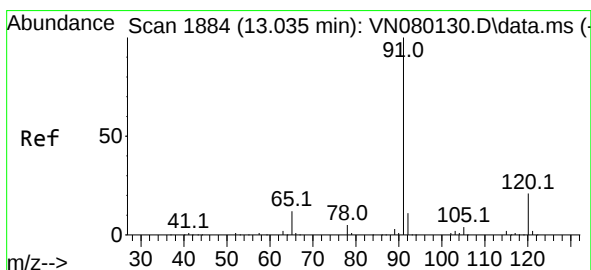
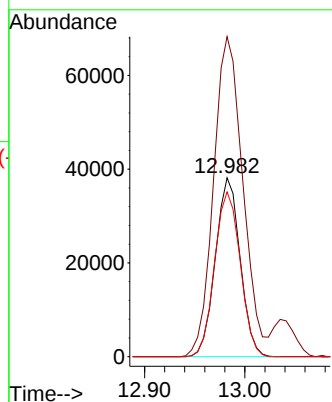
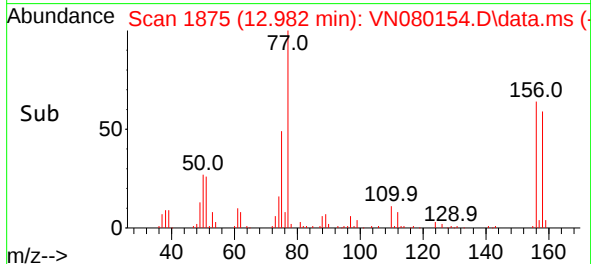
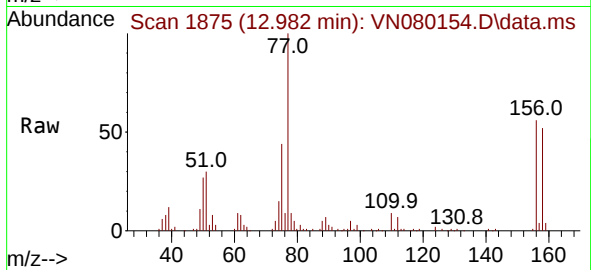
Tgt Ion:	156	Resp:	6521
Ion Ratio	Lower	Upper	
156	100		
77	212.6	107.7	323.3
158	95.7	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#78

n-propylbenzene

Concen: 18.603 ug/l

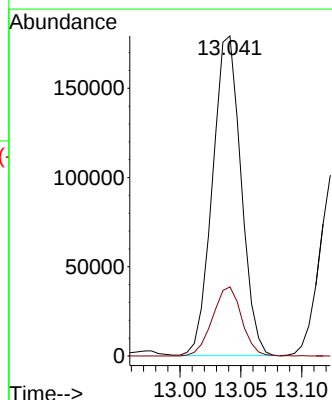
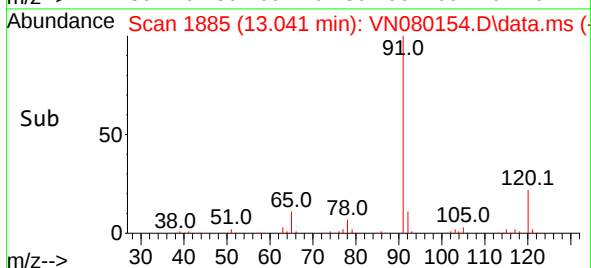
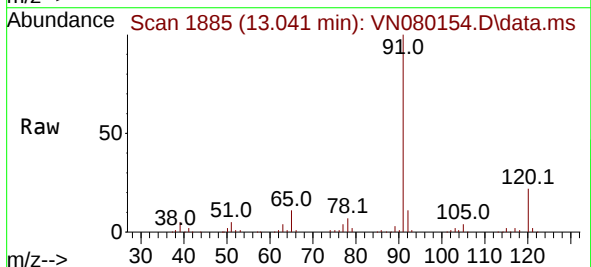
RT: 13.041 min Scan# 1885

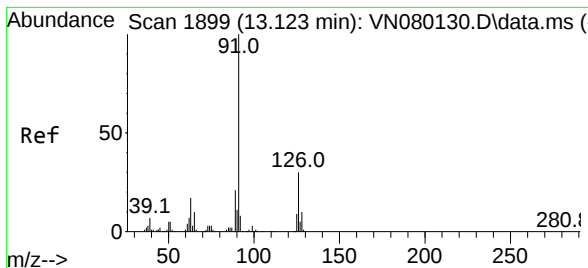
Delta R.T. 0.006 min

Lab File: VN080154.D

Acq: 17 Nov 2023 11:42

Tgt Ion:	91	Resp:	292228
Ion Ratio	Lower	Upper	
91	100		
120	22.1	11.5	34.4





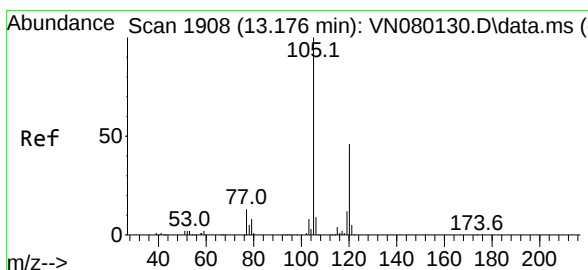
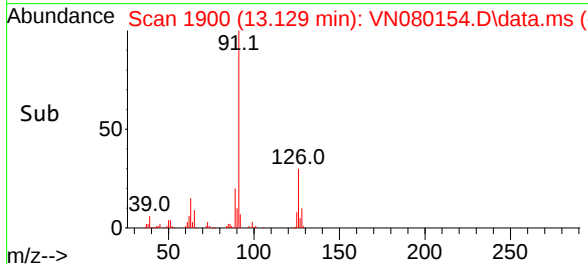
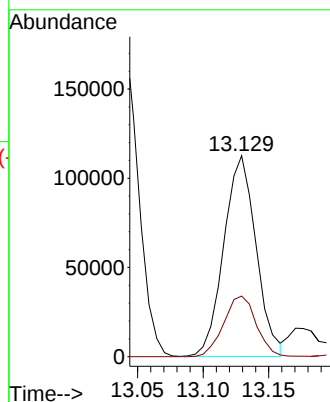
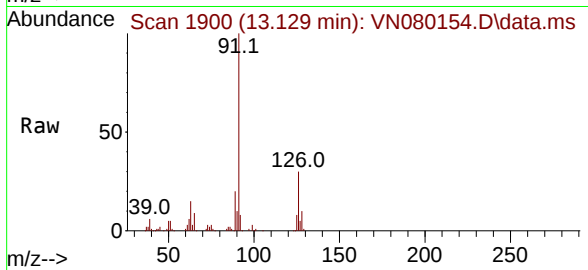
#79
2-Chlorotoluene
Concen: 18.889 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN1117MBS01

Tgt Ion: 91 Resp: 192725
Ion Ratio Lower Upper
91 100
126 30.6 16.3 48.8

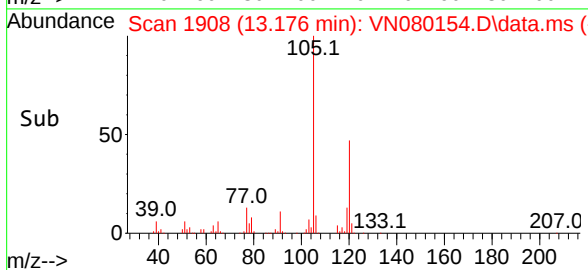
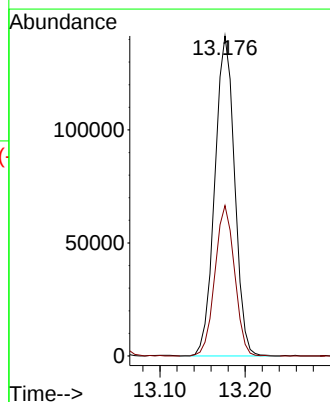
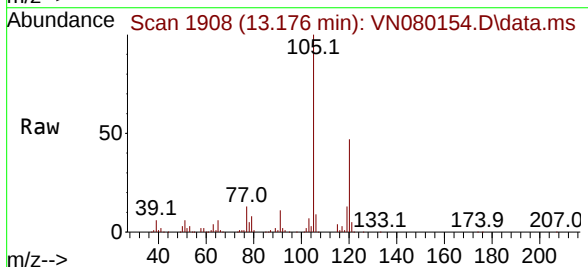
Manual Integrations
APPROVED

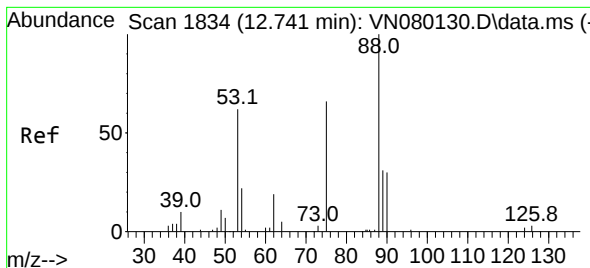
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 18.677 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

Tgt Ion:105 Resp: 228397
Ion Ratio Lower Upper
105 100
120 46.6 24.1 72.3





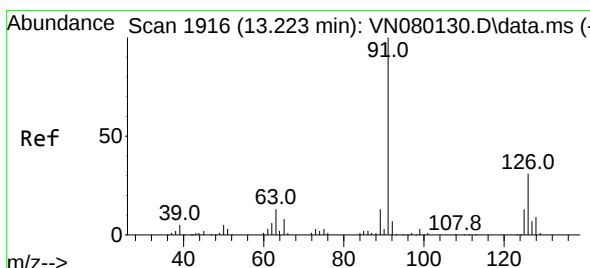
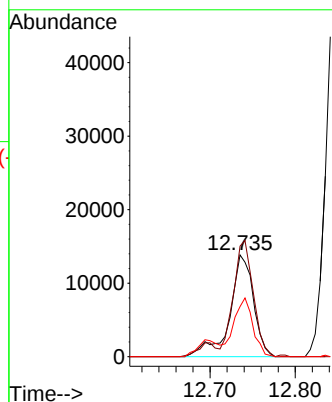
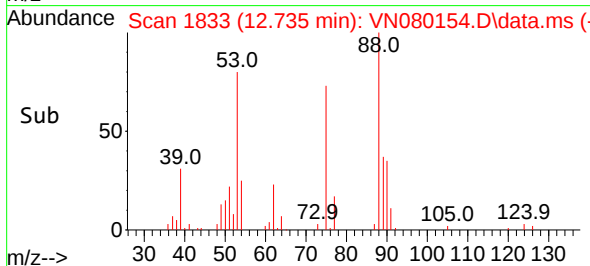
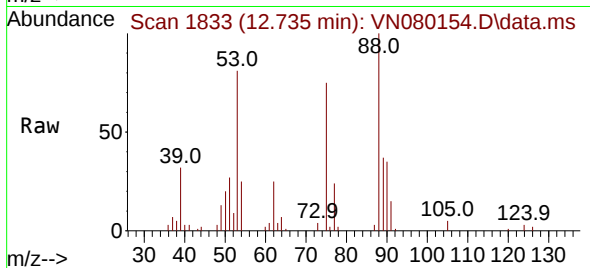
#81
trans-1,4-Dichloro-2-butene
Concen: 20.533 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN1117MBS01

Tgt Ion: 75 Resp: 26919
Ion Ratio Lower Upper
75 100
53 95.9 67.4 101.2
89 46.9 38.8 58.2

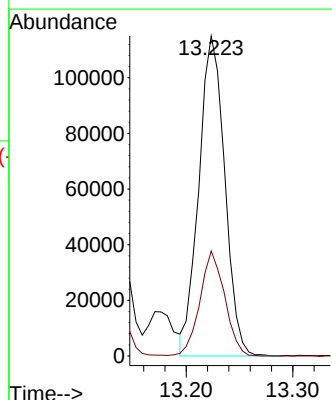
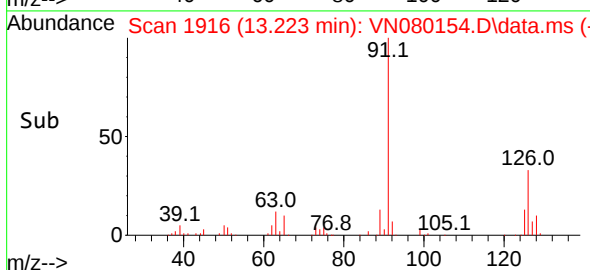
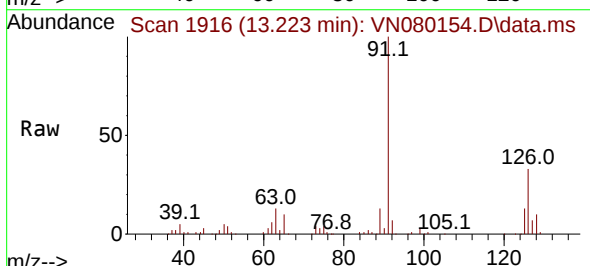
Manual Integrations
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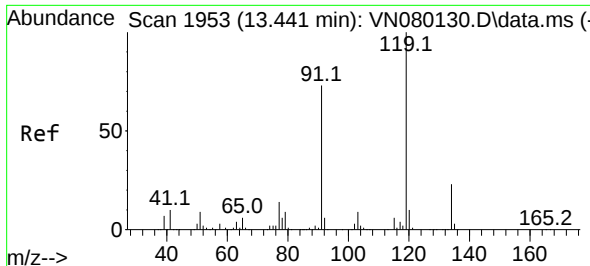
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#82
4-Chlorotoluene
Concen: 18.625 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

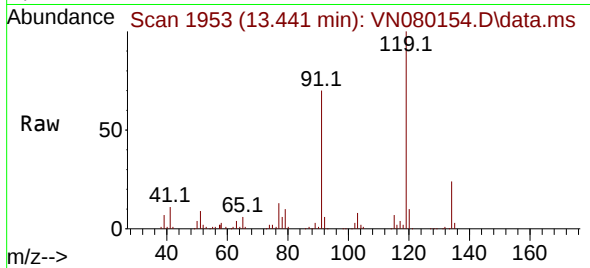
Tgt Ion: 91 Resp: 194678
Ion Ratio Lower Upper
91 100
126 31.4 16.7 50.0





#83
tert-Butylbenzene
Concen: 17.909 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

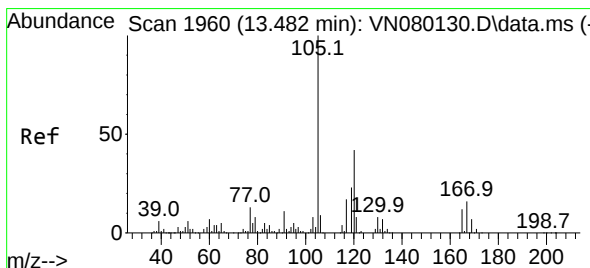
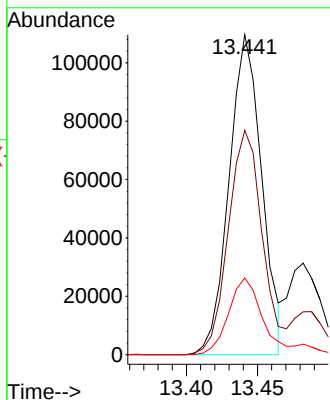
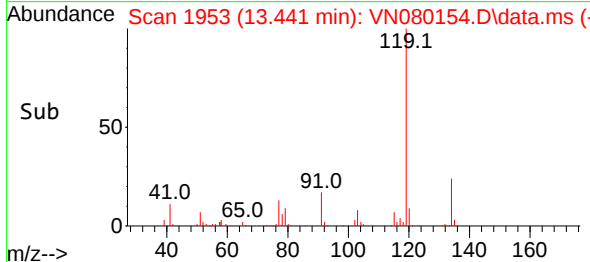
Instrument :
MSVOA_N
ClientSampleId :
VN1117MBS01



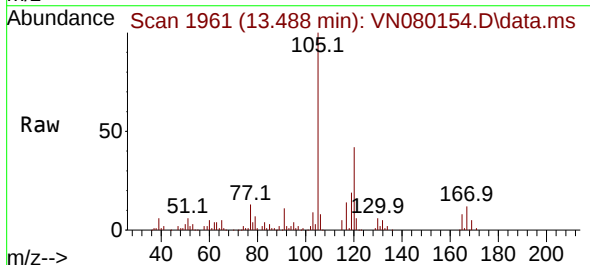
Tgt Ion:119 Resp: 175620
Ion Ratio Lower Upper
119 100
91 73.5 33.9 101.7
134 26.6 13.2 39.6

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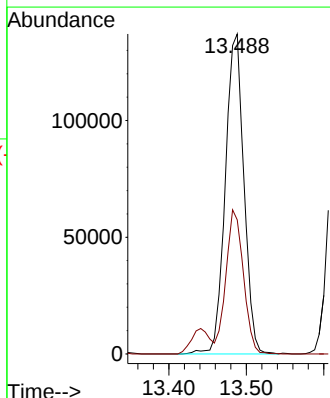
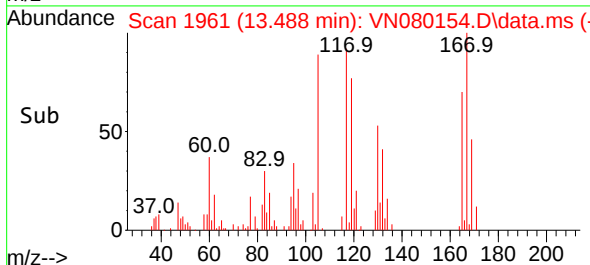
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

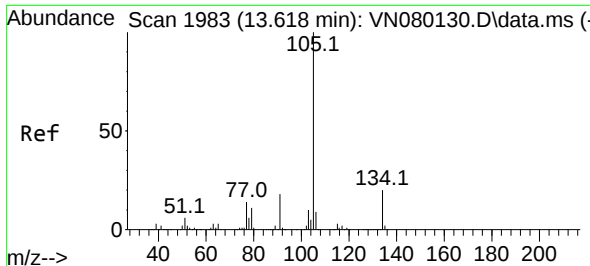


#84
1,2,4-Trimethylbenzene
Concen: 18.976 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42



Tgt Ion:105 Resp: 228496
Ion Ratio Lower Upper
105 100
120 42.3 22.0 66.0





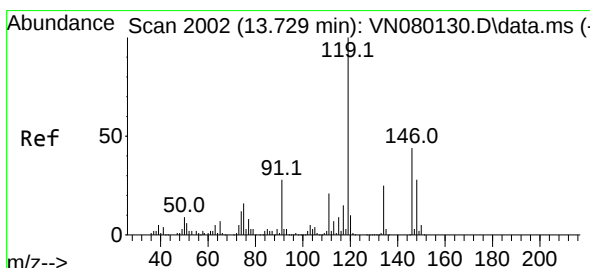
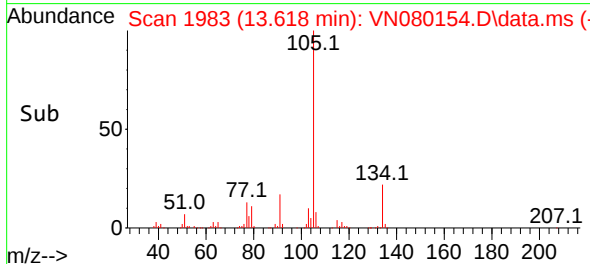
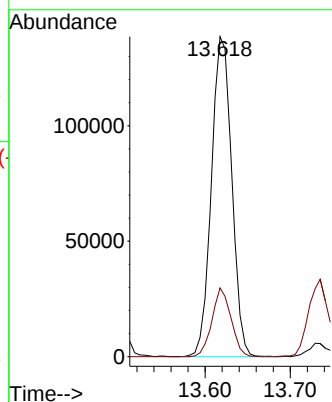
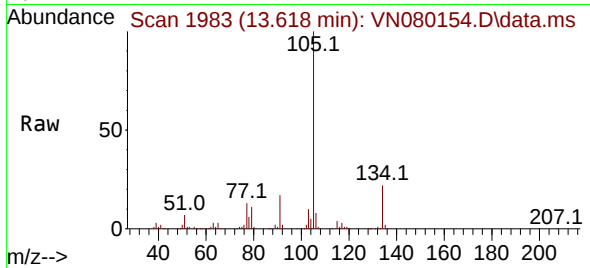
#85
 sec-Butylbenzene
 Concen: 18.523 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080154.D
 Acq: 17 Nov 2023 11:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117MBS01

Tgt Ion:105 Resp: 229788
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.3

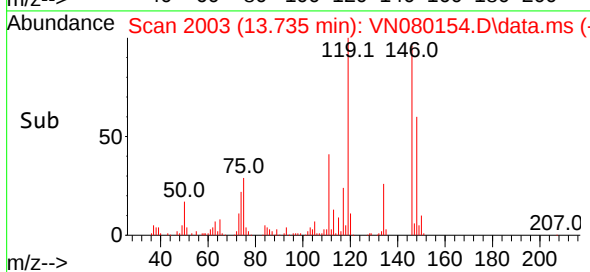
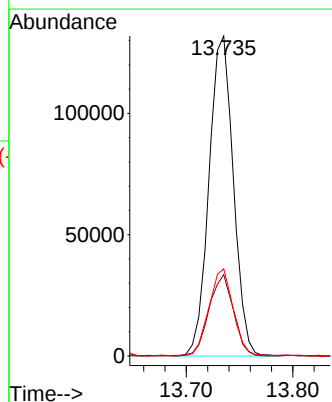
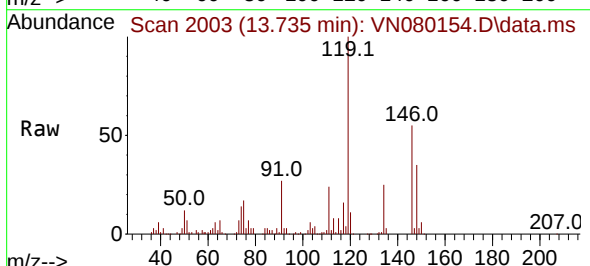
Manual Integrations
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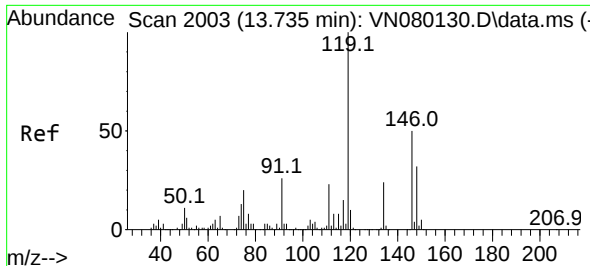
Reviewed By :John Carlone 11/18/2023
 Supervised By :Mahesh Dadoda 11/20/2023



#86
 p-Isopropyltoluene
 Concen: 18.909 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080154.D
 Acq: 17 Nov 2023 11:42

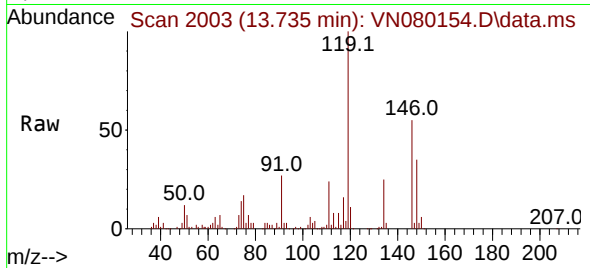
Tgt Ion:119 Resp: 209551
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 27.3 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 18.211 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

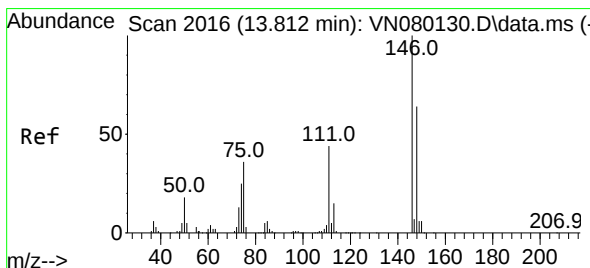
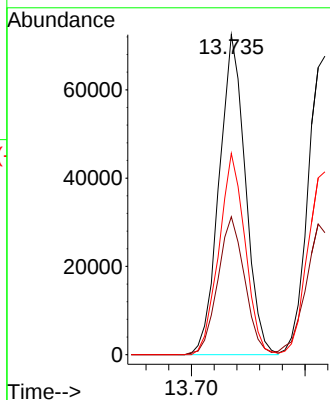
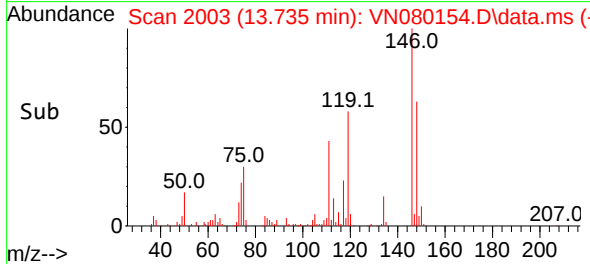
Instrument :
MSVOA_N
ClientSampleId :
VN1117MBS01



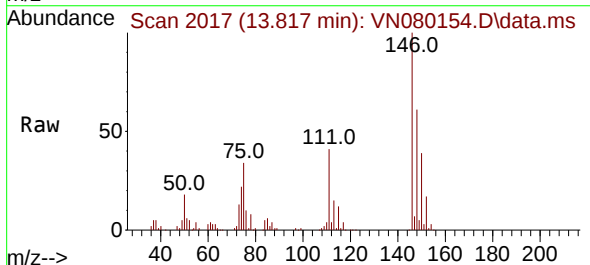
Tgt Ion:146 Resp: 116209
Ion Ratio Lower Upper
146 100
111 44.2 22.1 66.3
148 62.7 32.0 96.0

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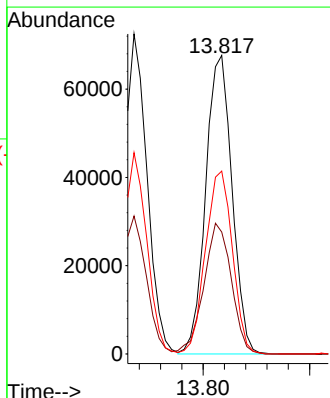
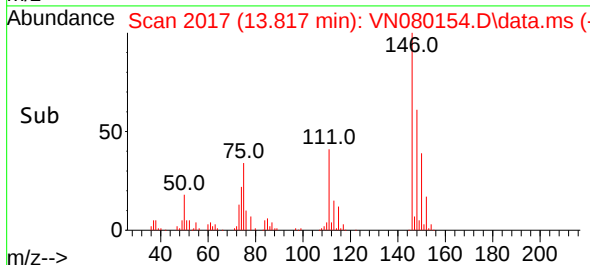
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

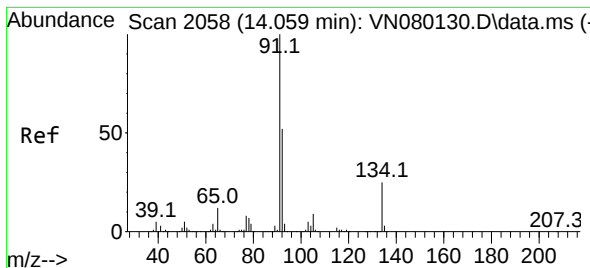


#88
1,4-Dichlorobenzene
Concen: 18.139 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42



Tgt Ion:146 Resp: 116324
Ion Ratio Lower Upper
146 100
111 45.8 20.6 61.8
148 62.7 31.6 94.8





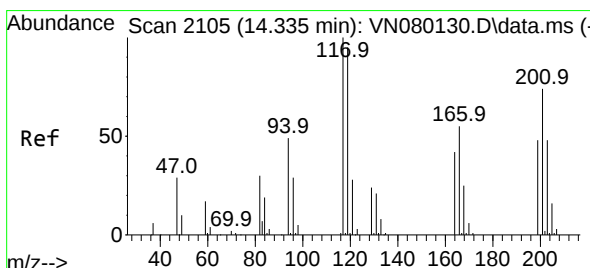
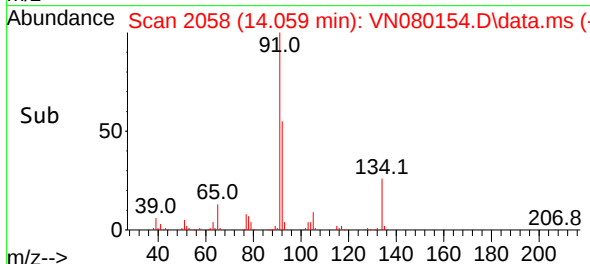
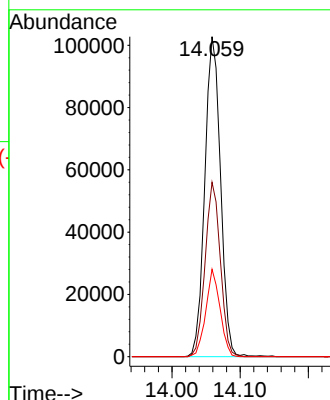
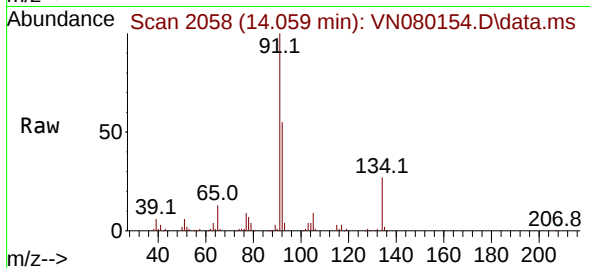
#89
n-Butylbenzene
Concen: 17.778 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN1117MBS01

Tgt Ion: 91 Resp: 16489
Ion Ratio Lower Upper
91 100
92 52.7 26.4 79.0
134 24.7 12.6 37.6

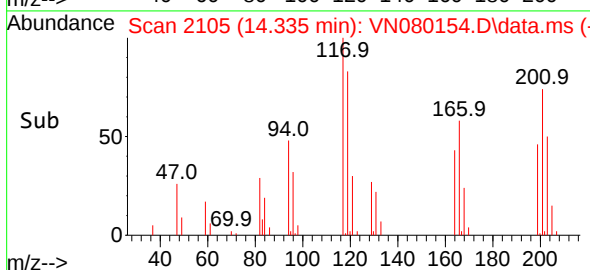
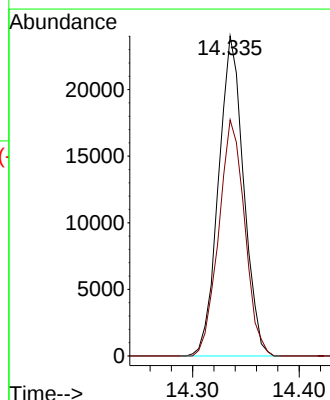
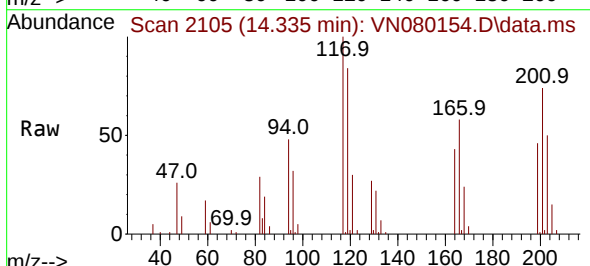
Manual Integrations
APPROVED

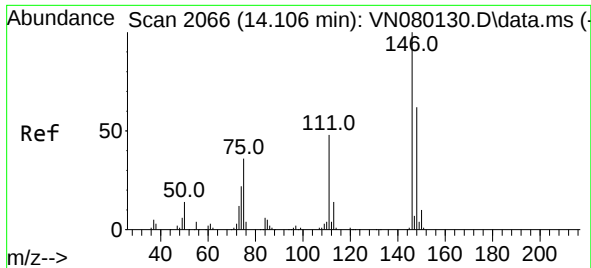
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#90
Hexachloroethane
Concen: 18.190 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

Tgt Ion:117 Resp: 39299
Ion Ratio Lower Upper
117 100
201 76.3 29.3 88.0





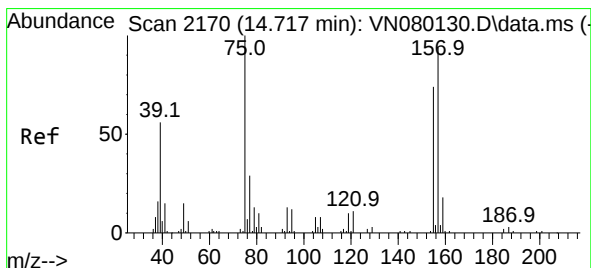
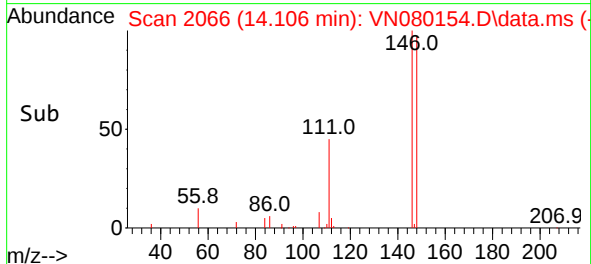
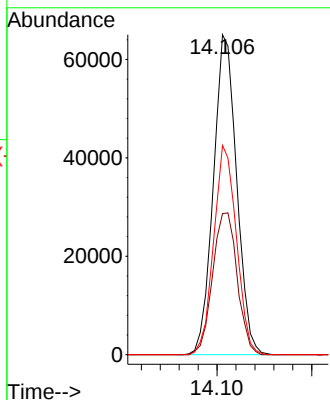
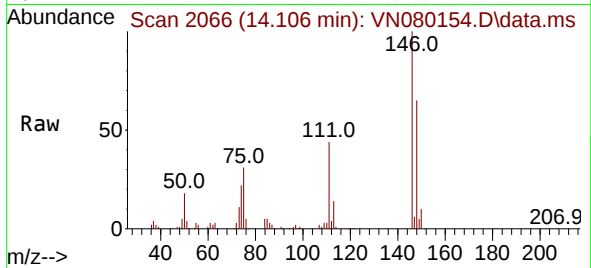
#91
1,2-Dichlorobenzene
Concen: 18.214 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN1117MBS01

Tgt Ion:146 Resp: 111224
Ion Ratio Lower Upper
146 100
111 46.7 22.0 66.0
148 63.8 31.8 95.3

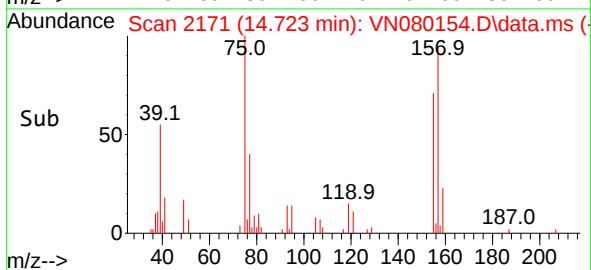
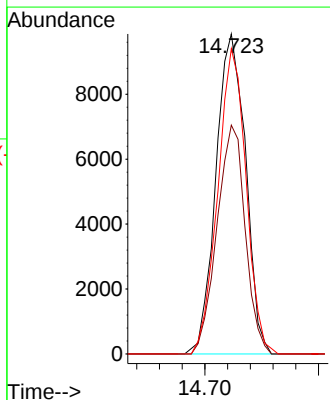
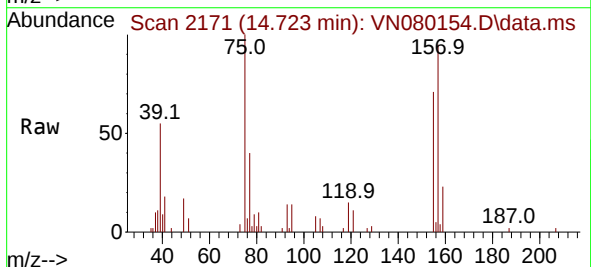
Manual Integrations
APPROVED

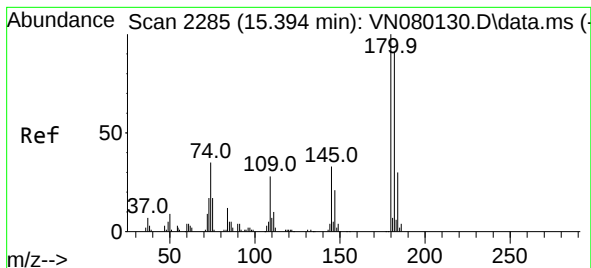
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.260 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

Tgt Ion: 75 Resp: 17833
Ion Ratio Lower Upper
75 100
155 68.2 39.1 117.2
157 91.2 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 15.490 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN080154.D

Acq: 17 Nov 2023 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN1117MBS01

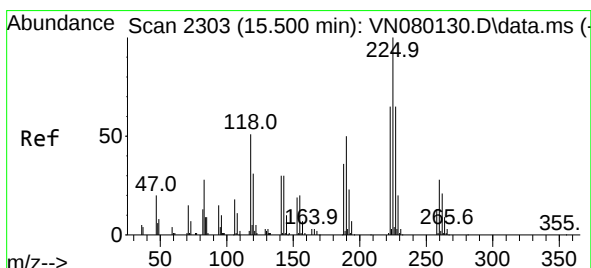
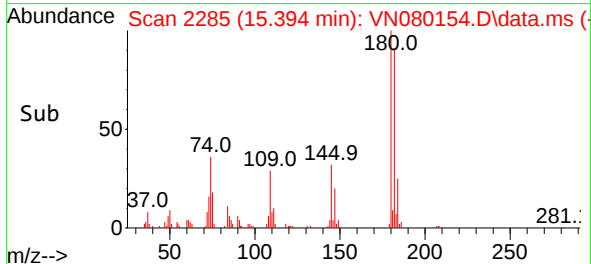
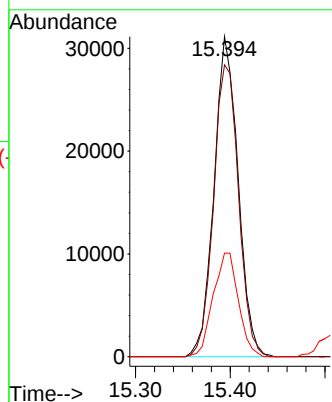
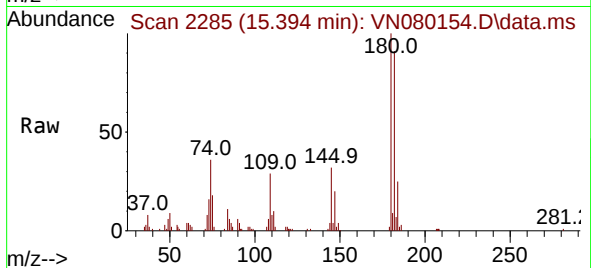
Tgt Ion:180	Resp:	55014
Ion Ratio	Lower	Upper
180	100	
182	94.5	46.1 138.2
145	34.0	16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#94

Hexachlorobutadiene

Concen: 15.408 ug/l

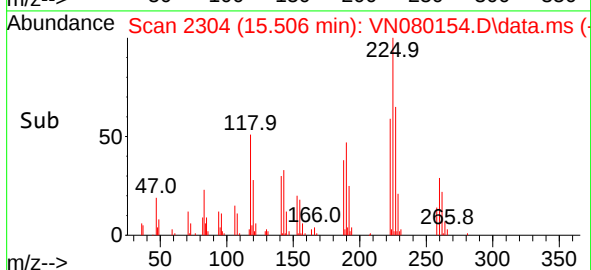
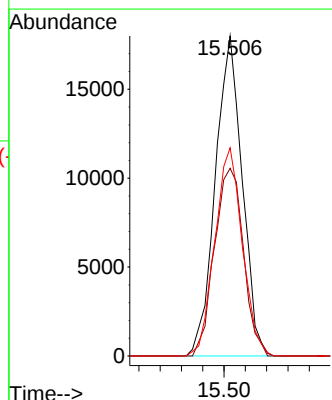
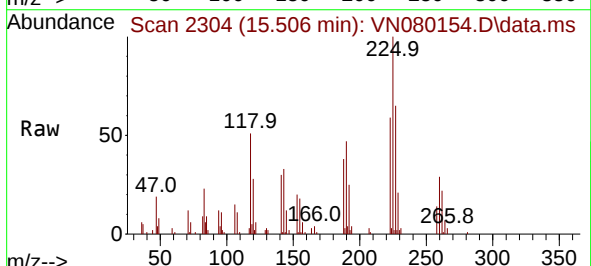
RT: 15.506 min Scan# 2304

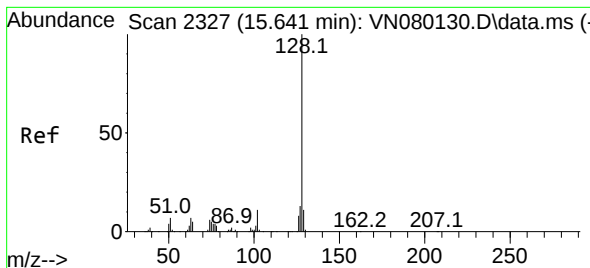
Delta R.T. 0.006 min

Lab File: VN080154.D

Acq: 17 Nov 2023 11:42

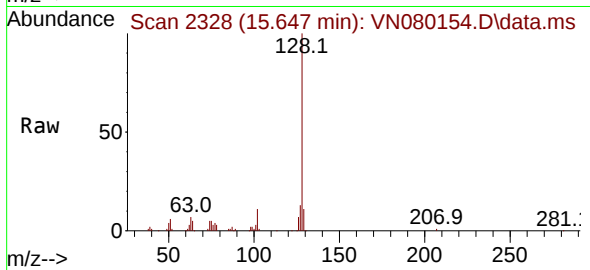
Tgt Ion:225	Resp:	31491
Ion Ratio	Lower	Upper
225	100	
223	63.3	31.3 93.8
227	66.5	31.9 95.9





#95
Naphthalene
Concen: 14.915 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42

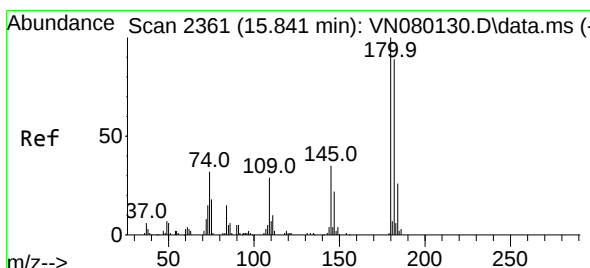
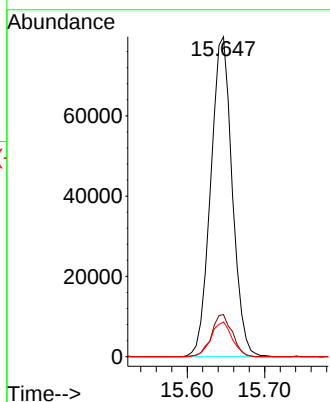
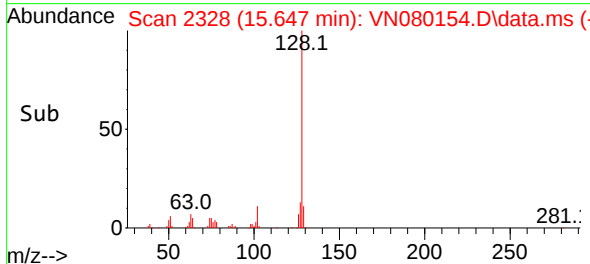
Instrument :
MSVOA_N
ClientSampleId :
VN1117MBS01



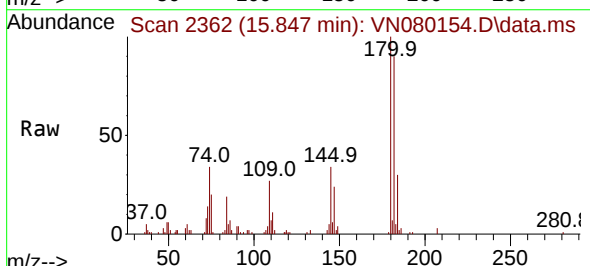
Tgt Ion:128 Resp: 15360
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 10.9 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 15.874 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN080154.D
Acq: 17 Nov 2023 11:42



Tgt Ion:180 Resp: 52843
Ion Ratio Lower Upper
180 100
182 97.5 46.2 138.6
145 33.8 17.5 52.6

