

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
 Data File : VN081153.D
 Acq On : 23 Feb 2024 10:47
 Operator : JC\MD
 Sample : VN0223WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0223WBSD01

Quant Time: Feb 24 00:10:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 10 01:55:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	61075	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	332989	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	309692	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	138401	30.158	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.533%			
60) 4-Bromofluorobenzene	12.853	95	144464	30.513	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 101.700%			
63) Toluene-d8	10.571	98	417026	30.006	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.033%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	79925	19.246	ug/l	98
3) Chloromethane	2.365	50	77320	18.527	ug/l	96
4) Vinyl Chloride	2.518	62	81569	16.394	ug/l	98
5) Bromomethane	2.965	94	58320	17.450	ug/l	96
6) Chloroethane	3.124	64	54615	16.838	ug/l	100
7) Trichlorofluoromethane	3.500	101	120397	18.375	ug/l	94
8) Diethyl Ether	3.965	74	46015	19.981	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.371	101	69652	19.587	ug/l	84
10) 1,1-Dichloroethene	4.342	96	65287	18.732	ug/l	94
11) Methyl Iodide	4.589	142	70006	18.755	ug/l	89
12) Methyl Acetate	5.030	43	77487	24.534	ug/l #	77
13) Acrolein	4.183	56	102005	148.100	ug/l	99
14) Acrylonitrile	5.718	53	192261	122.590	ug/l	98
15) Acetone	4.424	58	38617	107.035	ug/l	93
16) Carbon Disulfide	4.712	76	167265	17.487	ug/l	99
17) Allyl chloride	5.018	41	94787	21.655	ug/l	87
18) Methylene Chloride	5.277	84	79673	20.003	ug/l	94
19) trans-1,2-Dichloroethene	5.794	96	72623	18.355	ug/l #	80
20) Diisopropyl ether	6.665	45	229865	21.849	ug/l	92
21) 1,1-Dichloroethane	6.565	63	132731	19.686	ug/l	98
22) cis-1,2-Dichloroethene	7.483	96	83329	18.125	ug/l	98
23) tert-Butyl Alcohol	5.518	59	71489	125.128	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	235597	20.390	ug/l	93
25) Chloroform	7.971	83	142184	19.009	ug/l	99
26) Cyclohexane	8.259	56	110308	21.727	ug/l #	95
29) 1,1-Dichloropropene	8.371	75	101464	20.456	ug/l	99
30) 2-Butanone	7.483	43	226509	124.466	ug/l	98
31) 2,2-Dichloropropane	7.488	77	116682	20.661	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	124134	19.894	ug/l	98
33) Carbon Tetrachloride	8.365	117	103372	19.663	ug/l	98
34) Benzene	8.606	78	313130	20.658	ug/l	98
35) Methacrylonitrile	7.782	41	56097	26.226	ug/l	95
36) 1,2-Dichloroethane	8.671	62	112545	22.124	ug/l	98
37) Trichloroethene	9.353	130	77804	19.307	ug/l	100
38) Methylcyclohexane	9.606	83	121406	24.526	ug/l	98
39) 1,2-Dichloropropane	9.624	63	77009	21.420	ug/l	93
40) Dibromomethane	9.712	93	57487	21.017	ug/l	93
41) Bromodichloromethane	9.888	83	110489	20.639	ug/l	99
42) Vinyl Acetate	6.606	43	931870	119.712	ug/l	99

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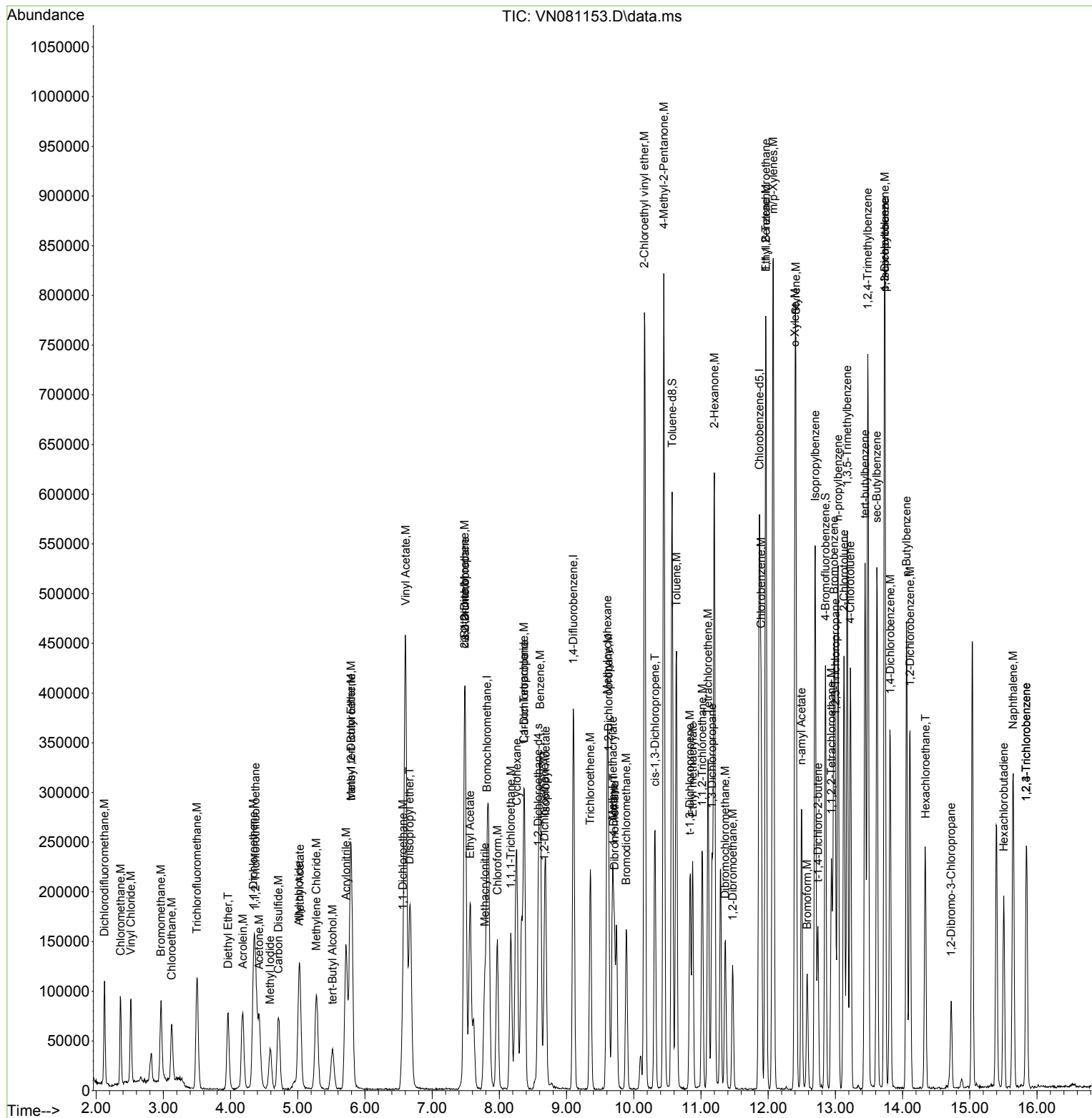
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43) Ethyl Acetate	7.565	43	96766	25.529	ug/l	97
44) Isopropyl Acetate	8.688	43	176911	25.976	ug/l #	88
45) 1,4-Dioxane	9.700	88	34275	530.635	ug/l	96
46) Methyl methacrylate	9.688	41	80204	25.737	ug/l	86
47) n-amyl Acetate	12.494	43	149482	25.167	ug/l	92
48) t-1,3-Dichloropropene	10.835	75	118746	21.165	ug/l	92
49) cis-1,3-Dichloropropene	10.318	75	128225	21.092	ug/l	91
50) 1,1,2-Trichloroethane	11.018	97	79153	20.914	ug/l	96
51) Ethyl methacrylate	10.876	69	116662	22.055	ug/l	83
52) 1,3-Dichloropropane	11.165	76	134452	21.512	ug/l	98
53) Dibromochloromethane	11.359	129	78883	19.122	ug/l	97
54) 1,2-Dibromoethane	11.470	107	80577	20.579	ug/l	96
55) 2-Chloroethyl vinyl ether	10.159	63	363346	134.038	ug/l	97
56) Bromoform	12.582	173	49413	18.808	ug/l #	97
58) 4-Methyl-2-Pentanone	10.447	43	522965	130.069	ug/l #	91
59) 2-Hexanone	11.200	43	388419	131.347	ug/l	91
61) Tetrachloroethene	11.106	164	68499	19.363	ug/l	92
62) Toluene	10.635	91	331757	19.556	ug/l	99
64) Chlorobenzene	11.894	112	204910	19.722	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.965	131	76936	19.962	ug/l	98
66) Ethyl Benzene	11.965	91	373782	20.955	ug/l	99
67) m/p-Xylenes	12.076	106	279193	39.857	ug/l	99
68) o-Xylene	12.400	106	141104	20.555	ug/l	97
69) Styrene	12.412	104	220405	19.502	ug/l	98
70) Isopropylbenzene	12.700	105	360057	21.522	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	107908	20.918	ug/l	100
72) 1,2,3-Trichloropropane	13.000	75	138813	34.374	ug/l	63
73) Bromobenzene	12.982	156	81283	19.538	ug/l	96
74) n-propylbenzene	13.041	91	428161	22.519	ug/l	99
75) 2-Chlorotoluene	13.129	91	254990	21.604	ug/l	97
76) 1,3,5-Trimethylbenzene	13.176	105	304090	22.215	ug/l	98
77) t-1,4-Dichloro-2-butene	12.741	75	35294	23.095	ug/l	88
78) 4-Chlorotoluene	13.223	91	247054	20.899	ug/l	97
79) tert-butylbenzene	13.441	119	255566	22.491	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	303744	22.271	ug/l	98
81) sec-Butylbenzene	13.617	105	369584	23.226	ug/l	99
82) p-Isopropyltoluene	13.735	119	304609	22.802	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	149882	20.031	ug/l	99
84) 1,4-Dichlorobenzene	13.817	146	150549	20.044	ug/l	99
85) n-Butylbenzene	14.059	91	262726	23.836	ug/l	99
86) Hexachloroethane	14.341	117	49871	23.668	ug/l	84
87) 1,2-Dichlorobenzene	14.111	146	147486	20.245	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	22011	23.639	ug/l	96
89) 1,2,4-Trichlorobenzene	15.841	180	82072	23.029	ug/l	98
90) Hexachlorobutadiene	15.506	225	29208	18.680	ug/l	94
91) Naphthalene	15.647	128	298009	23.550	ug/l	100
92) 1,2,3-Trichlorobenzene	15.841	180	82072	23.029	ug/l	98

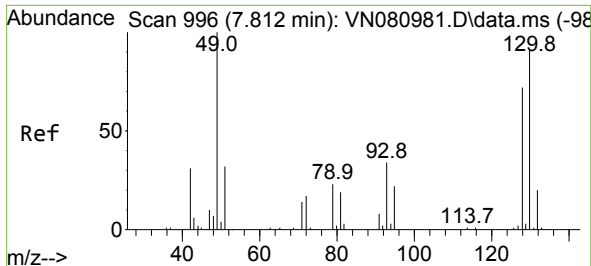
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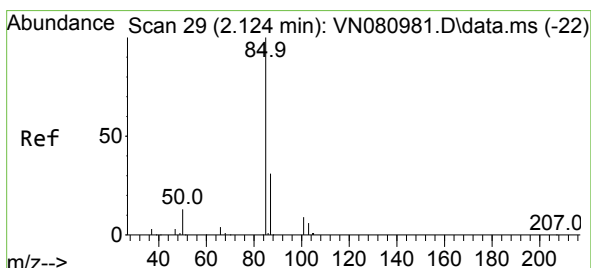
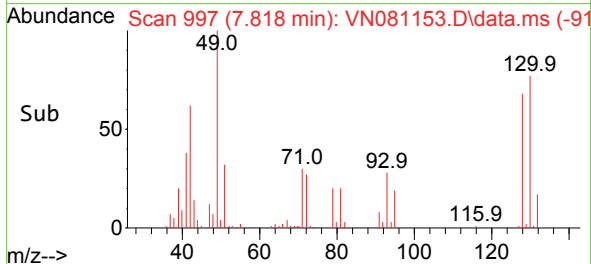
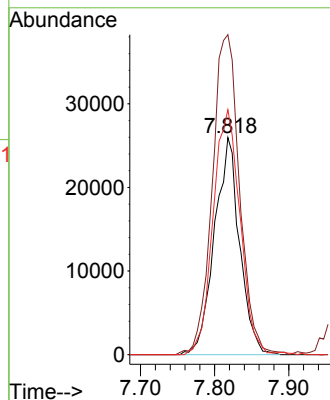
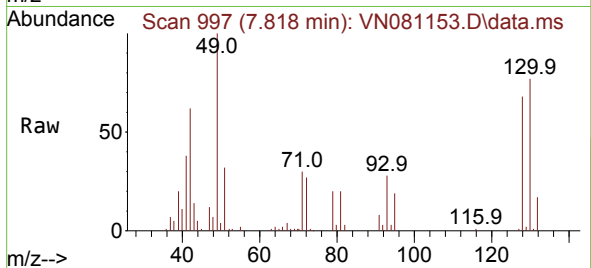




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

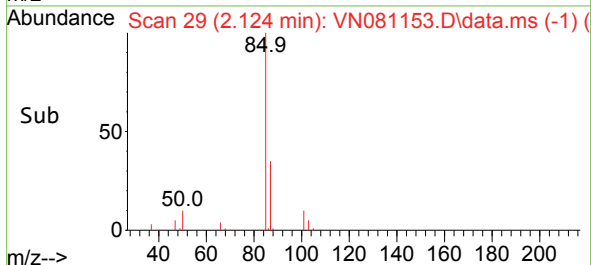
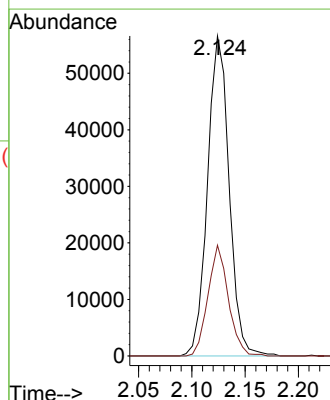
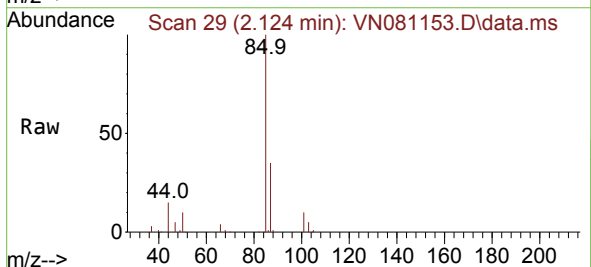
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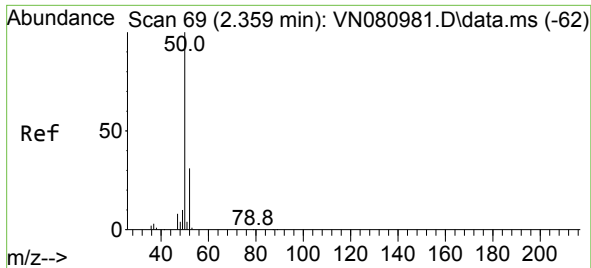
Tgt Ion:128 Resp: 61075
Ion Ratio Lower Upper
128 100
49 160.4 0.0 403.7
130 121.0 0.0 323.3



#2
Dichlorodifluoromethane
Concen: 19.246 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

Tgt Ion: 85 Resp: 79925
Ion Ratio Lower Upper
85 100
87 34.6 16.8 50.3

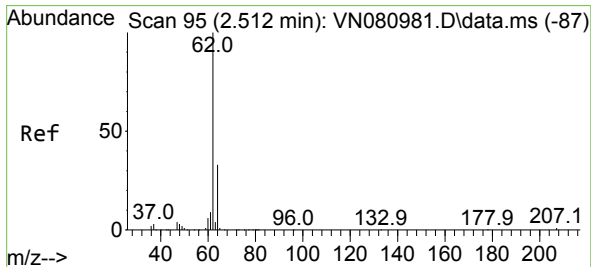
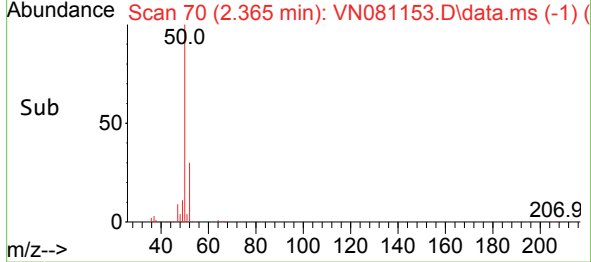
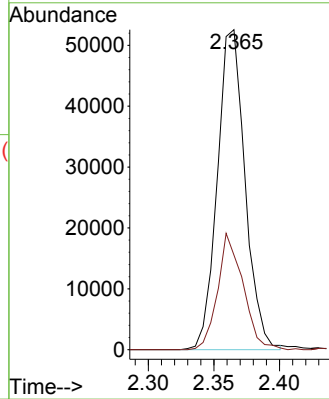
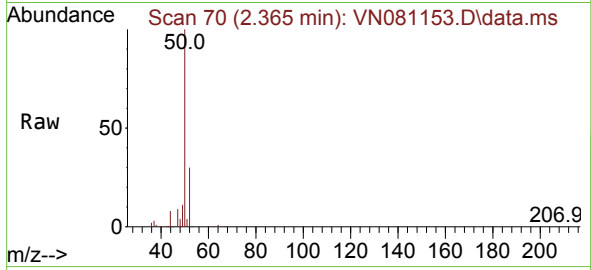




#3
Chloromethane
Concen: 18.527 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

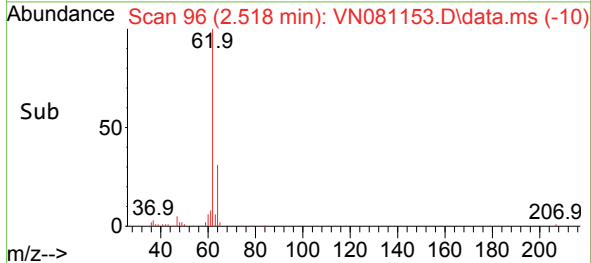
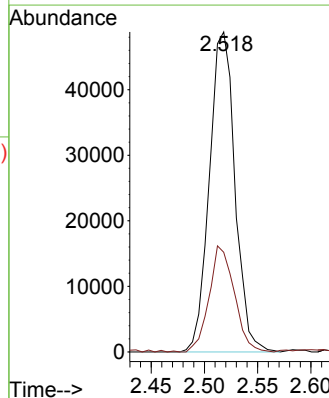
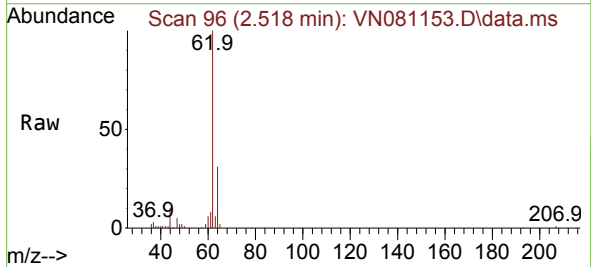
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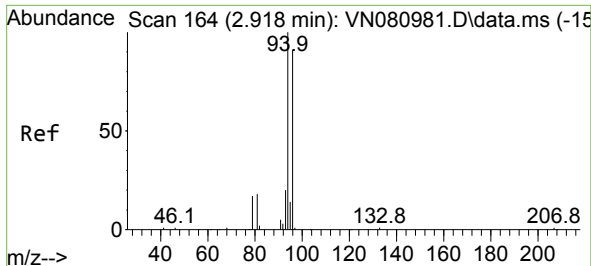
Tgt Ion: 50 Resp: 77320
Ion Ratio Lower Upper
50 100
52 29.6 25.4 38.0



#4
Vinyl Chloride
Concen: 16.394 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

Tgt Ion: 62 Resp: 81569
Ion Ratio Lower Upper
62 100
64 31.2 24.1 36.1

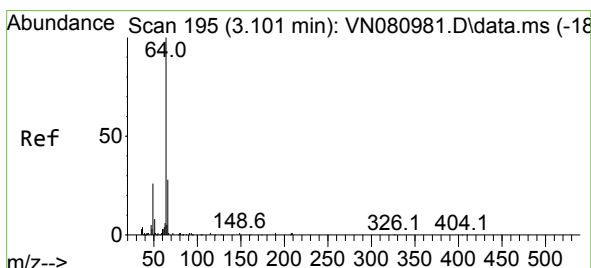
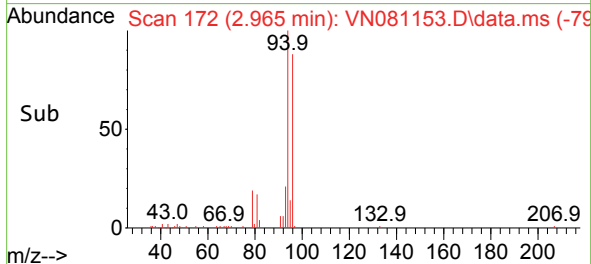
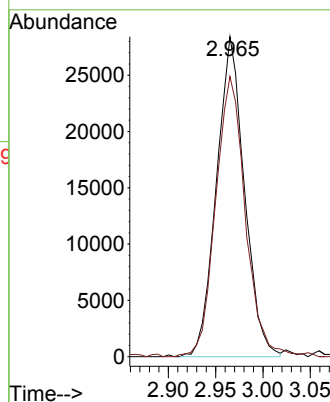
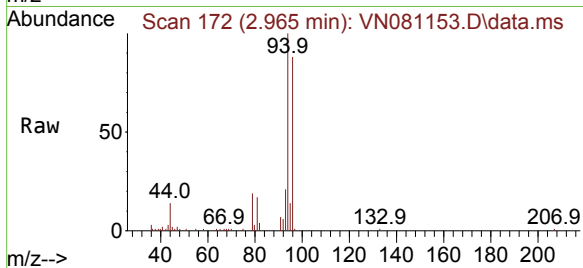




#5
Bromomethane
Concen: 17.450 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.047 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

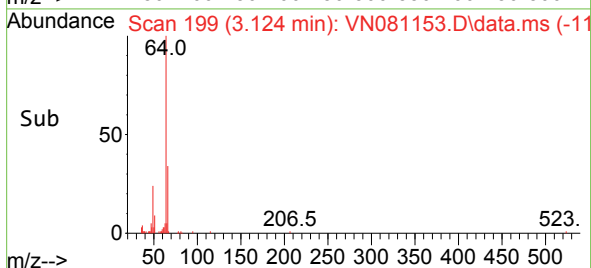
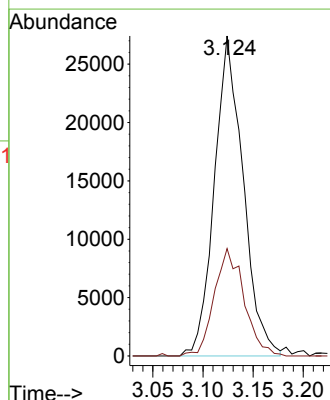
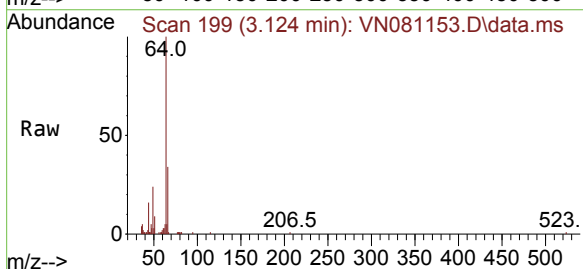
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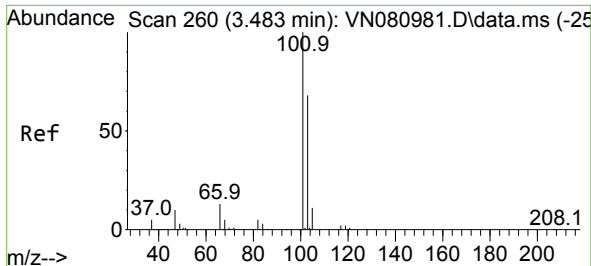
Tgt Ion: 94 Resp: 58320
Ion Ratio Lower Upper
94 100
96 86.9 72.8 109.2



#6
Chloroethane
Concen: 16.838 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.023 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

Tgt Ion: 64 Resp: 54615
Ion Ratio Lower Upper
64 100
66 33.6 26.7 40.1

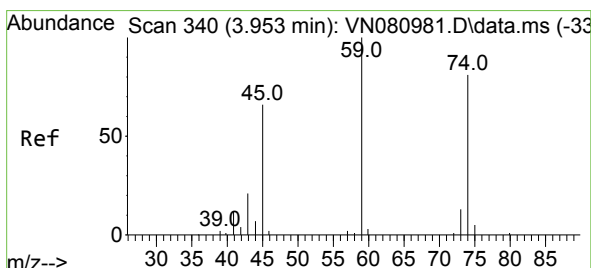
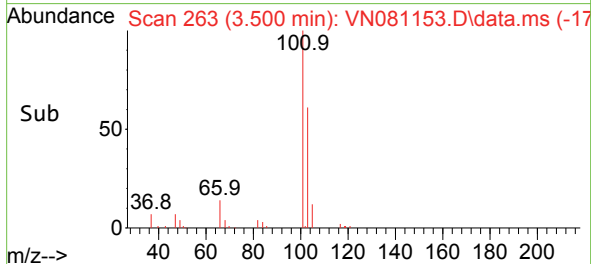
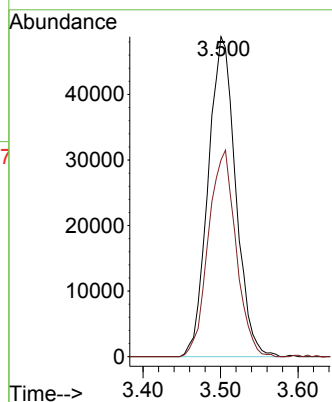
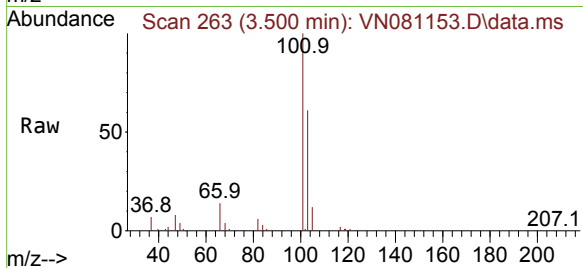




#7
Trichlorofluoromethane
Concen: 18.375 ug/l
RT: 3.500 min Scan# 210
Delta R.T. 0.018 min
Lab File: VN081153.D
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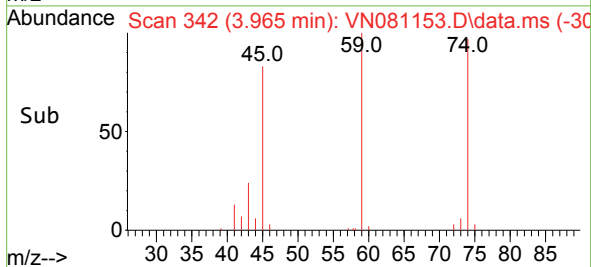
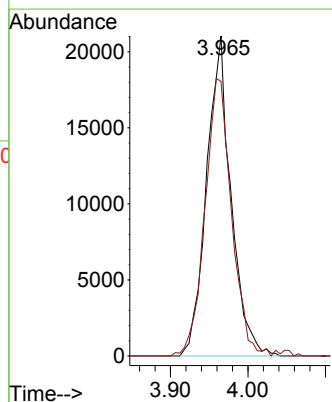
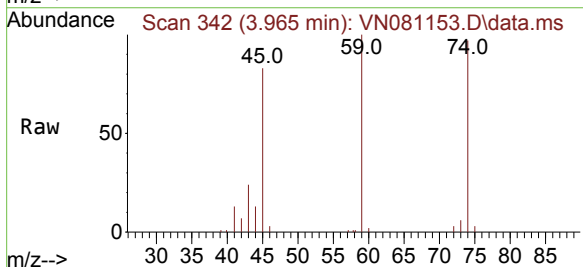
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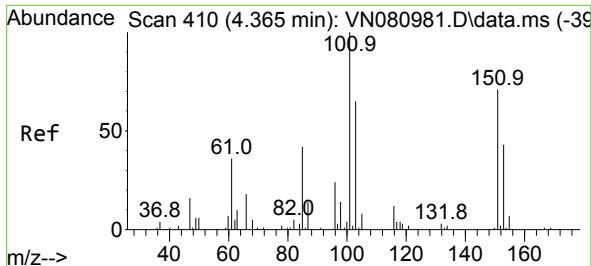
Tgt Ion:101 Resp: 120397
Ion Ratio Lower Upper
101 100
103 61.5 53.0 79.4



#8
Diethyl Ether
Concen: 19.981 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.012 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

Tgt Ion: 74 Resp: 46015
Ion Ratio Lower Upper
74 100
45 93.8 16.4 147.4

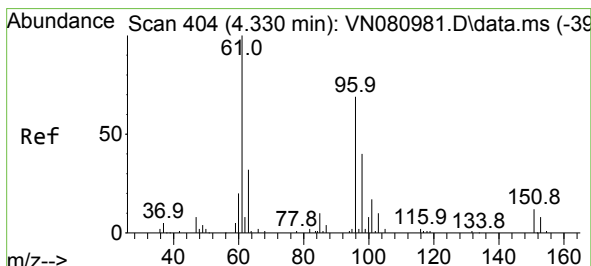
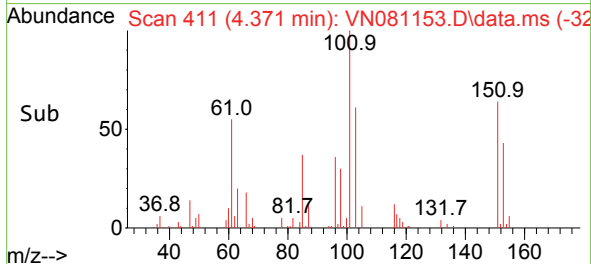
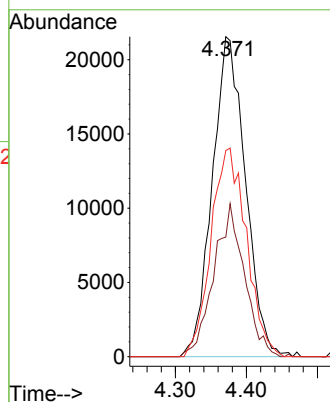
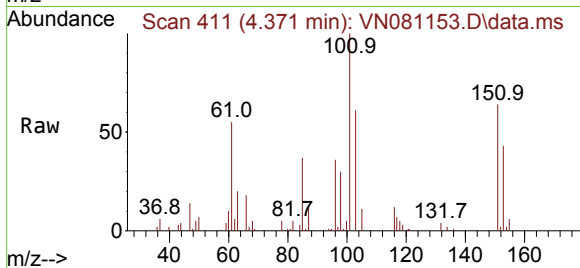




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.587 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.006 min
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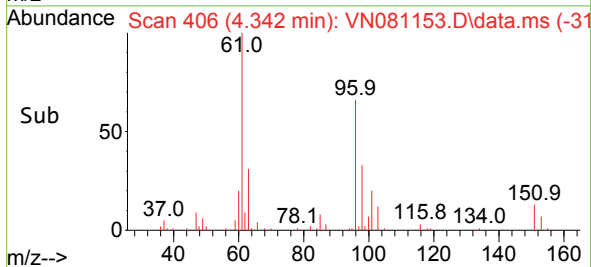
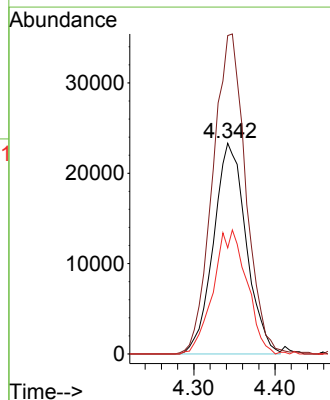
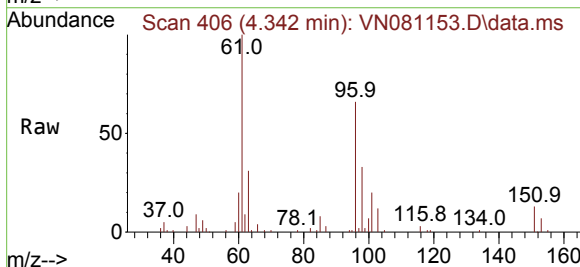
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 ClientSampleId :
 VN0223WBSD01

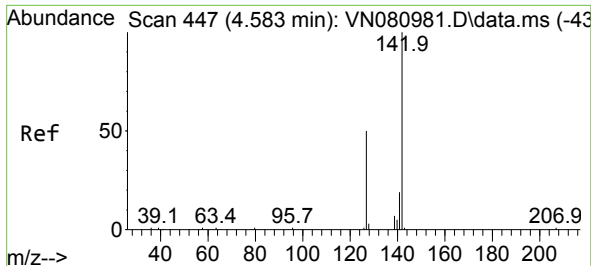
Tgt Ion:101 Resp: 69652
 Ion Ratio Lower Upper
 101 100
 85 27.8 0.0 90.6
 151 69.7 0.0 157.6



#10
 1,1-Dichloroethene
 Concen: 18.732 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. 0.012 min
 Lab File: VN081153.D
 Acq: 23 Feb 2024 10:47

Tgt Ion: 96 Resp: 65287
 Ion Ratio Lower Upper
 96 100
 61 150.5 117.6 176.4
 98 50.4 48.4 72.6

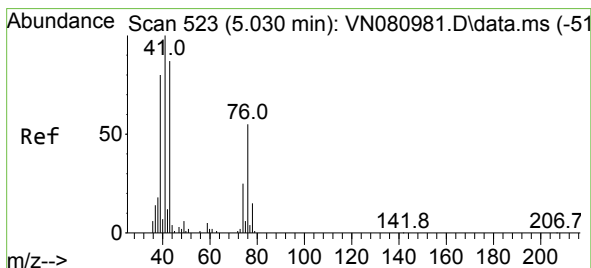
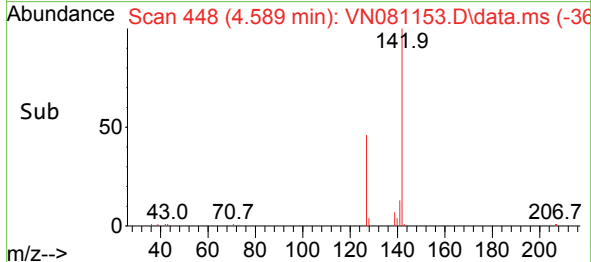
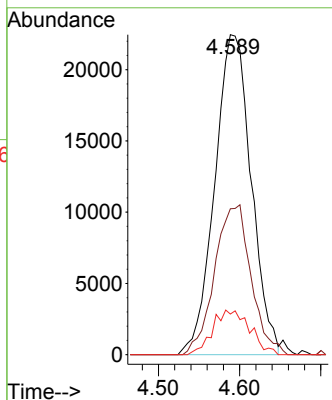
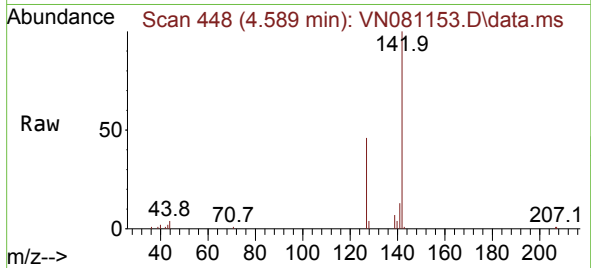




#11
Methyl Iodide
Concen: 18.755 ug/l
RT: 4.589 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

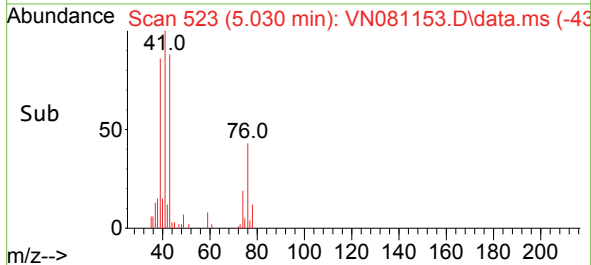
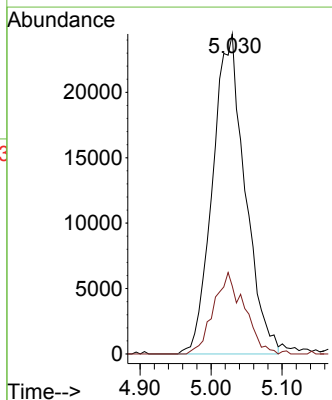
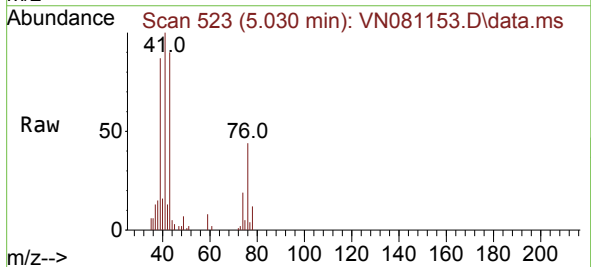
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01

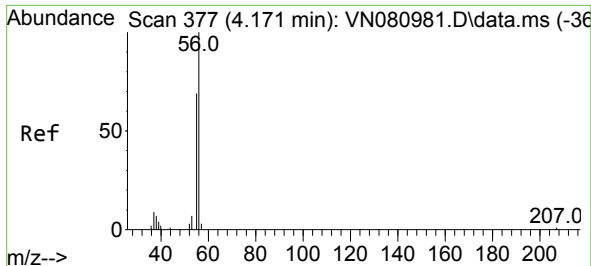
Tgt Ion:142 Resp: 70006
Ion Ratio Lower Upper
142 100
127 44.4 26.3 78.9
141 12.9 8.3 24.9



#12
Methyl Acetate
Concen: 24.534 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

Tgt Ion: 43 Resp: 77487
Ion Ratio Lower Upper
43 100
74 21.5 27.7 41.5#

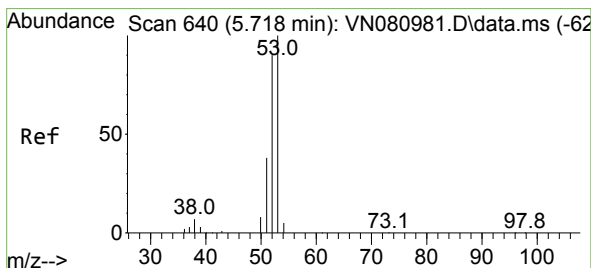
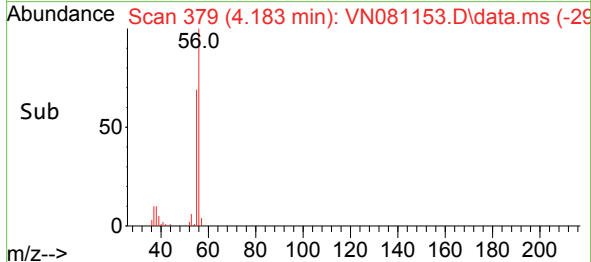
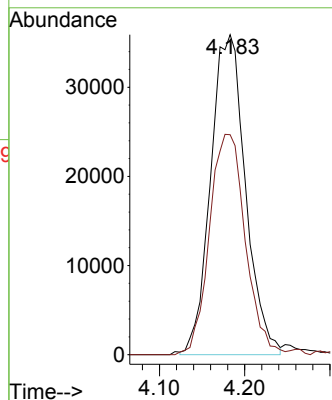
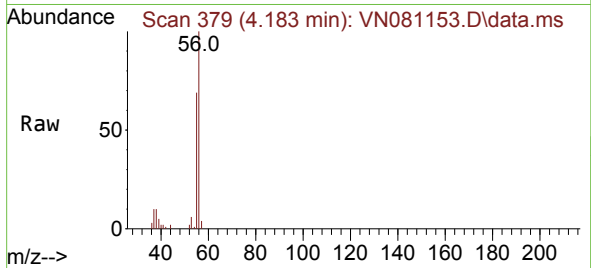




#13
Acrolein
Concen: 148.100 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

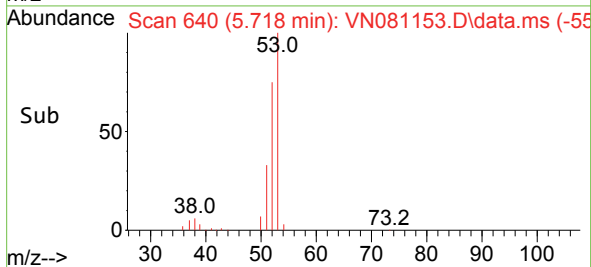
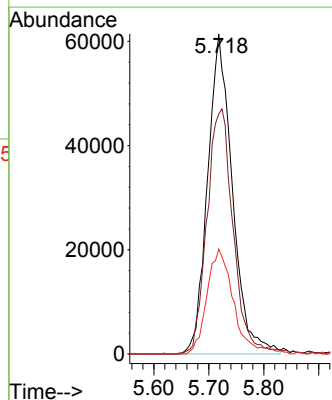
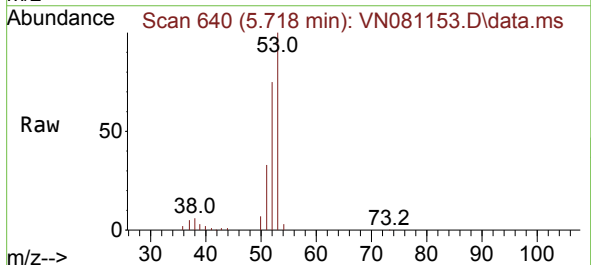
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01

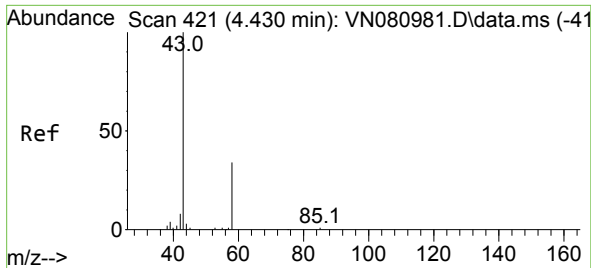
Tgt Ion: 56 Resp: 102005
Ion Ratio Lower Upper
56 100
55 70.6 55.5 83.3



#14
Acrylonitrile
Concen: 122.590 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

Tgt Ion: 53 Resp: 192261
Ion Ratio Lower Upper
53 100
52 80.2 41.3 123.9
51 33.9 16.8 50.3

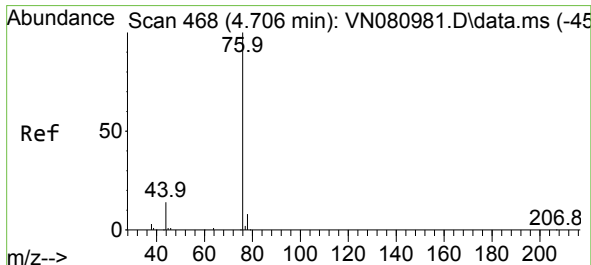
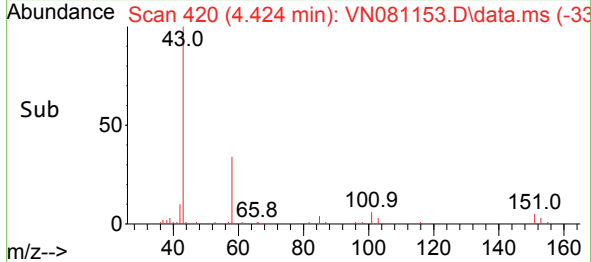
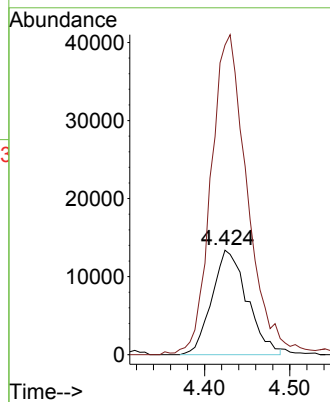
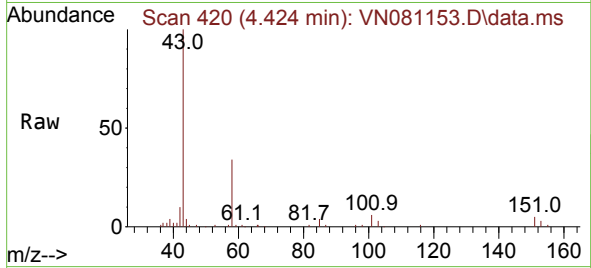




#15
Acetone
Concen: 107.035 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

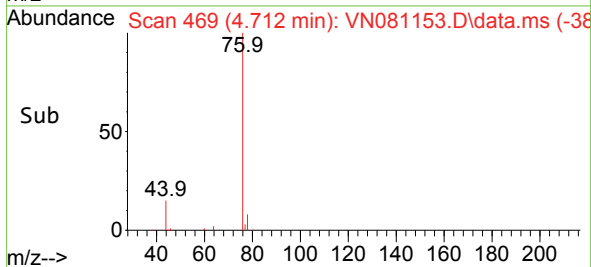
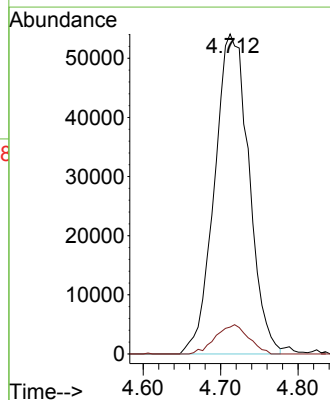
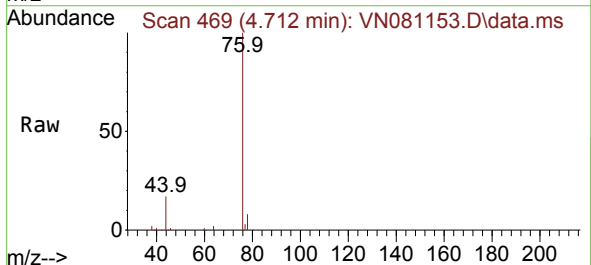
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01

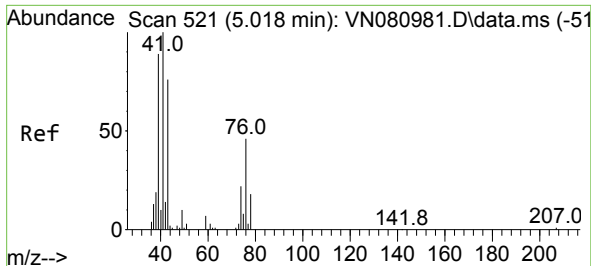
Tgt Ion: 58 Resp: 38617
Ion Ratio Lower Upper
58 100
43 291.1 223.1 334.7



#16
Carbon Disulfide
Concen: 17.487 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

Tgt Ion: 76 Resp: 167265
Ion Ratio Lower Upper
76 100
78 8.4 6.3 9.5

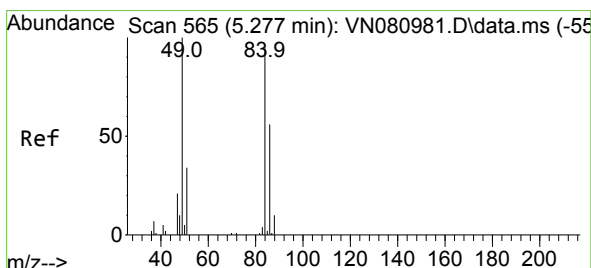
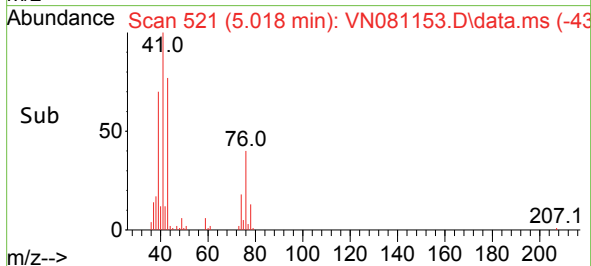
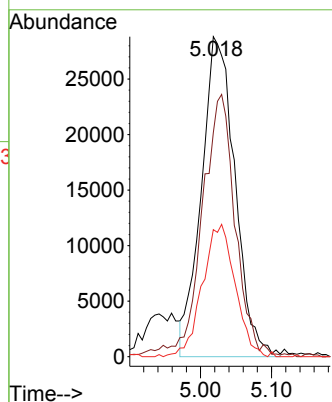
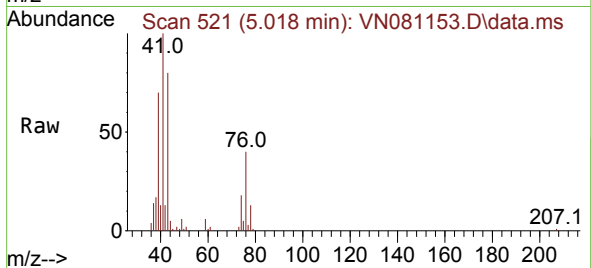




#17
Allyl chloride
Concen: 21.655 ug/l
RT: 5.018 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

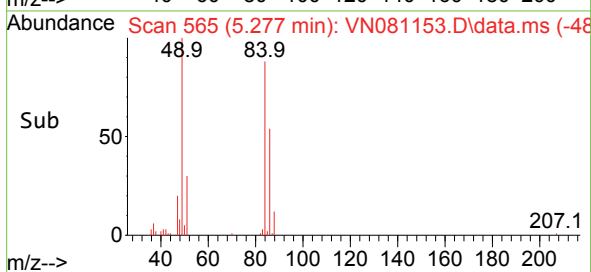
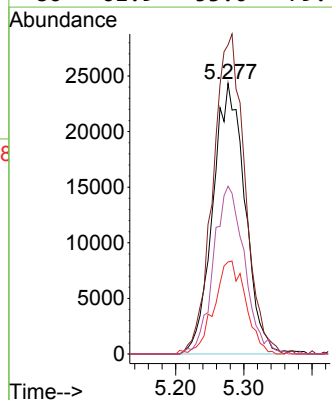
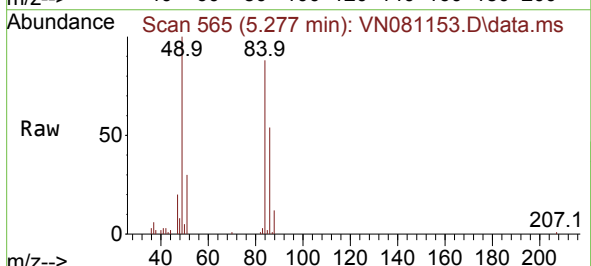
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01

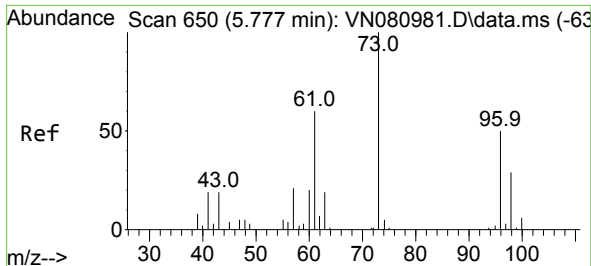
Tgt Ion:	41	Resp:	94787
Ion	Ratio	Lower	Upper
41	100		
39	70.0	37.6	112.9
76	40.0	27.8	83.4



#18
Methylene Chloride
Concen: 20.003 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

Tgt Ion:	84	Resp:	79673
Ion	Ratio	Lower	Upper
84	100		
49	114.2	86.0	129.0
51	34.0	30.0	45.0
86	61.9	53.0	79.4

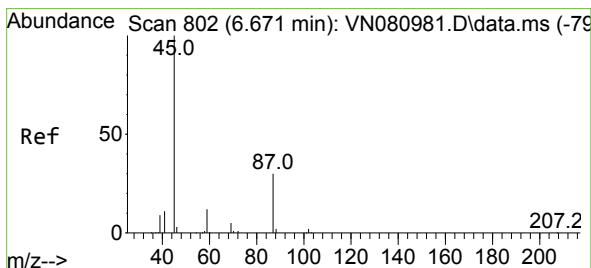
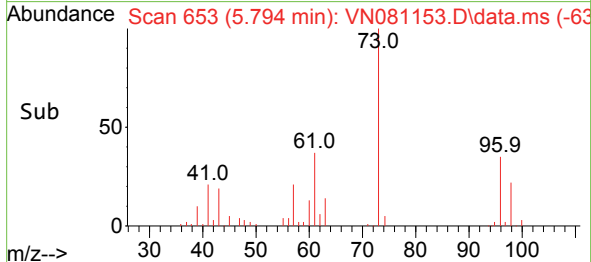
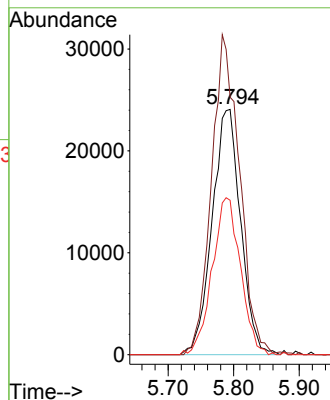
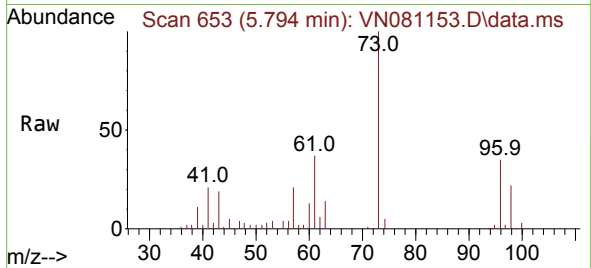




#19
trans-1,2-Dichloroethene
Concen: 18.355 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.018 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

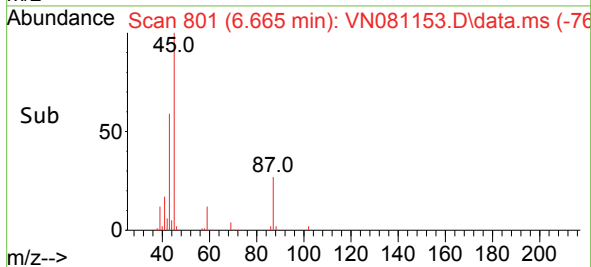
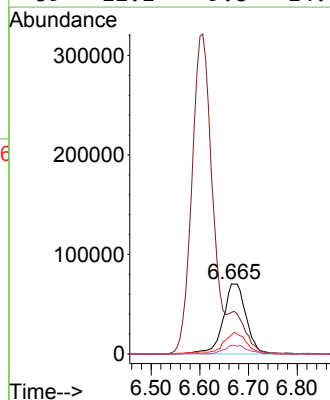
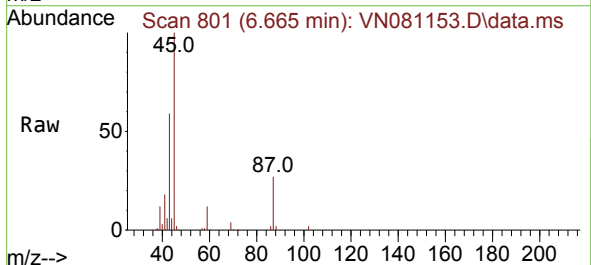
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01

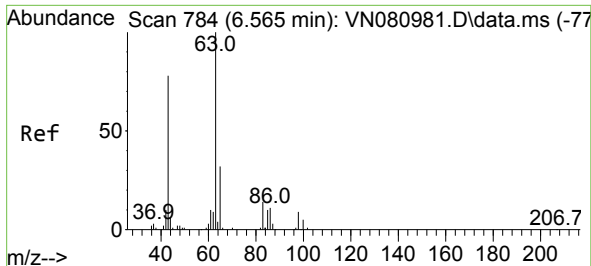
Tgt Ion: 96 Resp: 72623
Ion Ratio Lower Upper
96 100
61 105.0 111.8 167.6#
98 62.9 49.2 73.8



#20
Diisopropyl ether
Concen: 21.849 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

Tgt Ion: 45 Resp: 229865
Ion Ratio Lower Upper
45 100
43 58.2 40.4 60.6
87 27.1 23.8 35.8
59 12.1 9.8 14.6

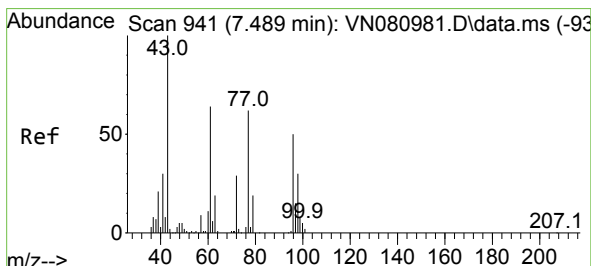
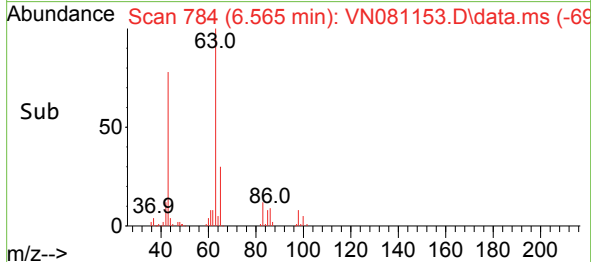
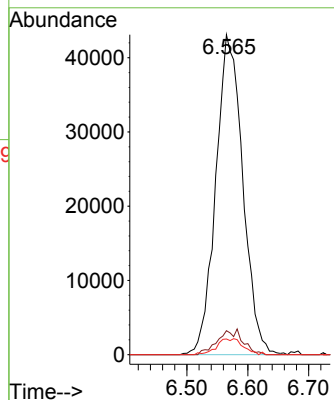
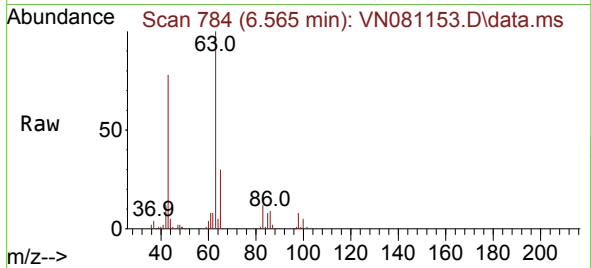




#21
1,1-Dichloroethane
Concen: 19.686 ug/l
RT: 6.565 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

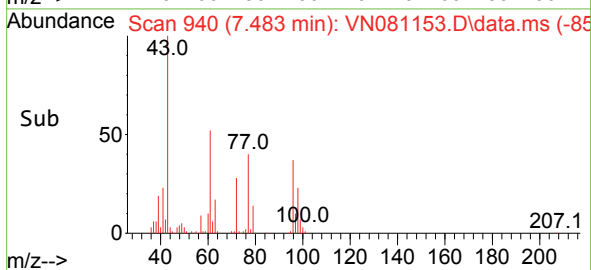
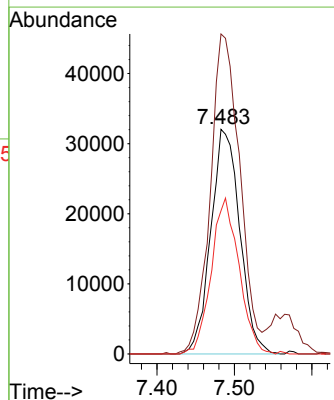
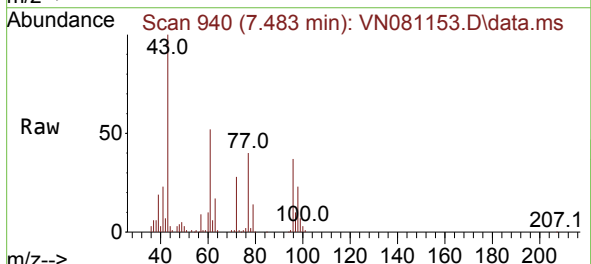
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01

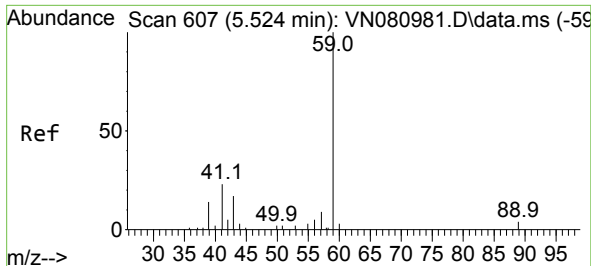
Tgt Ion: 63 Resp: 132731
Ion Ratio Lower Upper
63 100
98 7.5 4.1 12.3
100 4.9 3.0 9.0



#22
cis-1,2-Dichloroethene
Concen: 18.125 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

Tgt Ion: 96 Resp: 83329
Ion Ratio Lower Upper
96 100
61 145.0 113.5 170.3
98 66.6 52.0 78.0

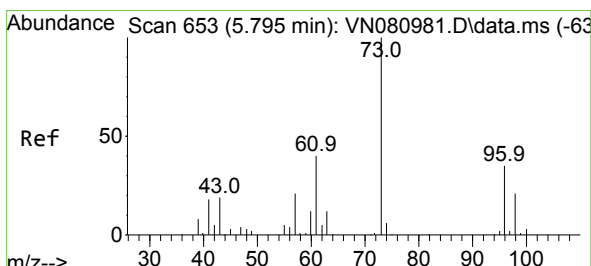
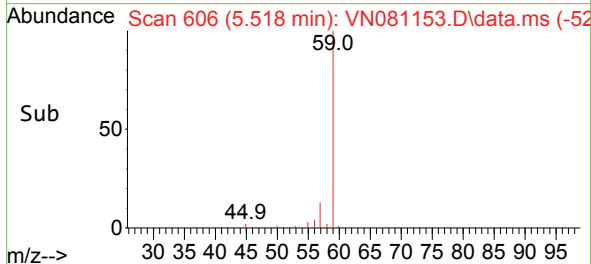
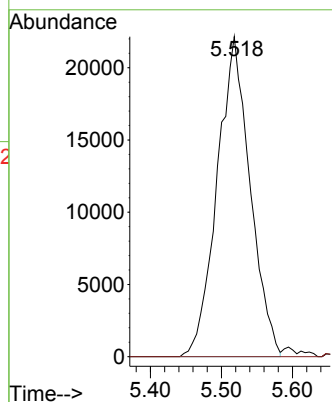
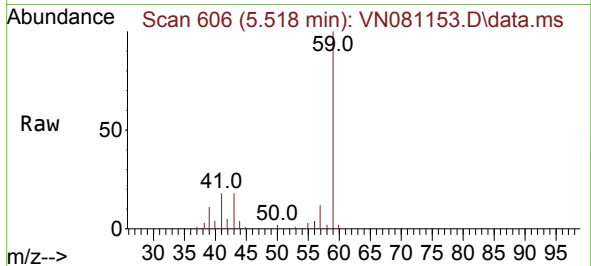




#23
tert-Butyl Alcohol
Concen: 125.128 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

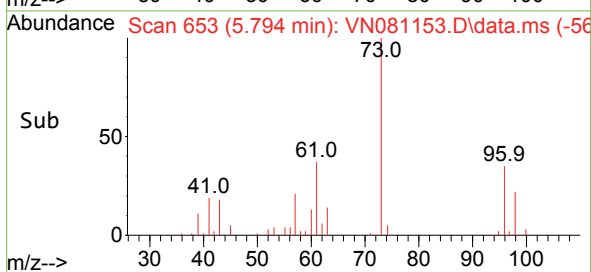
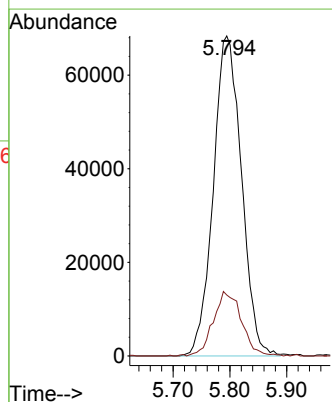
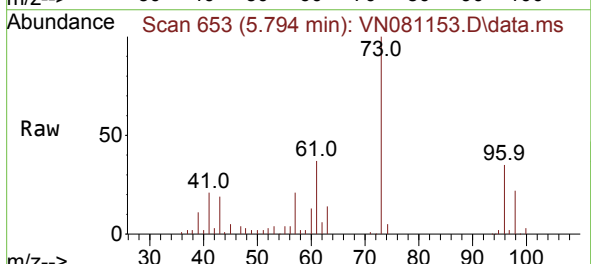
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01

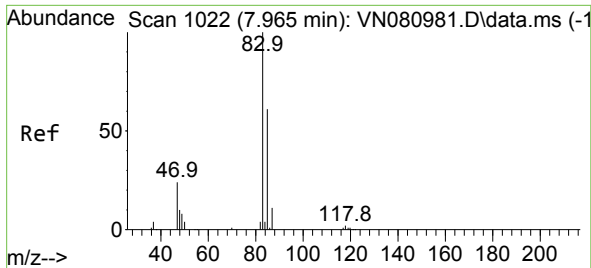
Tgt Ion: 59 Resp: 71489
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 20.390 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

Tgt Ion: 73 Resp: 235597
Ion Ratio Lower Upper
73 100
43 19.9 13.4 20.2

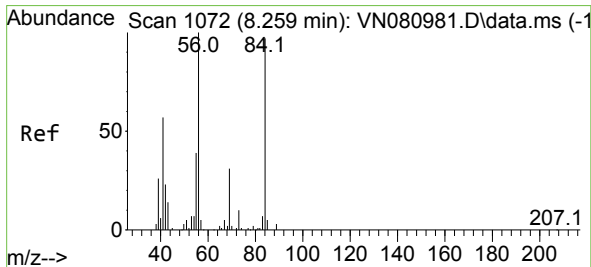
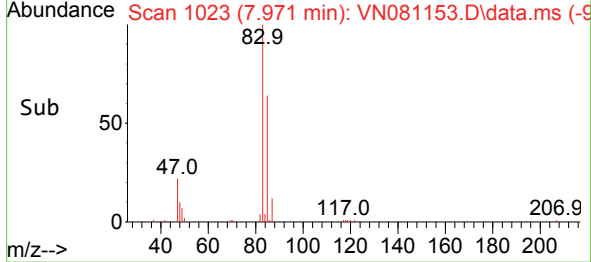
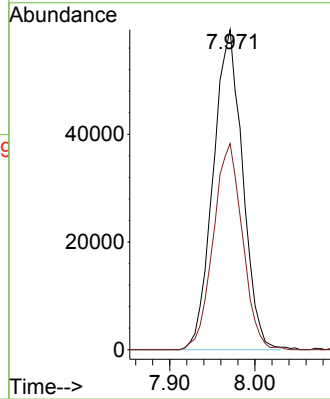
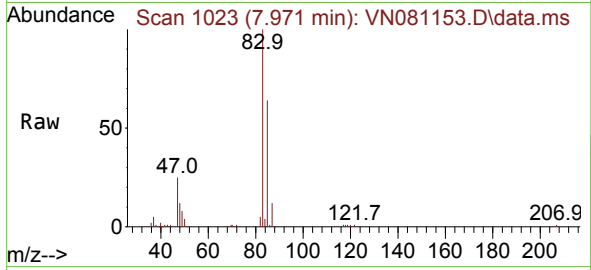




#25
Chloroform
Concen: 19.009 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

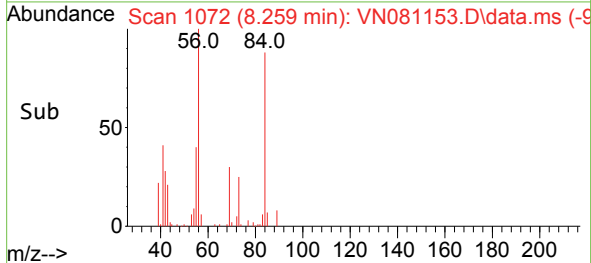
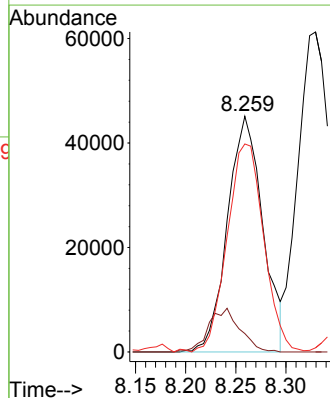
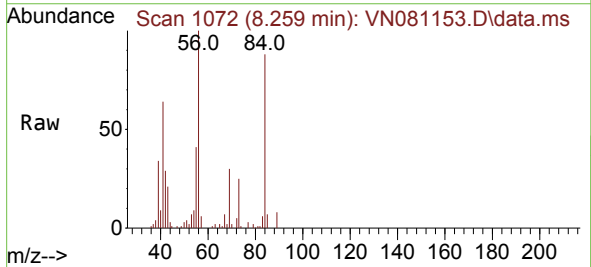
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01

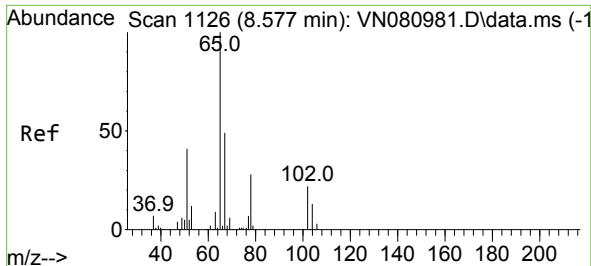
Tgt Ion: 83 Resp: 142184
Ion Ratio Lower Upper
83 100
85 64.4 50.9 76.3



#26
Cyclohexane
Concen: 21.727 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

Tgt Ion: 56 Resp: 110308
Ion Ratio Lower Upper
56 100
89 16.6 19.3 28.9#
84 91.4 71.3 106.9





#27

1,2-Dichloroethane-d4

Concen: 30.158 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081153.D

Acq: 23 Feb 2024 10:47

Instrument :

MSVOA_N

ClientSampleId :

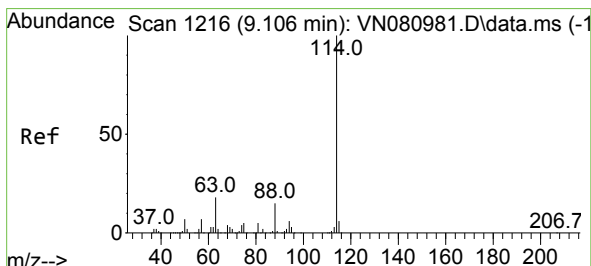
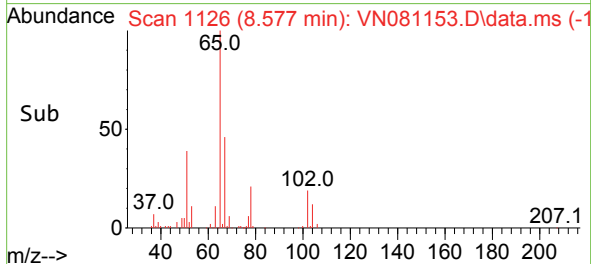
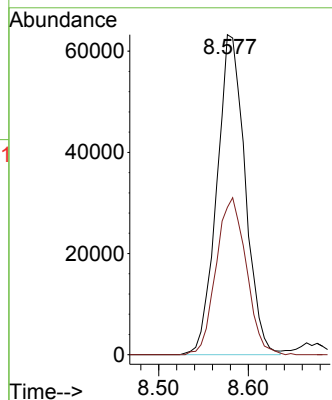
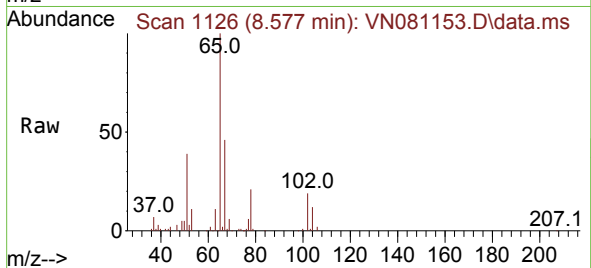
VN0223WBSD01

Tgt Ion: 65 Resp: 138401

Ion Ratio Lower Upper

65 100

67 52.1 43.2 64.8



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081153.D

Acq: 23 Feb 2024 10:47

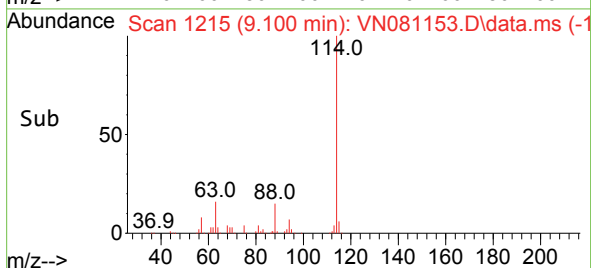
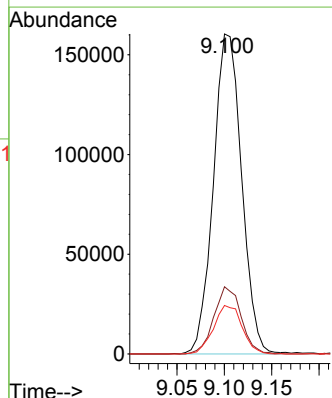
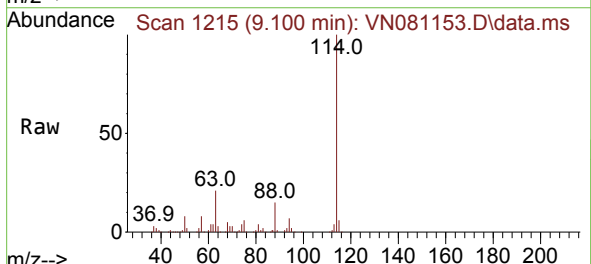
Tgt Ion: 114 Resp: 332989

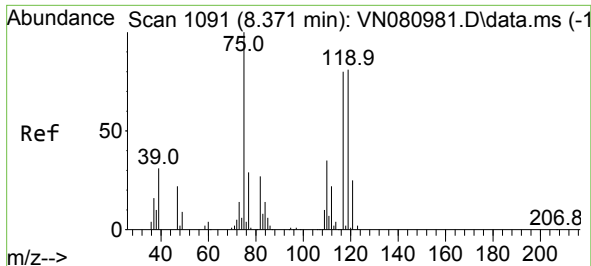
Ion Ratio Lower Upper

114 100

63 20.2 15.9 23.9

88 15.3 12.7 19.1





#29

1,1-Dichloropropene

Concen: 20.456 ug/l

RT: 8.371 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081153.D

Acq: 23 Feb 2024 10:47

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBSD01

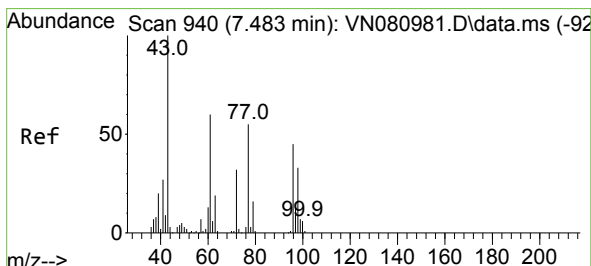
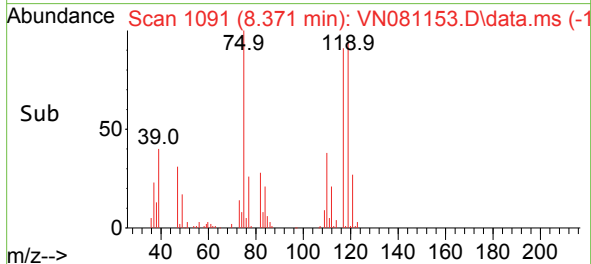
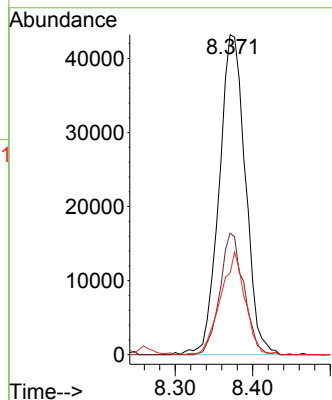
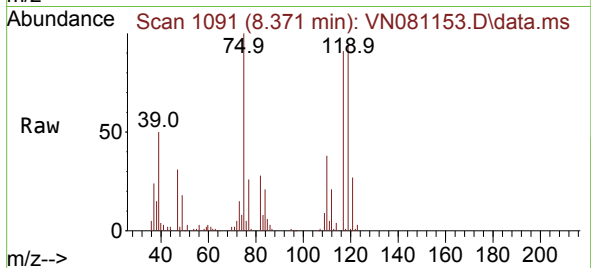
Tgt Ion: 75 Resp: 101464

Ion Ratio Lower Upper

75 100

110 34.6 0.0 70.2

77 30.0 0.0 61.4



#30

2-Butanone

Concen: 124.466 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN081153.D

Acq: 23 Feb 2024 10:47

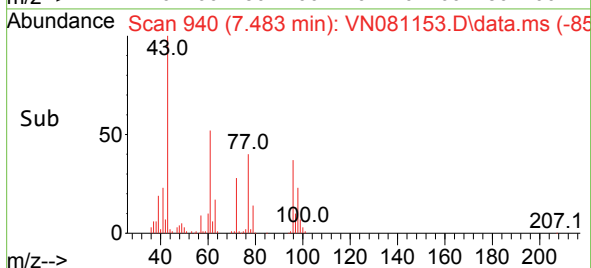
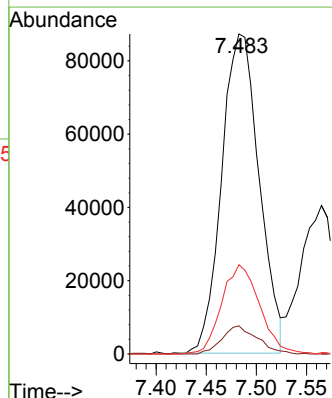
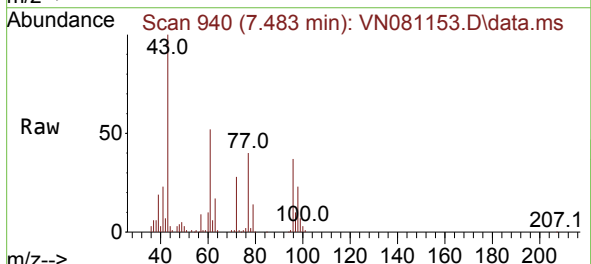
Tgt Ion: 43 Resp: 226509

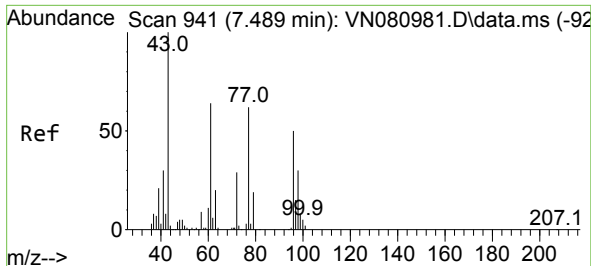
Ion Ratio Lower Upper

43 100

57 8.3 6.7 10.1

72 28.3 24.0 36.0

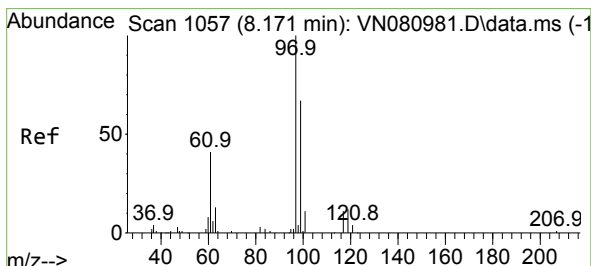
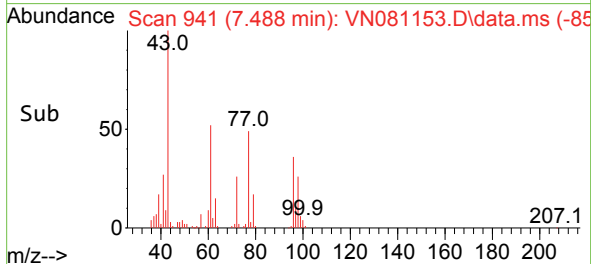
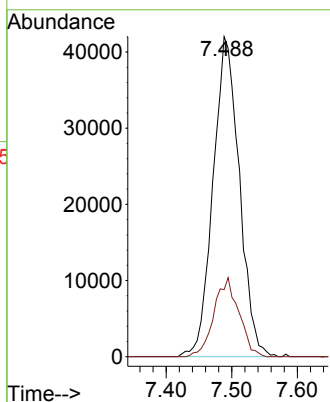
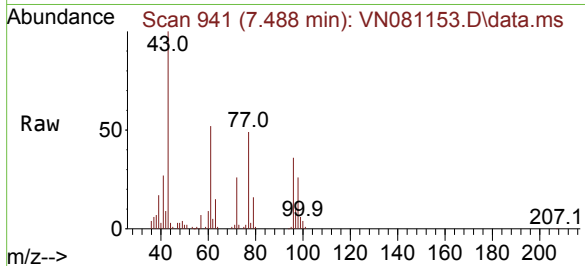




#31
2,2-Dichloropropane
Concen: 20.661 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

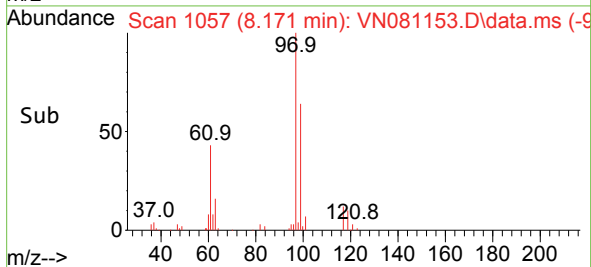
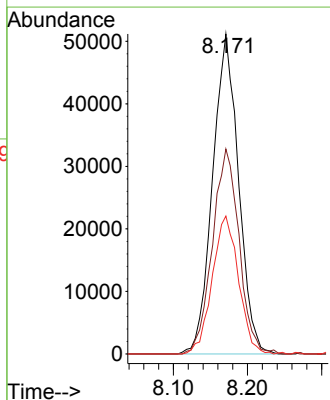
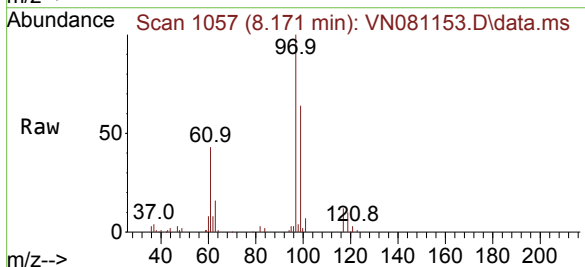
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01

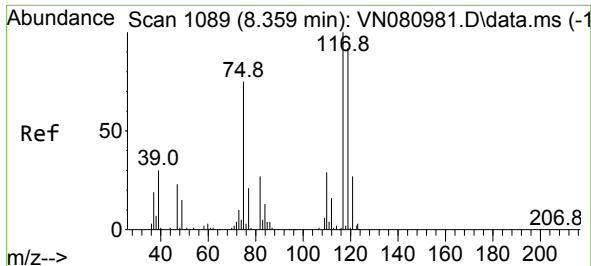
Tgt Ion: 77 Resp: 116682
Ion Ratio Lower Upper
77 100
97 23.4 18.3 27.5



#32
1,1,1-Trichloroethane
Concen: 19.894 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

Tgt Ion: 97 Resp: 124134
Ion Ratio Lower Upper
97 100
99 65.7 51.0 76.4
61 43.8 33.8 50.8

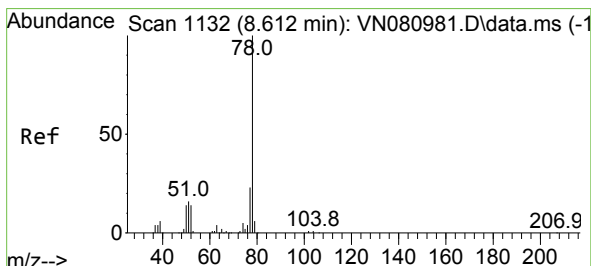
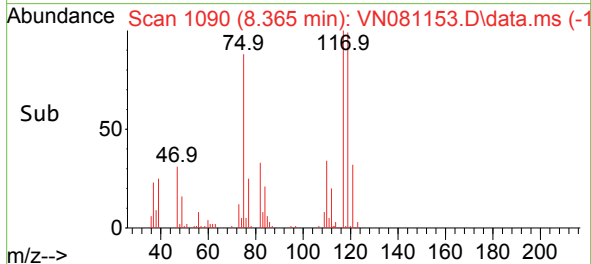
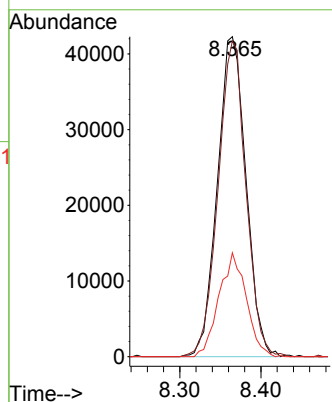
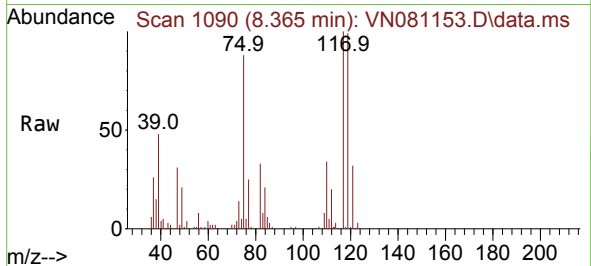




#33
Carbon Tetrachloride
Concen: 19.663 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

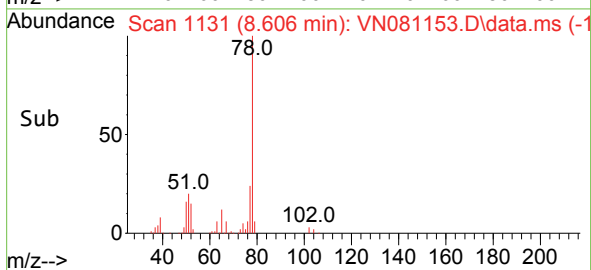
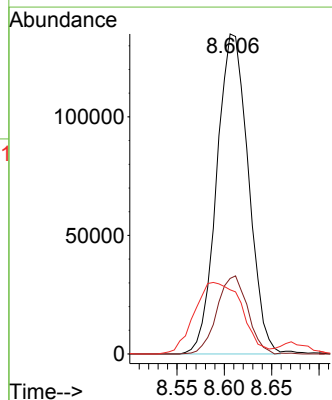
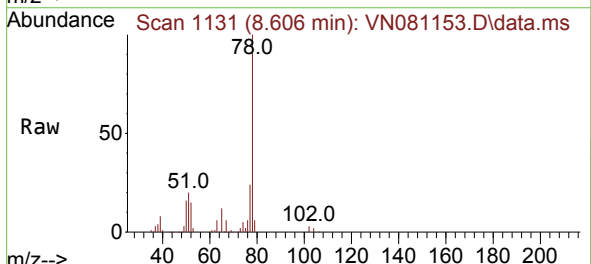
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01

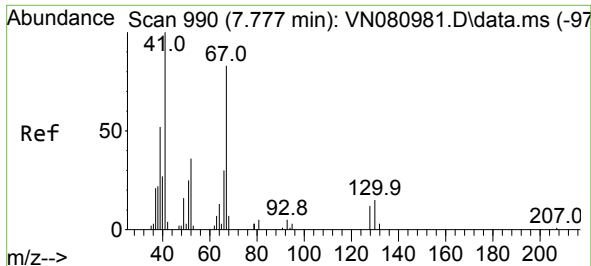
Tgt Ion:117 Resp: 103372
Ion Ratio Lower Upper
117 100
119 98.7 77.7 116.5
121 32.5 27.0 40.6



#34
Benzene
Concen: 20.658 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

Tgt Ion: 78 Resp: 313130
Ion Ratio Lower Upper
78 100
77 23.6 19.2 28.8
51 17.7 13.3 19.9



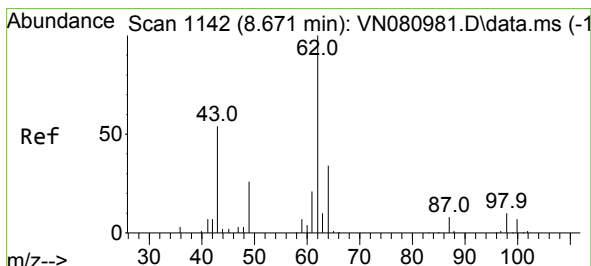
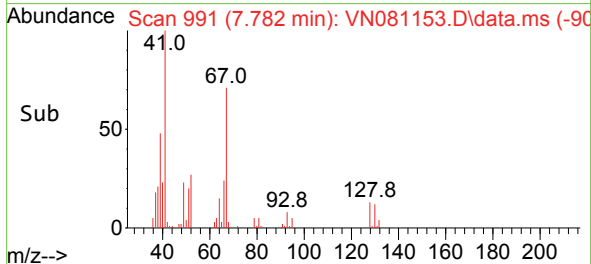
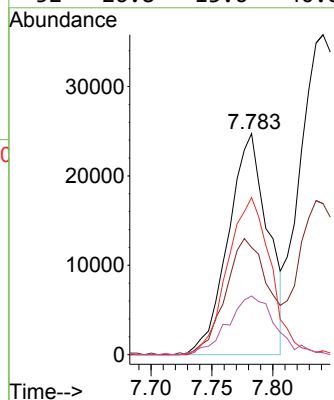
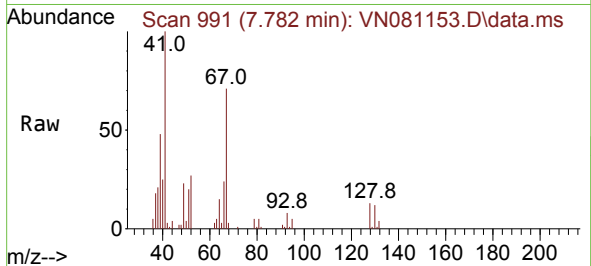


#35
Methacrylonitrile
Concen: 26.226 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01

Tgt Ion: 41 Resp: 56097

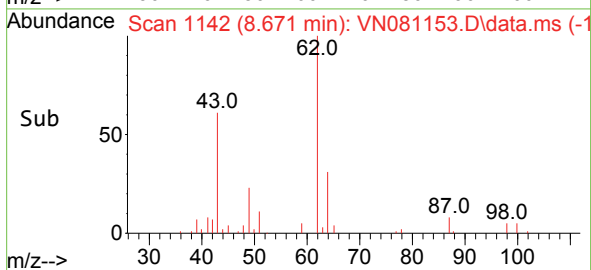
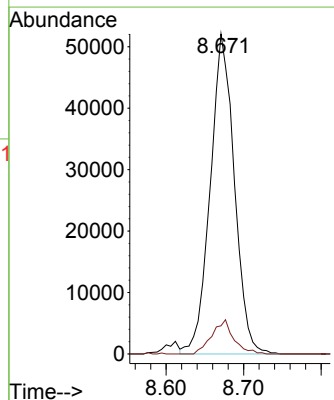
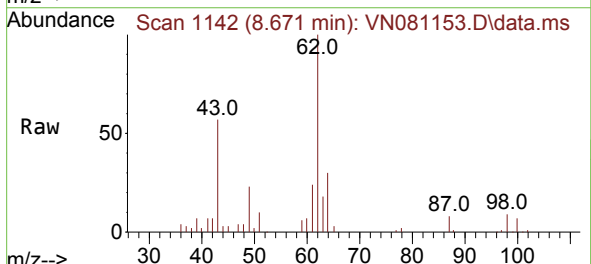
Ion	Ratio	Lower	Upper
41	100		
39	48.1	25.3	75.9
67	71.8	38.7	116.1
52	26.8	13.6	40.8

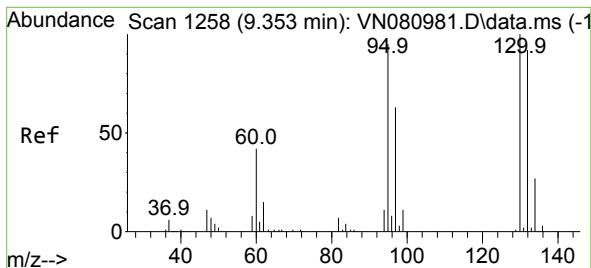


#36
1,2-Dichloroethane
Concen: 22.124 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

Tgt Ion: 62 Resp: 112545

Ion	Ratio	Lower	Upper
62	100		
98	9.7	8.2	12.4





#37

Trichloroethene

Concen: 19.307 ug/l

RT: 9.353 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081153.D

Acq: 23 Feb 2024 10:47

Instrument :

MSVOA_N

ClientSampleId :

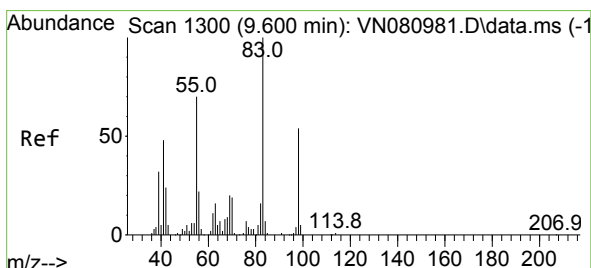
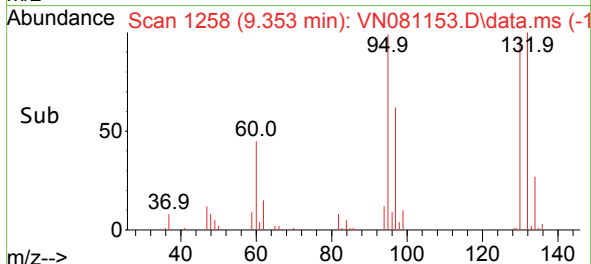
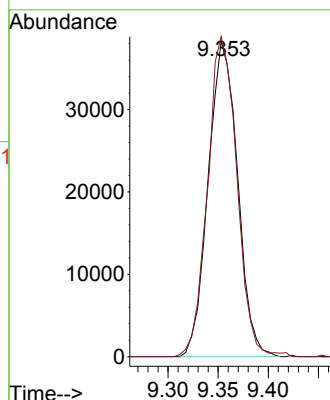
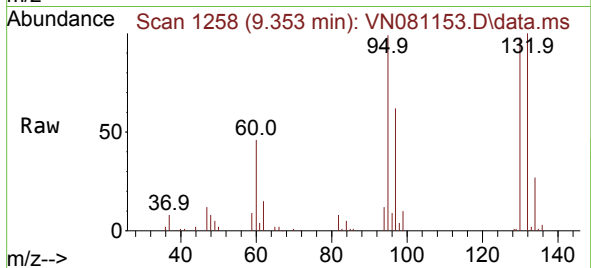
VN0223WBSD01

Tgt Ion:130 Resp: 77804

Ion Ratio Lower Upper

130 100

95 100.7 80.2 120.4



#38

Methylcyclohexane

Concen: 24.526 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.006 min

Lab File: VN081153.D

Acq: 23 Feb 2024 10:47

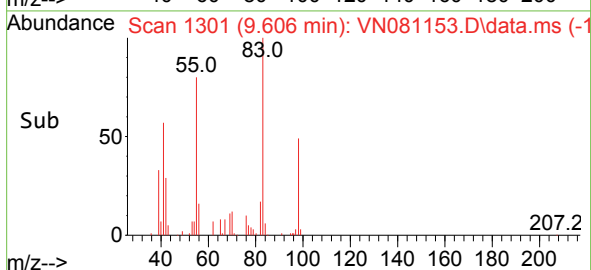
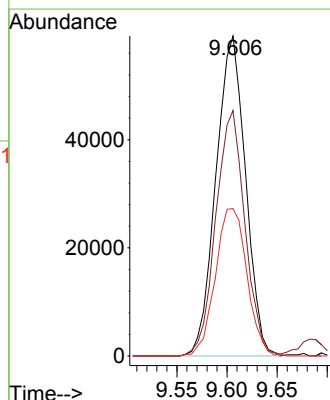
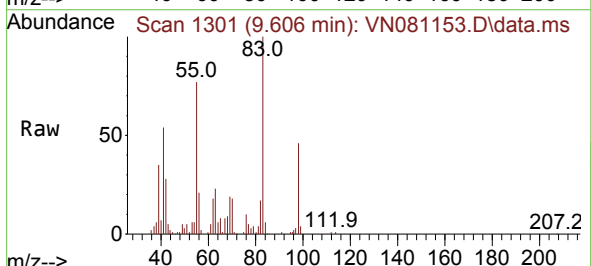
Tgt Ion: 83 Resp: 121406

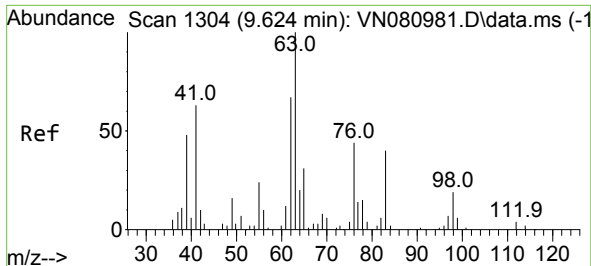
Ion Ratio Lower Upper

83 100

55 75.2 36.6 109.9

98 49.1 23.8 71.5





#39

1,2-Dichloropropane

Concen: 21.420 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081153.D

Acq: 23 Feb 2024 10:47

Instrument :

MSVOA_N

ClientSampleId :

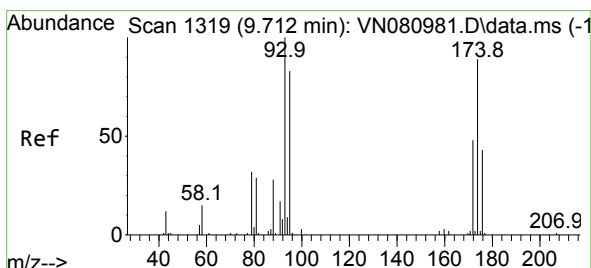
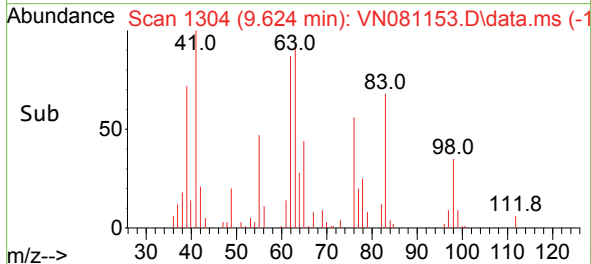
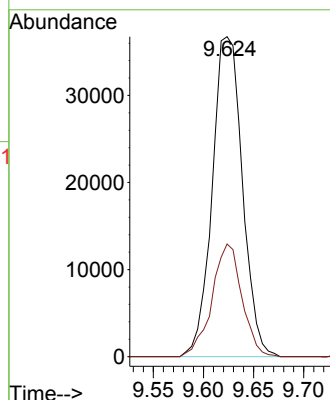
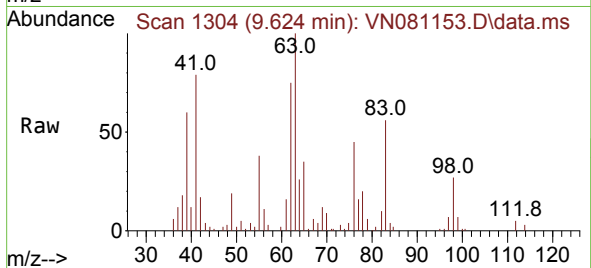
VN0223WBSD01

Tgt Ion: 63 Resp: 77009

Ion Ratio Lower Upper

63 100

65 35.2 25.0 37.4



#40

Dibromomethane

Concen: 21.017 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN081153.D

Acq: 23 Feb 2024 10:47

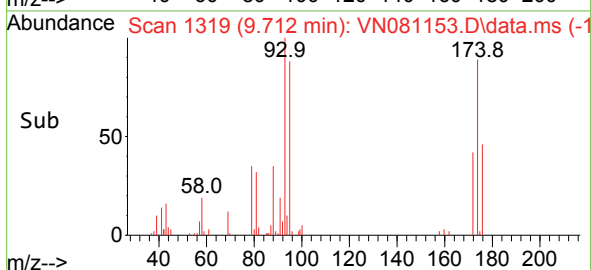
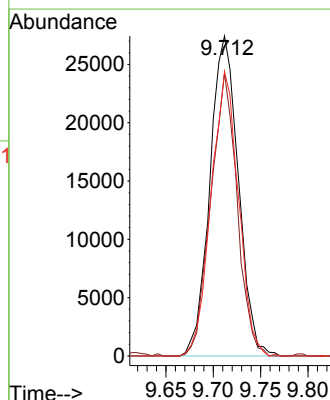
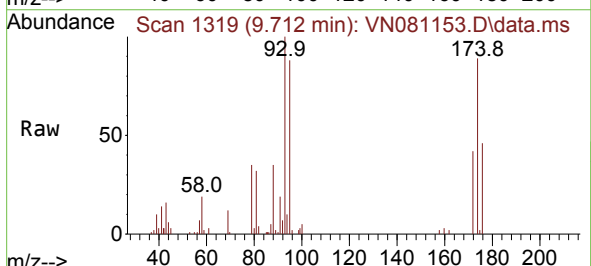
Tgt Ion: 93 Resp: 57487

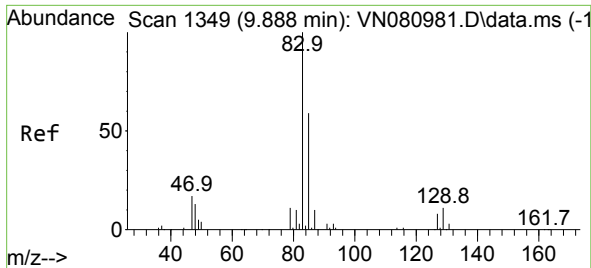
Ion Ratio Lower Upper

93 100

95 81.4 0.0 164.6

174 85.2 0.0 193.2

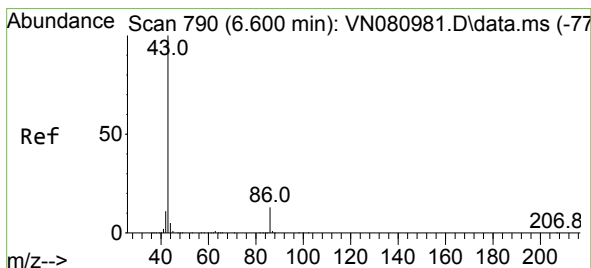
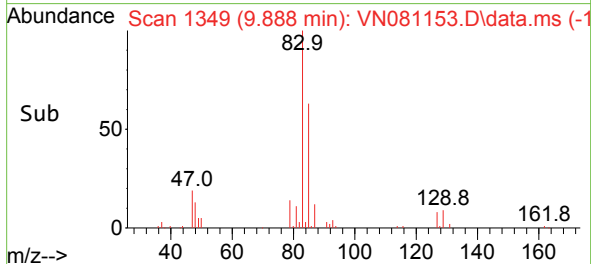
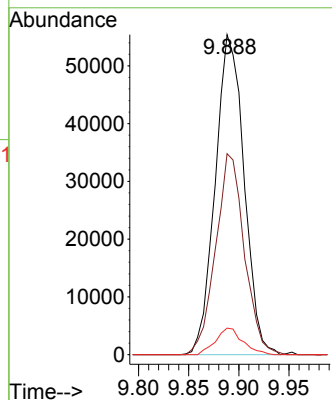
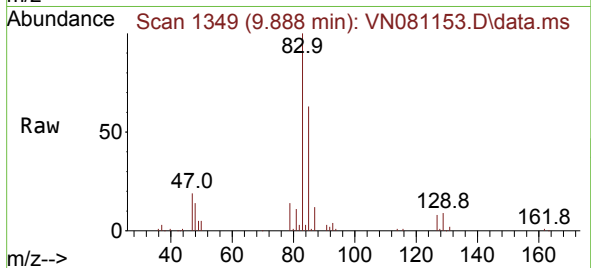




#41
Bromodichloromethane
Concen: 20.639 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

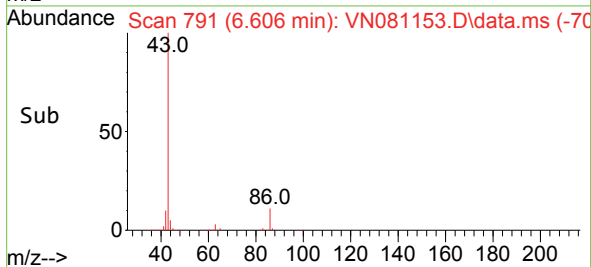
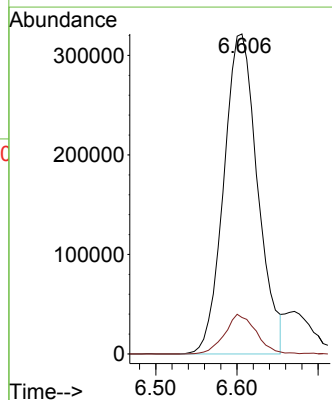
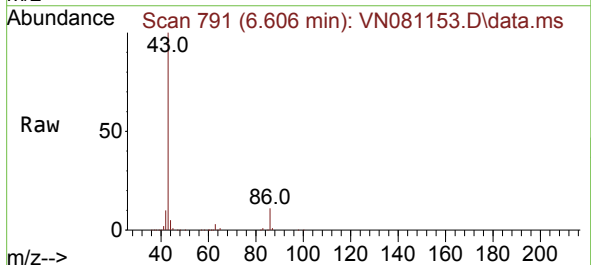
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01

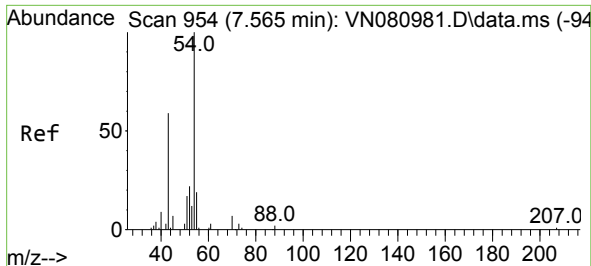
Tgt Ion: 83 Resp: 110489
Ion Ratio Lower Upper
83 100
85 62.8 49.4 74.2
127 8.3 7.3 10.9



#42
Vinyl Acetate
Concen: 119.712 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

Tgt Ion: 43 Resp: 931870
Ion Ratio Lower Upper
43 100
86 11.4 9.4 14.2

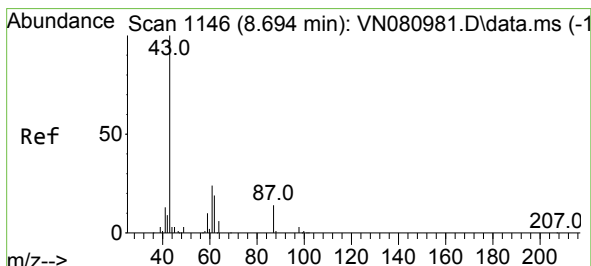
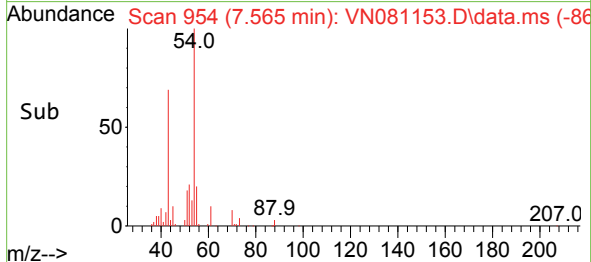
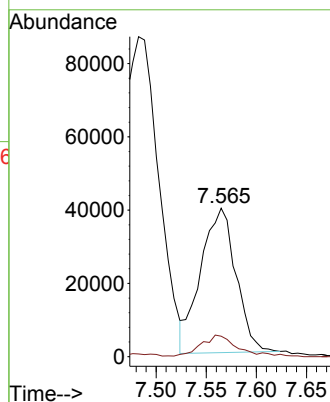
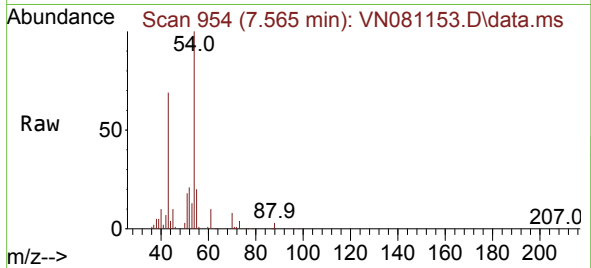




#43
Ethyl Acetate
Concen: 25.529 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

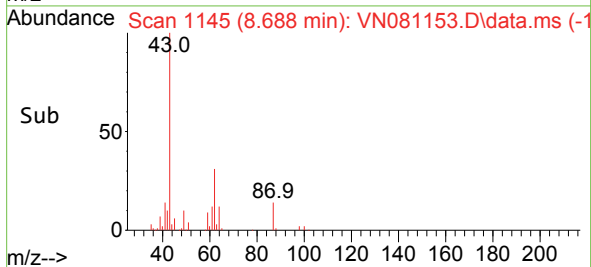
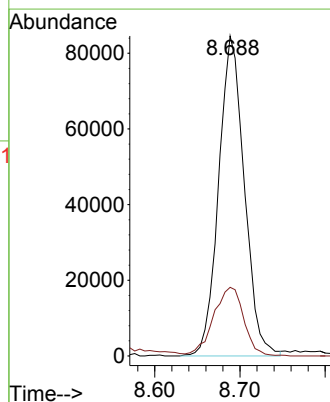
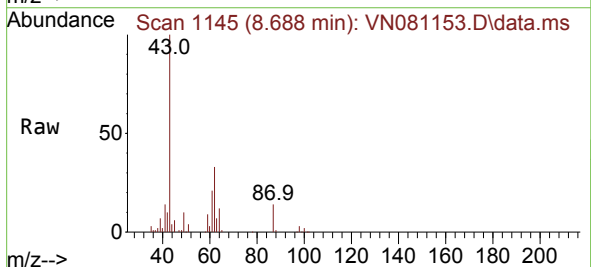
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01

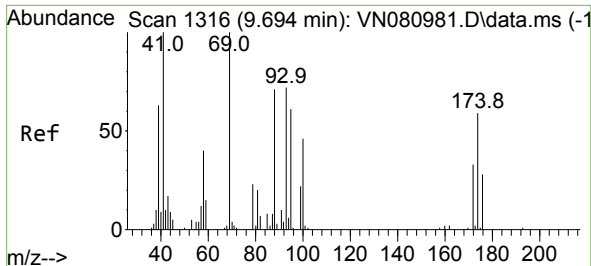
Tgt Ion: 43 Resp: 96766
Ion Ratio Lower Upper
43 100
45 14.2 10.6 15.8



#44
Isopropyl Acetate
Concen: 25.976 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

Tgt Ion: 43 Resp: 176911
Ion Ratio Lower Upper
43 100
61 24.6 25.0 37.4#

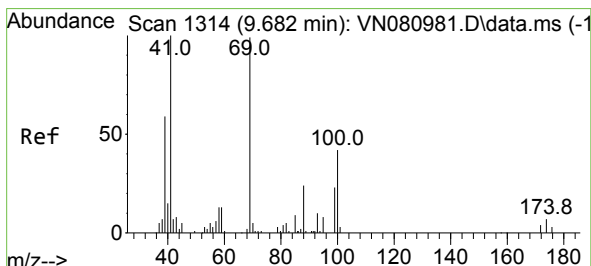
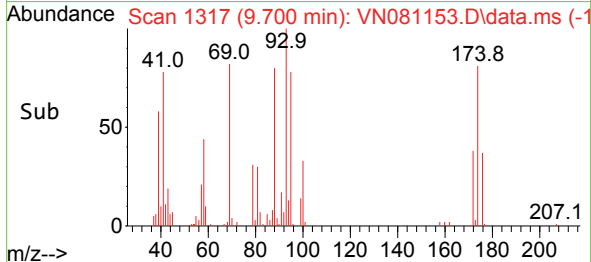
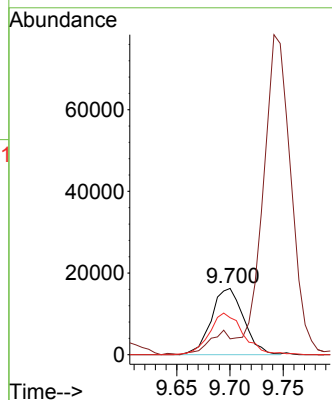
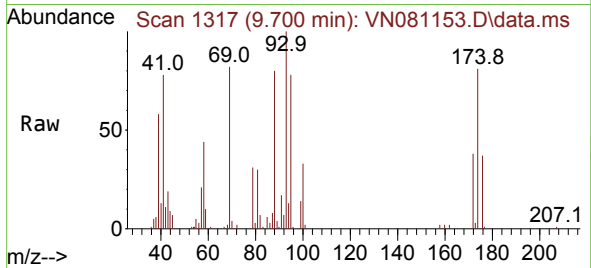




#45
1,4-Dioxane
Concen: 530.635 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

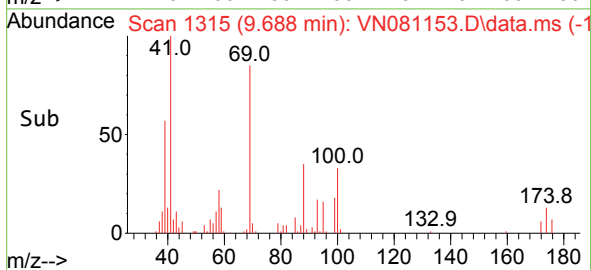
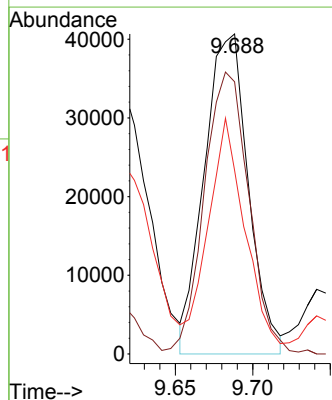
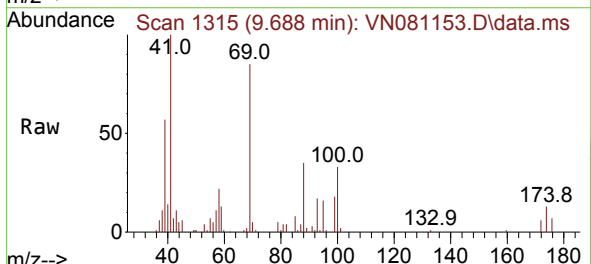
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01

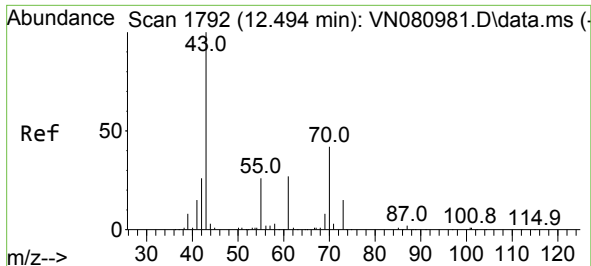
Tgt Ion: 88 Resp: 34275
Ion Ratio Lower Upper
88 100
43 23.4 19.8 29.6
58 65.9 55.4 83.0



#46
Methyl methacrylate
Concen: 25.737 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

Tgt Ion: 41 Resp: 80204
Ion Ratio Lower Upper
41 100
69 85.5 51.1 153.3
39 57.3 25.8 77.3

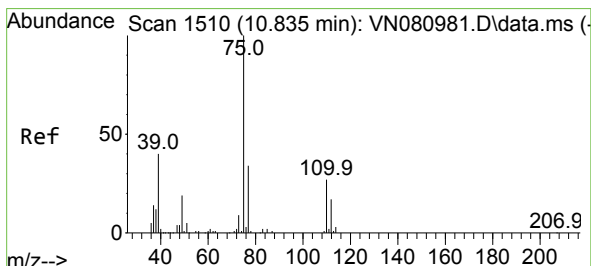
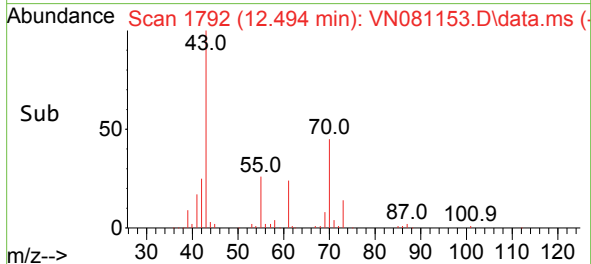
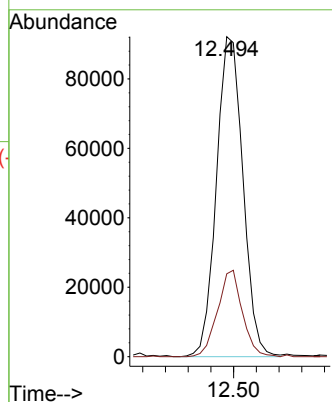
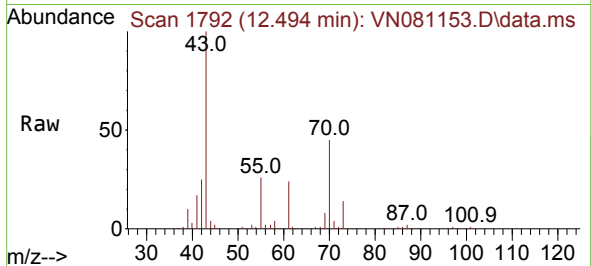




#47
n-amyl acetate
Concen: 25.167 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

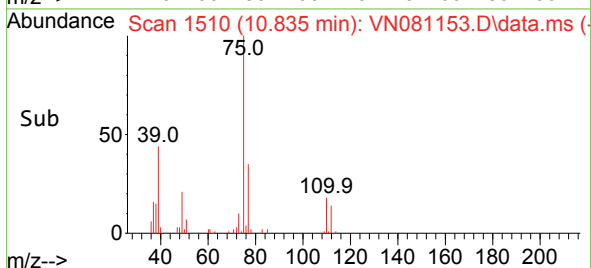
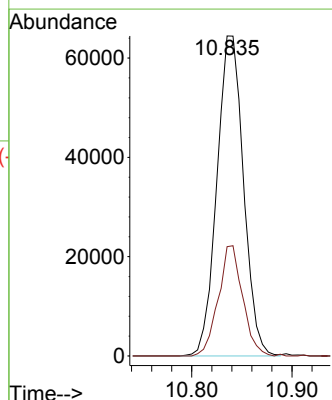
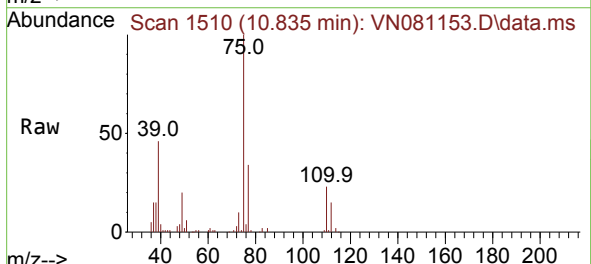
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01

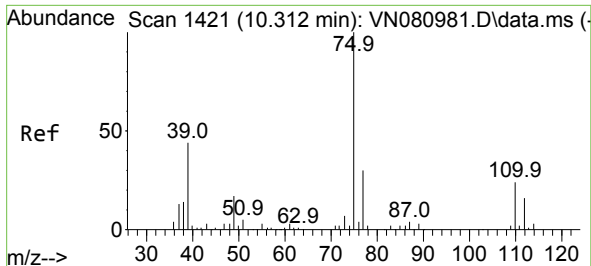
Tgt Ion: 43 Resp: 149482
Ion Ratio Lower Upper
43 100
55 25.2 23.4 35.2



#48
t-1,3-Dichloropropene
Concen: 21.165 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

Tgt Ion: 75 Resp: 118746
Ion Ratio Lower Upper
75 100
77 34.1 23.8 35.6

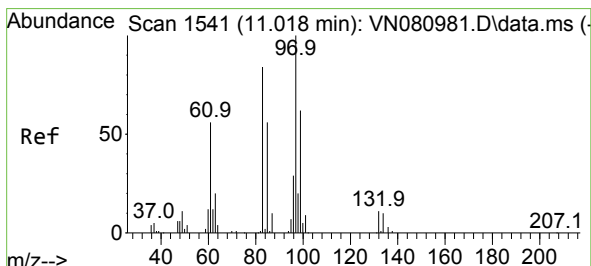
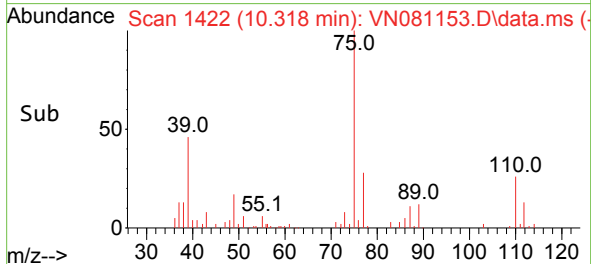
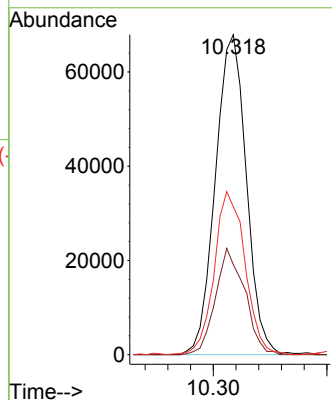
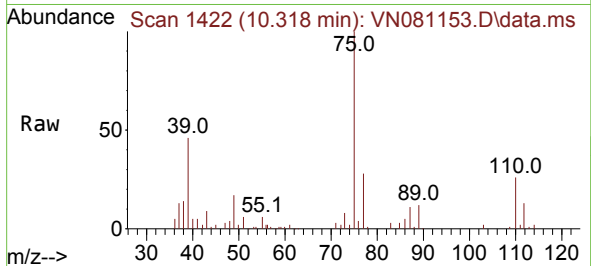




#49
 cis-1,3-Dichloropropene
 Concen: 21.092 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VN081153.D
 Acq: 23 Feb 2024 10:47

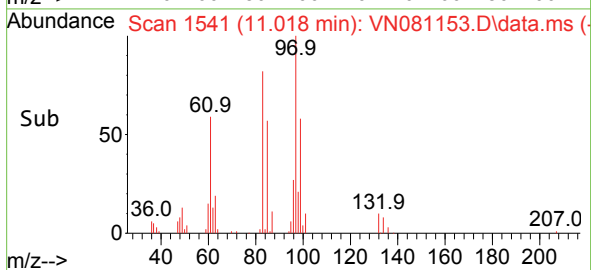
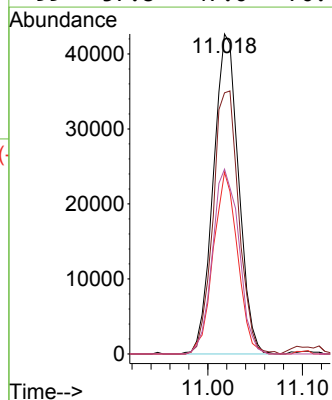
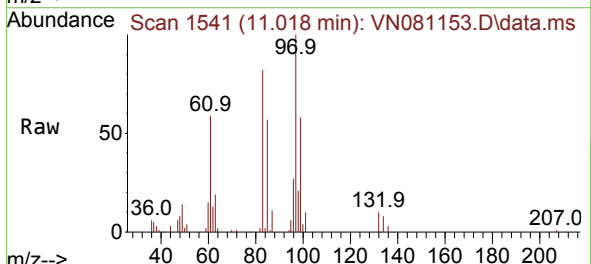
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0223WBSD01

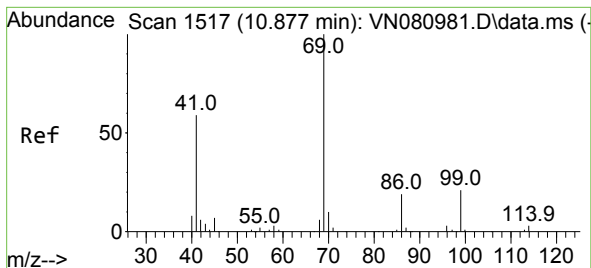
Tgt Ion: 75 Resp: 128225
 Ion Ratio Lower Upper
 75 100
 77 28.2 24.9 37.3
 39 45.8 31.0 46.6



#50
 1,1,2-Trichloroethane
 Concen: 20.914 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN081153.D
 Acq: 23 Feb 2024 10:47

Tgt Ion: 97 Resp: 79153
 Ion Ratio Lower Upper
 97 100
 83 81.6 68.1 102.1
 85 56.8 41.8 62.6
 99 57.8 47.0 70.4

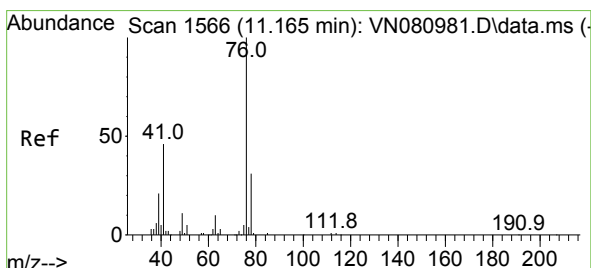
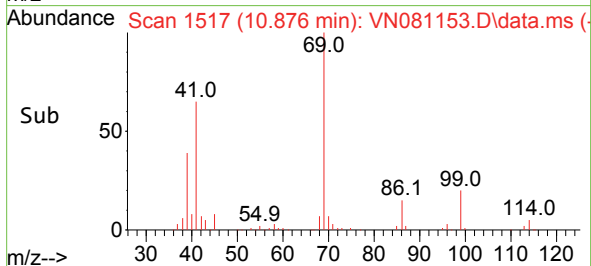
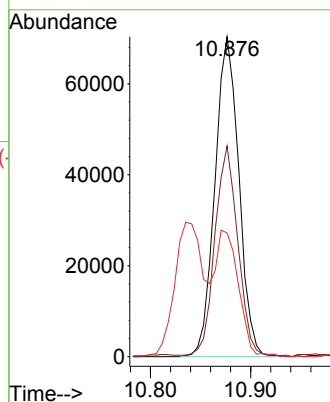
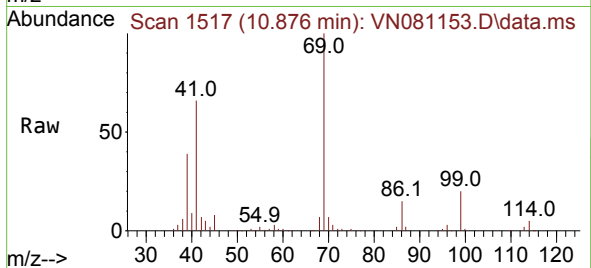




#51
Ethyl methacrylate
Concen: 22.055 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

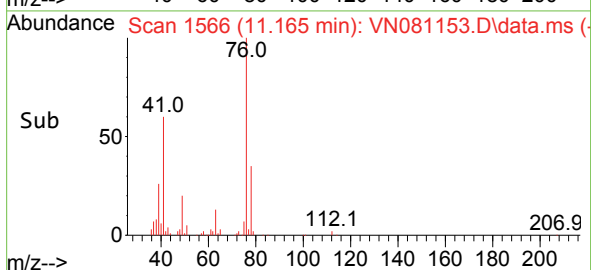
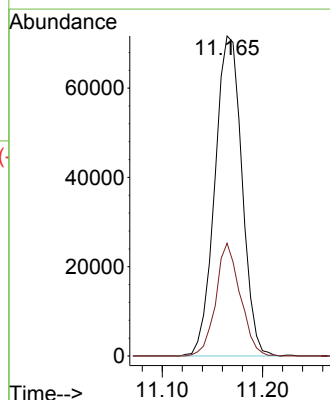
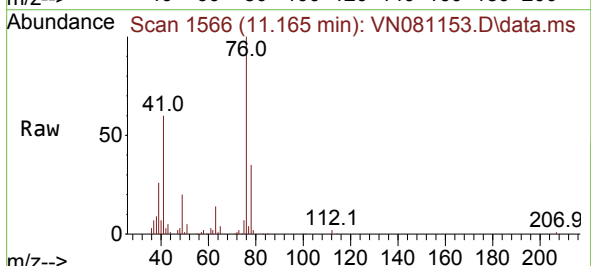
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01

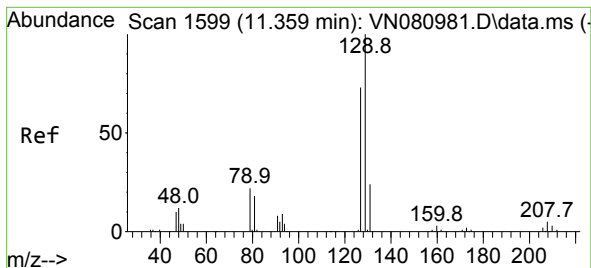
Tgt Ion: 69 Resp: 116662
Ion Ratio Lower Upper
69 100
41 65.5 25.5 76.5
39 38.6 16.0 47.9



#52
1,3-Dichloropropane
Concen: 21.512 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

Tgt Ion: 76 Resp: 134452
Ion Ratio Lower Upper
76 100
78 31.8 0.0 65.8





#53

Dibromochloromethane

Concen: 19.122 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VN081153.D

Acq: 23 Feb 2024 10:47

Instrument :

MSVOA_N

ClientSampleId :

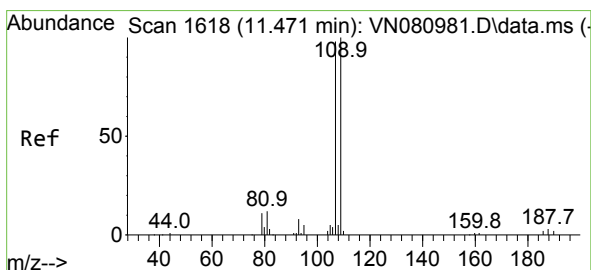
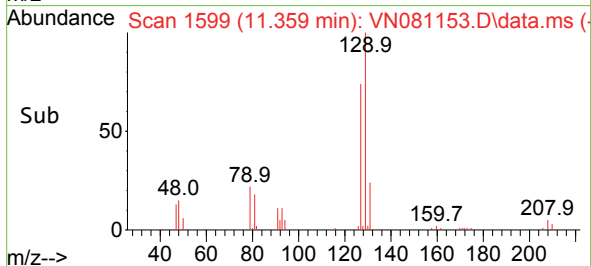
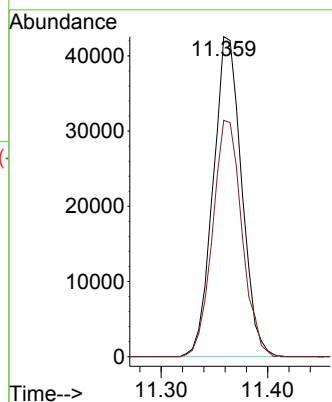
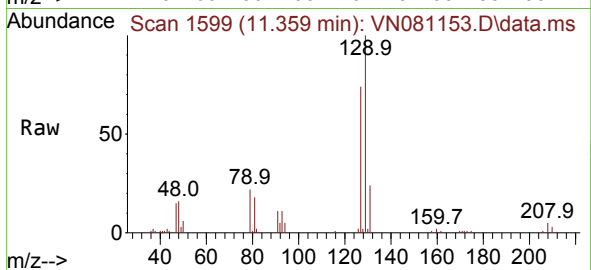
VN0223WBSD01

Tgt Ion:129 Resp: 78883

Ion Ratio Lower Upper

129 100

127 76.1 39.4 118.1



#54

1,2-Dibromoethane

Concen: 20.579 ug/l

RT: 11.470 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VN081153.D

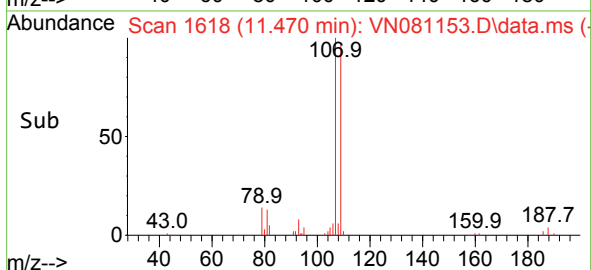
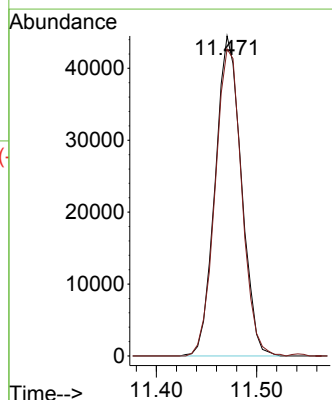
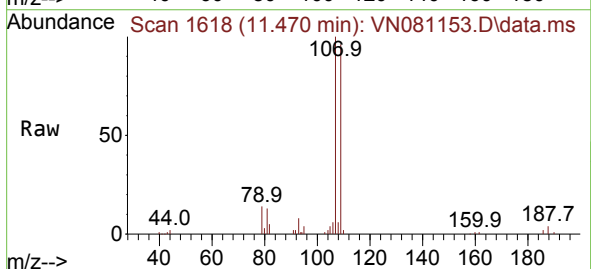
Acq: 23 Feb 2024 10:47

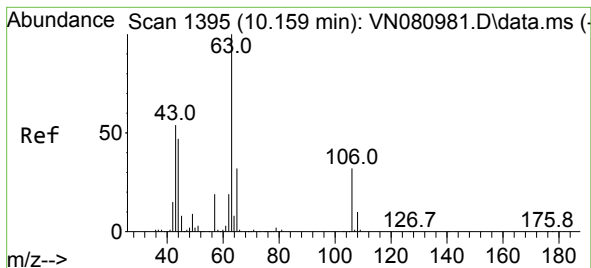
Tgt Ion:107 Resp: 80577

Ion Ratio Lower Upper

107 100

109 97.5 74.7 112.1

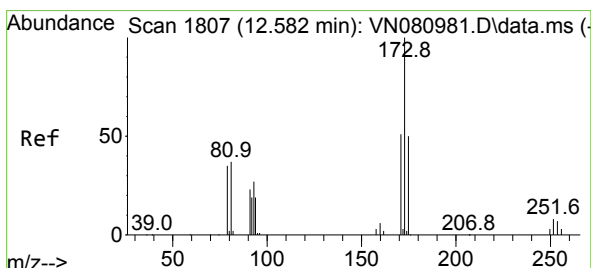
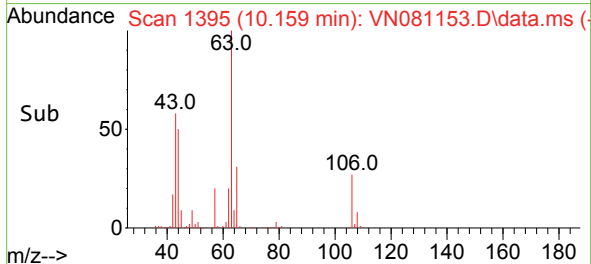
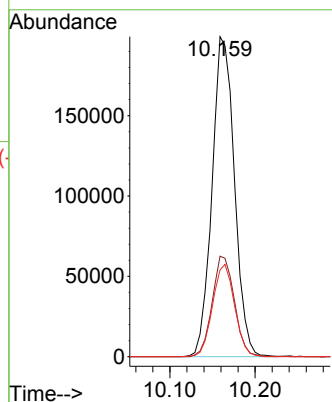
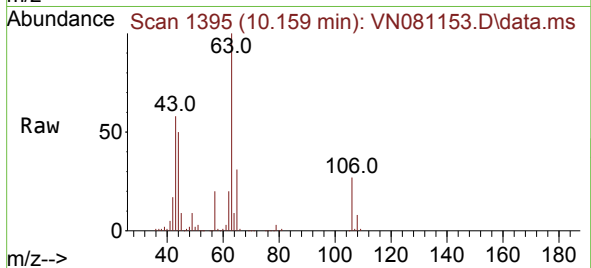




#55
2-Chloroethyl vinyl ether
Concen: 134.038 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

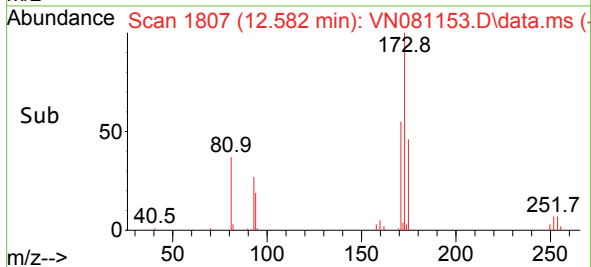
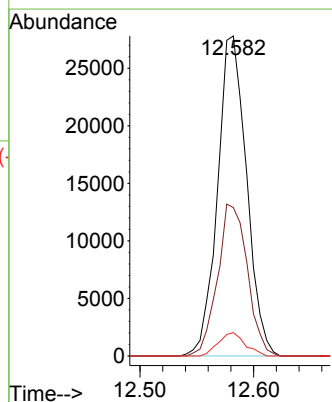
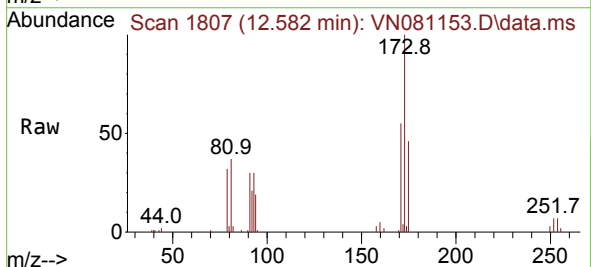
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01

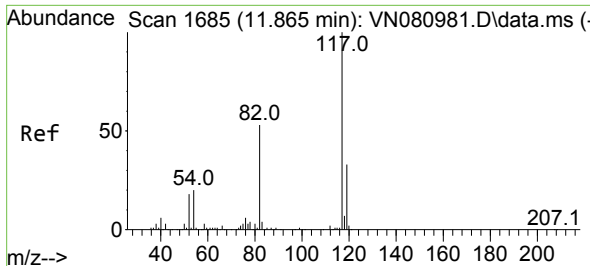
Tgt Ion: 63 Resp: 363346
Ion Ratio Lower Upper
63 100
65 31.0 26.2 39.2
106 28.4 23.8 35.8



#56
Bromoform
Concen: 18.808 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

Tgt Ion: 173 Resp: 49413
Ion Ratio Lower Upper
173 100
175 48.6 40.0 60.0
254 6.7 8.3 12.5#

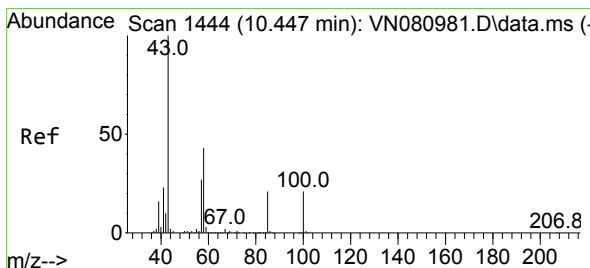
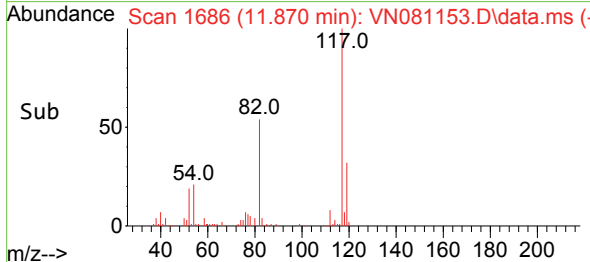
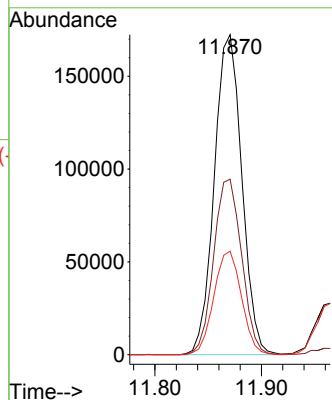
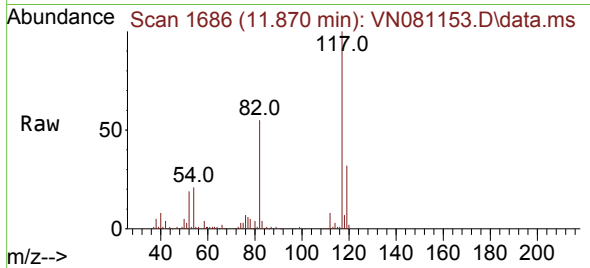




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

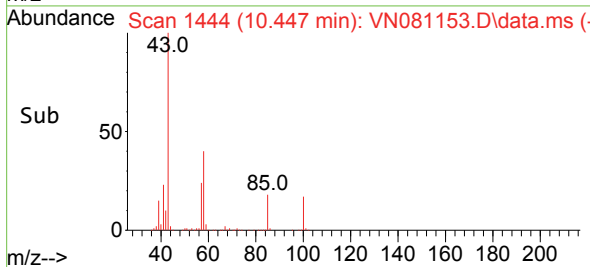
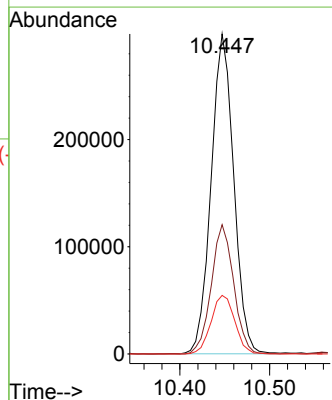
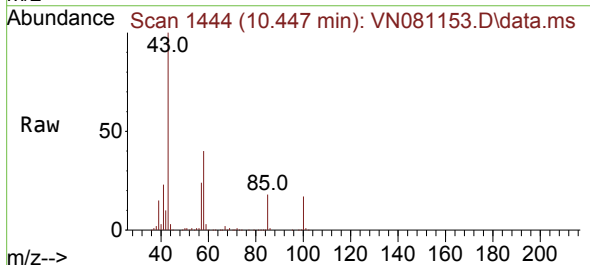
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01

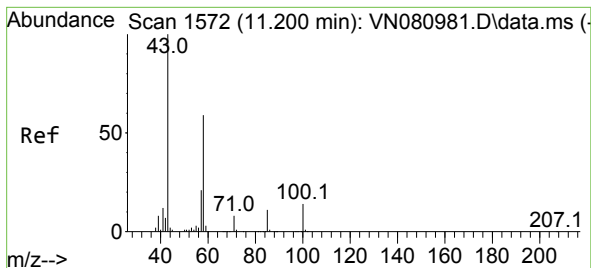
Tgt Ion:117 Resp: 309692
Ion Ratio Lower Upper
117 100
82 55.6 46.6 69.8
119 32.4 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 130.069 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

Tgt Ion: 43 Resp: 522965
Ion Ratio Lower Upper
43 100
58 40.1 36.5 54.7
85 19.1 19.5 29.3#

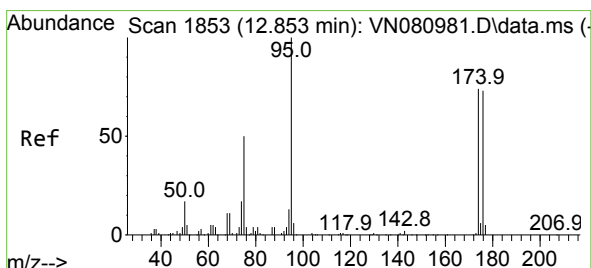
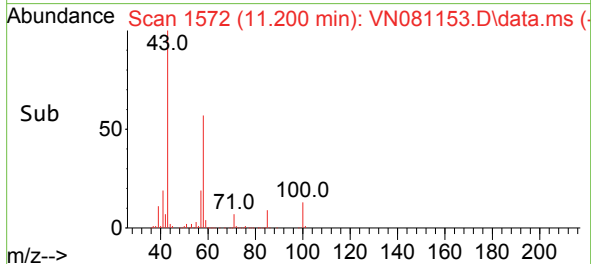
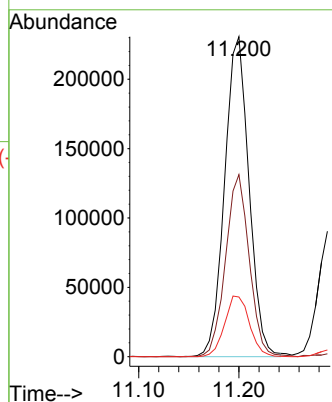
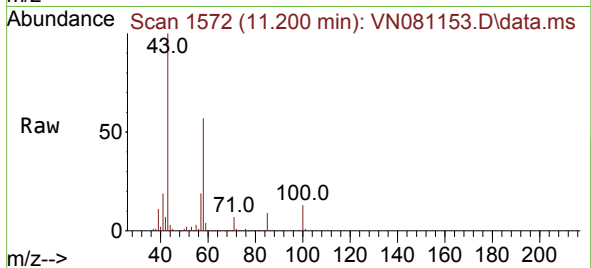




#59
2-Hexanone
Concen: 131.347 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

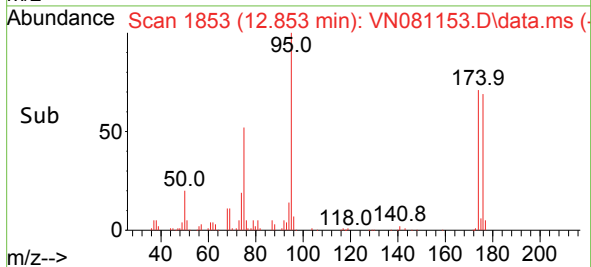
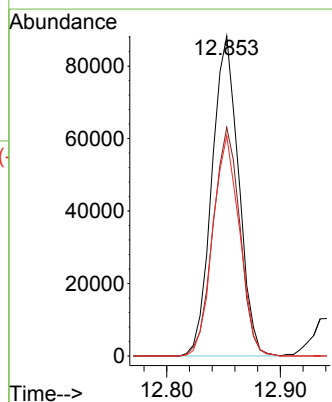
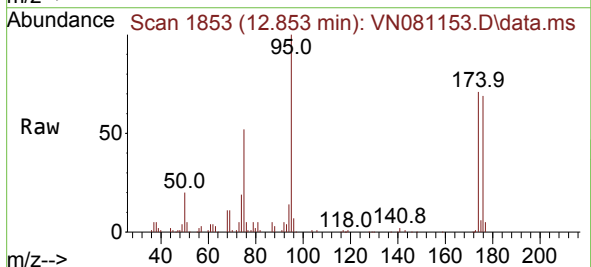
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01

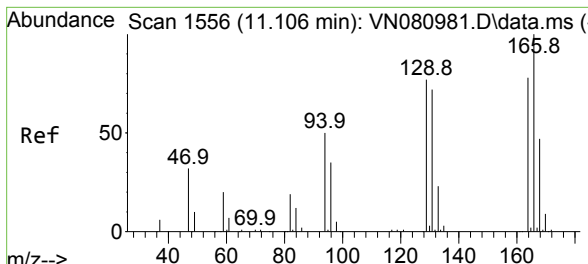
Tgt Ion: 43 Resp: 388419
Ion Ratio Lower Upper
43 100
58 55.4 50.4 75.6
57 19.4 18.6 27.8



#60
4-Bromofluorobenzene
Concen: 30.513 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

Tgt Ion: 95 Resp: 144464
Ion Ratio Lower Upper
95 100
174 71.9 60.5 90.7
176 69.0 57.8 86.6



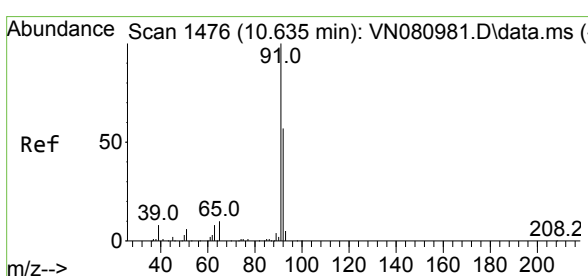
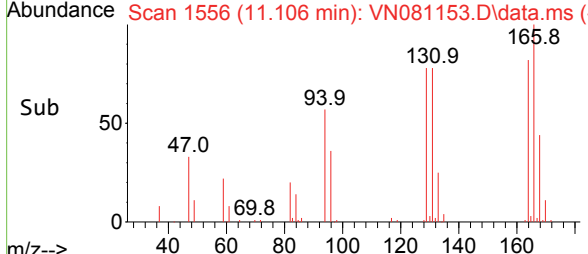
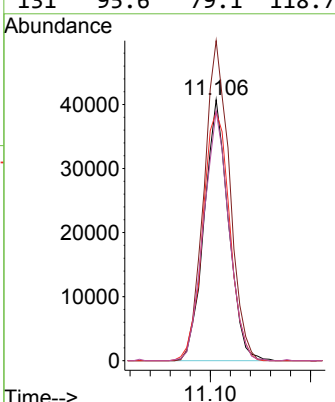
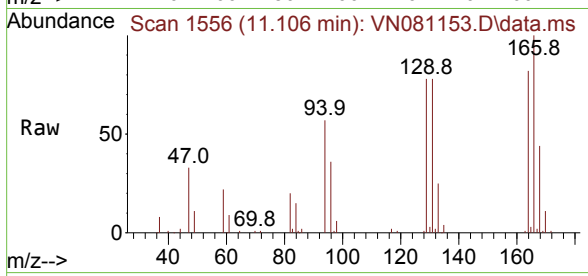


#61
 Tetrachloroethene
 Concen: 19.363 ug/l
 RT: 11.106 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN081153.D
 Acq: 23 Feb 2024 10:47

Instrument : MSVOA_N
 ClientSampleId : VN0223WBSD01

Tgt Ion:164 Resp: 68499

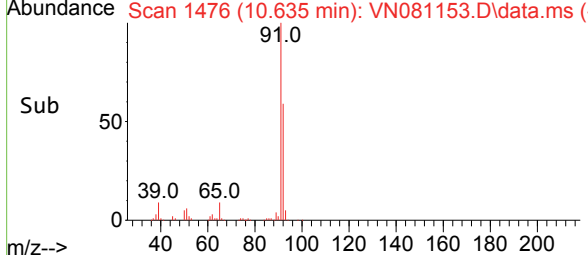
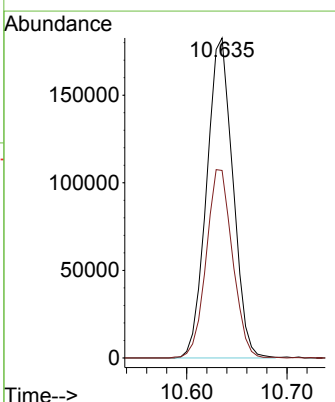
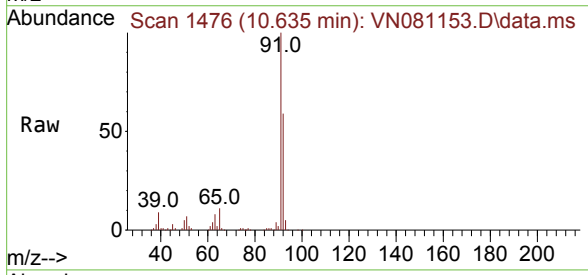
Ion	Ratio	Lower	Upper
164	100		
166	122.6	106.7	160.1
129	95.4	85.8	128.6
131	95.6	79.1	118.7

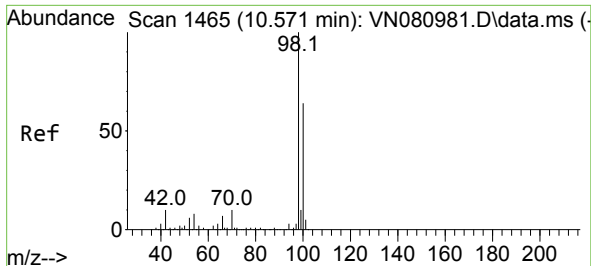


#62
 Toluene
 Concen: 19.556 ug/l
 RT: 10.635 min Scan# 1476
 Delta R.T. -0.000 min
 Lab File: VN081153.D
 Acq: 23 Feb 2024 10:47

Tgt Ion: 91 Resp: 331757

Ion	Ratio	Lower	Upper
91	100		
92	59.0	46.5	69.7

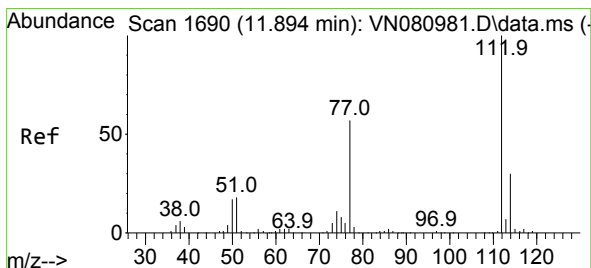
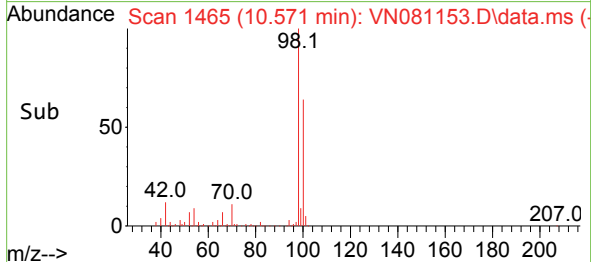
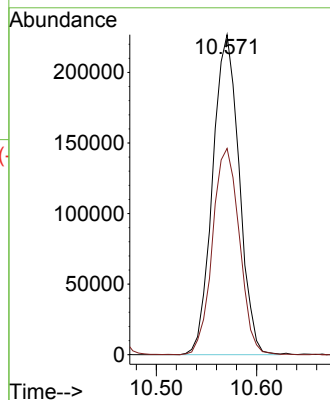
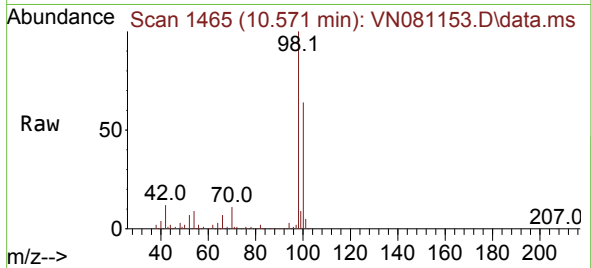




#63
Toluene-d8
Concen: 30.006 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

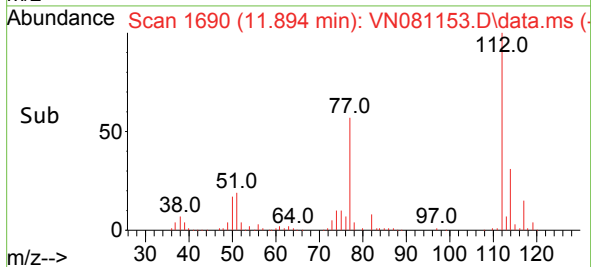
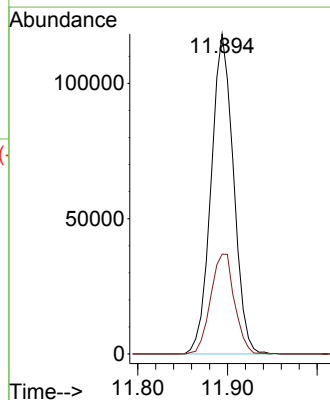
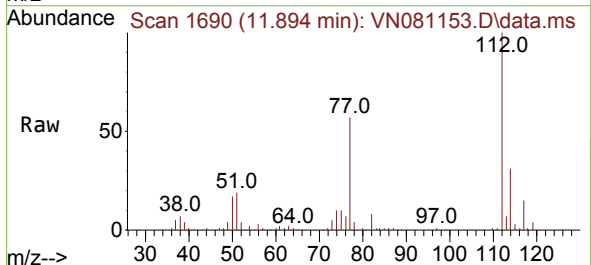
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01

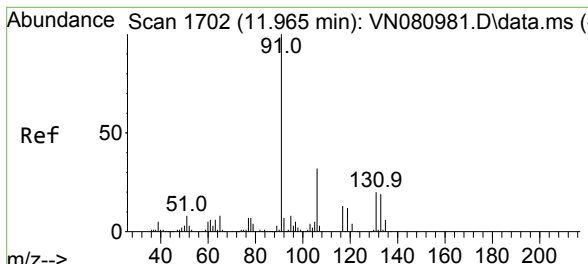
Tgt Ion: 98 Resp: 417026
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1



#64
Chlorobenzene
Concen: 19.722 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

Tgt Ion: 112 Resp: 204910
Ion Ratio Lower Upper
112 100
114 31.2 26.6 39.8

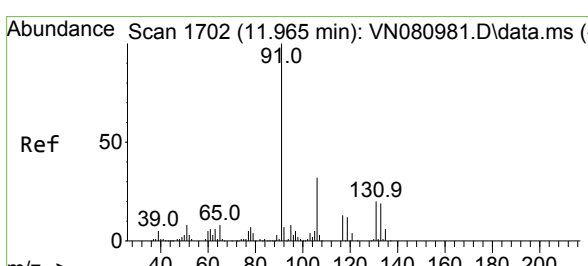
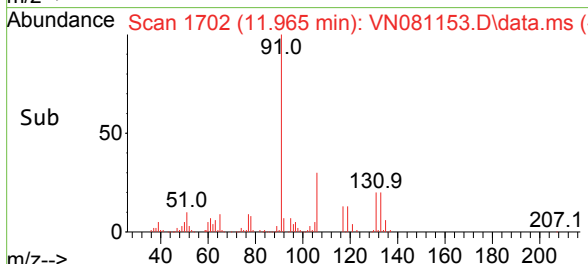
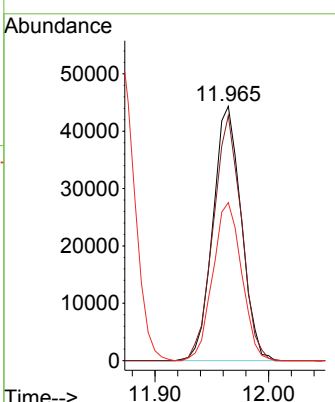
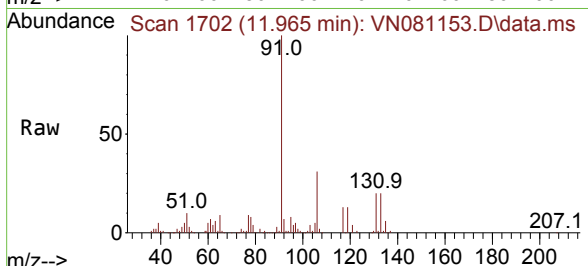




#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.962 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. -0.000 min
 Lab File: VN081153.D
 Acq: 23 Feb 2024 10:47

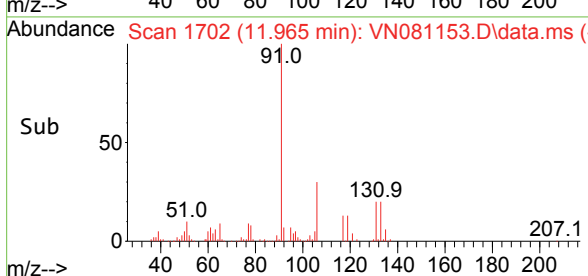
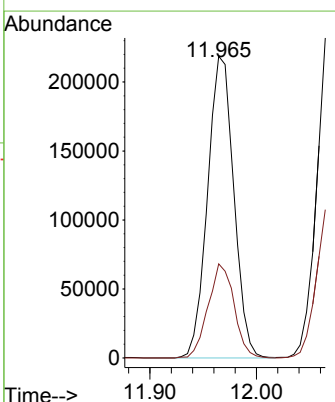
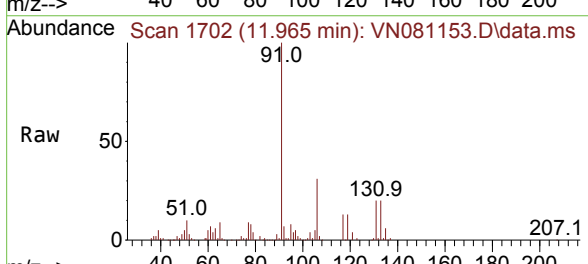
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0223WBSD01

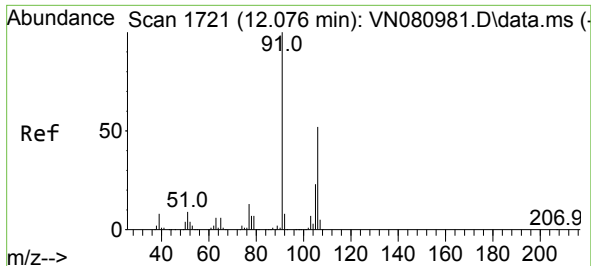
Tgt Ion:	131	Resp:	76936
Ion Ratio	Lower	Upper	
131	100		
133	96.0	0.0	188.0
119	63.3	0.0	122.8



#66
 Ethyl Benzene
 Concen: 20.955 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. -0.000 min
 Lab File: VN081153.D
 Acq: 23 Feb 2024 10:47

Tgt Ion:	91	Resp:	373782
Ion Ratio	Lower	Upper	
91	100		
106	31.2	24.4	36.6

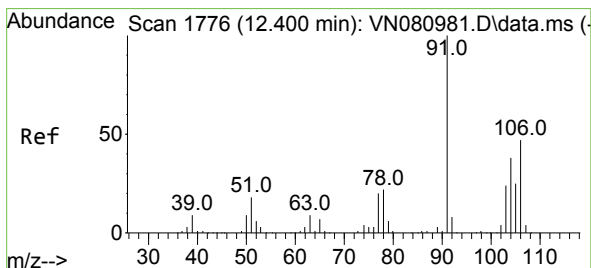
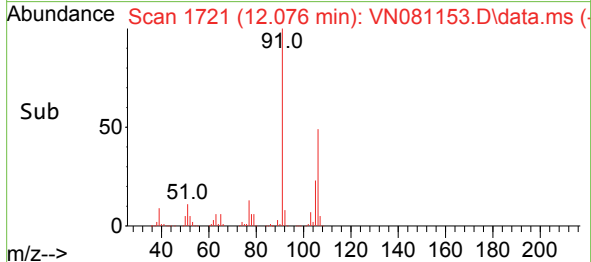
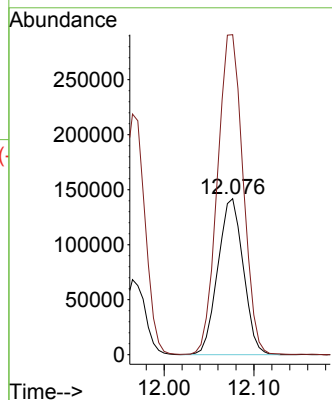
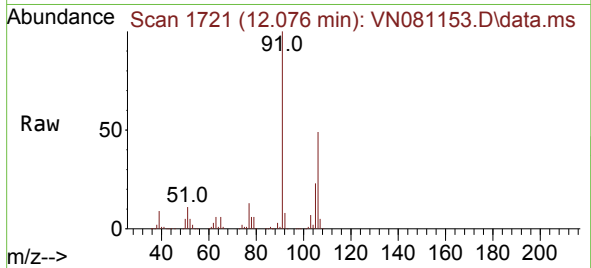




#67
m/p-Xylenes
Concen: 39.857 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

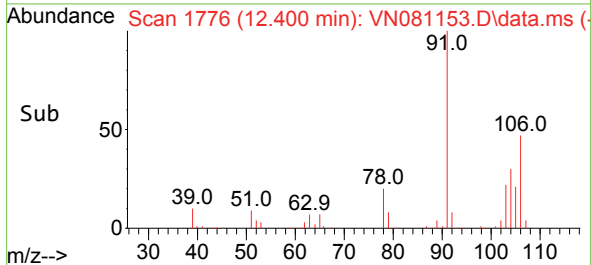
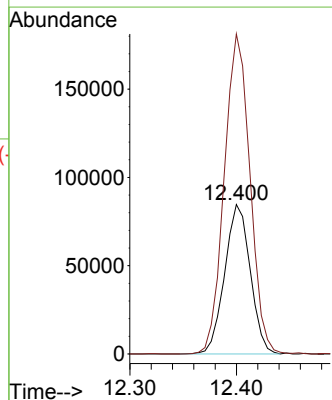
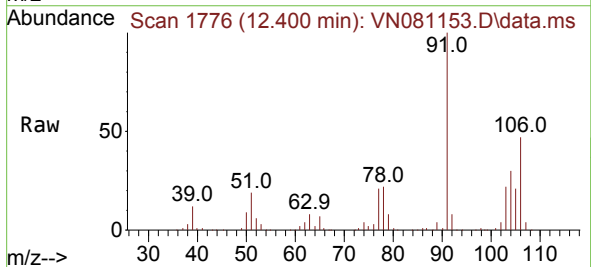
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01

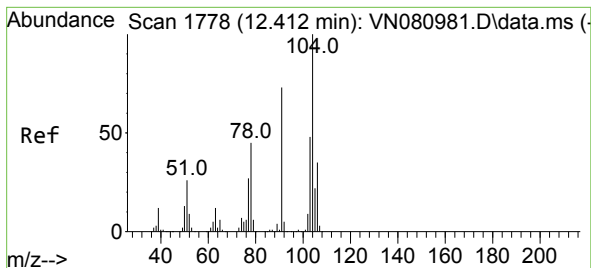
Tgt Ion:106 Resp: 279193
Ion Ratio Lower Upper
106 100
91 206.6 166.6 249.8



#68
o-Xylene
Concen: 20.555 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

Tgt Ion:106 Resp: 141104
Ion Ratio Lower Upper
106 100
91 215.4 110.0 330.0





#69

Styrene

Concen: 19.502 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN081153.D

Acq: 23 Feb 2024 10:47

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBSD01

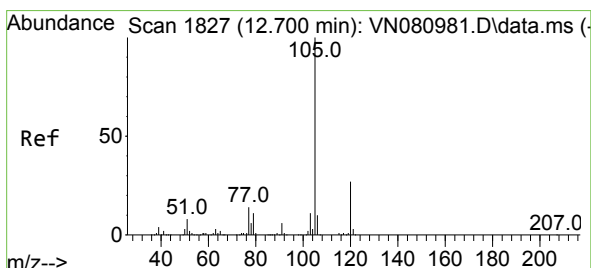
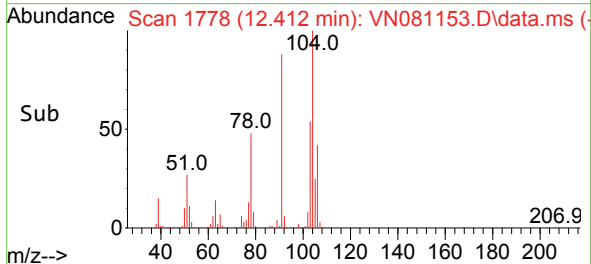
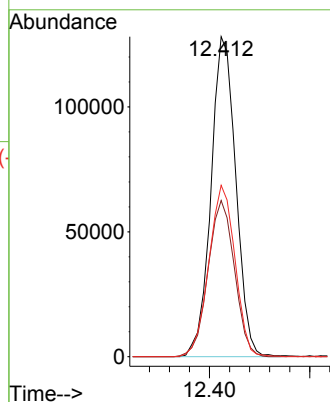
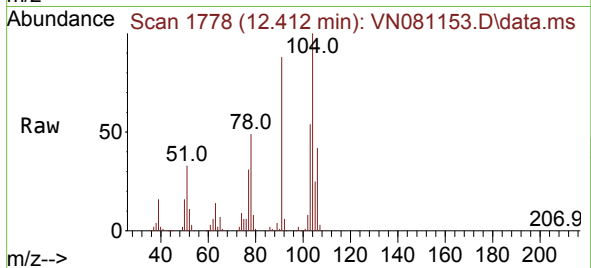
Tgt Ion:104 Resp: 220405

Ion Ratio Lower Upper

104 100

78 51.9 42.6 64.0

103 56.5 43.7 65.5



#70

Isopropylbenzene

Concen: 21.522 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN081153.D

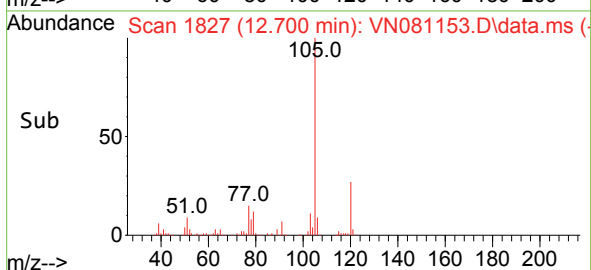
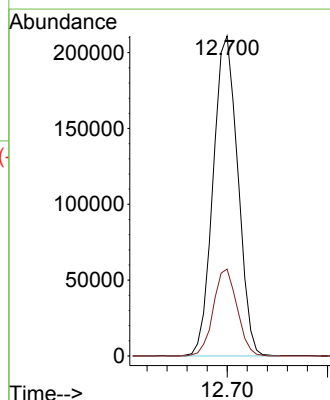
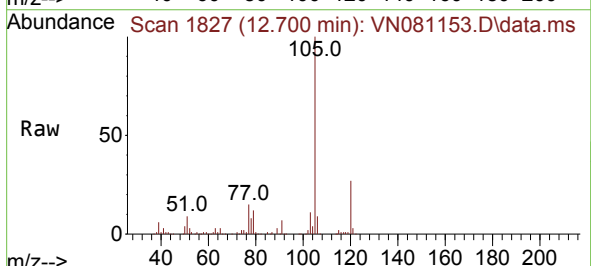
Acq: 23 Feb 2024 10:47

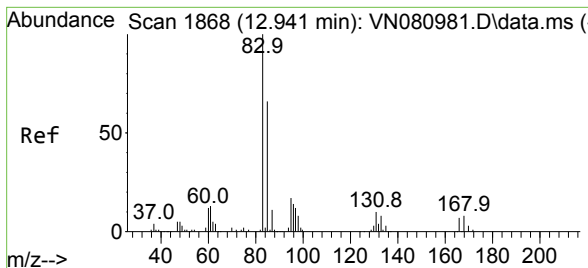
Tgt Ion:105 Resp: 360057

Ion Ratio Lower Upper

105 100

120 26.2 17.8 33.1

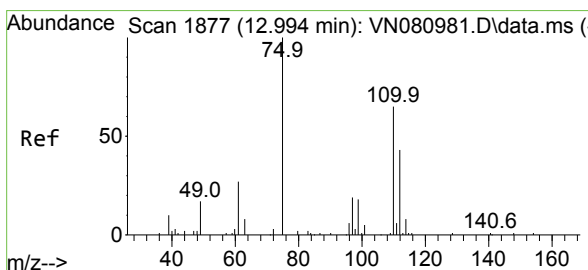
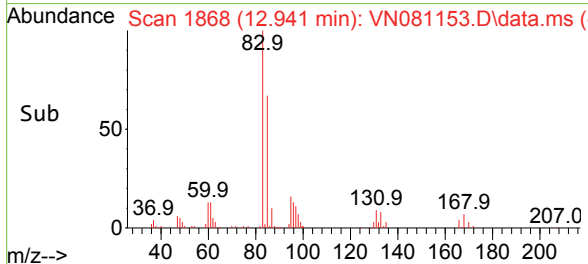
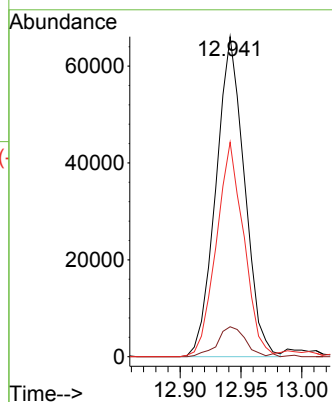
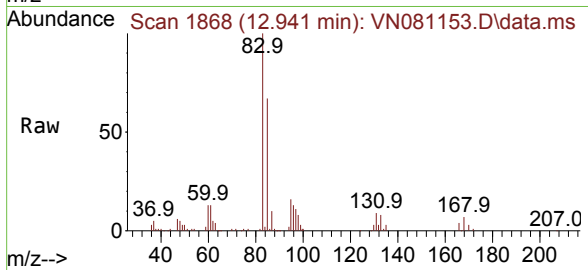




#71
1,1,2,2-Tetrachloroethane
Concen: 20.918 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

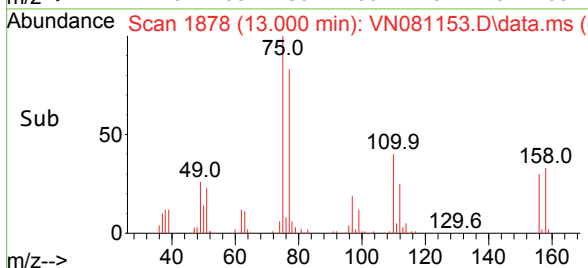
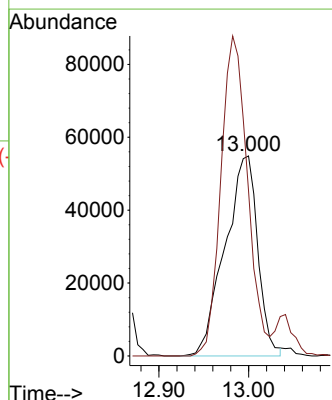
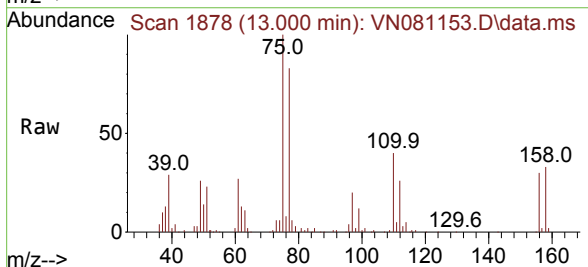
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01

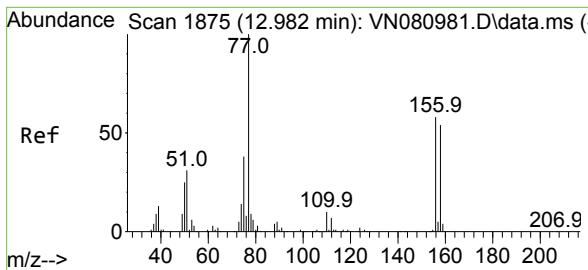
Tgt Ion: 83 Resp: 107908
Ion Ratio Lower Upper
83 100
131 9.3 5.2 15.6
85 64.5 32.3 96.8



#72
1,2,3-Trichloropropane
Concen: 34.374 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

Tgt Ion: 75 Resp: 138813
Ion Ratio Lower Upper
75 100
77 130.8 0.0 367.6





#73

Bromobenzene

Concen: 19.538 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN081153.D

Acq: 23 Feb 2024 10:47

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBSD01

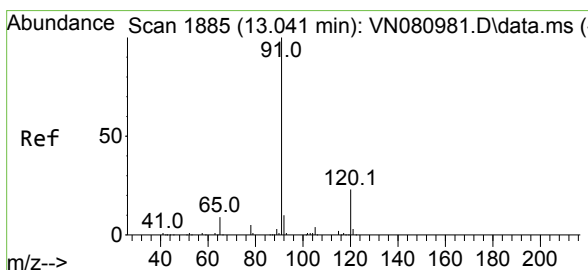
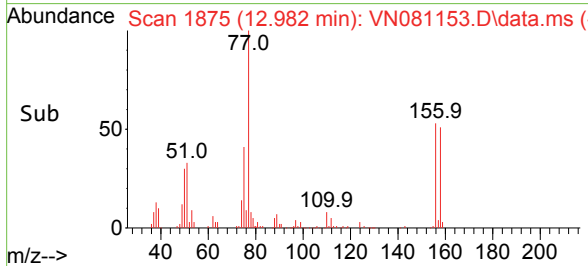
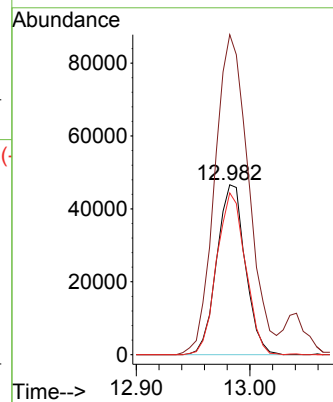
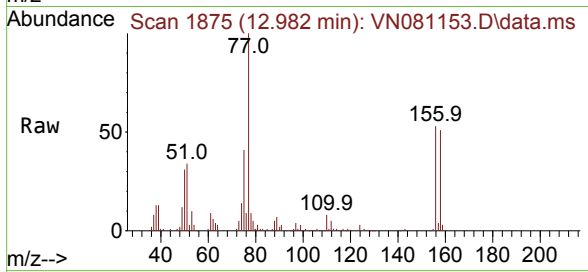
Tgt Ion:156 Resp: 81283

Ion Ratio Lower Upper

156 100

77 223.3 0.0 437.6

158 95.9 0.0 203.8



#74

n-propylbenzene

Concen: 22.519 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VN081153.D

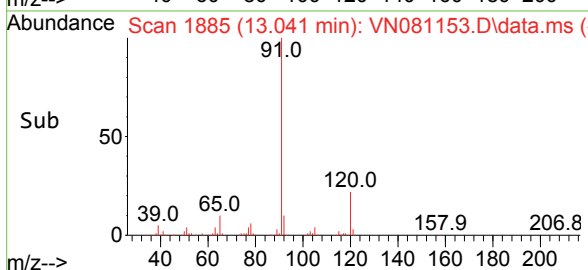
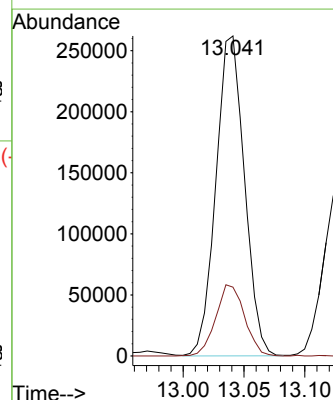
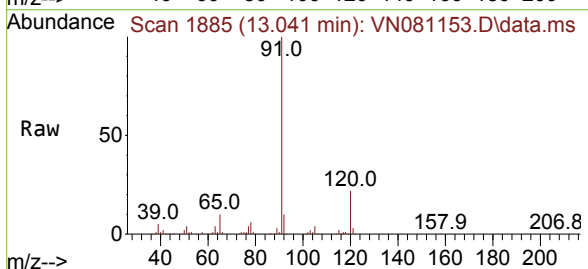
Acq: 23 Feb 2024 10:47

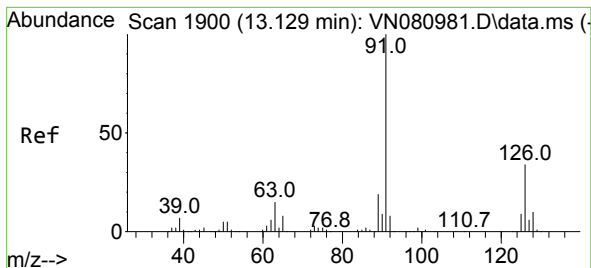
Tgt Ion: 91 Resp: 428161

Ion Ratio Lower Upper

91 100

120 22.4 0.0 43.8





#75

2-Chlorotoluene

Concen: 21.604 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VN081153.D

Acq: 23 Feb 2024 10:47

Instrument :

MSVOA_N

ClientSampleId :

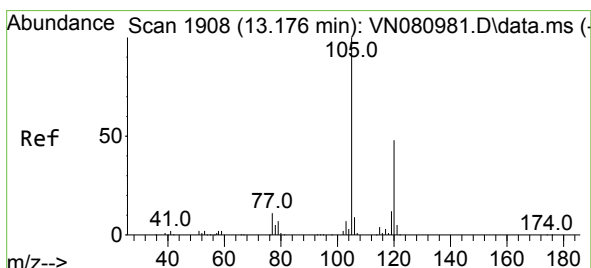
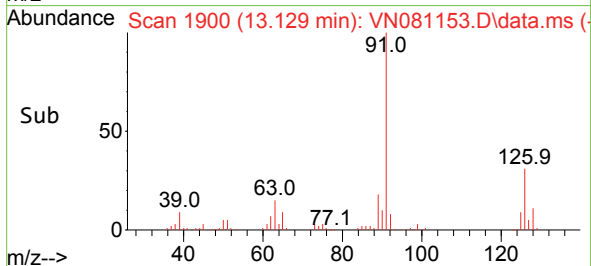
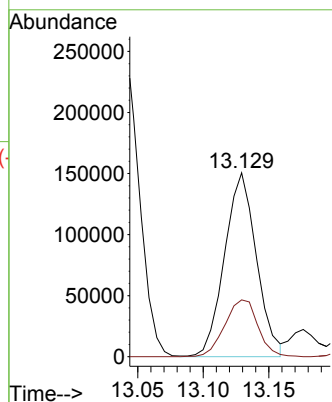
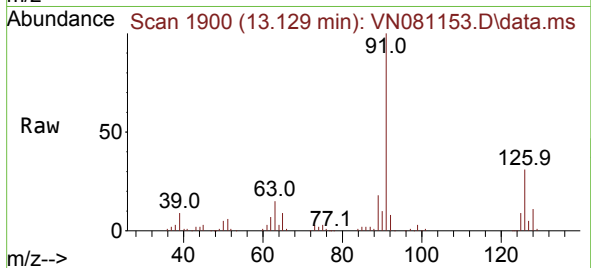
VN0223WBSD01

Tgt Ion: 91 Resp: 254990

Ion Ratio Lower Upper

91 100

126 32.1 0.0 61.2



#76

1,3,5-Trimethylbenzene

Concen: 22.215 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN081153.D

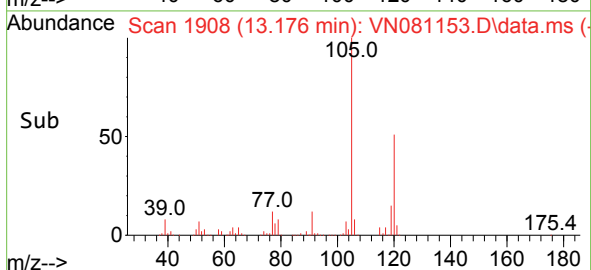
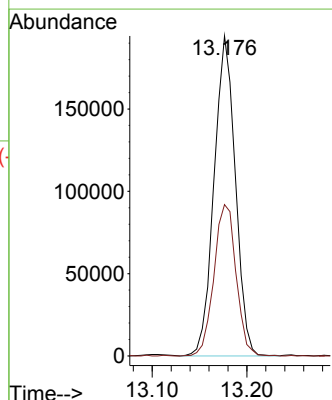
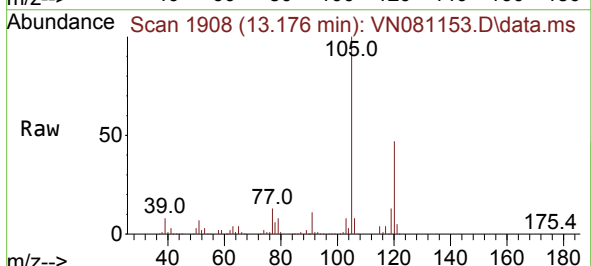
Acq: 23 Feb 2024 10:47

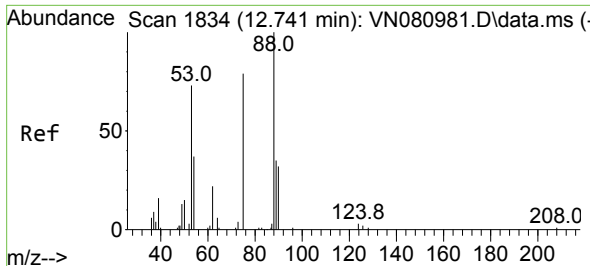
Tgt Ion: 105 Resp: 304090

Ion Ratio Lower Upper

105 100

120 49.2 0.0 95.8

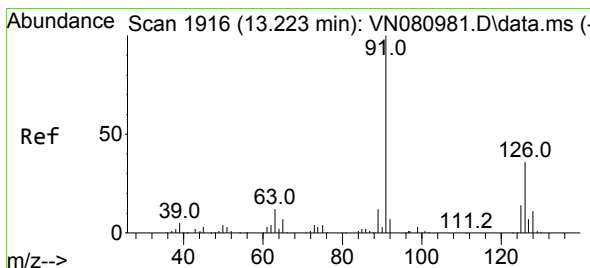
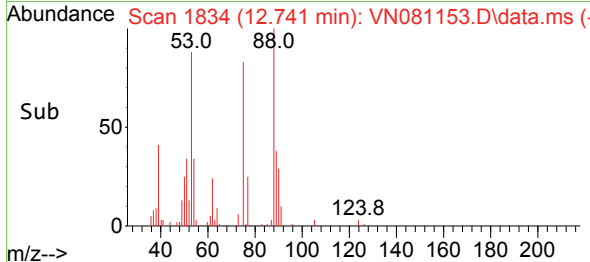
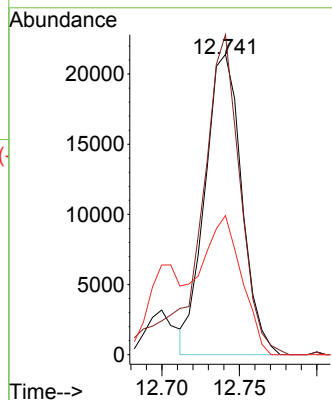
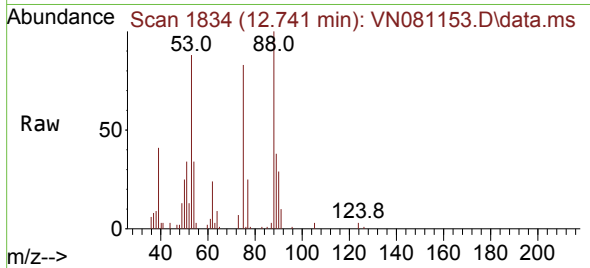




#77
t-1,4-Dichloro-2-butene
Concen: 23.095 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

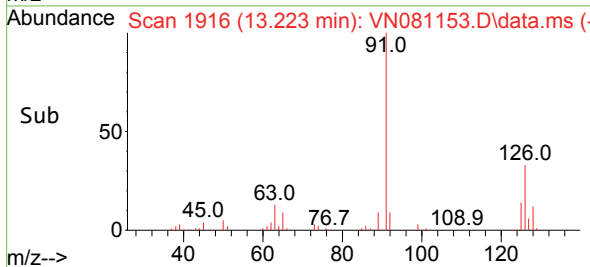
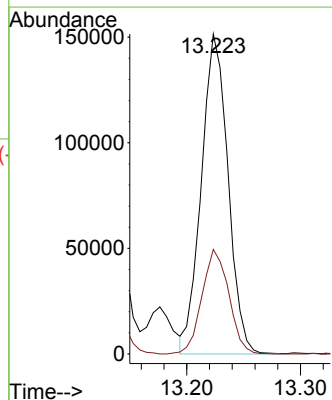
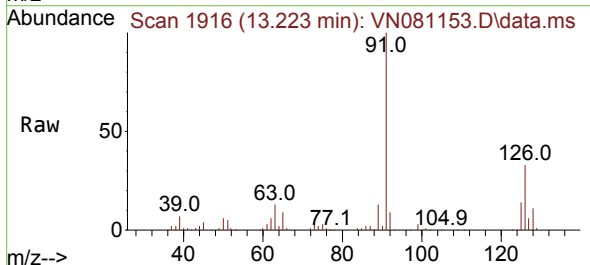
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01

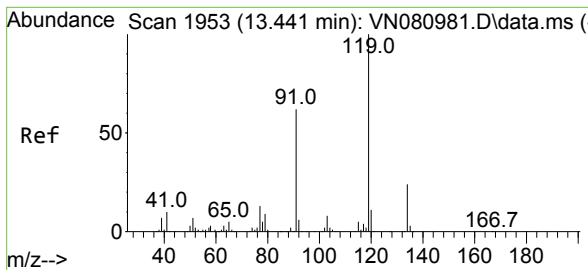
Tgt Ion: 75 Resp: 35294
Ion Ratio Lower Upper
75 100
53 105.1 45.9 137.7
89 46.3 25.9 77.7



#78
4-Chlorotoluene
Concen: 20.899 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

Tgt Ion: 91 Resp: 247054
Ion Ratio Lower Upper
91 100
126 32.9 0.0 62.8

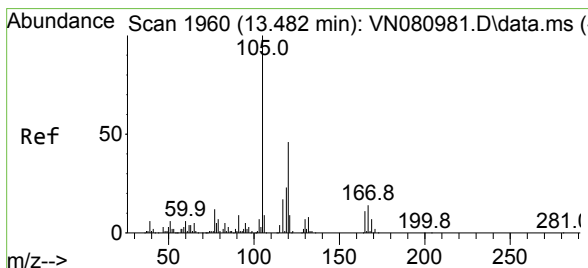
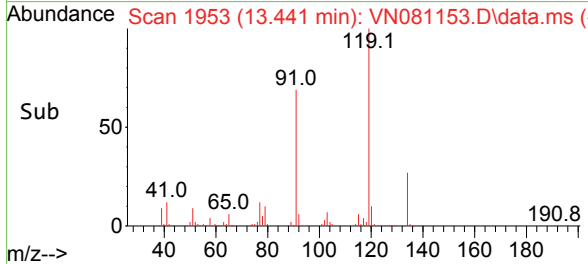
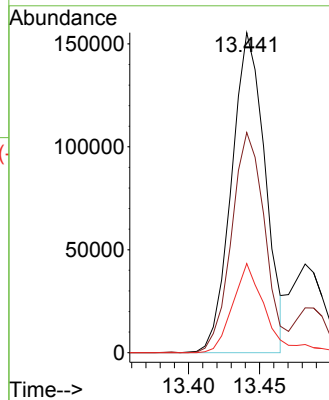
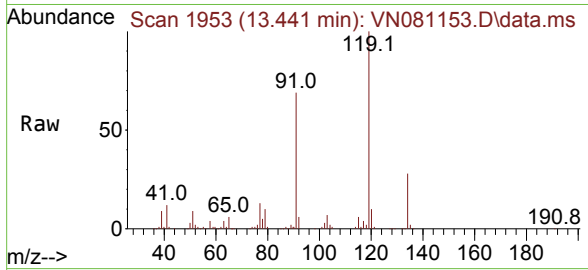




#79
tert-butylbenzene
Concen: 22.491 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

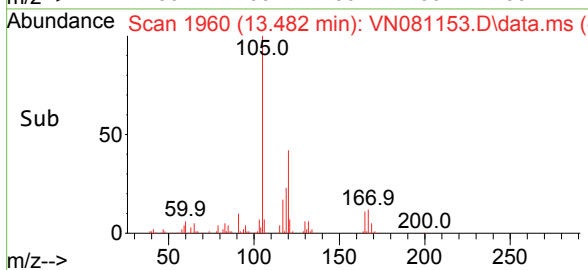
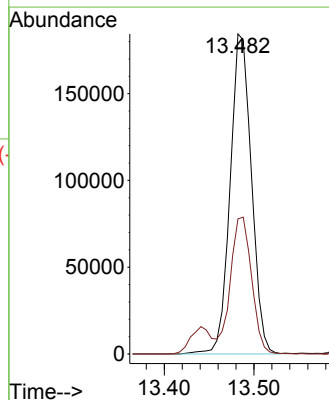
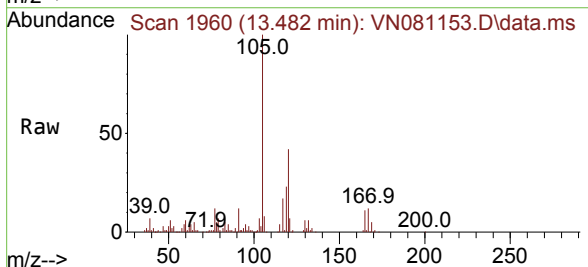
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01

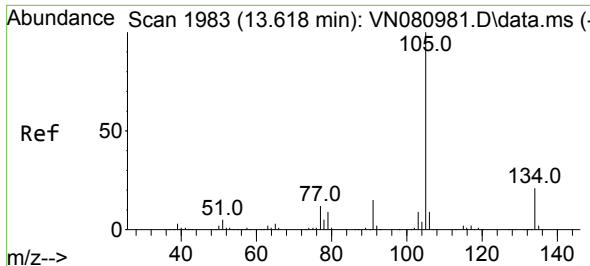
Tgt Ion:119 Resp: 255566
Ion Ratio Lower Upper
119 100
91 68.7 0.0 138.8
134 26.0 0.0 48.6



#80
1,2,4-Trimethylbenzene
Concen: 22.271 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

Tgt Ion:105 Resp: 303744
Ion Ratio Lower Upper
105 100
120 42.4 0.0 86.8

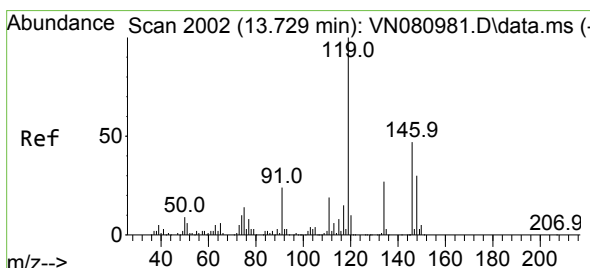
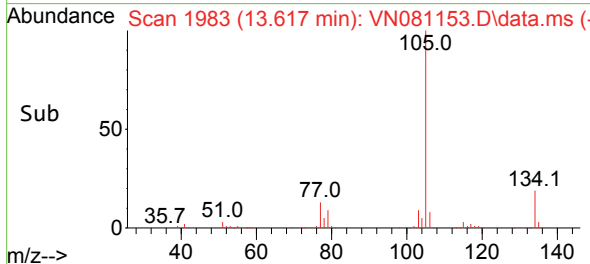
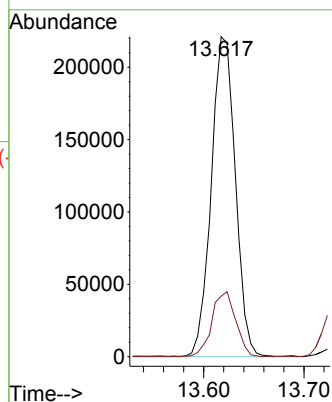
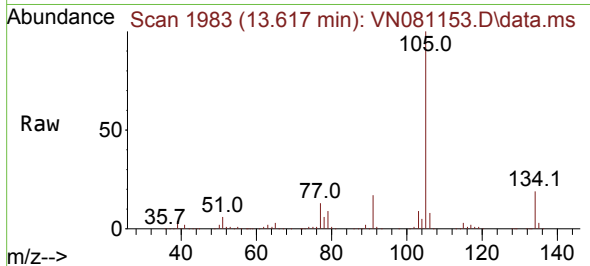




#81
 sec-Butylbenzene
 Concen: 23.226 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081153.D
 Acq: 23 Feb 2024 10:47

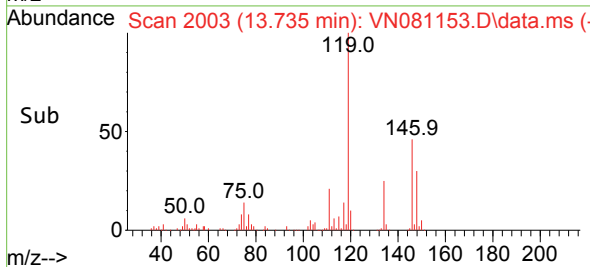
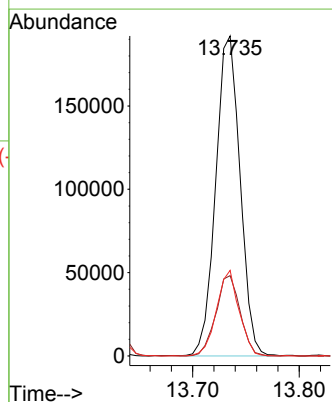
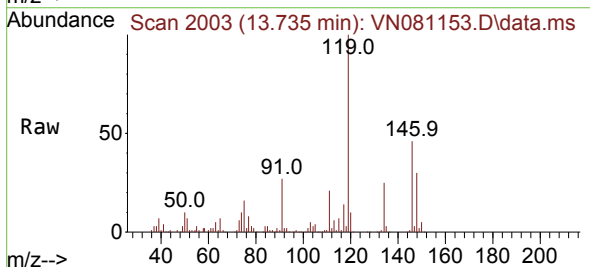
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0223WBSD01

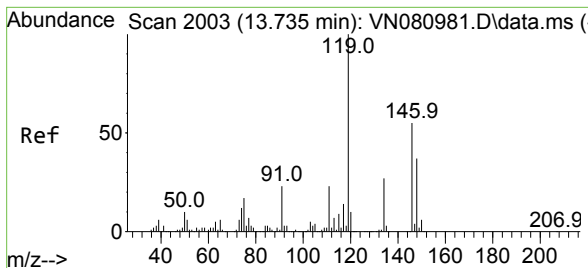
Tgt Ion:105 Resp: 369584
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 39.0



#82
 p-Isopropyltoluene
 Concen: 22.802 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN081153.D
 Acq: 23 Feb 2024 10:47

Tgt Ion:119 Resp: 304609
 Ion Ratio Lower Upper
 119 100
 134 24.9 0.0 49.2
 91 24.8 0.0 48.8





#83

1,3-Dichlorobenzene

Concen: 20.031 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN081153.D

Acq: 23 Feb 2024 10:47

Instrument :

MSVOA_N

ClientSampleId :

VN0223WBSD01

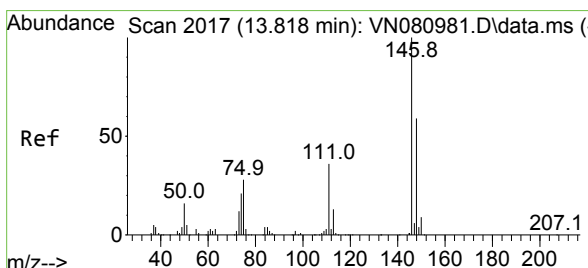
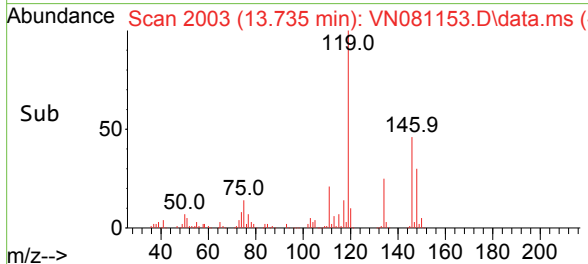
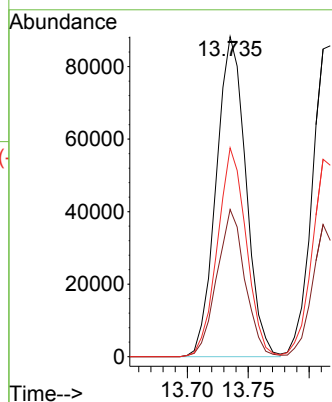
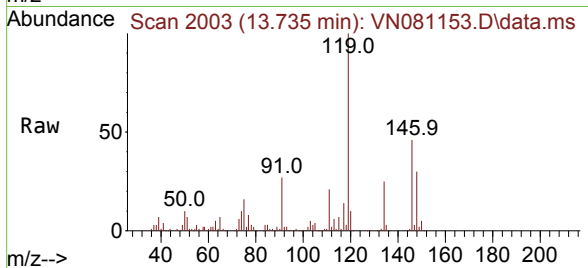
Tgt Ion:146 Resp: 149882

Ion Ratio Lower Upper

146 100

111 43.6 22.4 67.0

148 63.2 32.1 96.5



#84

1,4-Dichlorobenzene

Concen: 20.044 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. -0.000 min

Lab File: VN081153.D

Acq: 23 Feb 2024 10:47

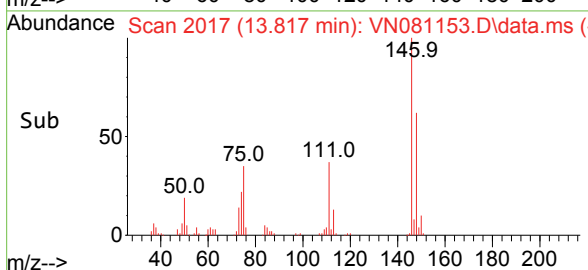
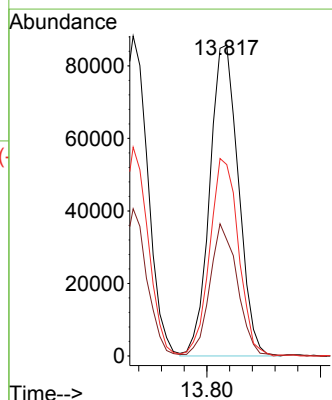
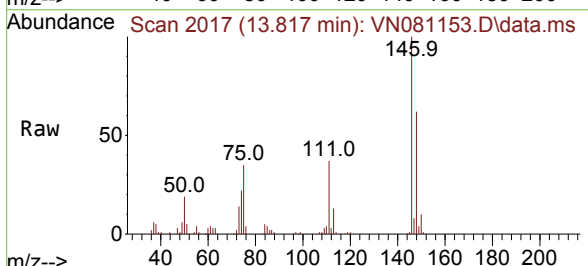
Tgt Ion:146 Resp: 150549

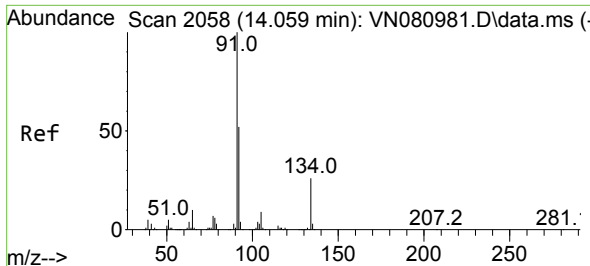
Ion Ratio Lower Upper

146 100

111 40.6 21.3 63.9

148 63.6 31.9 95.5

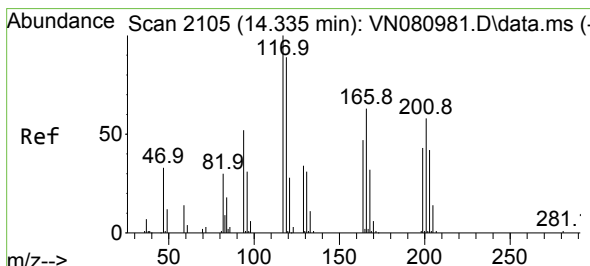
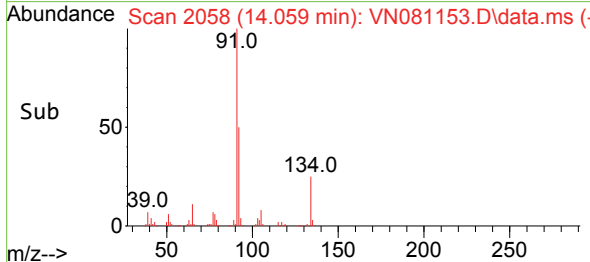
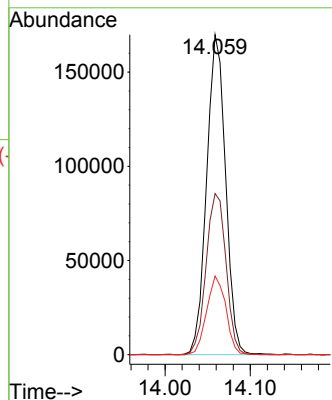
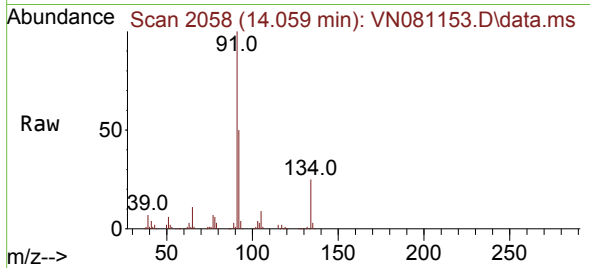




#85
n-Butylbenzene
Concen: 23.836 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

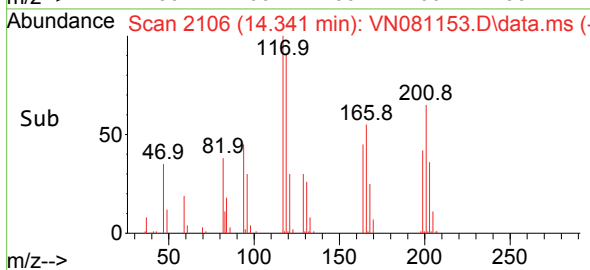
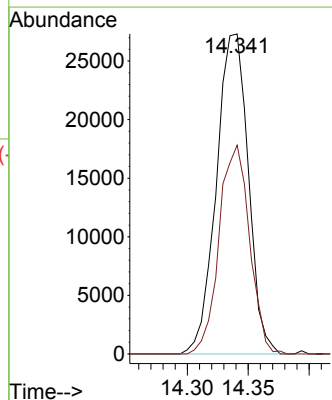
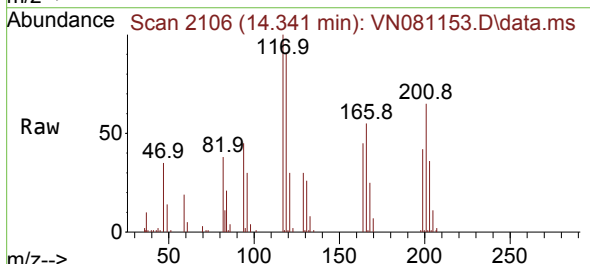
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01

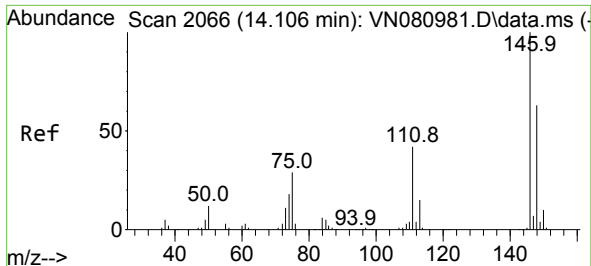
Tgt Ion: 91 Resp: 262726
Ion Ratio Lower Upper
91 100
92 52.9 0.0 105.0
134 24.9 0.0 51.8



#86
Hexachloroethane
Concen: 23.668 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

Tgt Ion: 117 Resp: 49871
Ion Ratio Lower Upper
117 100
201 62.1 38.0 114.0

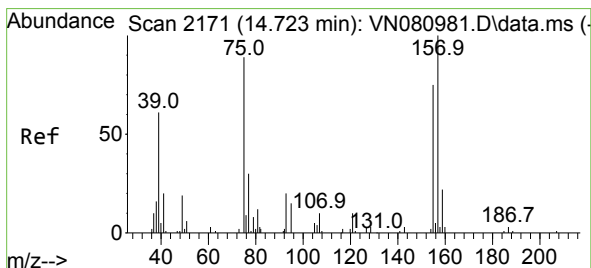
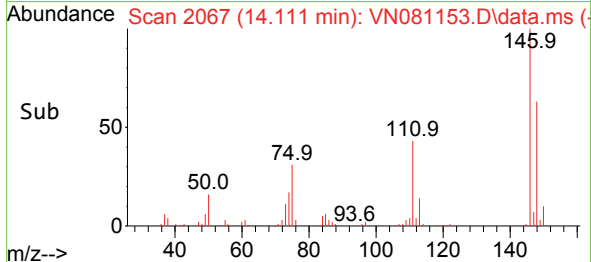
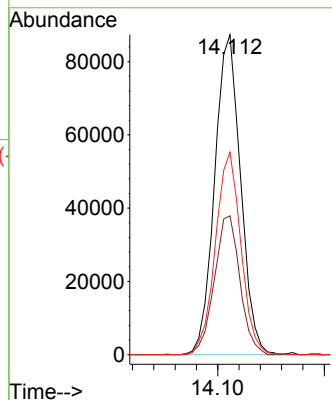
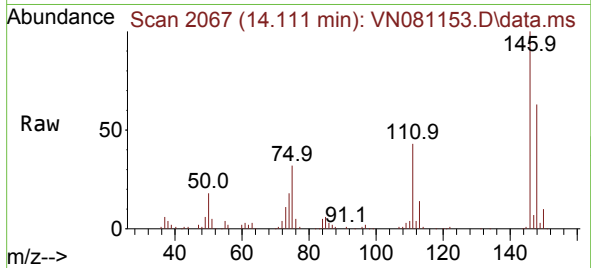




#87
1,2-Dichlorobenzene
Concen: 20.245 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. 0.006 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

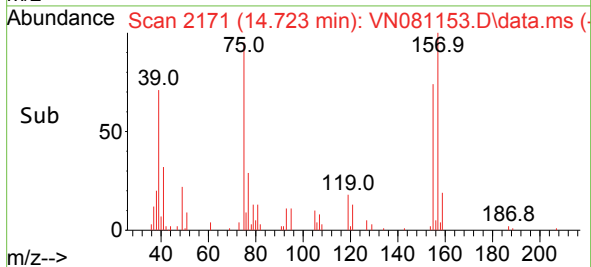
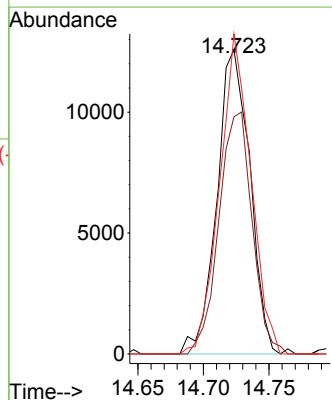
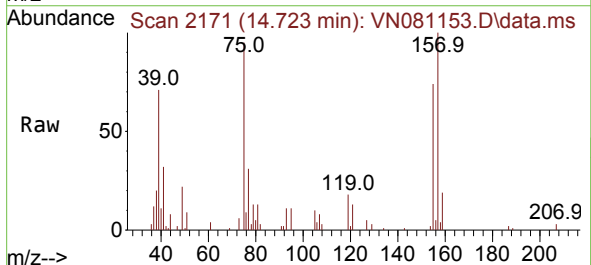
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01

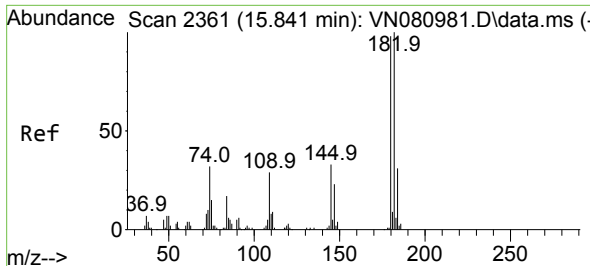
Tgt Ion:146 Resp: 147486
Ion Ratio Lower Upper
146 100
111 43.0 22.6 67.8
148 62.3 31.3 93.8



#88
1,2-Dibromo-3-Chloropropane
Concen: 23.639 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

Tgt Ion: 75 Resp: 22011
Ion Ratio Lower Upper
75 100
155 80.0 61.7 92.5
157 99.9 83.6 125.4

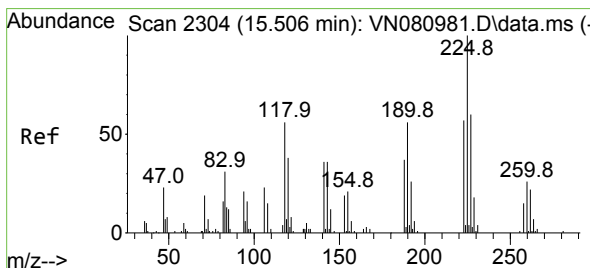
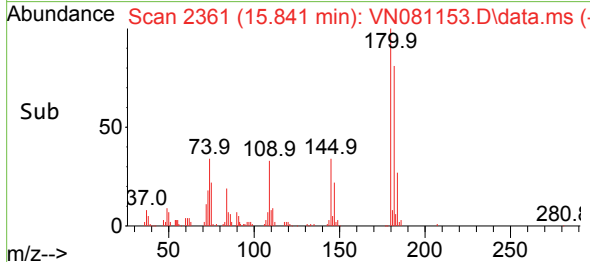
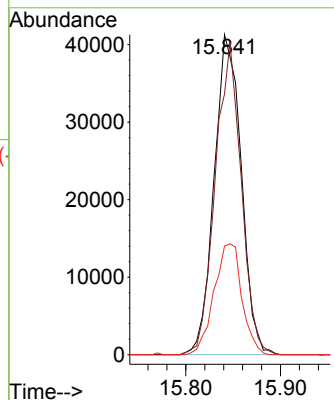
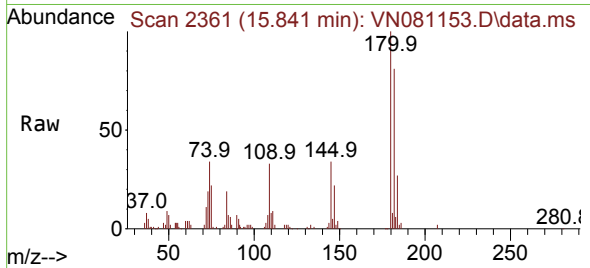




#89
1,2,4-Trichlorobenzene
Concen: 23.029 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

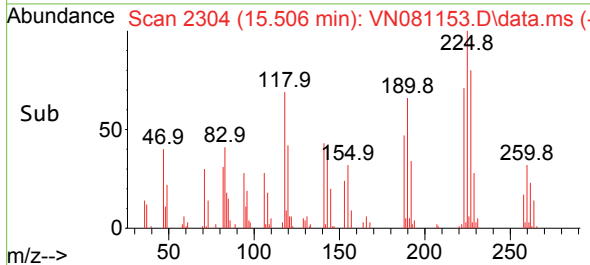
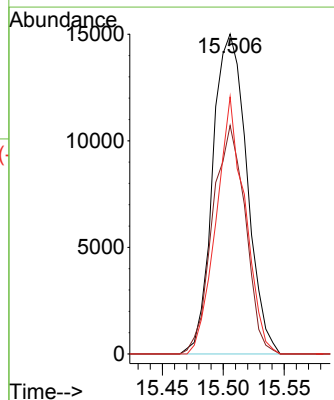
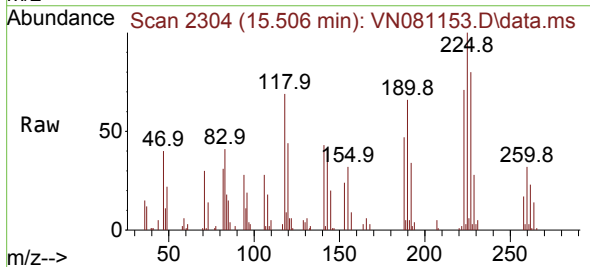
Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01

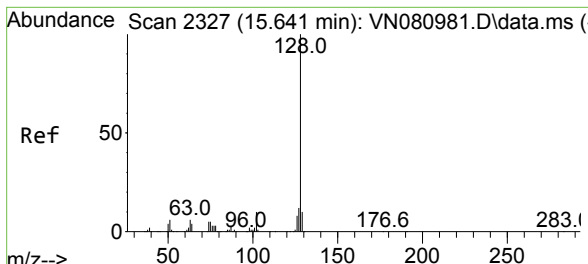
Tgt Ion:180 Resp: 82072
Ion Ratio Lower Upper
180 100
182 93.3 76.4 114.6
145 35.7 28.4 42.6



#90
Hexachlorobutadiene
Concen: 18.680 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

Tgt Ion:225 Resp: 29208
Ion Ratio Lower Upper
225 100
223 68.6 0.0 126.6
227 68.0 0.0 126.6

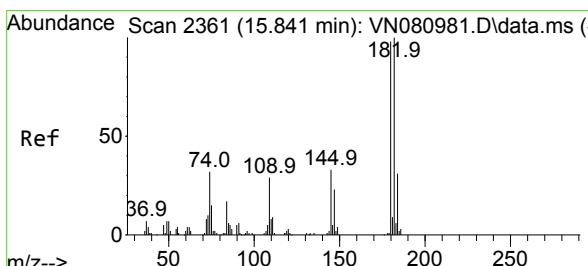
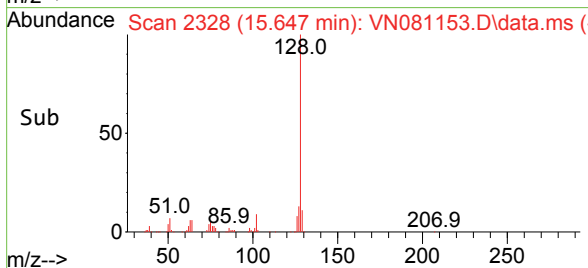
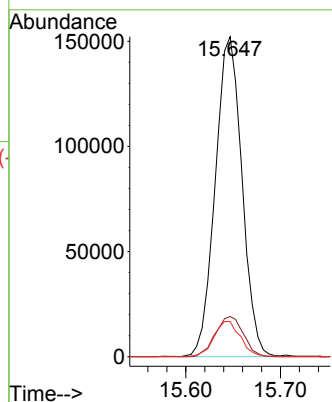
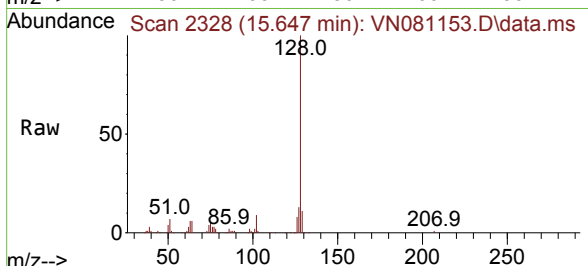




#91
Naphthalene
Concen: 23.550 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01

Tgt Ion:	128	Resp:	298009
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.6	16.0
129	10.9	8.6	13.0



#92
1,2,3-Trichlorobenzene
Concen: 23.029 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN081153.D
Acq: 23 Feb 2024 10:47

Tgt Ion:	180	Resp:	82072
Ion Ratio	Lower	Upper	
180	100		
182	93.3	0.0	191.0
145	35.7	0.0	71.0

