

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042224\
 Data File : VN081822.D
 Acq On : 22 Apr 2024 12:11
 Operator : JC\MD
 Sample : VN0422WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 23 06:55:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.806	128	14698	30.000	ug/l	-0.02
28) 1,4-Difluorobenzene	9.100	114	99887	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	131618	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	59986	33.221	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 110.733%#	
60) 4-Bromofluorobenzene	12.853	95	79968	30.903	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 103.000%	
63) Toluene-d8	10.565	98	161887	30.663	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 102.200%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	32118	15.639	ug/l	98
3) Chloromethane	2.365	50	28335	15.902	ug/l	98
4) Vinyl Chloride	2.518	62	35720	19.495	ug/l	95
5) Bromomethane	2.965	94	31260	20.146	ug/l	94
6) Chloroethane	3.130	64	34955	24.375	ug/l	100
7) Trichlorofluoromethane	3.501	101	52114	17.325	ug/l	90
8) Diethyl Ether	3.959	74	20067	17.886	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	30822	14.935	ug/l	67
10) 1,1-Dichloroethene	4.348	96	30113	15.910	ug/l	97
11) Methyl Iodide	4.595	142	35316	16.476	ug/l	86
12) Methyl Acetate	5.006	43	11806	6.793	ug/l #	71
13) Acrolein	4.177	56	22864	99.890	ug/l	97
14) Acrylonitrile	5.718	53	87648	101.315	ug/l	97
15) Acetone	4.424	58	18023	94.723	ug/l	95
16) Carbon Disulfide	4.706	76	84127	15.631	ug/l #	94
17) Allyl chloride	5.024	41	42993	18.778	ug/l	76
18) Methylene Chloride	5.283	84	39685	18.209	ug/l	91
19) trans-1,2-Dichloroethene	5.783	96	36332	17.505	ug/l	91
20) Diisopropyl ether	6.665	45	118372	21.715	ug/l	92
21) 1,1-Dichloroethane	6.571	63	70980	19.530	ug/l	92
22) cis-1,2-Dichloroethene	7.483	96	48282	19.264	ug/l	98
23) tert-Butyl Alcohol	5.506	59	13719	44.672	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	117926	19.922	ug/l #	92
25) Chloroform	7.965	83	84496	20.433	ug/l	99
26) Cyclohexane	8.265	56	49218	16.893	ug/l #	87
29) 1,1-Dichloropropene	8.371	75	49524	18.859	ug/l	98
30) 2-Butanone	7.483	43	108595	108.280	ug/l #	96
31) 2,2-Dichloropropane	7.489	77	60134	18.384	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	70182	19.391	ug/l	98
33) Carbon Tetrachloride	8.165	117	8685	2.647	ug/l	87
34) Benzene	8.606	78	168919	19.968	ug/l	99
35) Methacrylonitrile	7.771	41	26704	23.508	ug/l	95
36) 1,2-Dichloroethane	8.671	62	67157	24.203	ug/l	96
37) Trichloroethene	9.359	130	41785	18.666	ug/l	85
38) Methylcyclohexane	9.600	83	48186	15.013	ug/l	95
39) 1,2-Dichloropropane	9.618	63	44101	22.346	ug/l	96
40) Dibromomethane	9.706	93	33212	21.126	ug/l	96
41) Bromodichloromethane	9.888	83	70056	21.853	ug/l #	97
42) Vinyl Acetate	6.600	43	465150	111.335	ug/l	100

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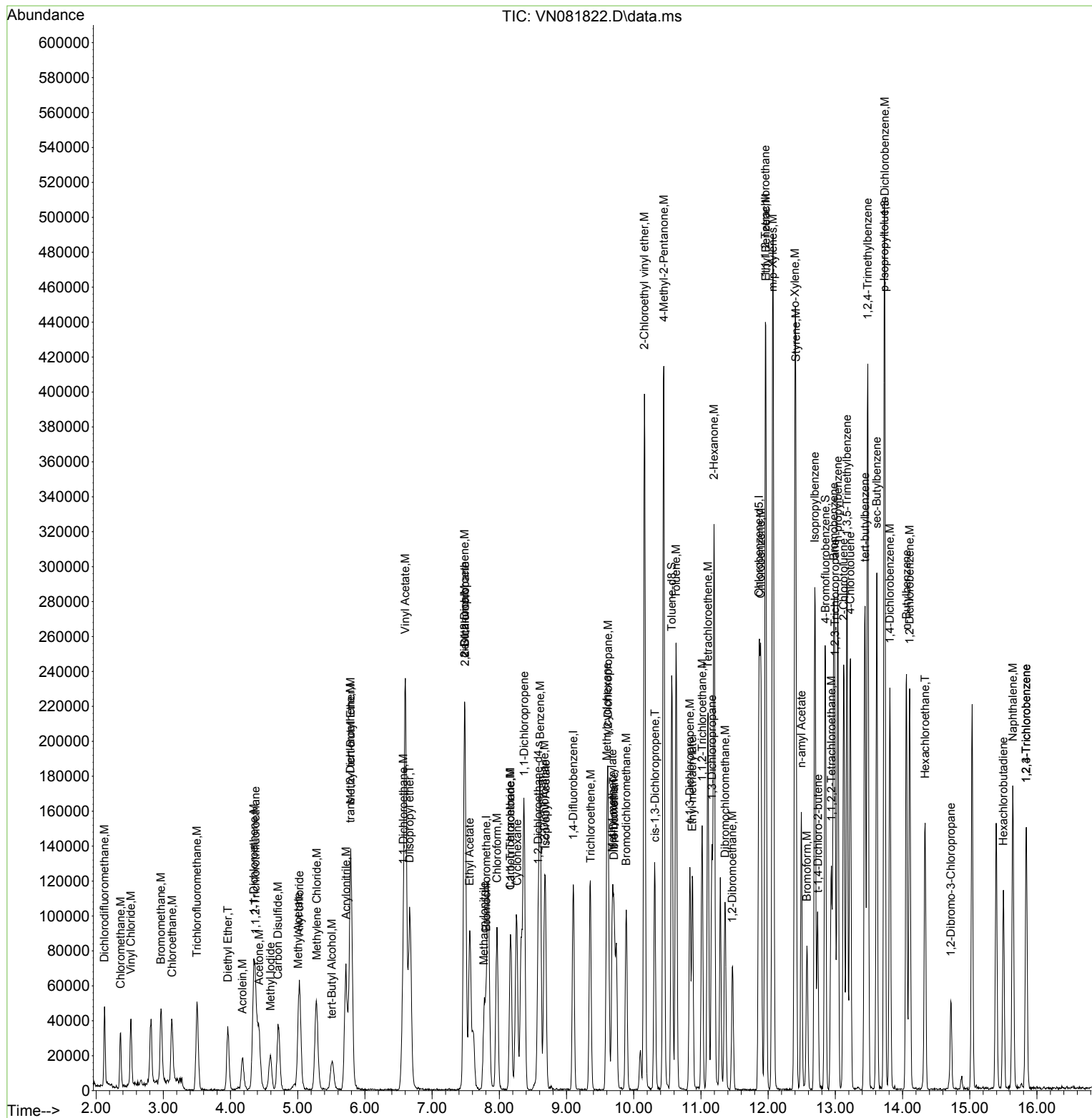
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43) Ethyl Acetate	7.559	43	48189	21.802	ug/l #	88
44) Isopropyl Acetate	8.689	43	82632	22.312	ug/l	95
45) 1,4-Dioxane	9.700	88	16209	396.476	ug/l #	97
46) Methyl methacrylate	9.683	41	39742	23.863	ug/l	91
47) n-amyl Acetate	12.494	43	75912	22.843	ug/l	96
48) t-1,3-Dichloropropene	10.835	75	67957	22.250	ug/l	97
49) cis-1,3-Dichloropropene	10.318	75	71345	21.692	ug/l #	92
50) 1,1,2-Trichloroethane	11.018	97	47593	22.609	ug/l	98
51) Ethyl methacrylate	10.871	69	61567	21.005	ug/l	82
52) 1,3-Dichloropropane	11.165	76	77874	22.570	ug/l	99
53) Dibromochloromethane	11.359	129	56692	22.546	ug/l	98
54) 1,2-Dibromoethane	11.465	107	47748	21.945	ug/l	98
55) 2-Chloroethyl vinyl ether	10.159	63	177146	123.076	ug/l	98
56) Bromoform	12.576	173	35078	21.817	ug/l #	96
58) 4-Methyl-2-Pentanone	10.447	43	261496	115.530	ug/l #	90
59) 2-Hexanone	11.194	43	191204	112.482	ug/l	90
61) Tetrachloroethene	11.106	164	47104	19.314	ug/l	91
62) Toluene	10.630	91	195466	20.413	ug/l	97
64) Chlorobenzene	11.888	112	124289	20.470	ug/l	93
65) 1,1,1,2-Tetrachloroethane	11.959	131	45746	20.741	ug/l	92
66) Ethyl Benzene	11.965	91	193627	19.019	ug/l	96
67) m/p-Xylenes	12.071	106	159346	39.514	ug/l	97
68) o-Xylene	12.400	106	78110	20.403	ug/l	91
69) Styrene	12.412	104	129360	19.841	ug/l	99
70) Isopropylbenzene	12.694	105	190076	19.245	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	59622	23.110	ug/l	100
72) 1,2,3-Trichloropropane	12.994	75	84384	35.329	ug/l	60
73) Bromobenzene	12.976	156	53210	21.742	ug/l	90
74) n-propylbenzene	13.035	91	224792	19.014	ug/l	99
75) 2-Chlorotoluene	13.124	91	138915	19.723	ug/l	92
76) 1,3,5-Trimethylbenzene	13.171	105	165682	19.764	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	20585	20.810	ug/l	96
78) 4-Chlorotoluene	13.224	91	144604	20.700	ug/l	96
79) tert-butylbenzene	13.441	119	137051	19.217	ug/l	96
80) 1,2,4-Trimethylbenzene	13.482	105	165470	19.793	ug/l	98
81) sec-Butylbenzene	13.618	105	190788	18.550	ug/l	100
82) p-Isopropyltoluene	13.729	119	157975	18.314	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	91924	20.098	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	91943	20.767	ug/l	98
85) n-Butylbenzene	14.059	91	133025	18.308	ug/l	98
86) Hexachloroethane	14.335	117	31721	19.249	ug/l	87
87) 1,2-Dichlorobenzene	14.106	146	90986	20.899	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.718	75	13232	23.526	ug/l	94
89) 1,2,4-Trichlorobenzene	15.841	180	50457	21.145	ug/l	96
90) Hexachlorobutadiene	15.500	225	17799	18.613	ug/l	94
91) Naphthalene	15.641	128	152173	19.836	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	50457	21.145	ug/l	96

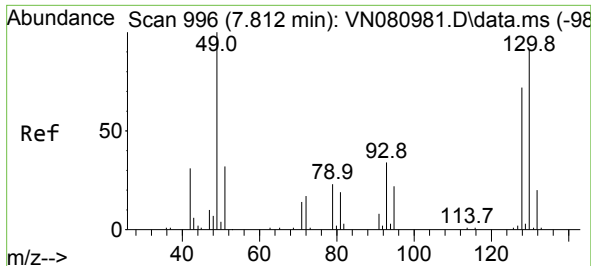
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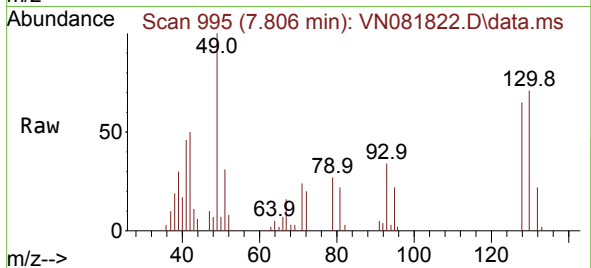
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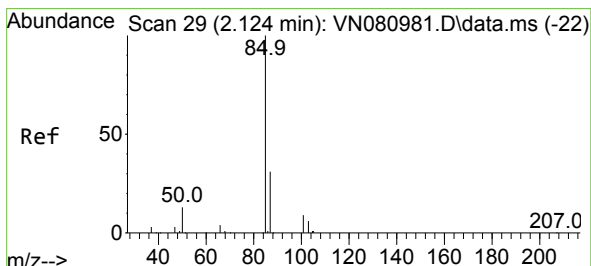
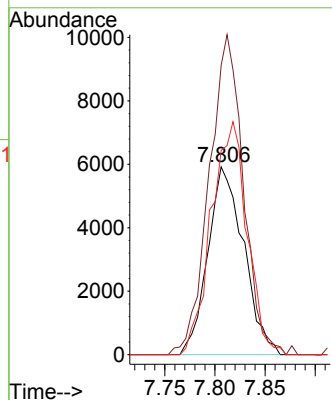
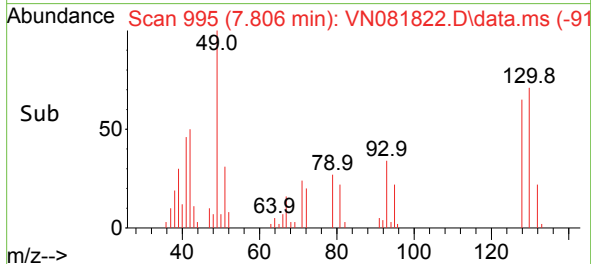


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 91
Delta R.T. -0.018 min
Lab File: VN081822.D
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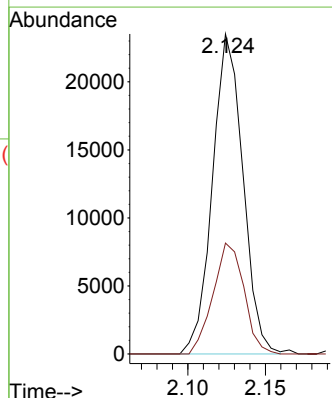
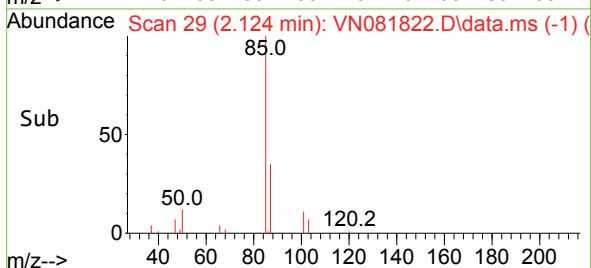
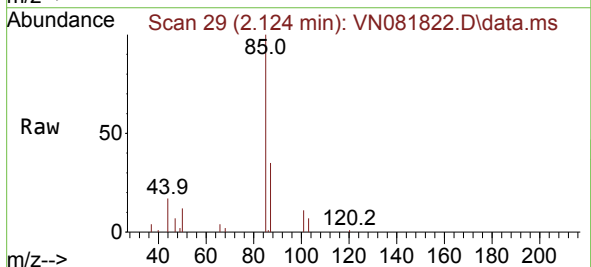


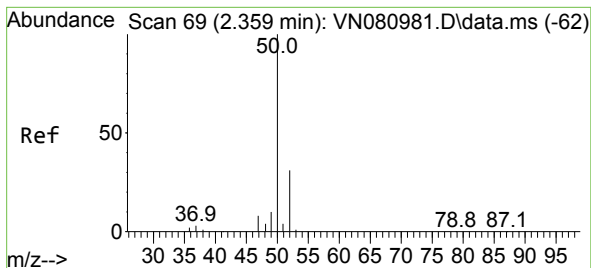
Tgt Ion:128 Resp: 14698
Ion Ratio Lower Upper
128 100
49 162.8 0.0 403.7
130 123.8 0.0 323.3



#2
Dichlorodifluoromethane
Concen: 15.639 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11

Tgt Ion: 85 Resp: 32118
Ion Ratio Lower Upper
85 100
87 34.7 16.8 50.3





#3

Chloromethane

Concen: 15.902 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.000 min

Lab File: VN081822.D

Acq: 22 Apr 2024 12:11

Instrument :

MSVOA_N

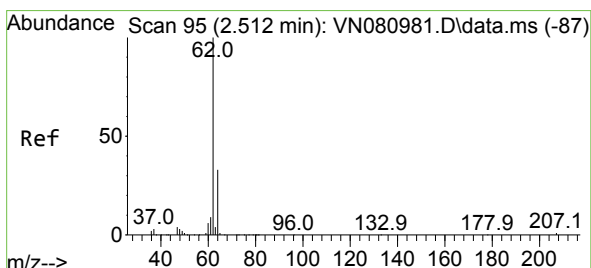
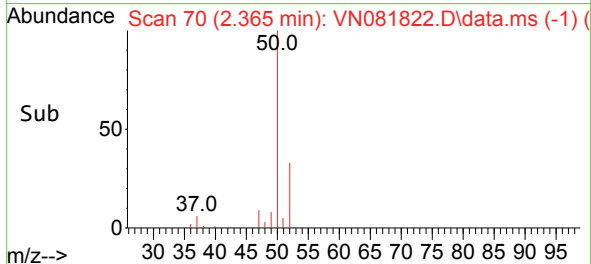
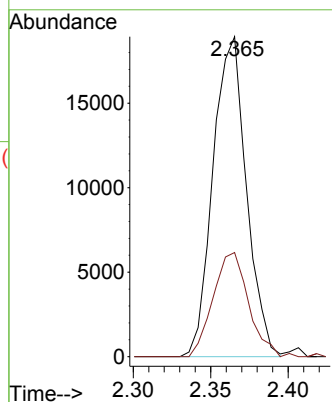
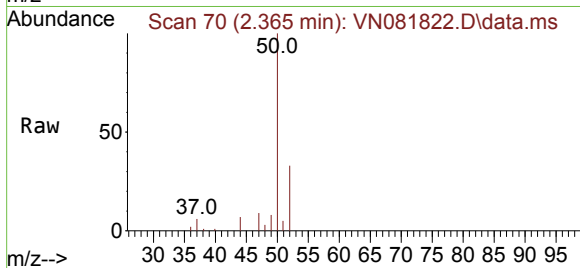
ClientSampleId :

Tgt Ion: 50 Resp: 28335

Ion Ratio Lower Upper

50 100

52 32.5 25.4 38.0



#4

Vinyl Chloride

Concen: 19.495 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.000 min

Lab File: VN081822.D

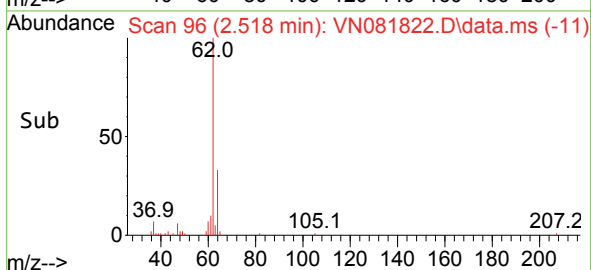
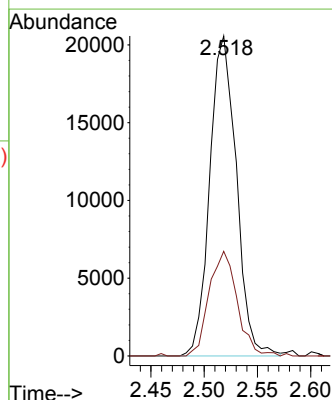
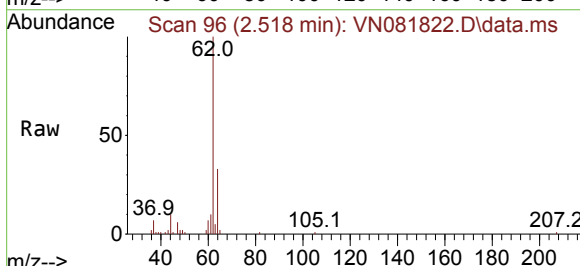
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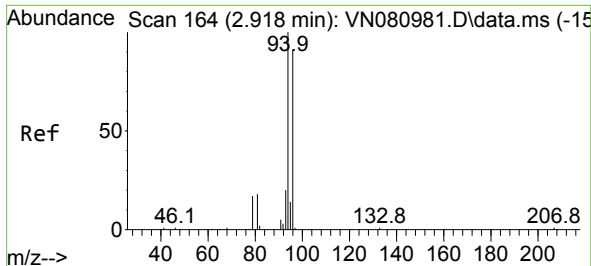
Tgt Ion: 62 Resp: 35720

Ion Ratio Lower Upper

62 100

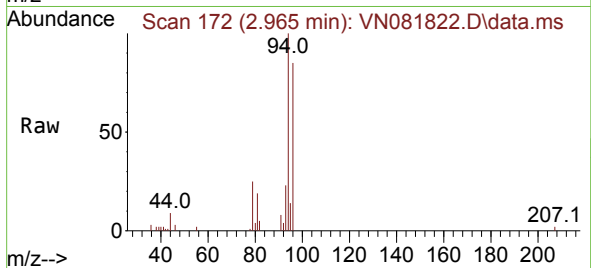
64 32.7 24.1 36.1



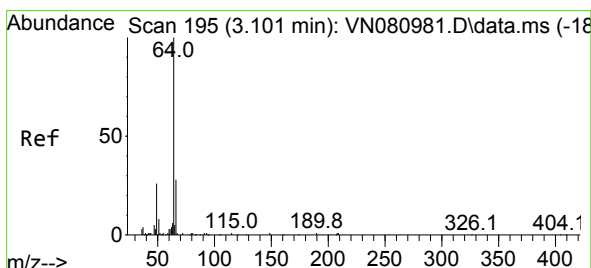
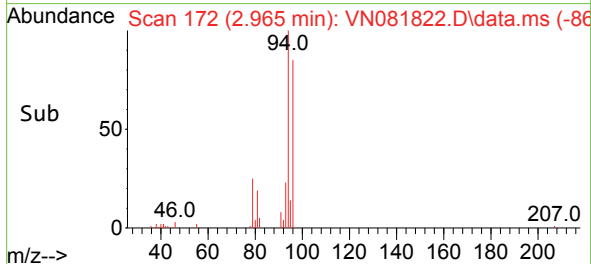
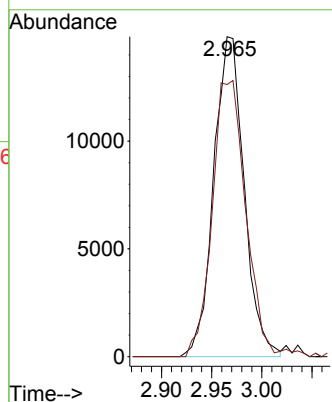


#5
Bromomethane
Concen: 20.146 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081822.D
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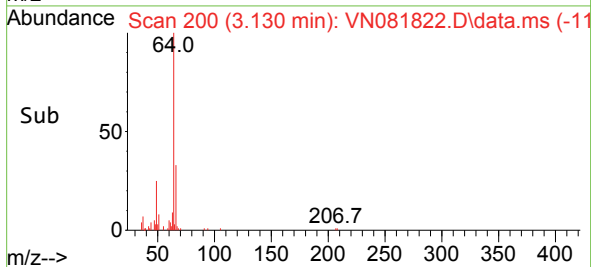
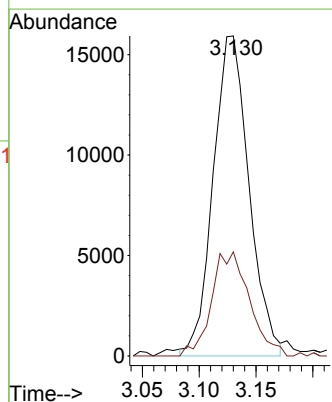
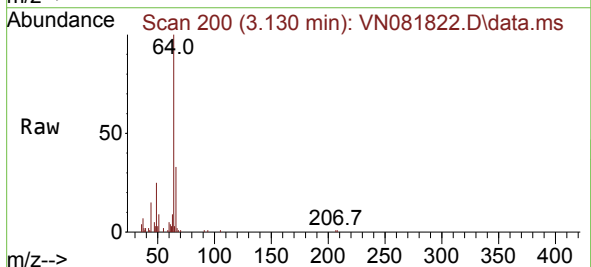


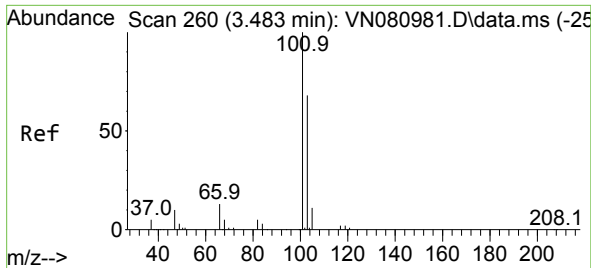
Tgt Ion: 94 Resp: 31260
Ion Ratio Lower Upper
94 100
96 85.1 72.8 109.2



#6
Chloroethane
Concen: 24.375 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11

Tgt Ion: 64 Resp: 34955
Ion Ratio Lower Upper
64 100
66 33.3 26.7 40.1

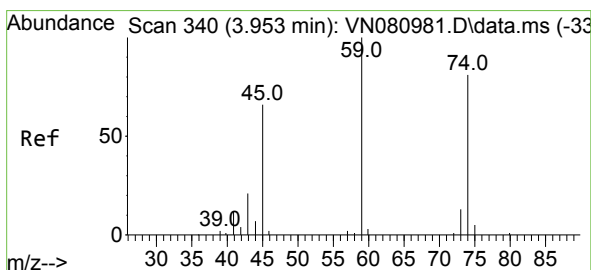
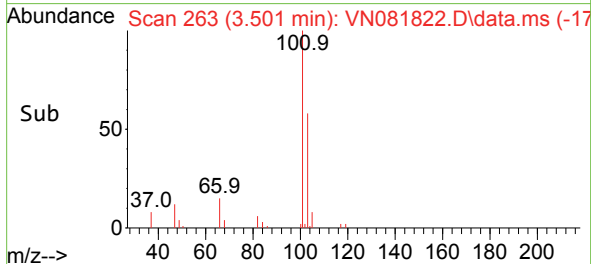
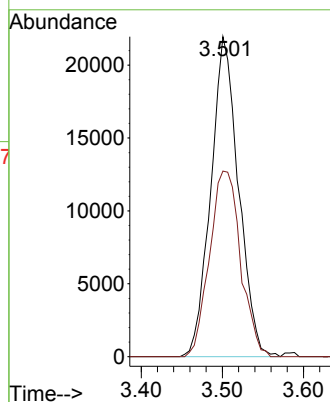
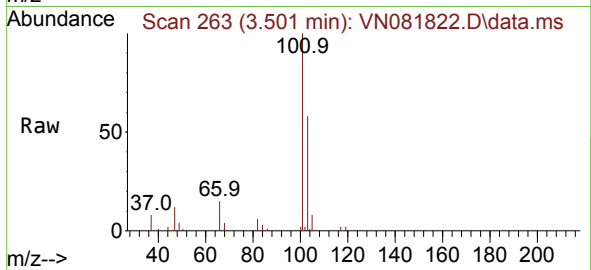




#7
Trichlorofluoromethane
Concen: 17.325 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN081822.D
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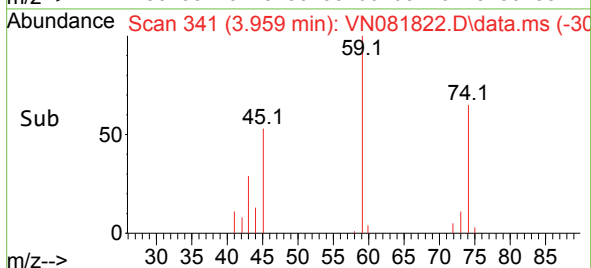
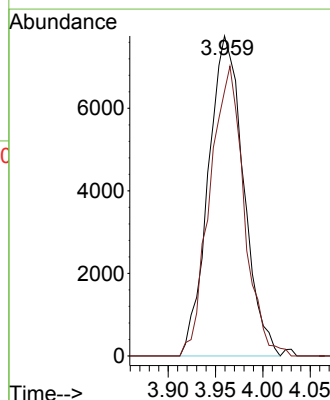
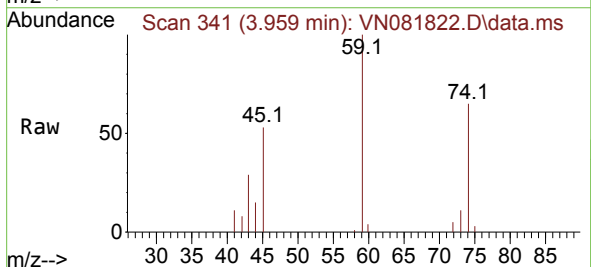
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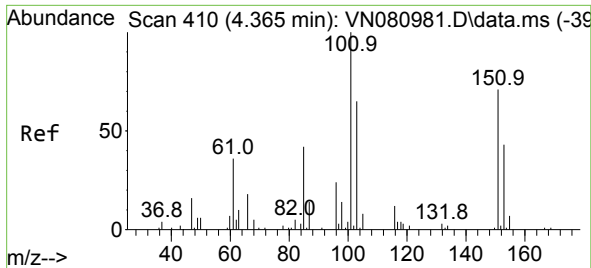
Tgt Ion:101 Resp: 52114
Ion Ratio Lower Upper
101 100
103 58.0 53.0 79.4



#8
Diethyl Ether
Concen: 17.886 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11

Tgt Ion: 74 Resp: 20067
Ion Ratio Lower Upper
74 100
45 87.8 16.4 147.4

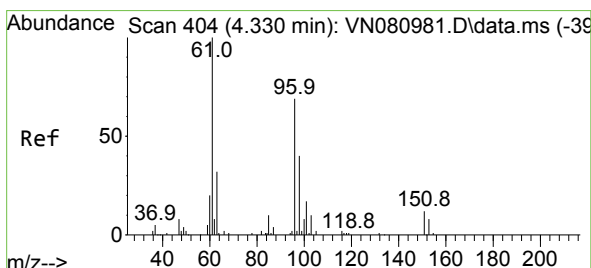
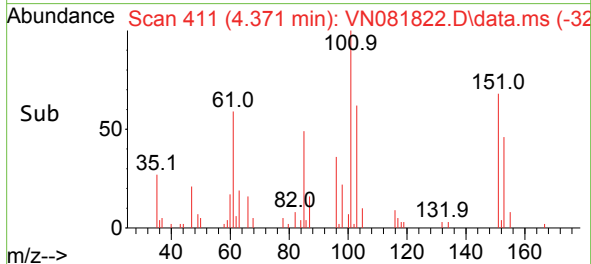
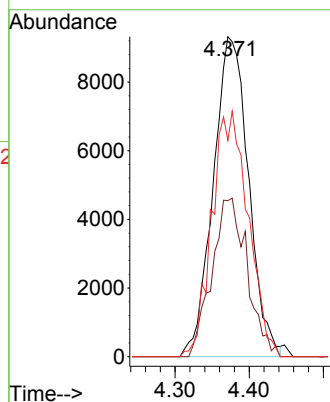
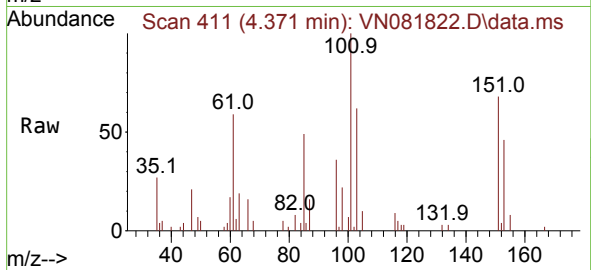




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 14.935 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VN081822.D
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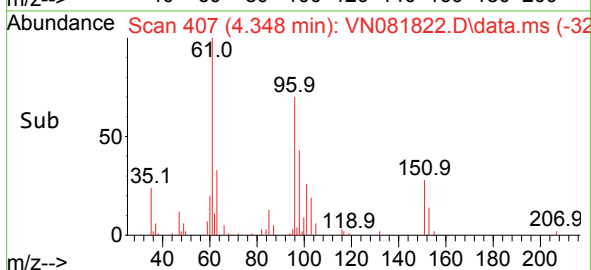
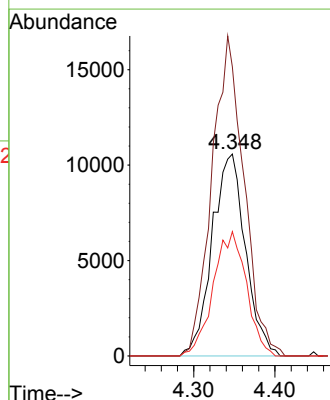
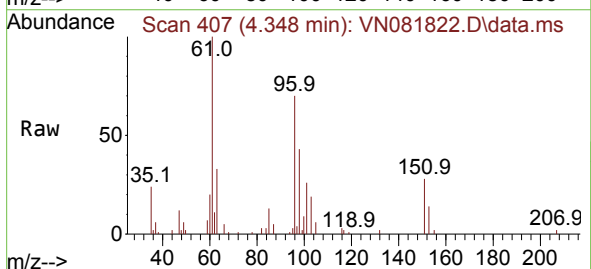
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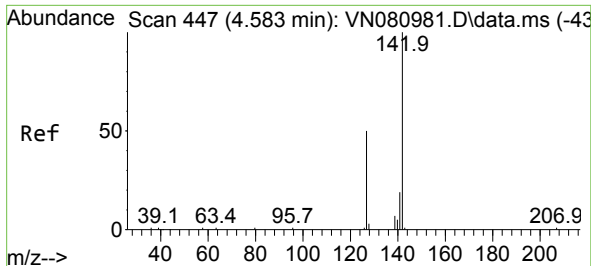
Tgt Ion:101 Resp: 30822
 Ion Ratio Lower Upper
 101 100
 85 38.3 0.0 90.6
 151 38.4 0.0 157.6



#10
 1,1-Dichloroethene
 Concen: 15.910 ug/l
 RT: 4.348 min Scan# 407
 Delta R.T. 0.006 min
 Lab File: VN081822.D
 Acq: 22 Apr 2024 12:11

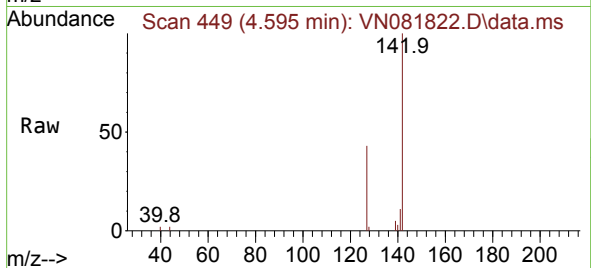
Tgt Ion: 96 Resp: 30113
 Ion Ratio Lower Upper
 96 100
 61 143.2 117.6 176.4
 98 61.5 48.4 72.6



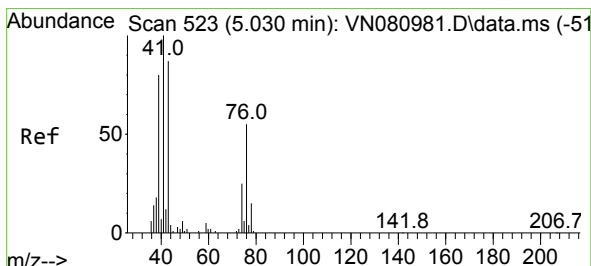
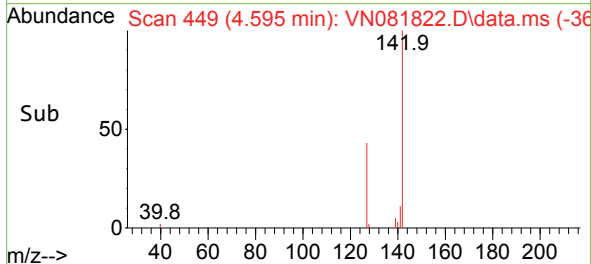
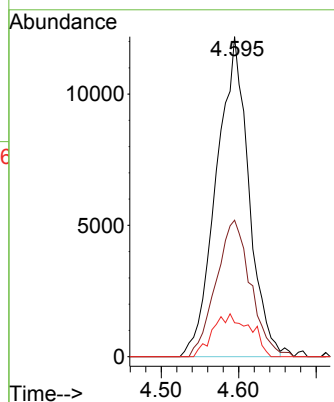


#11
Methyl Iodide
Concen: 16.476 ug/l
RT: 4.595 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11

Instrument :
MSVOA_N
ClientSampleId :

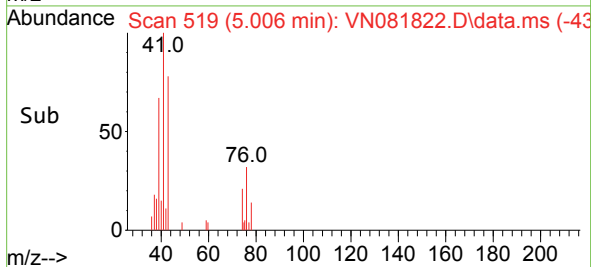
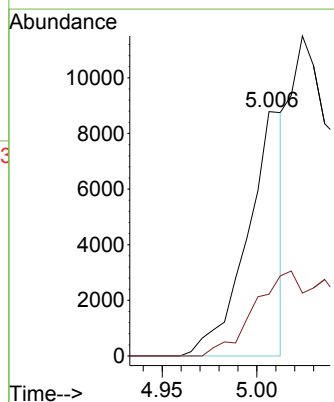
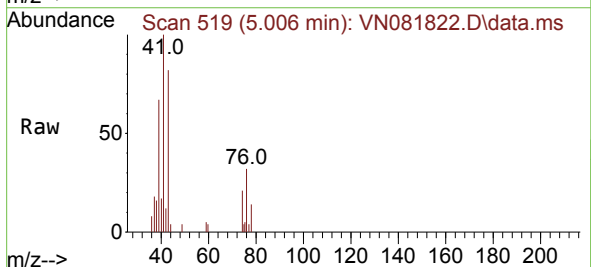


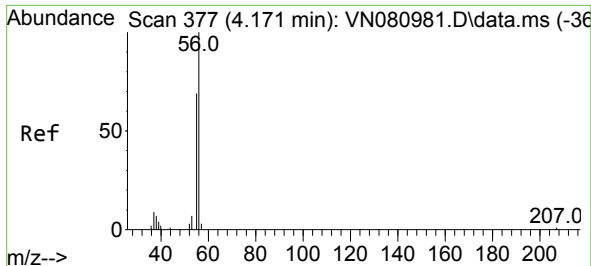
Tgt Ion:142 Resp: 35316
Ion Ratio Lower Upper
142 100
127 42.3 26.3 78.9
141 10.7 8.3 24.9



#12
Methyl Acetate
Concen: 6.793 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.018 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11

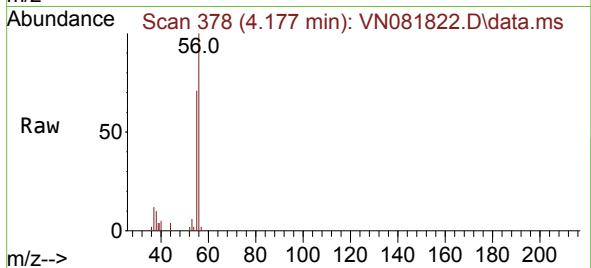
Tgt Ion: 43 Resp: 11806
Ion Ratio Lower Upper
43 100
74 17.7 27.7 41.5#



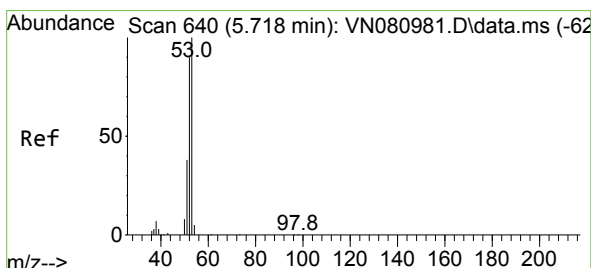
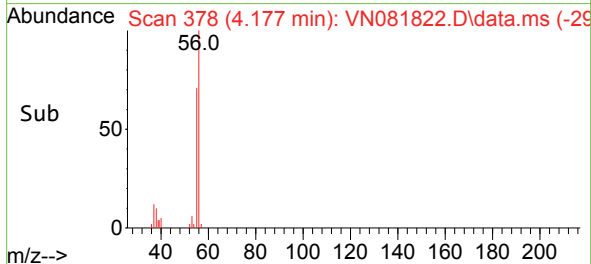
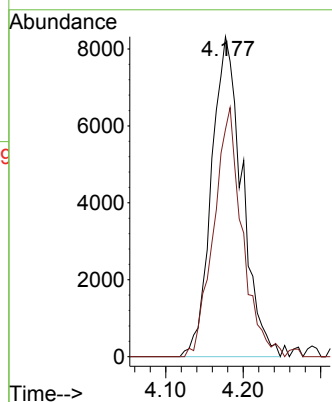


#13
Acrolein
Concen: 99.890 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11

Instrument :
MSVOA_N
ClientSampleId :

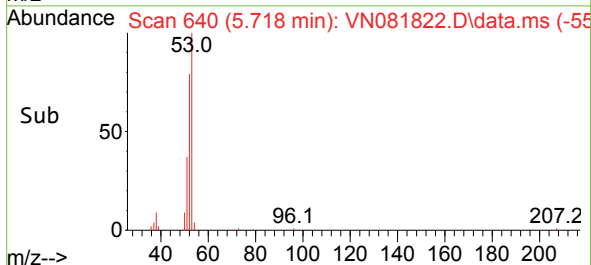
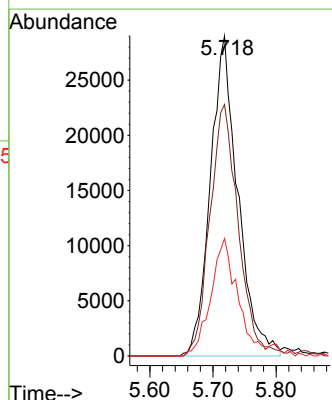
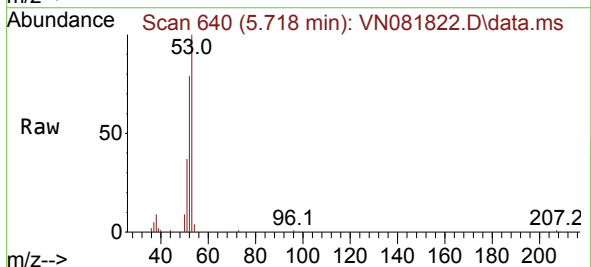


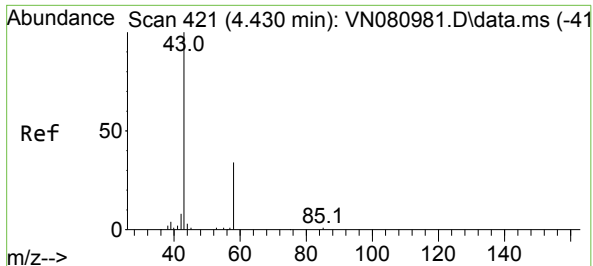
Tgt Ion: 56 Resp: 22864
Ion Ratio Lower Upper
56 100
55 71.6 55.5 83.3



#14
Acrylonitrile
Concen: 101.315 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11

Tgt Ion: 53 Resp: 87648
Ion Ratio Lower Upper
53 100
52 79.8 41.3 123.9
51 35.9 16.8 50.3





#15

Acetone

Concen: 94.723 ug/l

RT: 4.424 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN081822.D

Acq: 22 Apr 2024 12:11

Instrument :

MSVOA_N

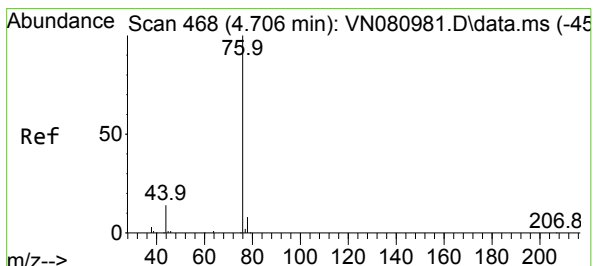
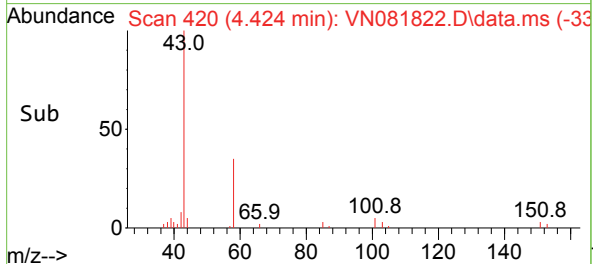
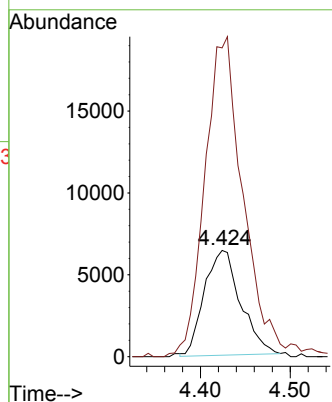
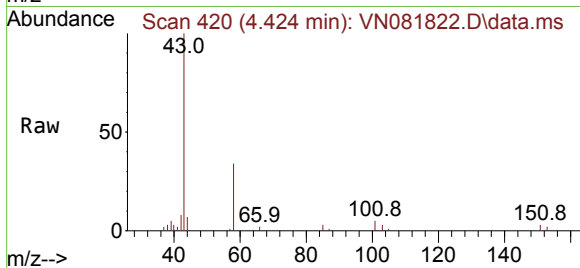
ClientSampleId :

Tgt Ion: 58 Resp: 18023

Ion Ratio Lower Upper

58 100

43 287.8 223.1 334.7



#16

Carbon Disulfide

Concen: 15.631 ug/l

RT: 4.706 min Scan# 468

Delta R.T. -0.006 min

Lab File: VN081822.D

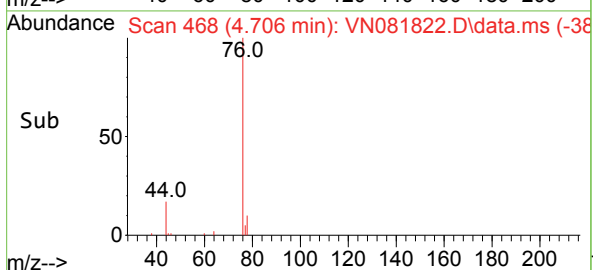
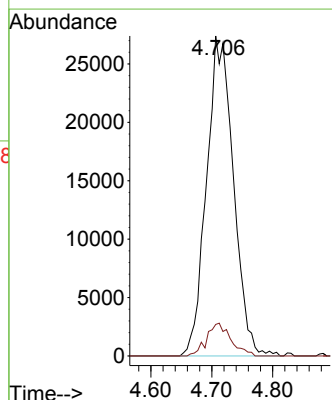
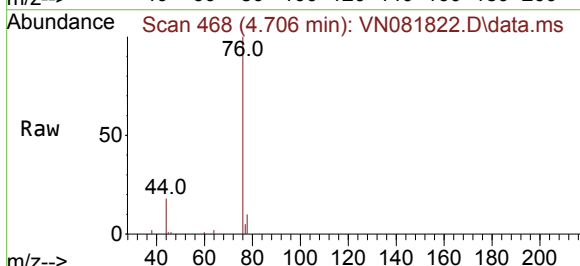
Acq: 22 Apr 2024 12:11

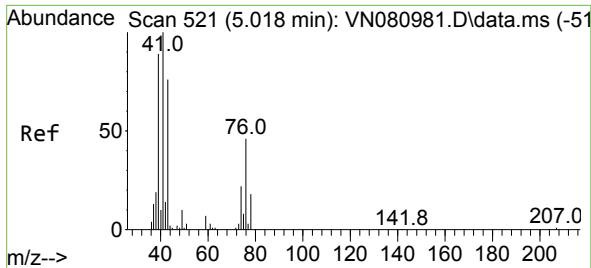
Tgt Ion: 76 Resp: 84127

Ion Ratio Lower Upper

76 100

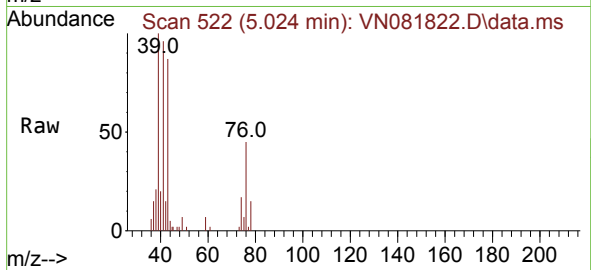
78 9.9 6.3 9.5#



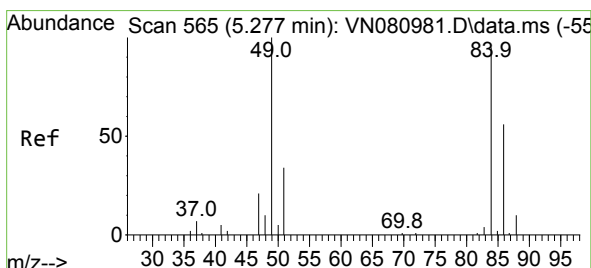
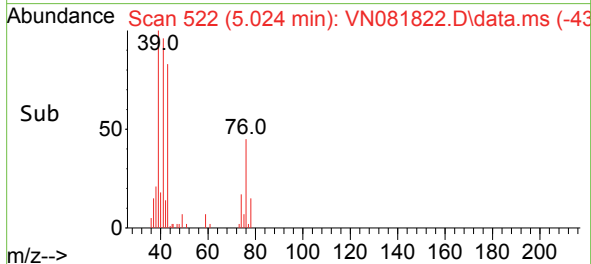
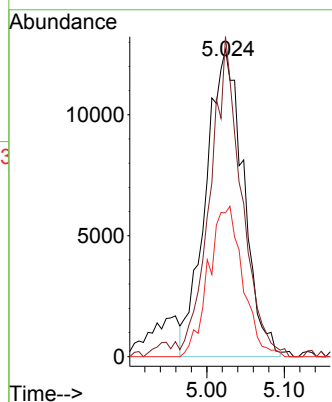


#17
 Allyl chloride
 Concen: 18.778 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN081822.D
 Acq: 22 Apr 2024 12:11

Instrument :
 MSVOA_N
 ClientSampleId :

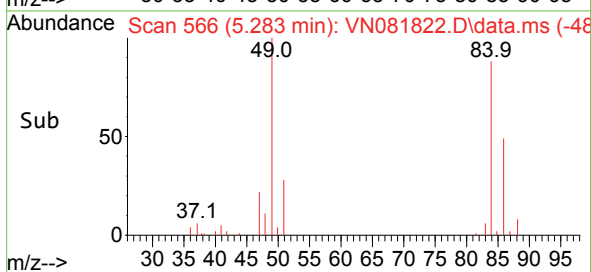
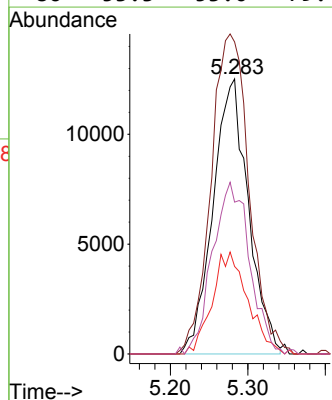
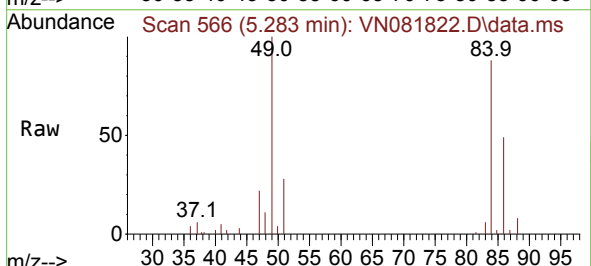


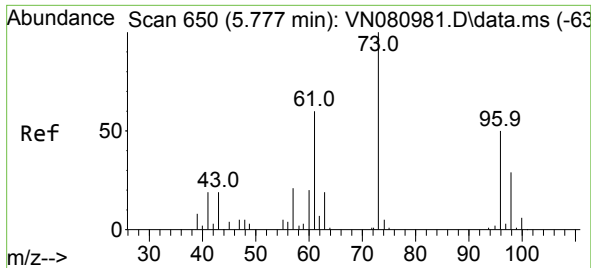
Tgt Ion: 41 Resp: 42993
 Ion Ratio Lower Upper
 41 100
 39 103.5 37.6 112.9
 76 47.5 27.8 83.4



#18
 Methylene Chloride
 Concen: 18.209 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. 0.000 min
 Lab File: VN081822.D
 Acq: 22 Apr 2024 12:11

Tgt Ion: 84 Resp: 39685
 Ion Ratio Lower Upper
 84 100
 49 112.2 86.0 129.0
 51 31.8 30.0 45.0
 86 53.3 53.0 79.4

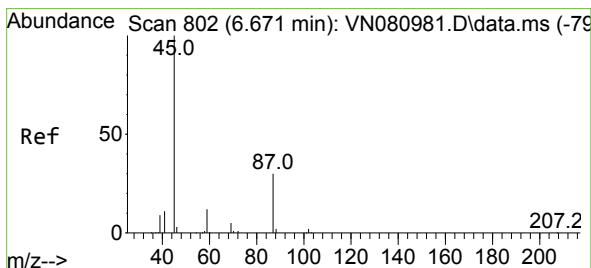
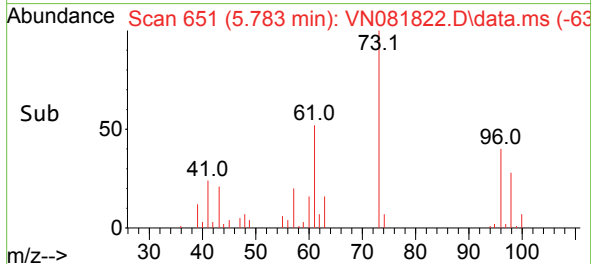
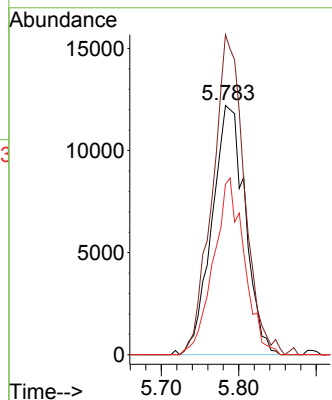
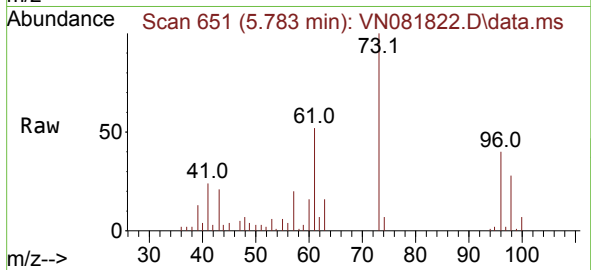




#19
trans-1,2-Dichloroethene
Concen: 17.505 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11

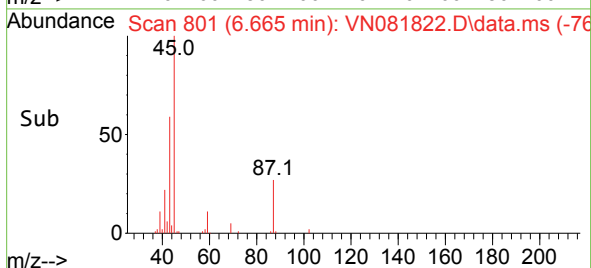
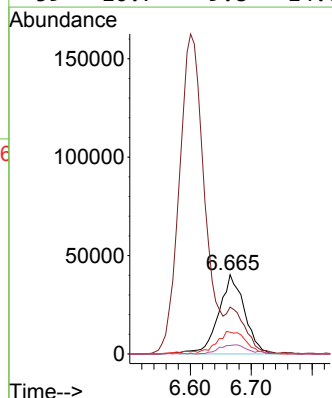
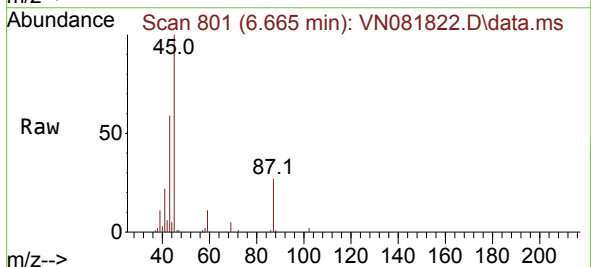
Instrument :
MSVOA_N
ClientSampleId :

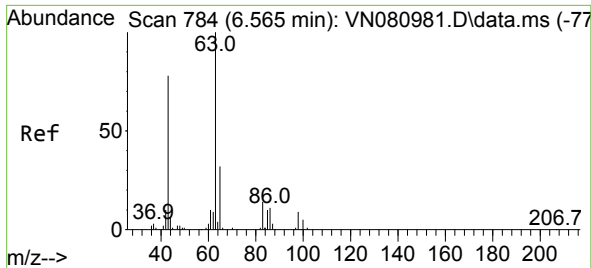
Tgt Ion: 96 Resp: 36332
Ion Ratio Lower Upper
96 100
61 128.4 111.8 167.6
98 68.3 49.2 73.8



#20
Diisopropyl ether
Concen: 21.715 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.012 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11

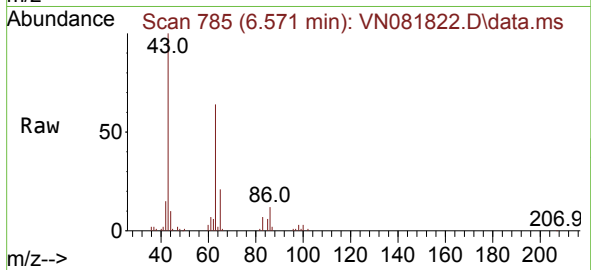
Tgt Ion: 45 Resp: 118372
Ion Ratio Lower Upper
45 100
43 58.3 40.4 60.6
87 27.6 23.8 35.8
59 10.7 9.8 14.6



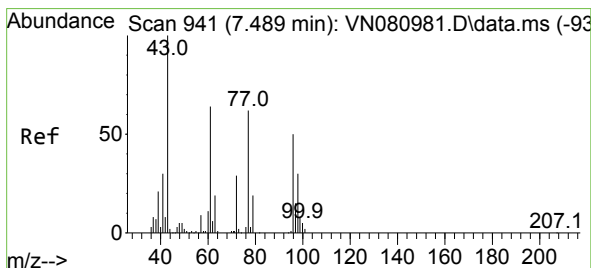
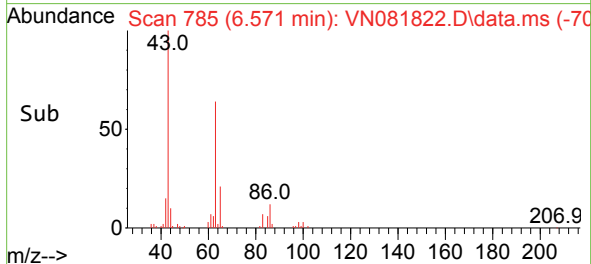
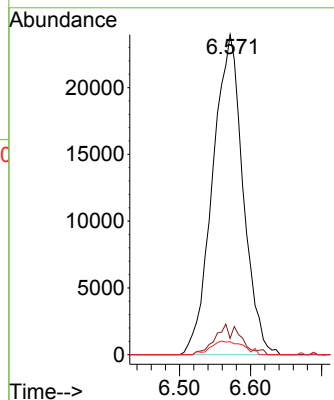


#21
1,1-Dichloroethane
Concen: 19.530 ug/l
RT: 6.571 min Scan# 709
Delta R.T. 0.000 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11

Instrument :
MSVOA_N
ClientSampleId :

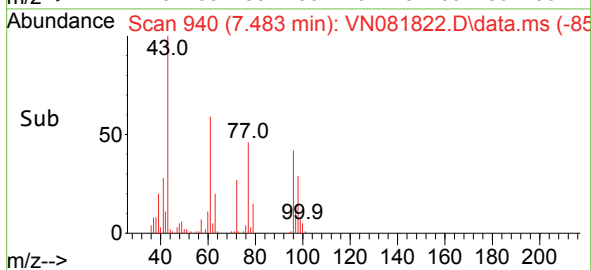
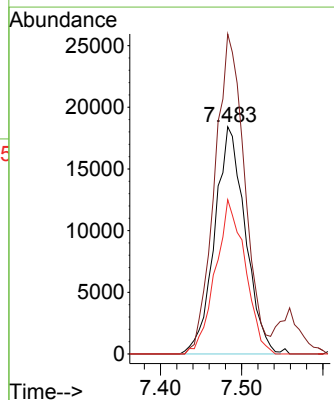
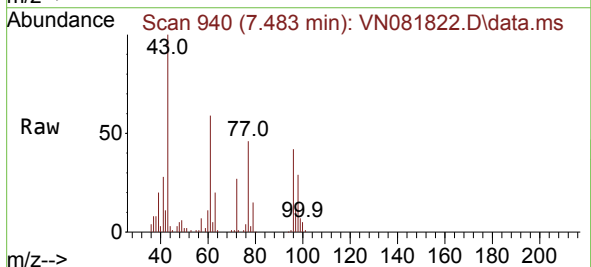


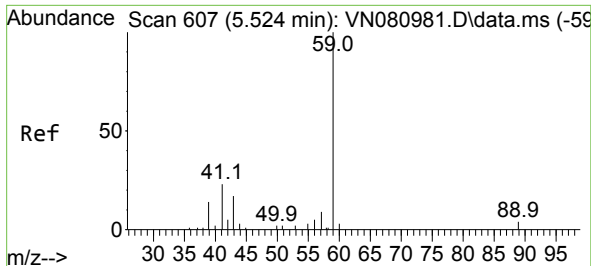
Tgt Ion: 63 Resp: 70980
Ion Ratio Lower Upper
63 100
98 5.1 4.1 12.3
100 4.0 3.0 9.0



#22
cis-1,2-Dichloroethene
Concen: 19.264 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11

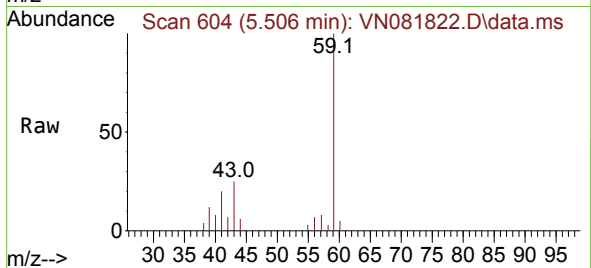
Tgt Ion: 96 Resp: 48282
Ion Ratio Lower Upper
96 100
61 138.3 113.5 170.3
98 66.0 52.0 78.0



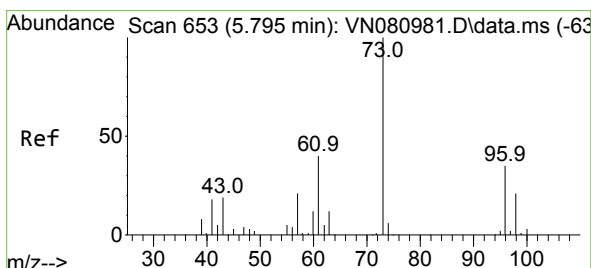
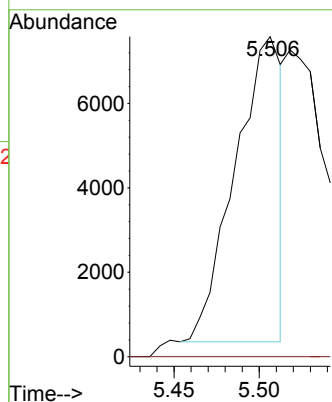
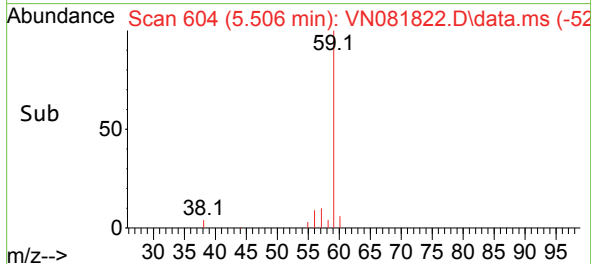


#23
tert-Butyl Alcohol
Concen: 44.672 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.006 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11

Instrument :
MSVOA_N
ClientSampleId :

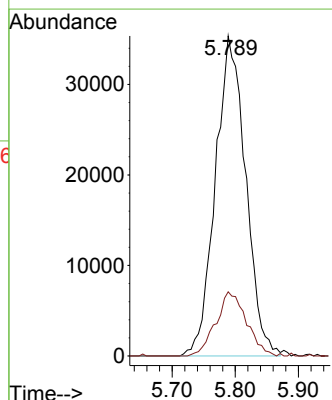
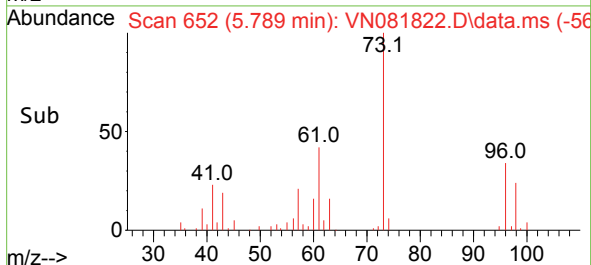
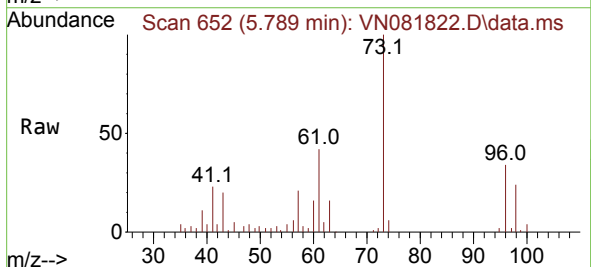


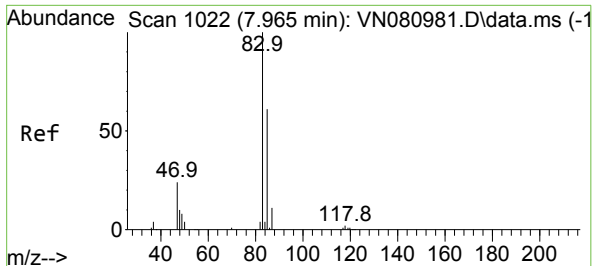
Tgt Ion: 59 Resp: 13719
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 19.922 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11

Tgt Ion: 73 Resp: 117926
Ion Ratio Lower Upper
73 100
43 20.2 13.4 20.2#





#25

Chloroform

Concen: 20.433 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN081822.D

Acq: 22 Apr 2024 12:11

Instrument :

MSVOA_N

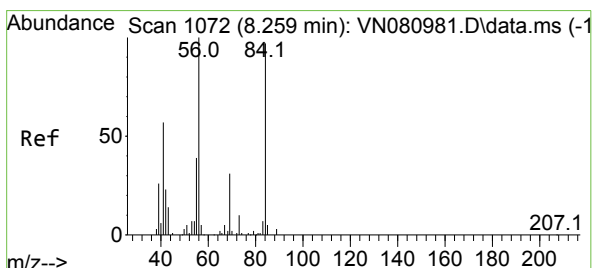
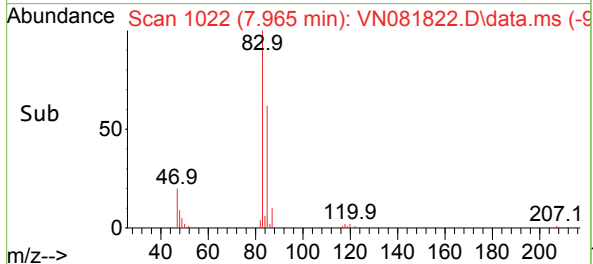
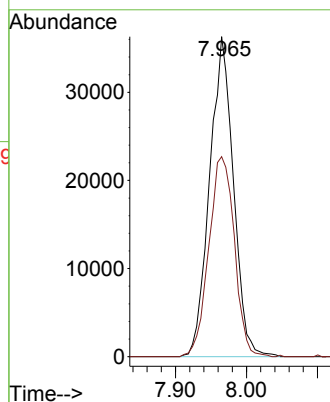
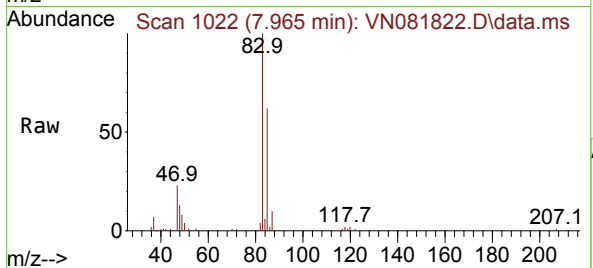
ClientSampleId :

Tgt Ion: 83 Resp: 84496

Ion Ratio Lower Upper

83 100

85 62.5 50.9 76.3



#26

Cyclohexane

Concen: 16.893 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.006 min

Lab File: VN081822.D

Acq: 22 Apr 2024 12:11

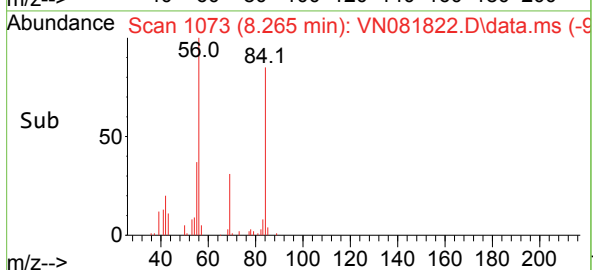
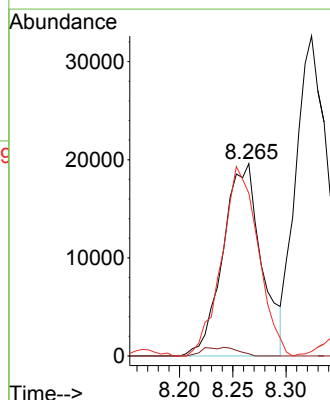
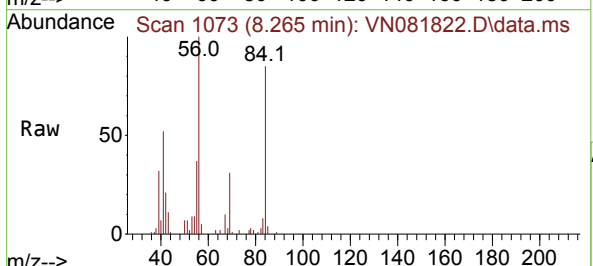
Tgt Ion: 56 Resp: 49218

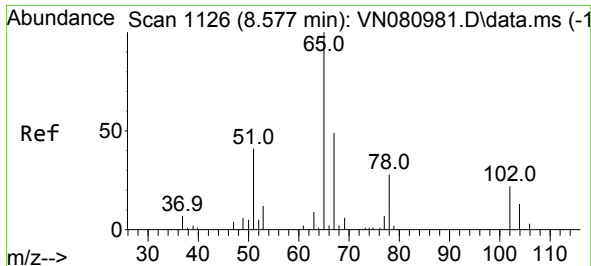
Ion Ratio Lower Upper

56 100

89 2.0 19.3 28.9#

84 93.5 71.3 106.9

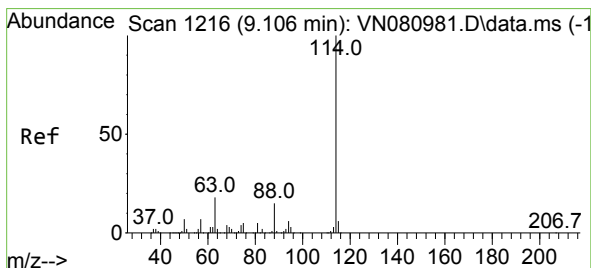
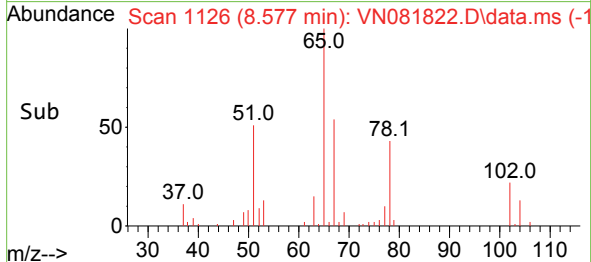
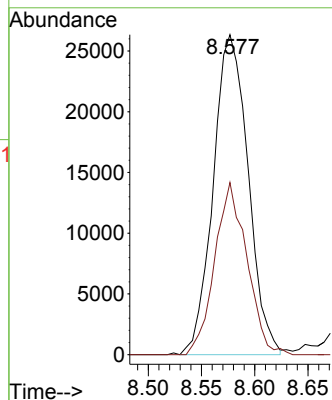
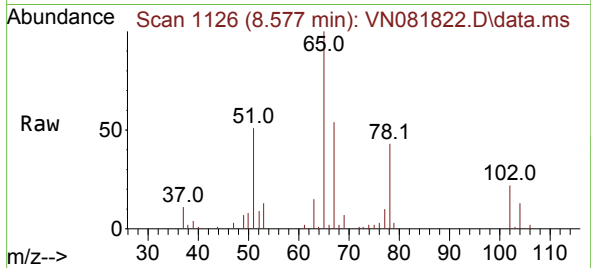




#27
1,2-Dichloroethane-d4
Concen: 33.221 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11

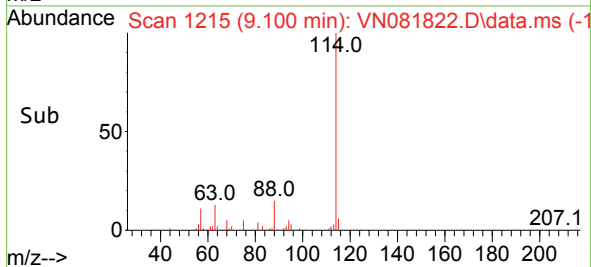
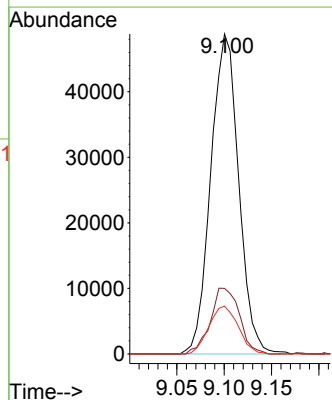
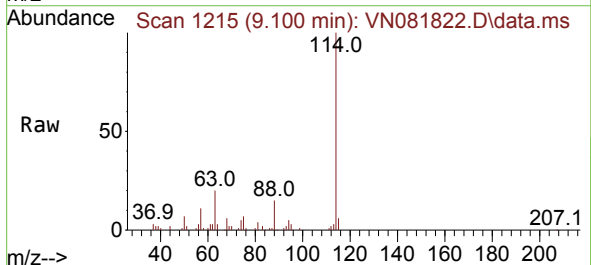
Instrument :
MSVOA_N
ClientSampleId :

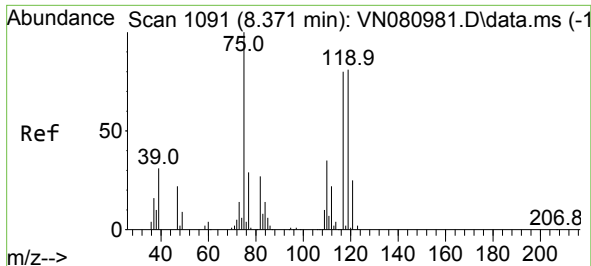
Tgt Ion: 65 Resp: 59986
Ion Ratio Lower Upper
65 100
67 49.6 43.2 64.8



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11

Tgt Ion: 114 Resp: 99887
Ion Ratio Lower Upper
114 100
63 21.4 15.9 23.9
88 15.7 12.7 19.1





#29

1,1-Dichloropropene

Concen: 18.859 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.006 min

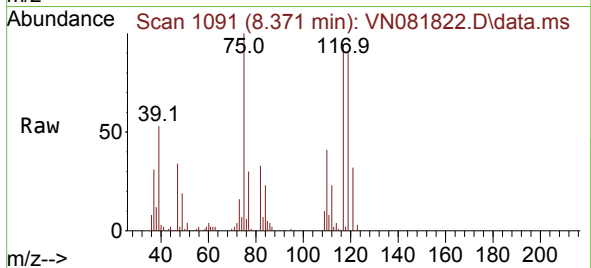
Lab File: VN081822.D

Acq: 22 Apr 2024 12:11

Instrument :

MSVOA_N

ClientSampleId :



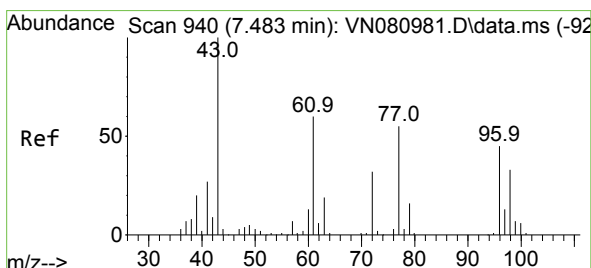
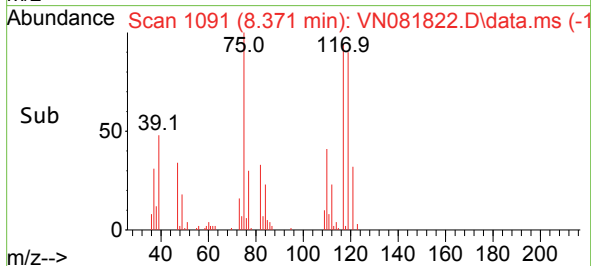
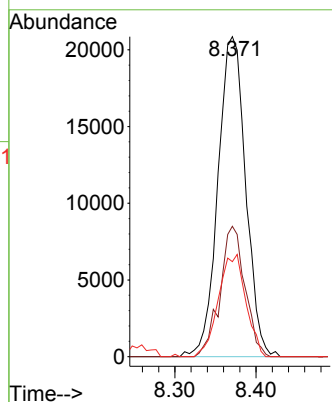
Tgt Ion: 75 Resp: 49524

Ion Ratio Lower Upper

75 100

110 36.8 0.0 70.2

77 31.7 0.0 61.4



#30

2-Butanone

Concen: 108.280 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.000 min

Lab File: VN081822.D

Acq: 22 Apr 2024 12:11

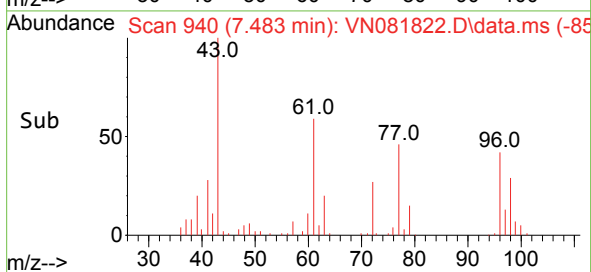
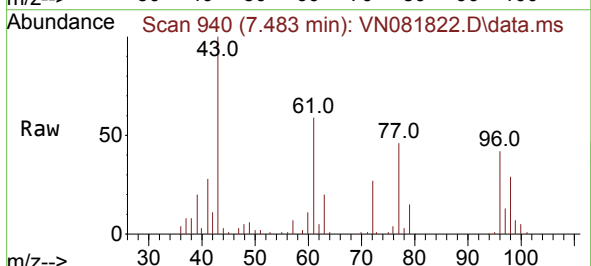
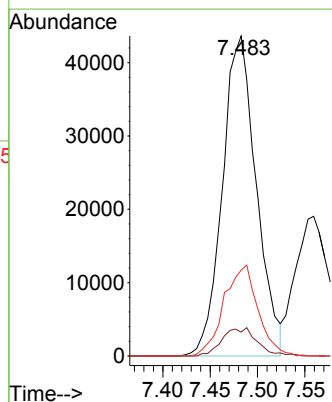
Tgt Ion: 43 Resp: 108595

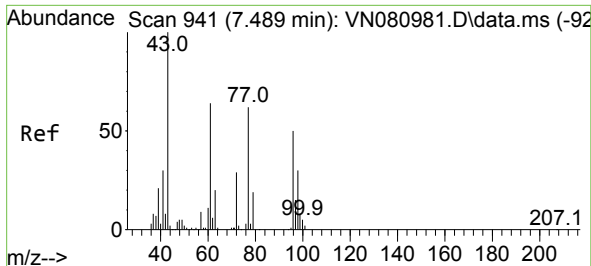
Ion Ratio Lower Upper

43 100

57 5.3 6.7 10.1#

72 28.4 24.0 36.0

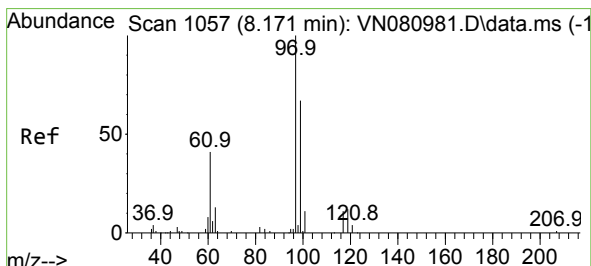
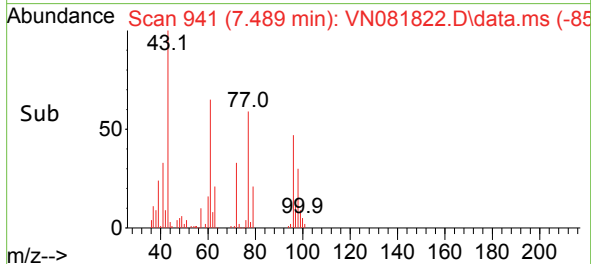
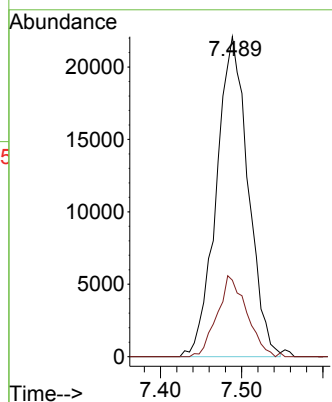
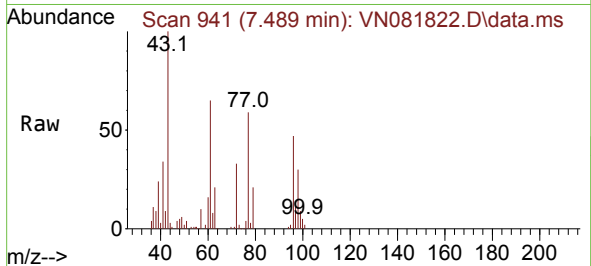




#31
2,2-Dichloropropane
Concen: 18.384 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11

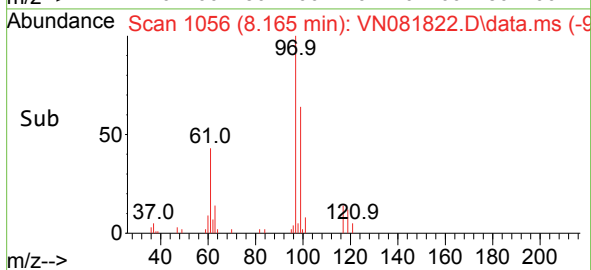
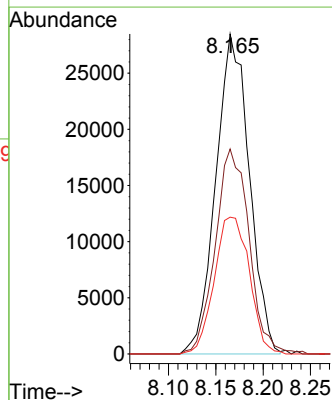
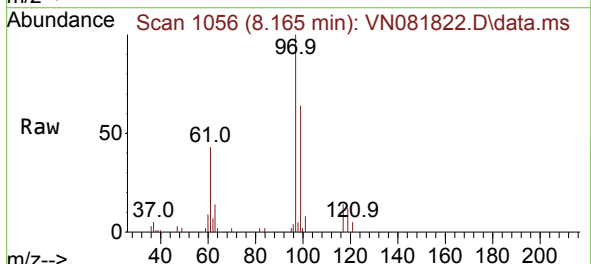
Instrument :
MSVOA_N
ClientSampleId :

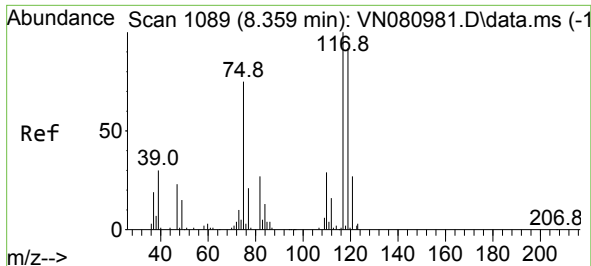
Tgt Ion: 77 Resp: 60134
Ion Ratio Lower Upper
77 100
97 23.4 18.3 27.5



#32
1,1,1-Trichloroethane
Concen: 19.391 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11

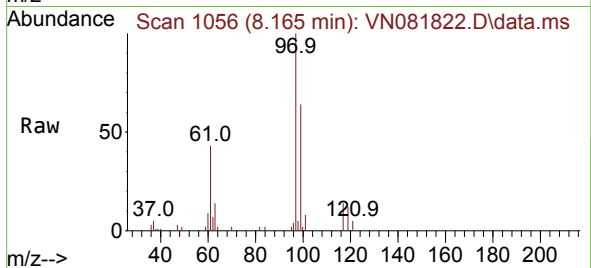
Tgt Ion: 97 Resp: 70182
Ion Ratio Lower Upper
97 100
99 64.6 51.0 76.4
61 44.6 33.8 50.8



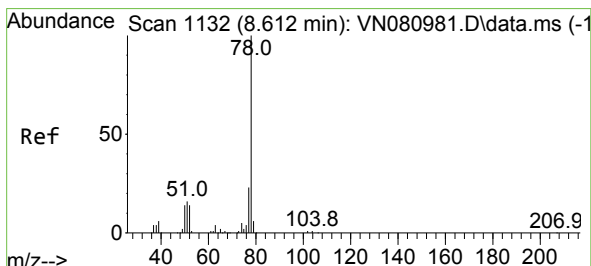
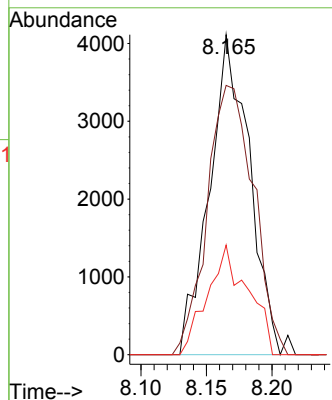
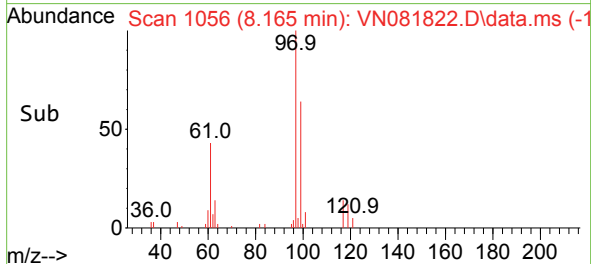


#33
Carbon Tetrachloride
Concen: 2.647 ug/l
RT: 8.165 min Scan# 1105
Delta R.T. -0.200 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11

Instrument :
MSVOA_N
ClientSampleId :

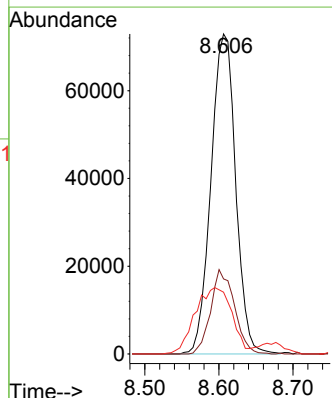
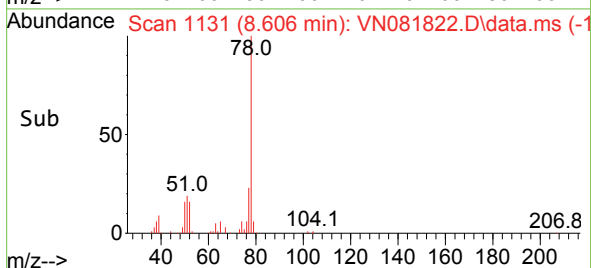
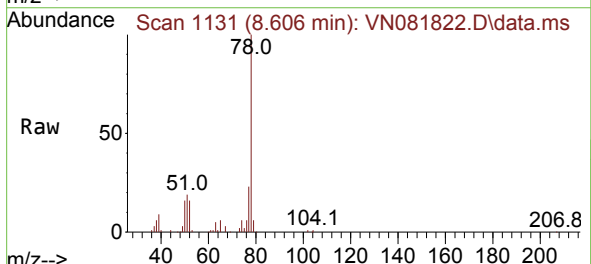


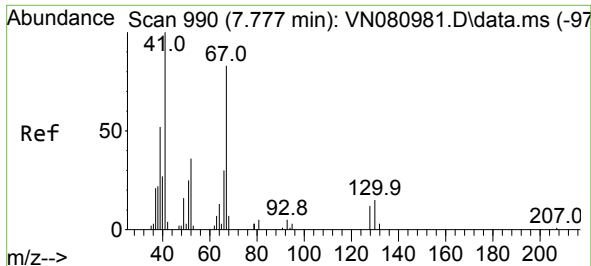
Tgt Ion:117 Resp: 8685
Ion Ratio Lower Upper
117 100
119 80.5 77.7 116.5
121 34.3 27.0 40.6



#34
Benzene
Concen: 19.968 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11

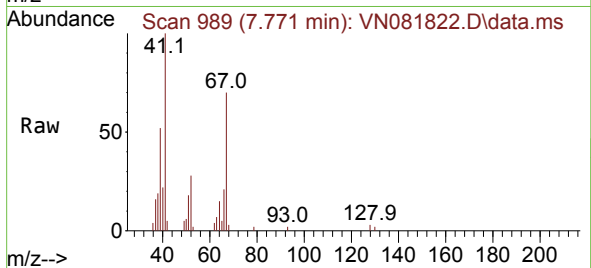
Tgt Ion: 78 Resp: 168919
Ion Ratio Lower Upper
78 100
77 23.4 19.2 28.8
51 17.4 13.3 19.9



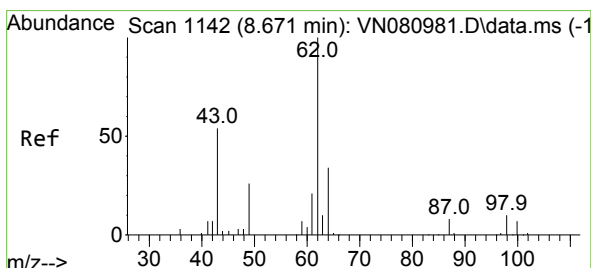
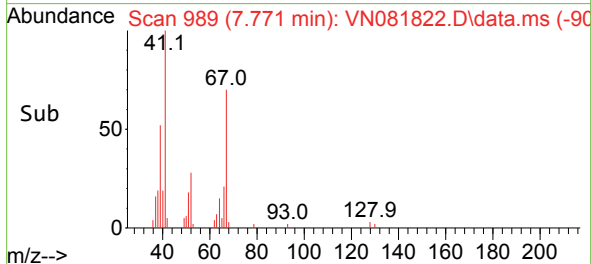
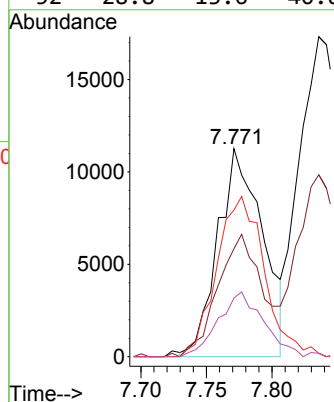


#35
Methacrylonitrile
Concen: 23.508 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11

Instrument :
MSVOA_N
ClientSampleId :

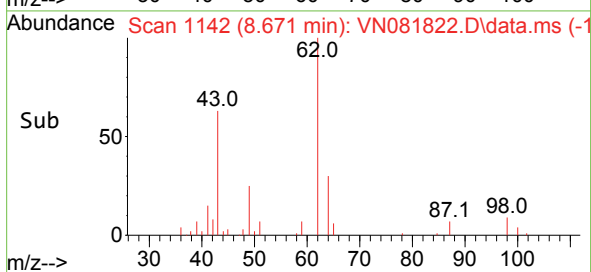
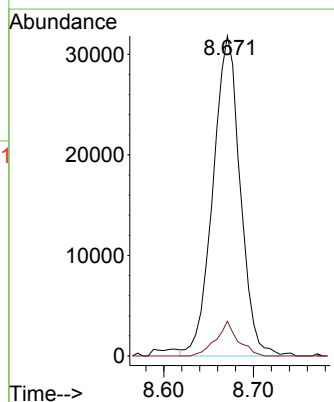
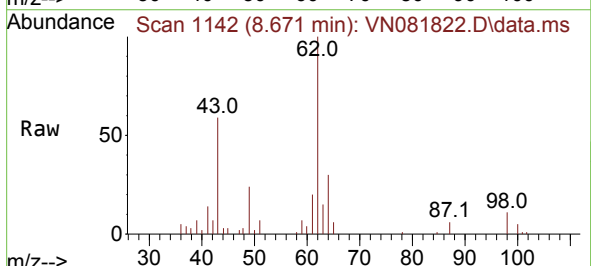


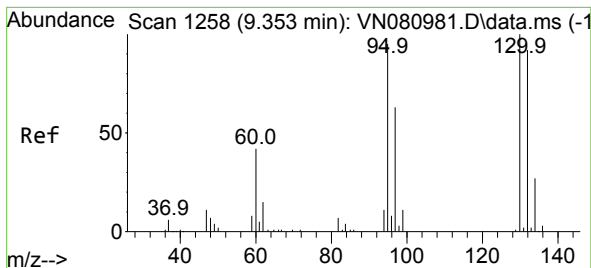
Tgt Ion:	41	Resp:	26704
Ion Ratio	Lower	Upper	
41	100		
39	53.0	25.3	75.9
67	71.9	38.7	116.1
52	28.8	13.6	40.8



#36
1,2-Dichloroethane
Concen: 24.203 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11

Tgt Ion:	62	Resp:	67157
Ion Ratio	Lower	Upper	
62	100		
98	8.7	8.2	12.4





#37

Trichloroethene

Concen: 18.666 ug/l

RT: 9.359 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081822.D

Acq: 22 Apr 2024 12:11

Instrument :

MSVOA_N

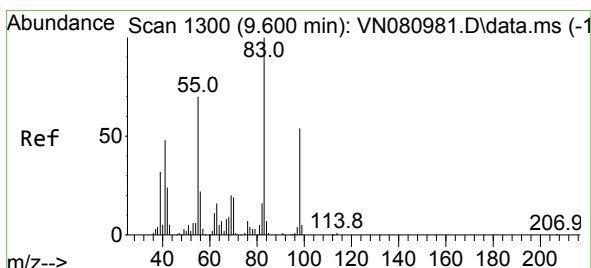
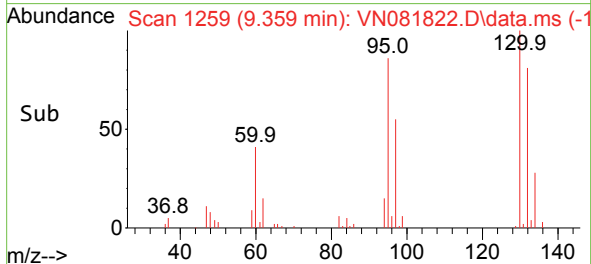
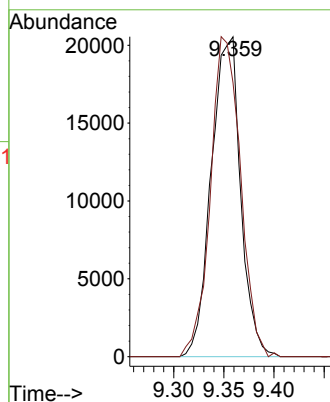
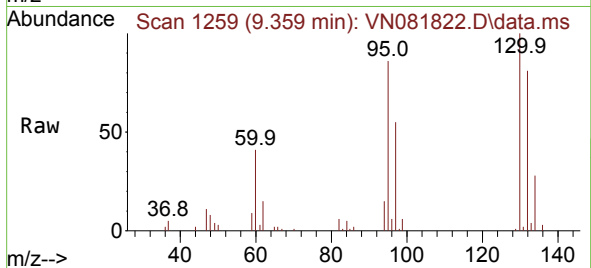
ClientSampleId :

Tgt Ion:130 Resp: 41785

Ion Ratio Lower Upper

130 100

95 85.7 80.2 120.4



#38

Methylcyclohexane

Concen: 15.013 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.006 min

Lab File: VN081822.D

Acq: 22 Apr 2024 12:11

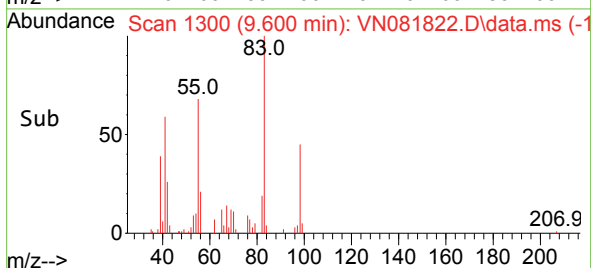
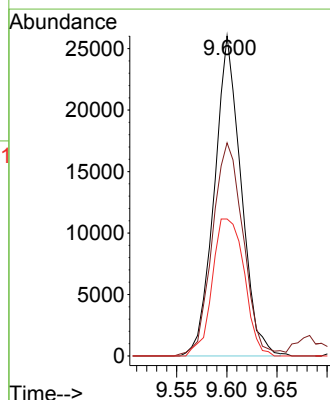
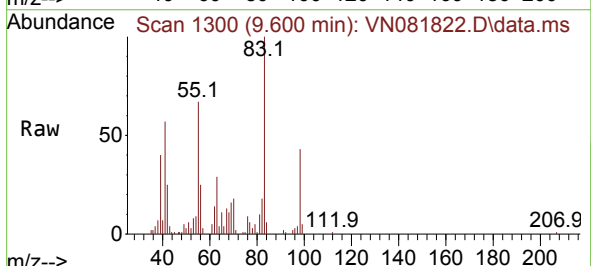
Tgt Ion: 83 Resp: 48186

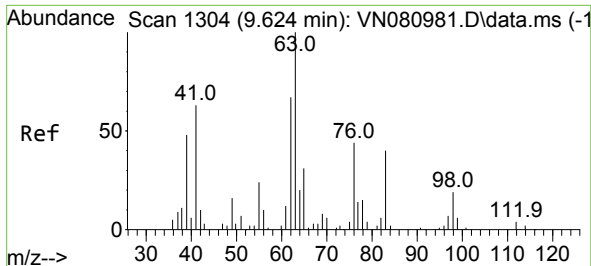
Ion Ratio Lower Upper

83 100

55 77.1 36.6 109.9

98 51.3 23.8 71.5





#39

1,2-Dichloropropane

Concen: 22.346 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN081822.D

Acq: 22 Apr 2024 12:11

Instrument :

MSVOA_N

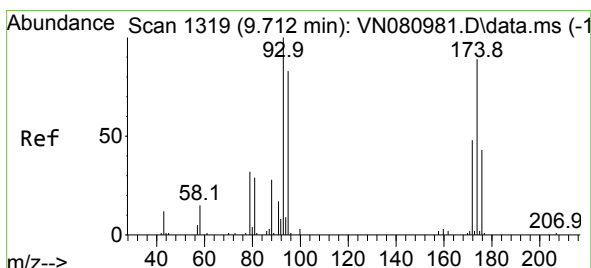
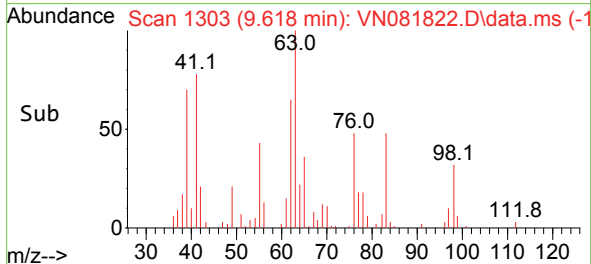
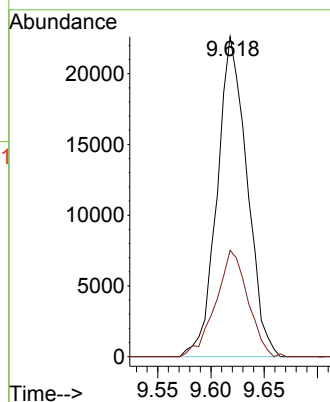
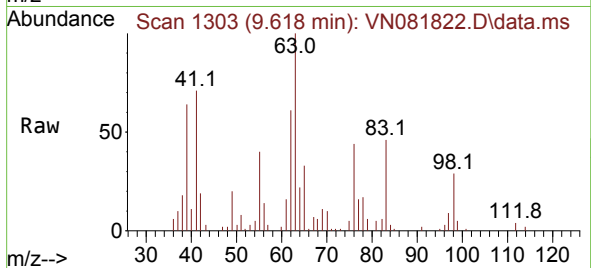
ClientSampleId :

Tgt Ion: 63 Resp: 44101

Ion Ratio Lower Upper

63 100

65 33.2 25.0 37.4



#40

Dibromomethane

Concen: 21.126 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN081822.D

Acq: 22 Apr 2024 12:11

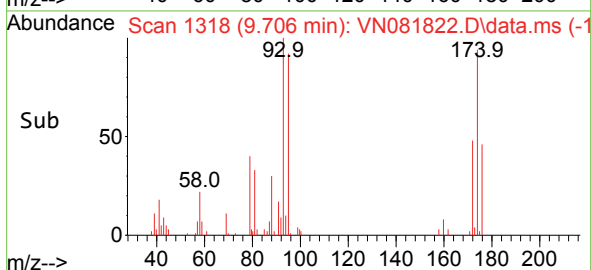
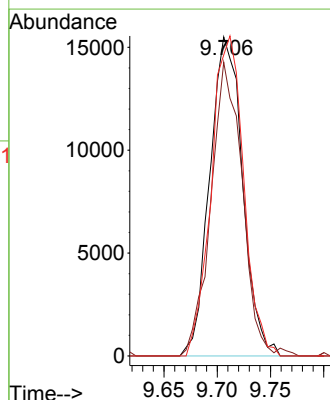
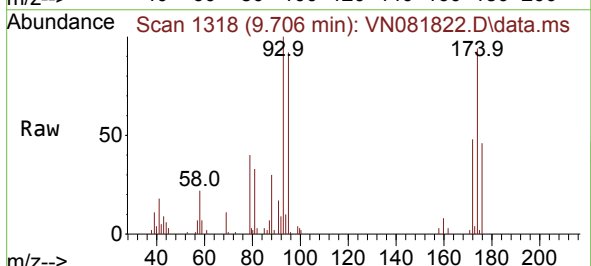
Tgt Ion: 93 Resp: 33212

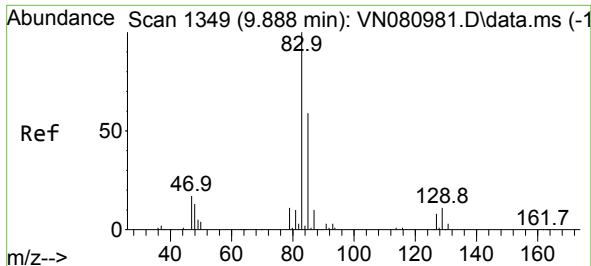
Ion Ratio Lower Upper

93 100

95 87.3 0.0 164.6

174 98.8 0.0 193.2

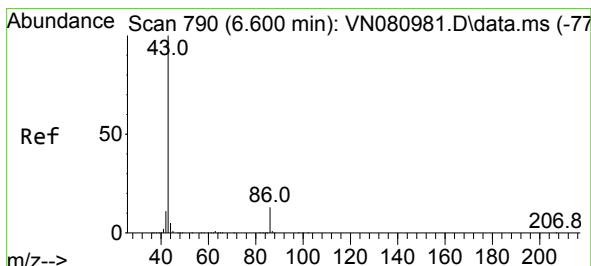
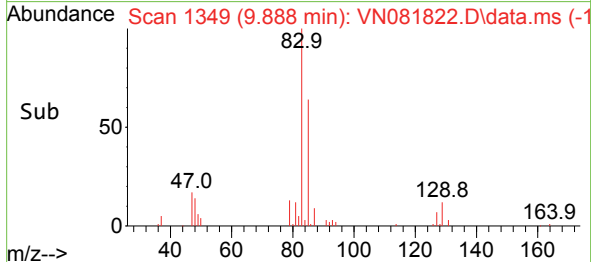
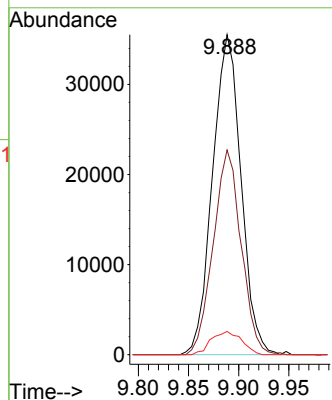
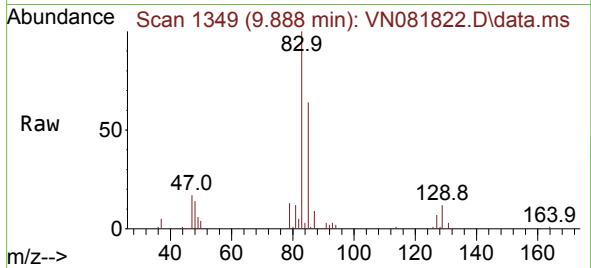




#41
Bromodichloromethane
Concen: 21.853 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11

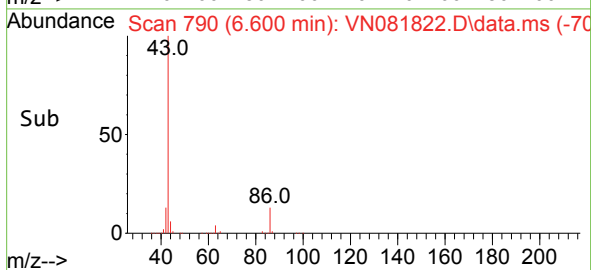
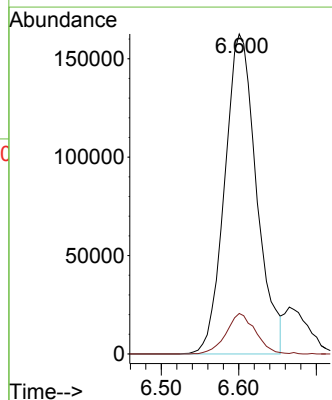
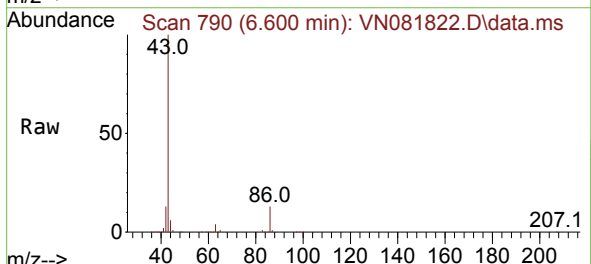
Instrument :
MSVOA_N
ClientSampleId :

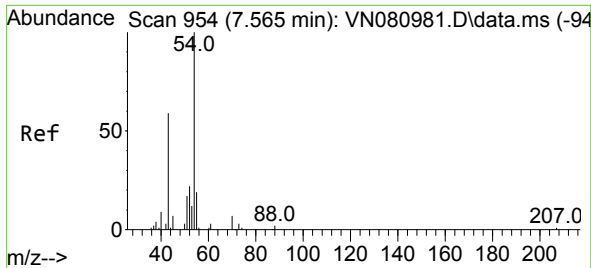
Tgt Ion: 83 Resp: 70056
Ion Ratio Lower Upper
83 100
85 64.0 49.4 74.2
127 7.2 7.3 10.9#



#42
Vinyl Acetate
Concen: 111.335 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.006 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11

Tgt Ion: 43 Resp: 465150
Ion Ratio Lower Upper
43 100
86 11.7 9.4 14.2

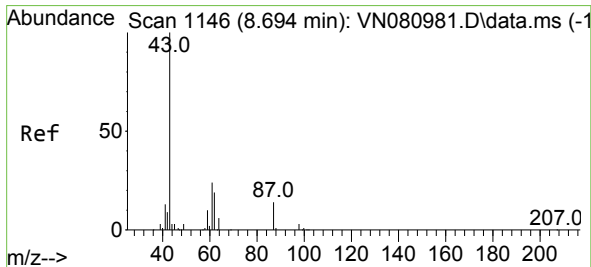
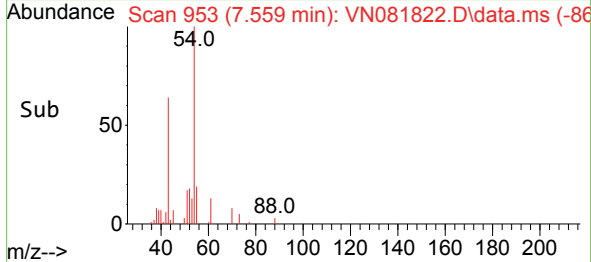
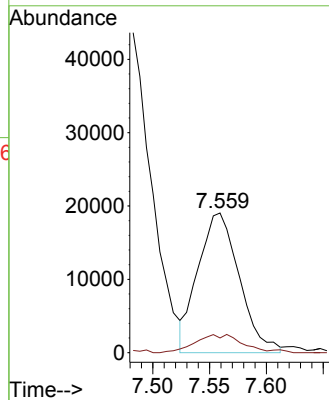
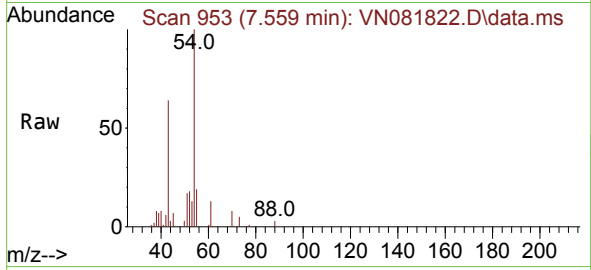




#43
Ethyl Acetate
Concen: 21.802 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11

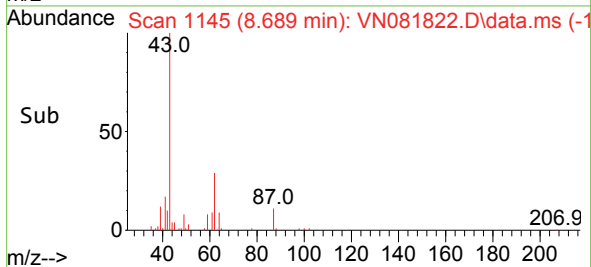
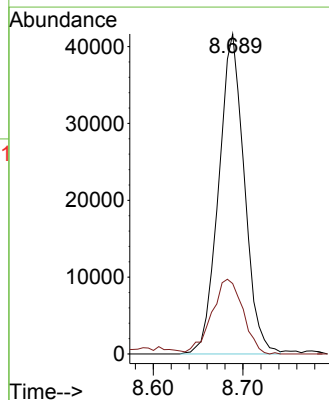
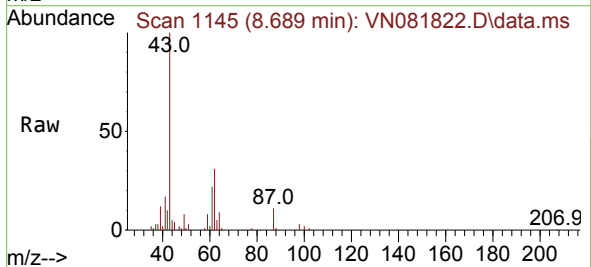
Instrument :
MSVOA_N
ClientSampleId :

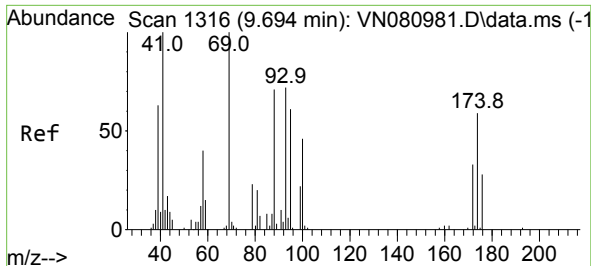
Tgt Ion: 43 Resp: 48189
Ion Ratio Lower Upper
43 100
45 8.3 10.6 15.8#



#44
Isopropyl Acetate
Concen: 22.312 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11

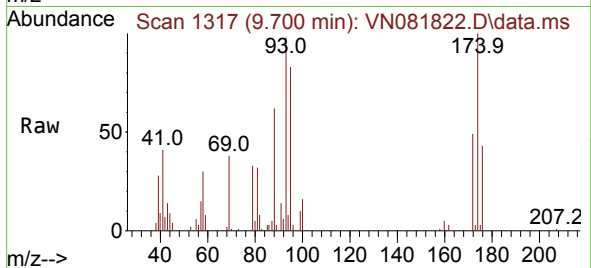
Tgt Ion: 43 Resp: 82632
Ion Ratio Lower Upper
43 100
61 28.4 25.0 37.4



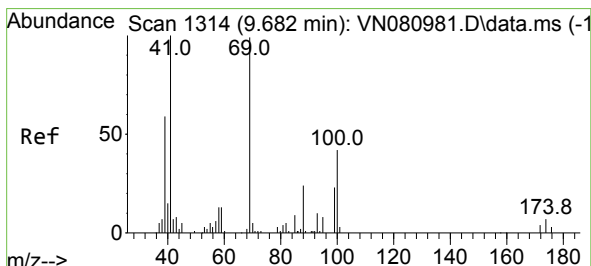
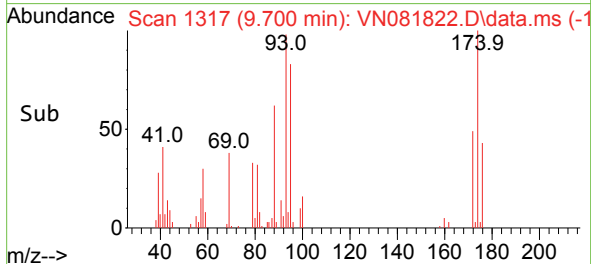
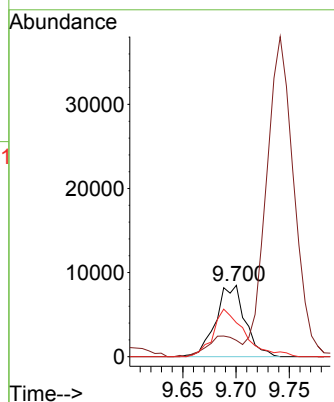


#45
1,4-Dioxane
Concen: 396.476 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11

Instrument :
MSVOA_N
ClientSampleId :

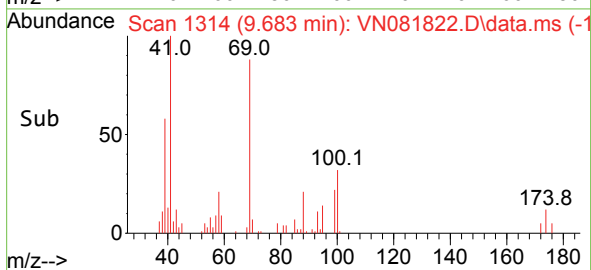
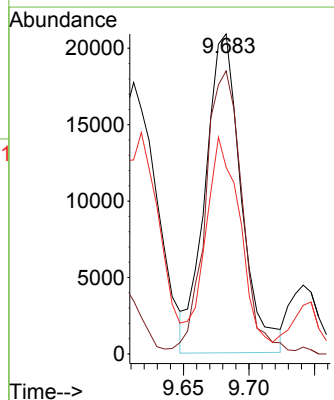
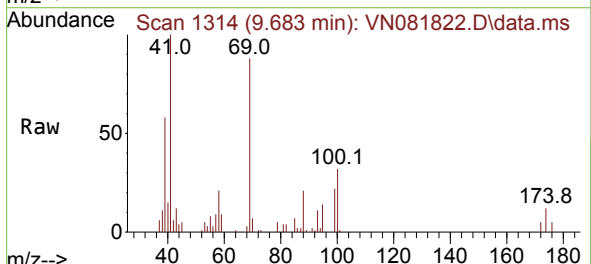


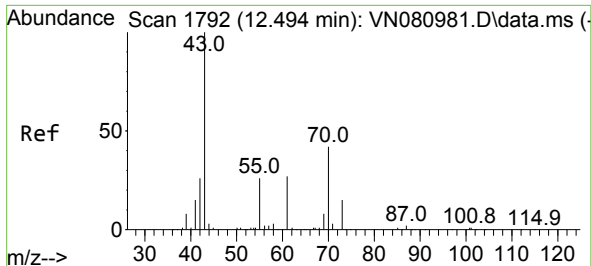
Tgt Ion: 88 Resp: 16209
Ion Ratio Lower Upper
88 100
43 30.9 19.8 29.6#
58 69.4 55.4 83.0



#46
Methyl methacrylate
Concen: 23.863 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11

Tgt Ion: 41 Resp: 39742
Ion Ratio Lower Upper
41 100
69 92.0 51.1 153.3
39 56.9 25.8 77.3

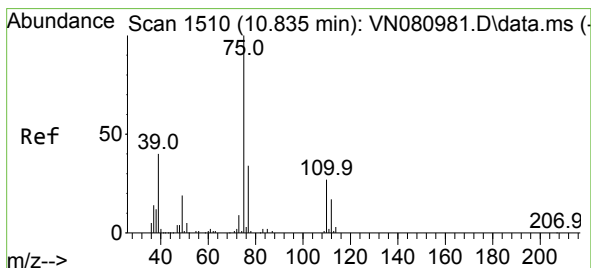
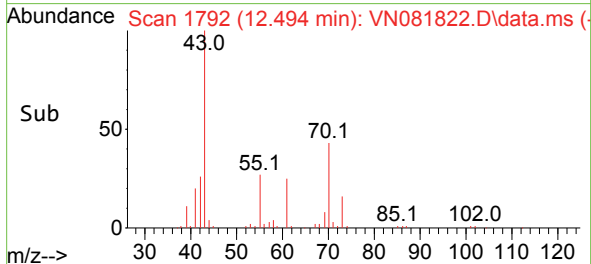
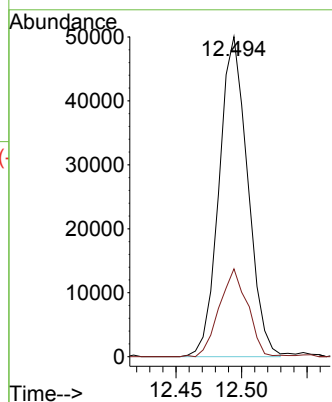
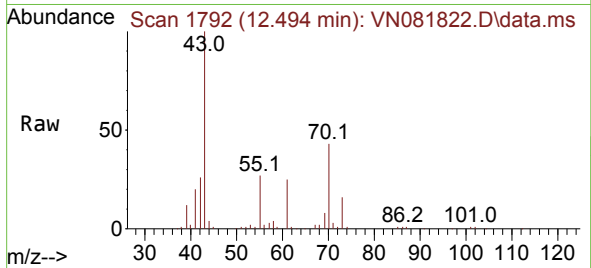




#47
n-amyl acetate
Concen: 22.843 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11

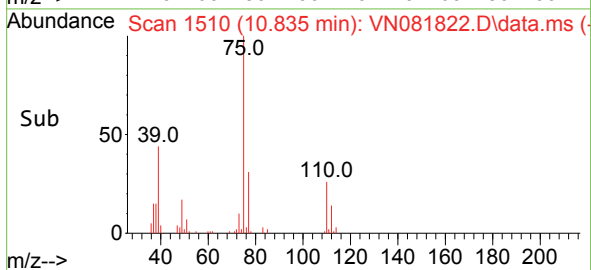
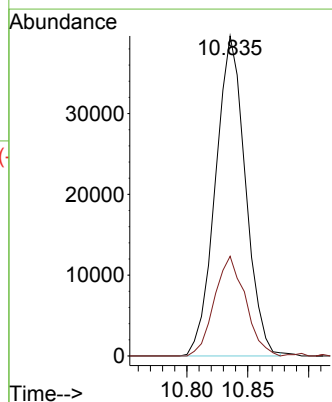
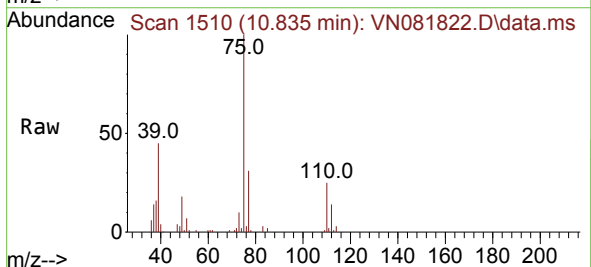
Instrument :
MSVOA_N
ClientSampleId :

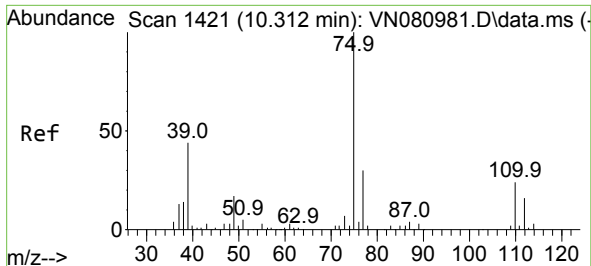
Tgt Ion: 43 Resp: 75912
Ion Ratio Lower Upper
43 100
55 27.0 23.4 35.2



#48
t-1,3-Dichloropropene
Concen: 22.250 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11

Tgt Ion: 75 Resp: 67957
Ion Ratio Lower Upper
75 100
77 31.1 23.8 35.6

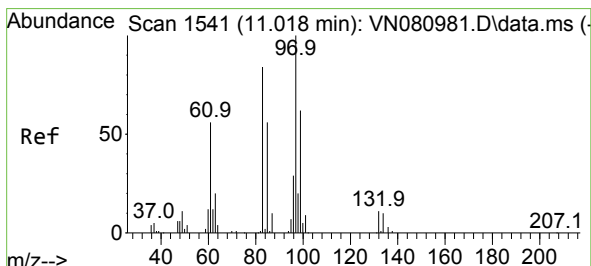
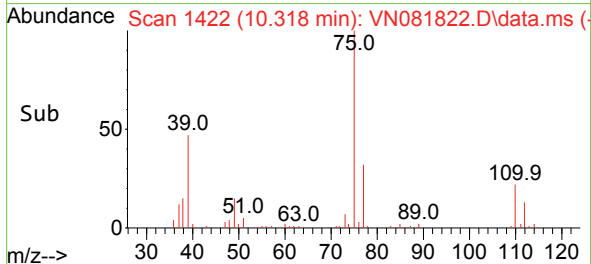
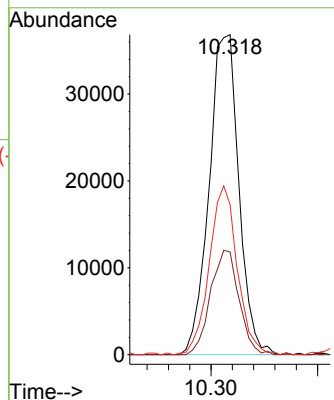
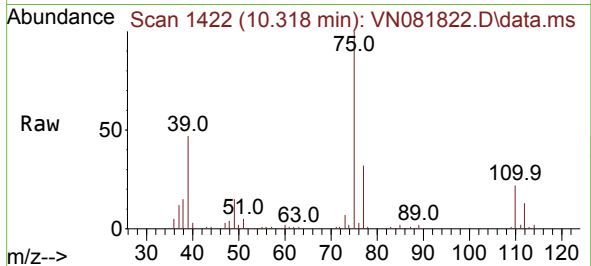




#49
 cis-1,3-Dichloropropene
 Concen: 21.692 ug/l
 RT: 10.318 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN081822.D
 Acq: 22 Apr 2024 12:11

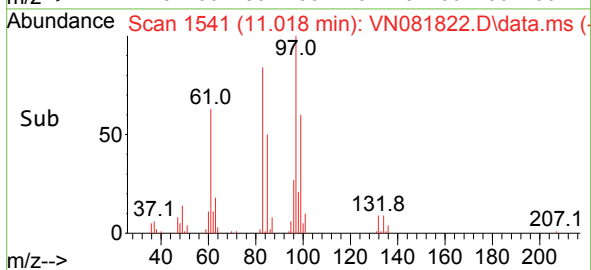
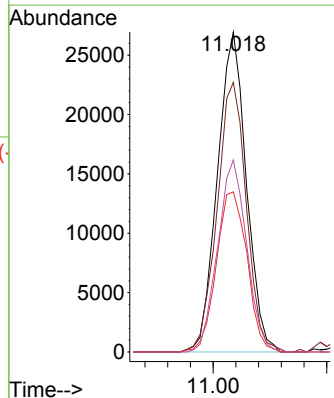
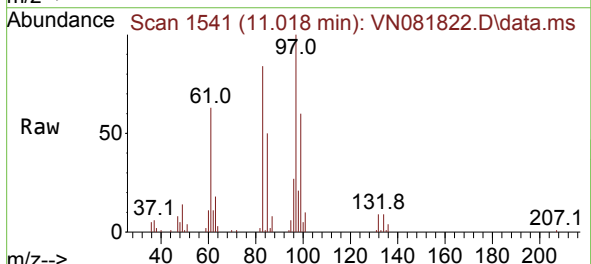
Instrument :
 MSVOA_N
 ClientSampleId :

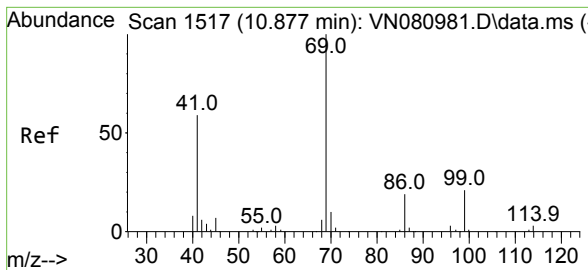
Tgt Ion: 75 Resp: 71345
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.9 37.3
 39 46.9 31.0 46.6#



#50
 1,1,2-Trichloroethane
 Concen: 22.609 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN081822.D
 Acq: 22 Apr 2024 12:11

Tgt Ion: 97 Resp: 47593
 Ion Ratio Lower Upper
 97 100
 83 84.2 68.1 102.1
 85 50.0 41.8 62.6
 99 60.0 47.0 70.4

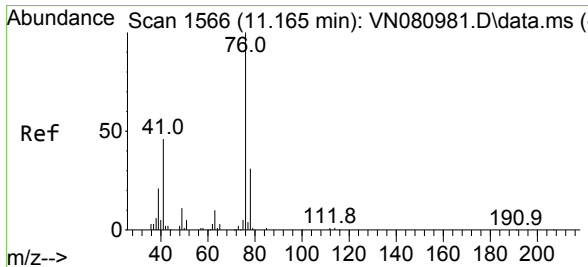
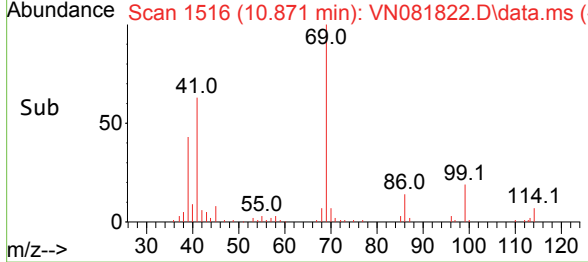
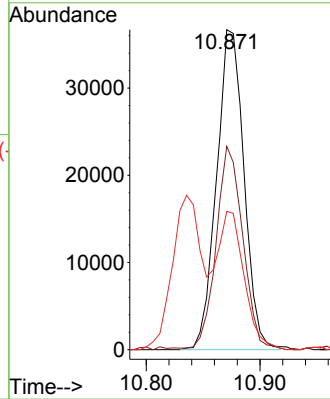
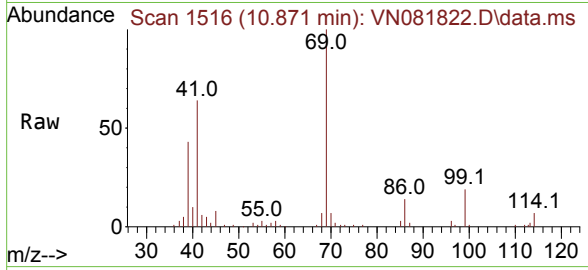




#51
Ethyl methacrylate
Concen: 21.005 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11

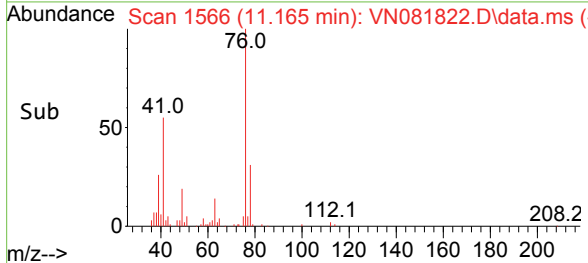
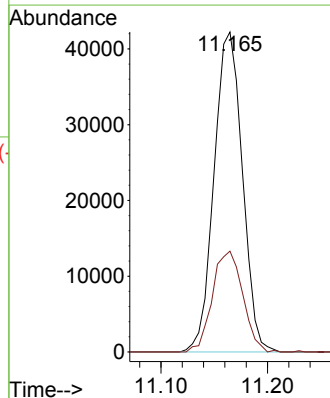
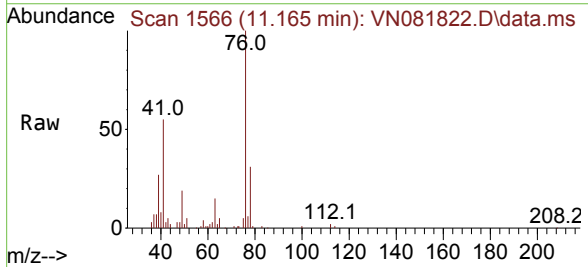
Instrument :
MSVOA_N
ClientSampleId :

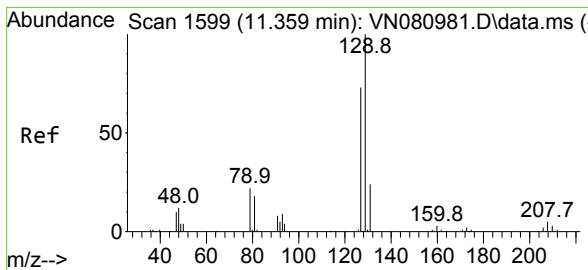
Tgt Ion: 69 Resp: 61567
Ion Ratio Lower Upper
69 100
41 63.1 25.5 76.5
39 42.7 16.0 47.9



#52
1,3-Dichloropropane
Concen: 22.570 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11

Tgt Ion: 76 Resp: 77874
Ion Ratio Lower Upper
76 100
78 33.7 0.0 65.8

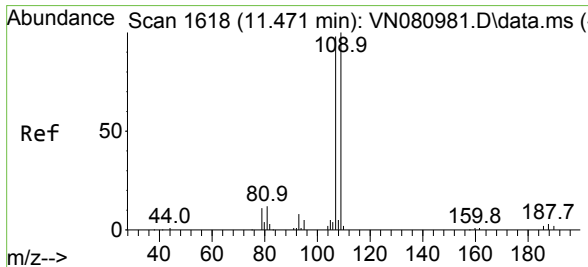
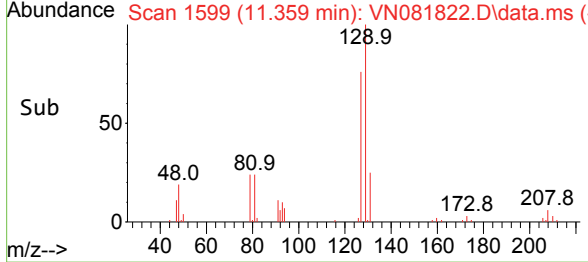
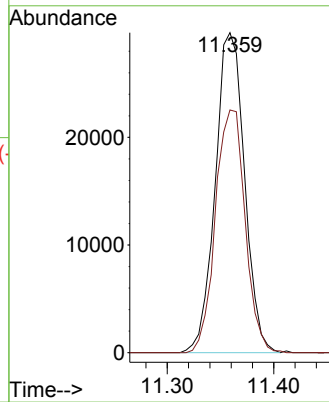
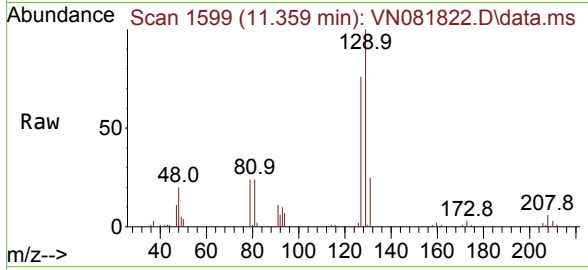




#53
Dibromochloromethane
Concen: 22.546 ug/l
RT: 11.359 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11

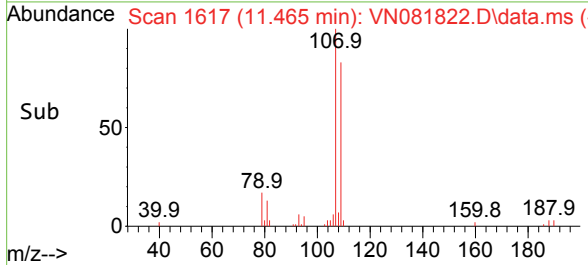
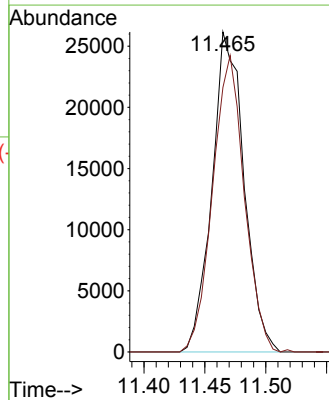
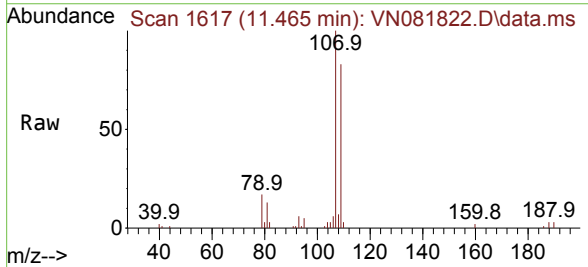
Instrument :
MSVOA_N
ClientSampleId :

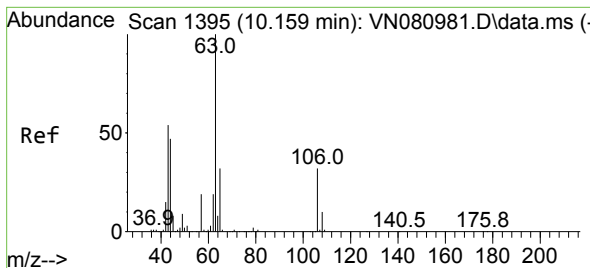
Tgt Ion:129 Resp: 56692
Ion Ratio Lower Upper
129 100
127 76.9 39.4 118.1



#54
1,2-Dibromoethane
Concen: 21.945 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.006 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11

Tgt Ion:107 Resp: 47748
Ion Ratio Lower Upper
107 100
109 91.8 74.7 112.1

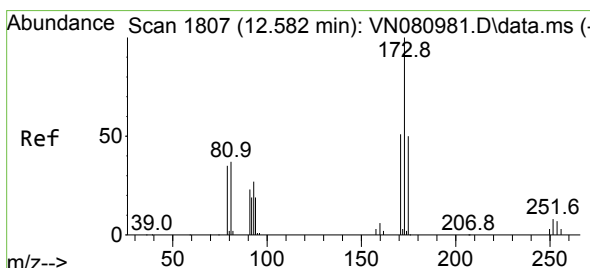
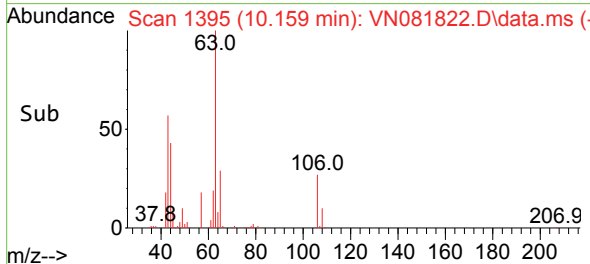
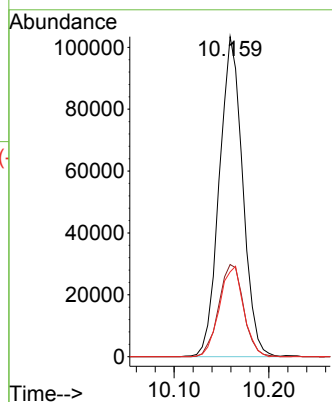
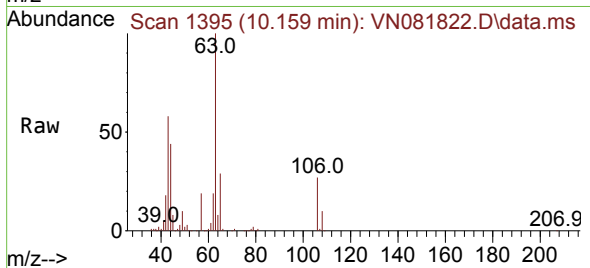




#55
2-Chloroethyl vinyl ether
Concen: 123.076 ug/l
RT: 10.159 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11

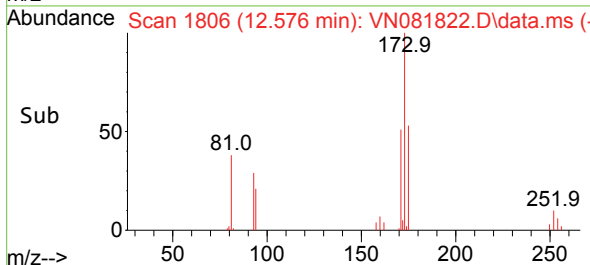
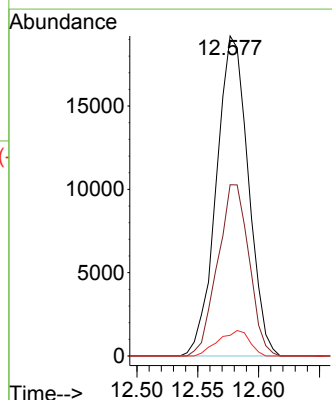
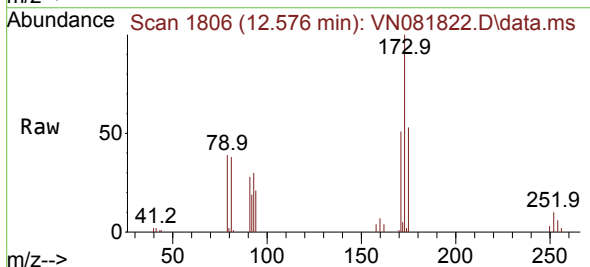
Instrument :
MSVOA_N
ClientSampleId :

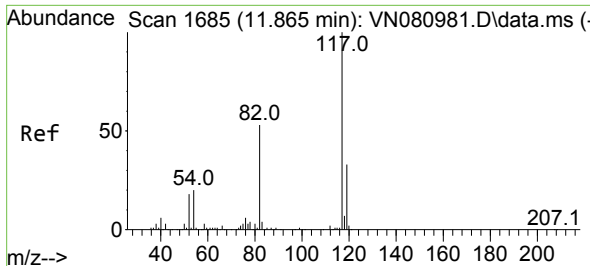
Tgt Ion: 63 Resp: 177146
Ion Ratio Lower Upper
63 100
65 30.6 26.2 39.2
106 29.3 23.8 35.8



#56
Bromoform
Concen: 21.817 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11

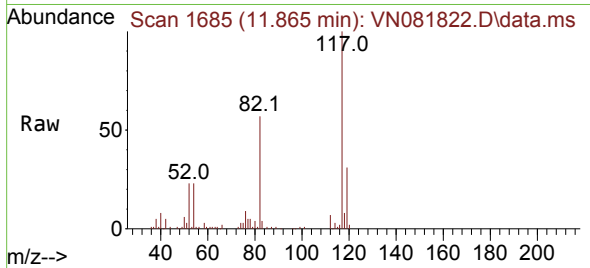
Tgt Ion:173 Resp: 35078
Ion Ratio Lower Upper
173 100
175 52.5 40.0 60.0
254 7.8 8.3 12.5#



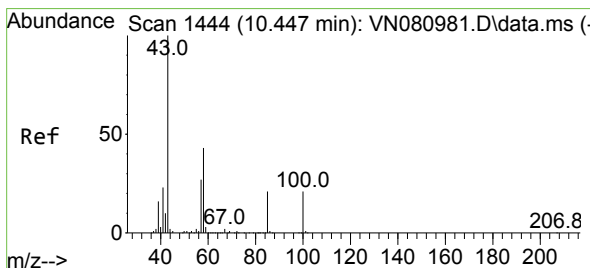
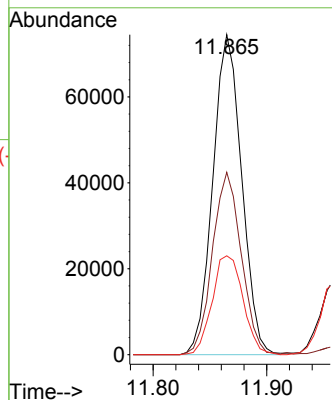
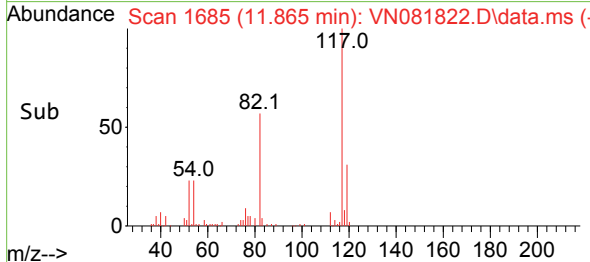


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11

Instrument :
MSVOA_N
ClientSampleId :

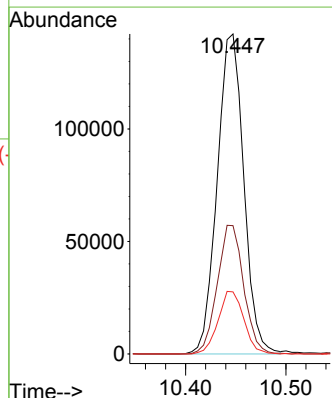
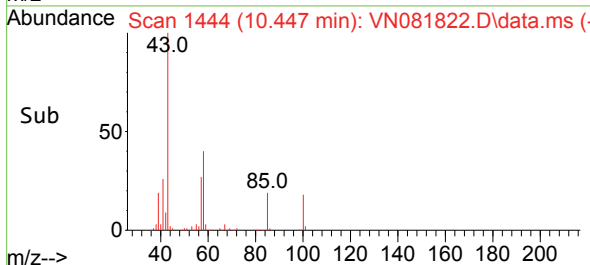
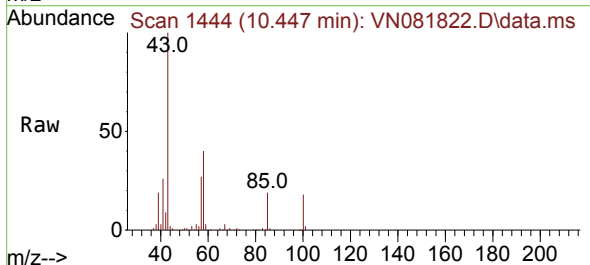


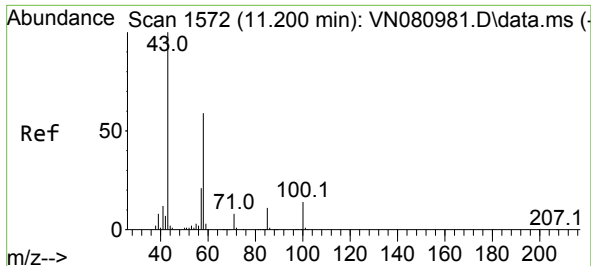
Tgt Ion:117 Resp: 131618
Ion Ratio Lower Upper
117 100
82 57.0 46.6 69.8
119 33.1 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 115.530 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11

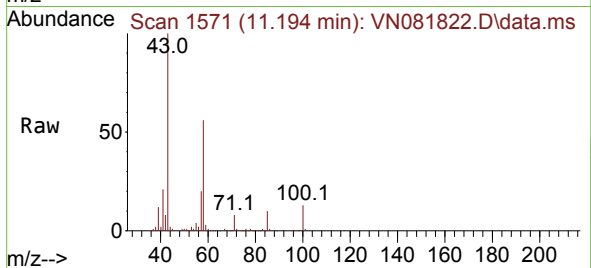
Tgt Ion: 43 Resp: 261496
Ion Ratio Lower Upper
43 100
58 39.9 36.5 54.7
85 18.9 19.5 29.3#



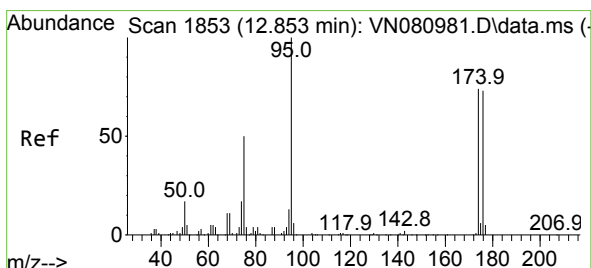
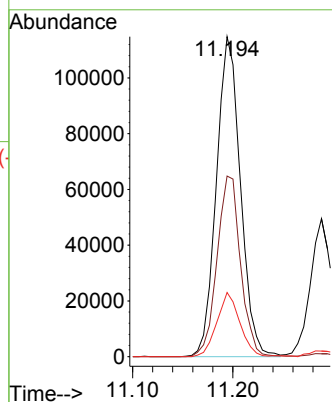
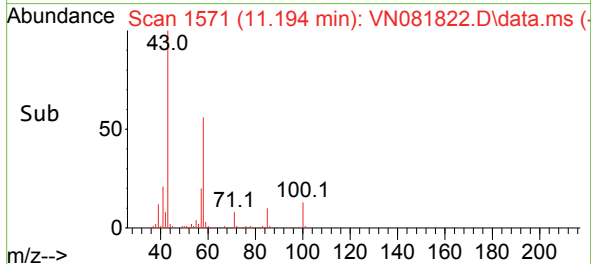


#59
2-Hexanone
Concen: 112.482 ug/l
RT: 11.194 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11

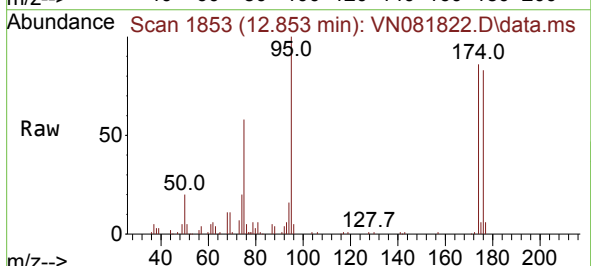
Instrument :
MSVOA_N
ClientSampleId :



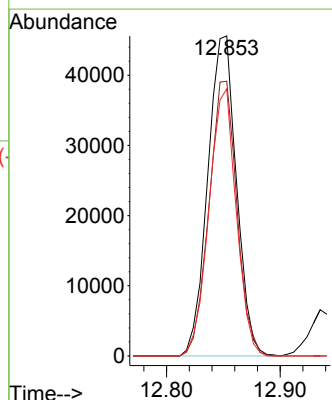
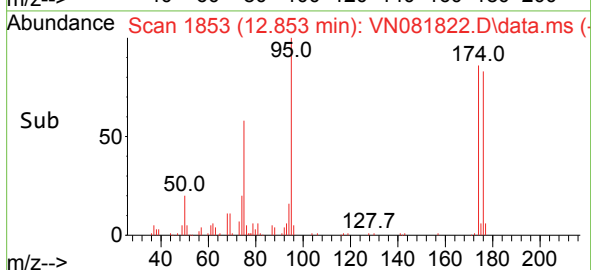
Tgt Ion: 43 Resp: 191204
Ion Ratio Lower Upper
43 100
58 55.2 50.4 75.6
57 19.1 18.6 27.8

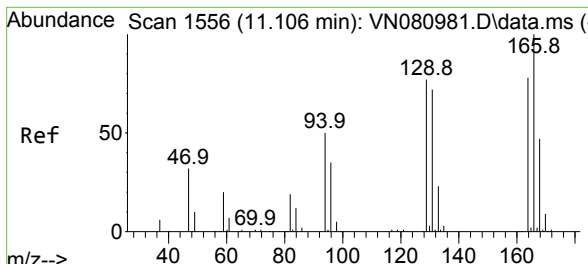


#60
4-Bromofluorobenzene
Concen: 30.903 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11



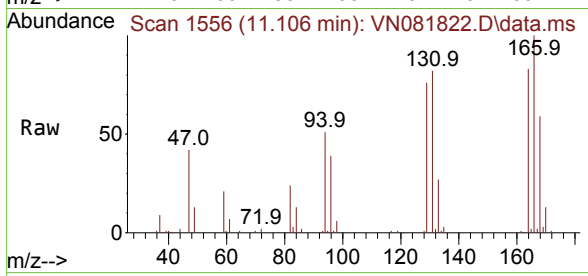
Tgt Ion: 95 Resp: 79968
Ion Ratio Lower Upper
95 100
174 83.7 60.5 90.7
176 79.3 57.8 86.6





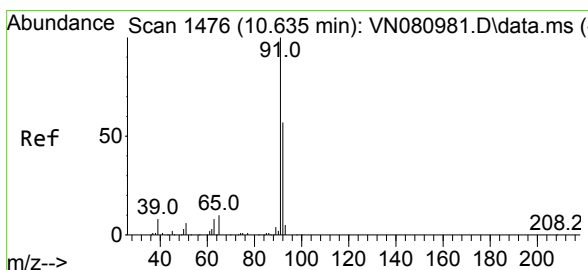
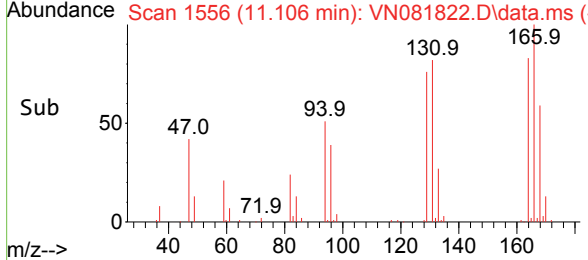
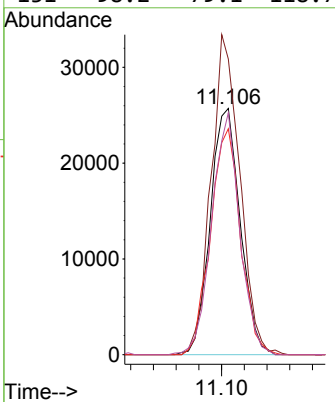
#61
 Tetrachloroethene
 Concen: 19.314 ug/l
 RT: 11.106 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN081822.D
 Acq: 22 Apr 2024 12:11

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:164 Resp: 47104

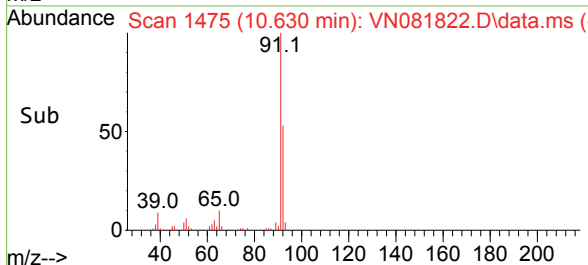
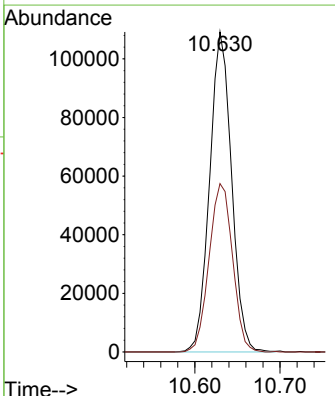
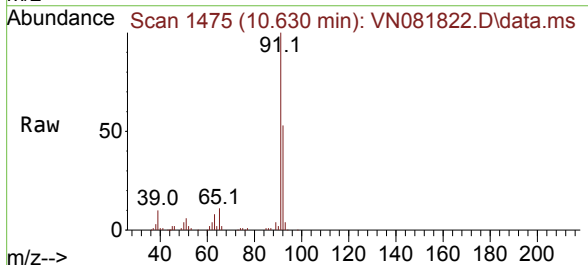
Ion	Ratio	Lower	Upper
164	100		
166	120.1	106.7	160.1
129	91.8	85.8	128.6
131	98.2	79.1	118.7

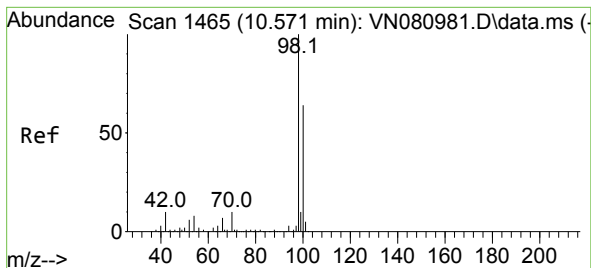


#62
 Toluene
 Concen: 20.413 ug/l
 RT: 10.630 min Scan# 1475
 Delta R.T. 0.000 min
 Lab File: VN081822.D
 Acq: 22 Apr 2024 12:11

Tgt Ion: 91 Resp: 195466

Ion	Ratio	Lower	Upper
91	100		
92	56.2	46.5	69.7





#63

Toluene-d8

Concen: 30.663 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN081822.D

Acq: 22 Apr 2024 12:11

Instrument :

MSVOA_N

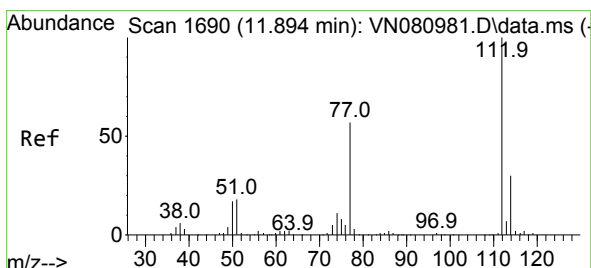
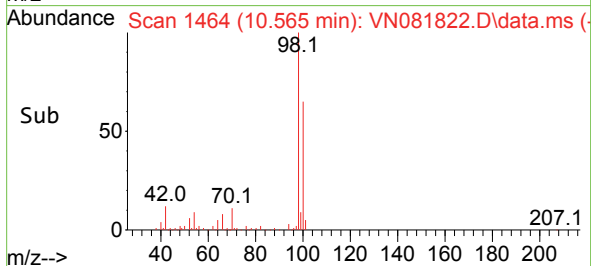
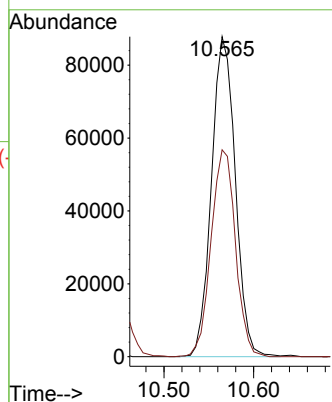
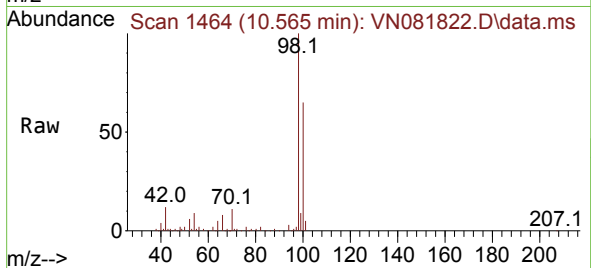
ClientSampleId :

Tgt Ion: 98 Resp: 161887

Ion Ratio Lower Upper

98 100

100 66.2 52.7 79.1



#64

Chlorobenzene

Concen: 20.470 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. -0.006 min

Lab File: VN081822.D

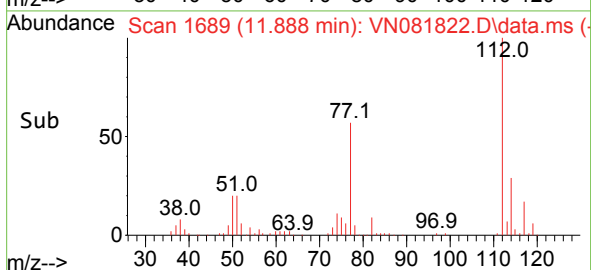
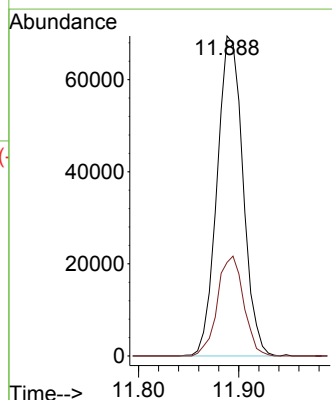
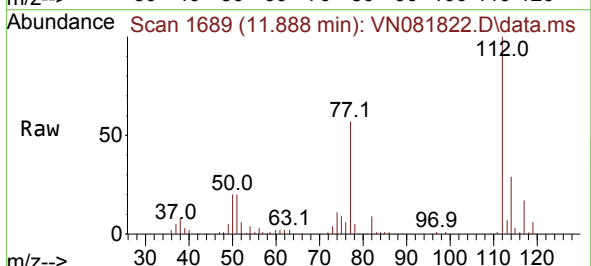
Acq: 22 Apr 2024 12:11

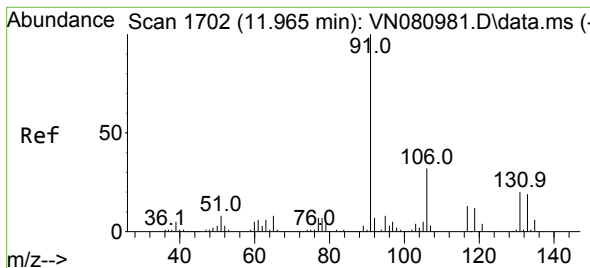
Tgt Ion: 112 Resp: 124289

Ion Ratio Lower Upper

112 100

114 29.3 26.6 39.8

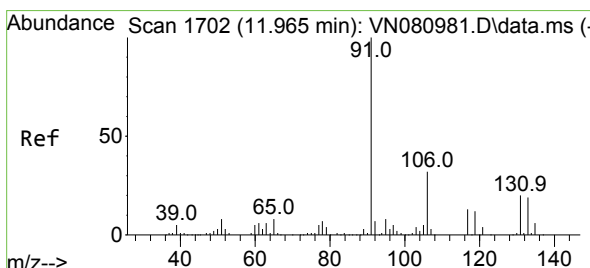
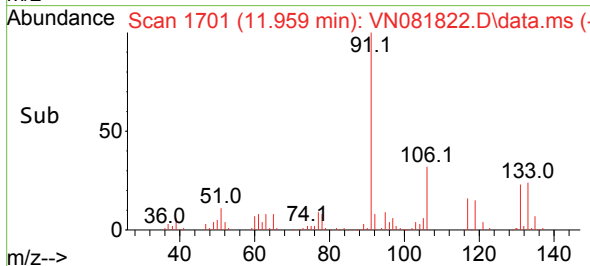
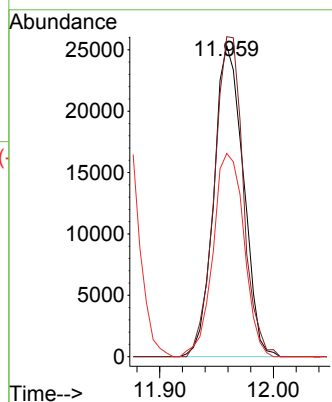
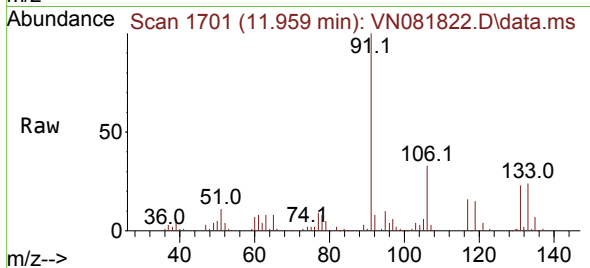




#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.741 ug/l
 RT: 11.959 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VN081822.D
 Acq: 22 Apr 2024 12:11

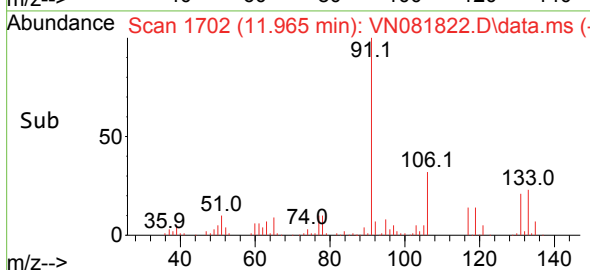
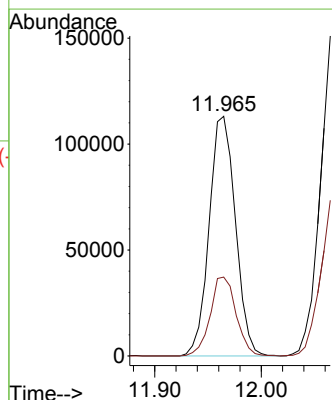
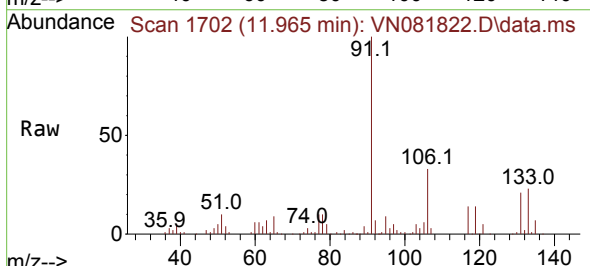
Instrument :
 MSVOA_N
 ClientSampleId :

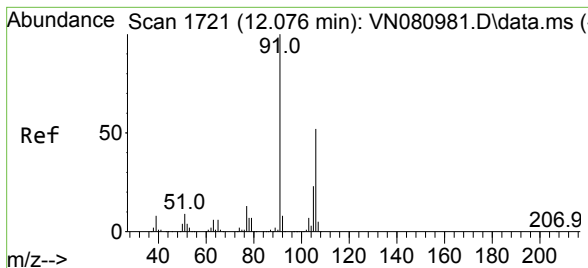
Tgt Ion:131 Resp: 45746
 Ion Ratio Lower Upper
 131 100
 133 100.7 0.0 188.0
 119 68.5 0.0 122.8



#66
 Ethyl Benzene
 Concen: 19.019 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. 0.000 min
 Lab File: VN081822.D
 Acq: 22 Apr 2024 12:11

Tgt Ion: 91 Resp: 193627
 Ion Ratio Lower Upper
 91 100
 106 32.9 24.4 36.6

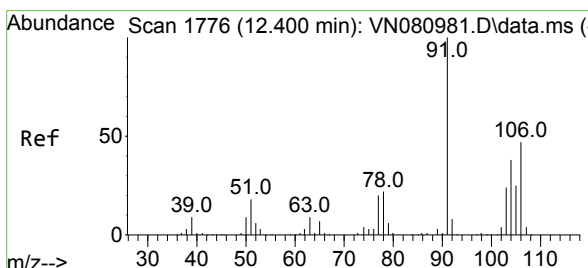
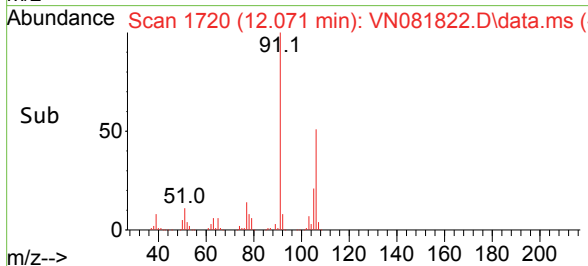
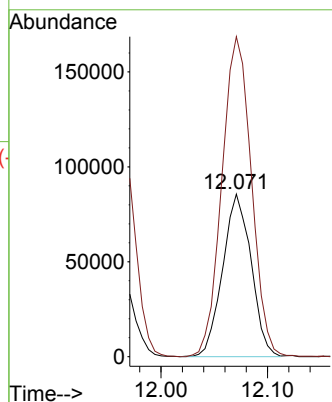
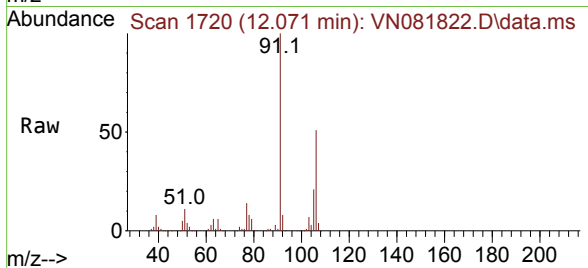




#67
m/p-Xylenes
Concen: 39.514 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11

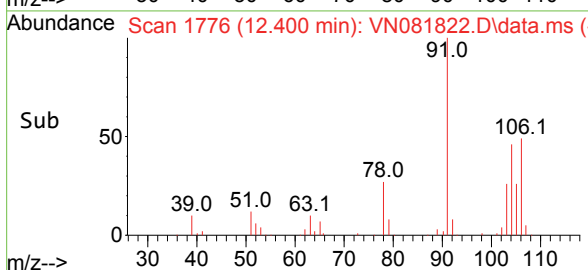
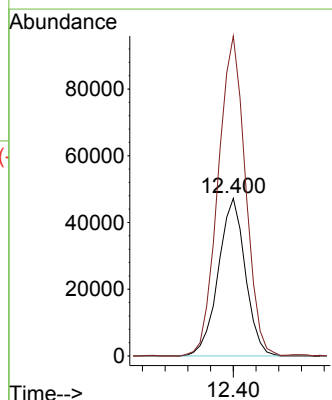
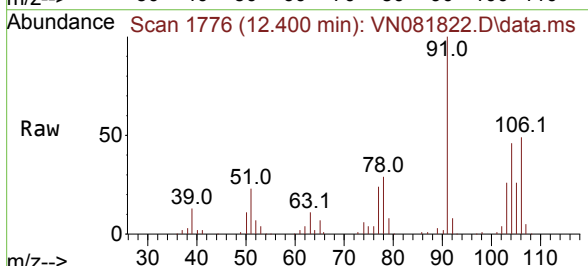
Instrument :
MSVOA_N
ClientSampleId :

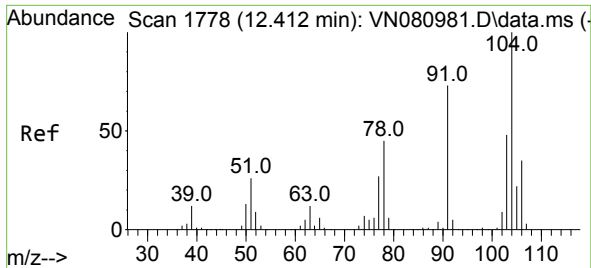
Tgt Ion:106 Resp: 159346
Ion Ratio Lower Upper
106 100
91 203.9 166.6 249.8



#68
o-Xylene
Concen: 20.403 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11

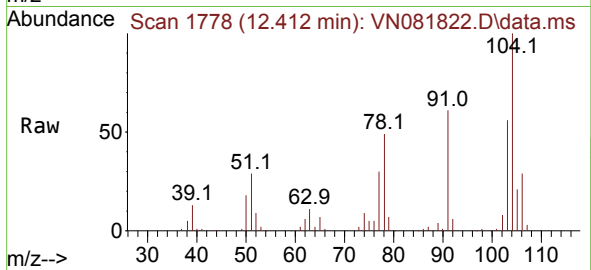
Tgt Ion:106 Resp: 78110
Ion Ratio Lower Upper
106 100
91 205.1 110.0 330.0



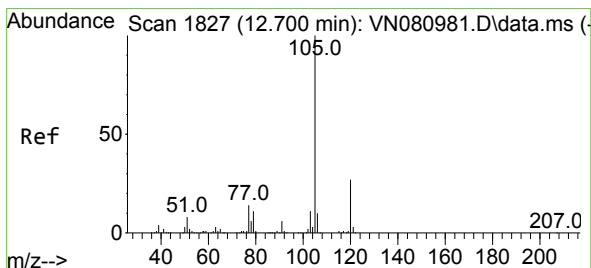
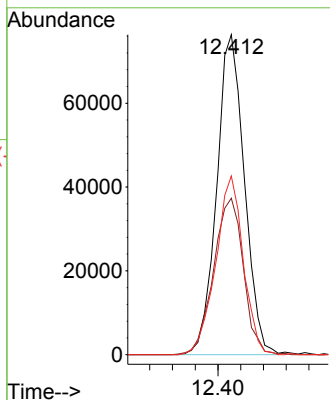
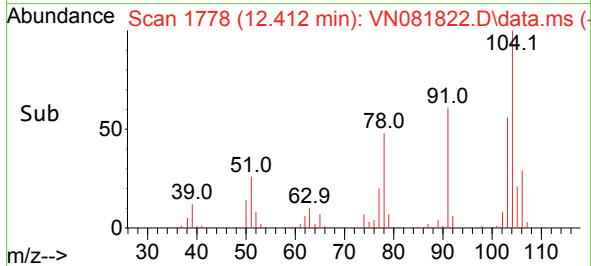


#69
Styrene
Concen: 19.841 ug/l
RT: 12.412 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11

Instrument :
MSVOA_N
ClientSampleId :

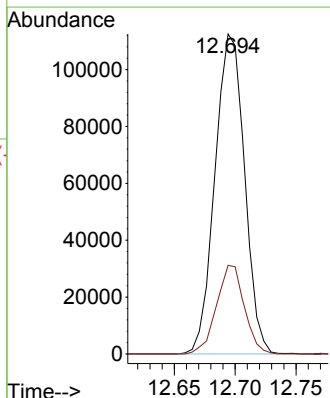
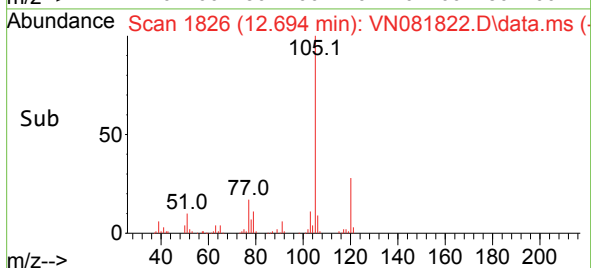
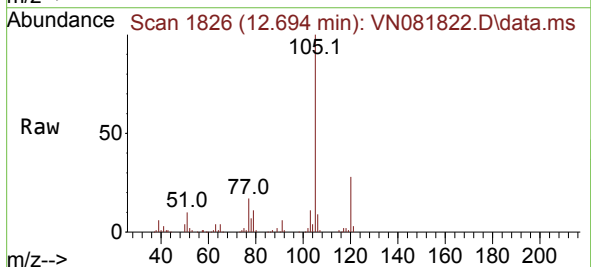


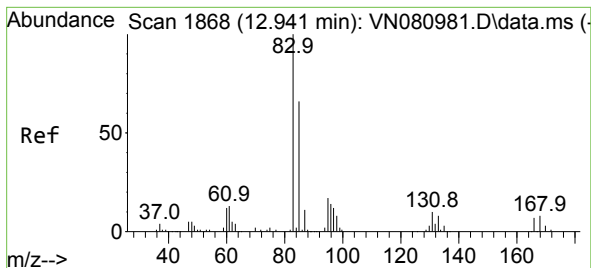
Tgt Ion:104 Resp: 129360
Ion Ratio Lower Upper
104 100
78 52.6 42.6 64.0
103 55.4 43.7 65.5



#70
Isopropylbenzene
Concen: 19.245 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11

Tgt Ion:105 Resp: 190076
Ion Ratio Lower Upper
105 100
120 26.0 17.8 33.1

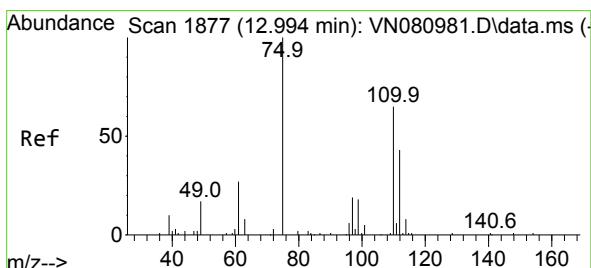
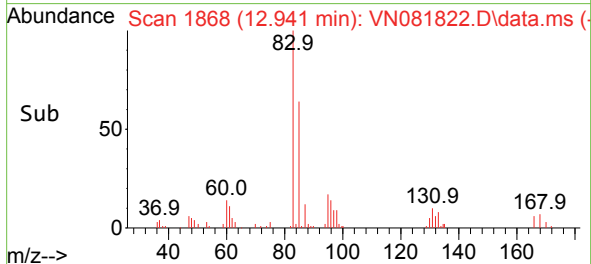
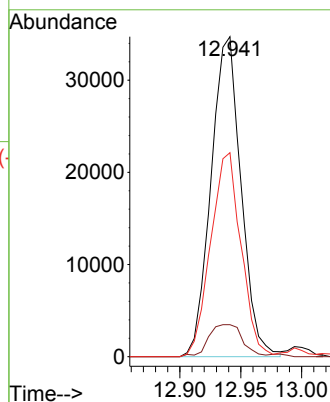
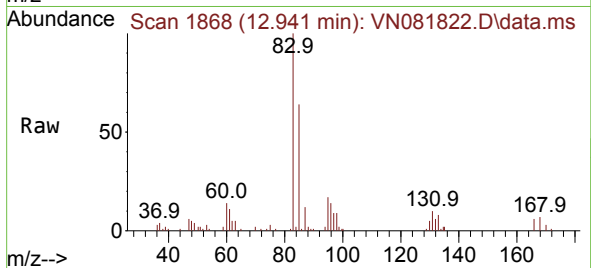




#71
1,1,2,2-Tetrachloroethane
Concen: 23.110 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11

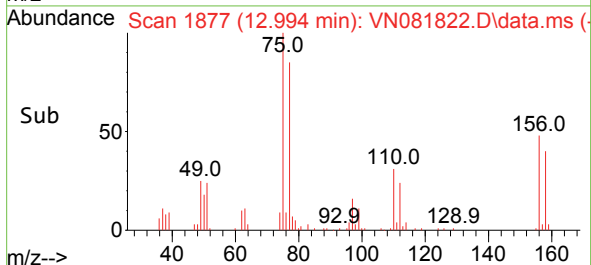
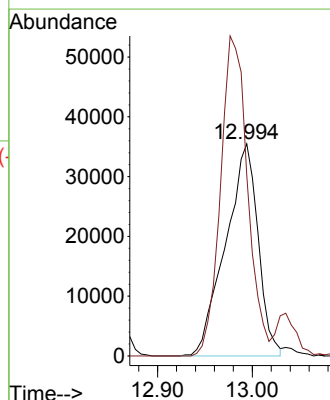
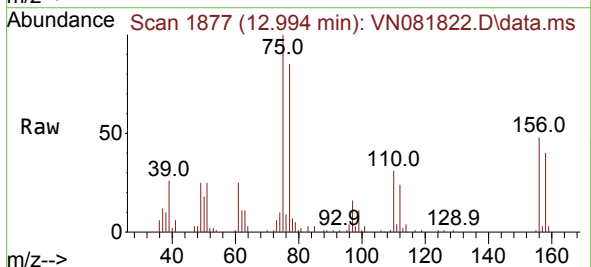
Instrument :
MSVOA_N
ClientSampleId :

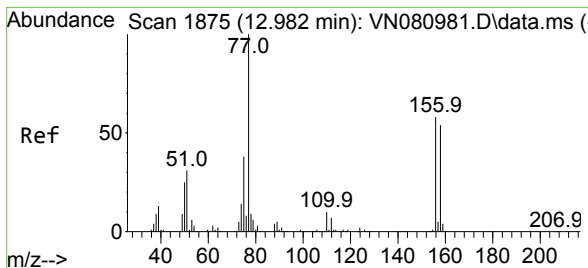
Tgt Ion: 83 Resp: 59622
Ion Ratio Lower Upper
83 100
131 11.3 5.2 15.6
85 64.4 32.3 96.8



#72
1,2,3-Trichloropropane
Concen: 35.329 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11

Tgt Ion: 75 Resp: 84384
Ion Ratio Lower Upper
75 100
77 125.9 0.0 367.6





#73

Bromobenzene

Concen: 21.742 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.006 min

Lab File: VN081822.D

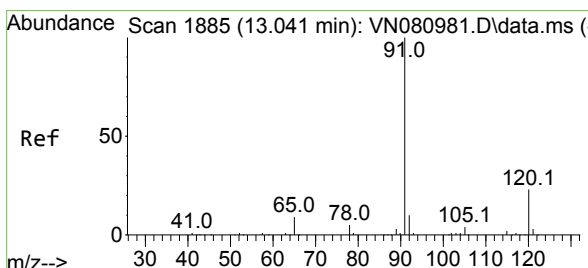
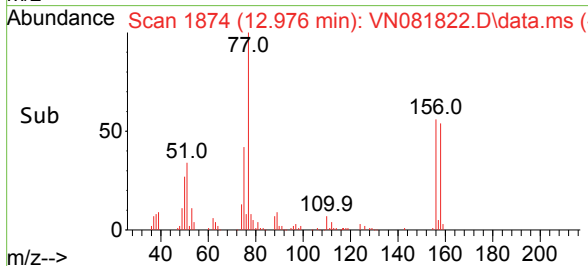
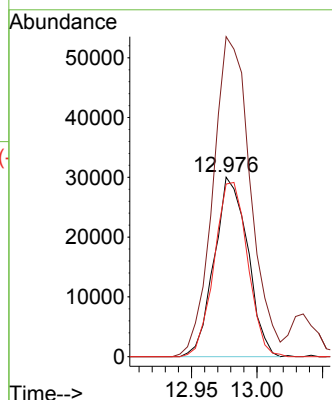
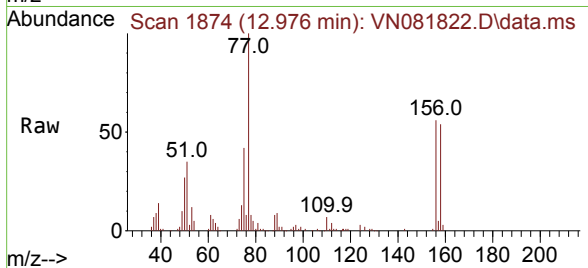
Acq: 22 Apr 2024 12:11

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:156	Resp:	53210
Ion Ratio	Lower	Upper
156	100	
77	199.6	0.0 437.6
158	96.8	0.0 203.8



#74

n-propylbenzene

Concen: 19.014 ug/l

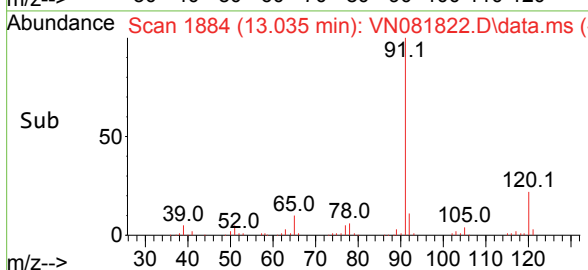
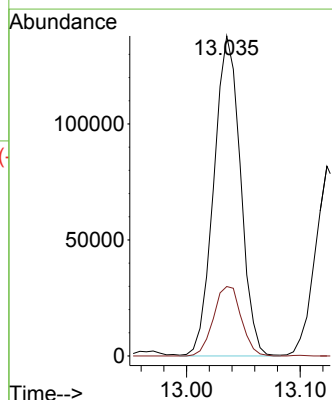
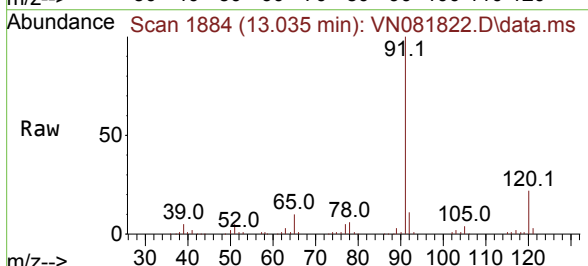
RT: 13.035 min Scan# 1884

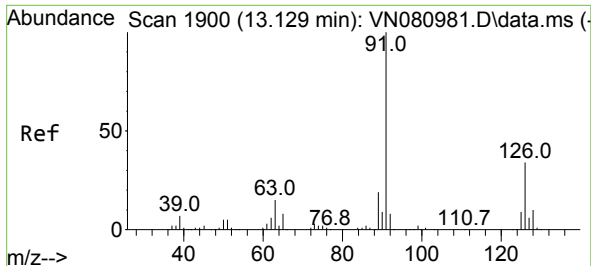
Delta R.T. 0.000 min

Lab File: VN081822.D

Acq: 22 Apr 2024 12:11

Tgt Ion: 91	Resp:	224792
Ion Ratio	Lower	Upper
91	100	
120	22.5	0.0 43.8

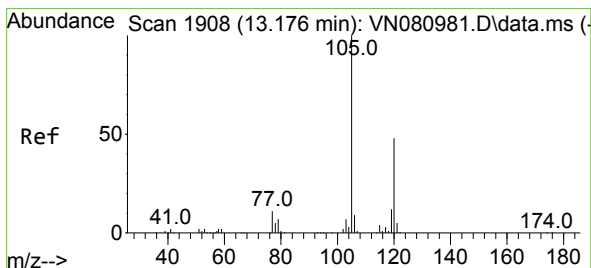
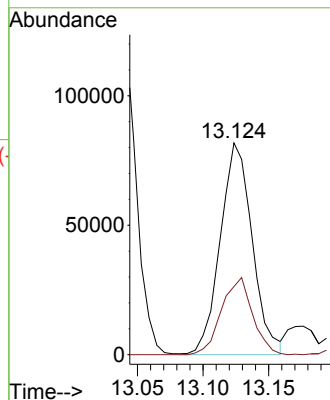
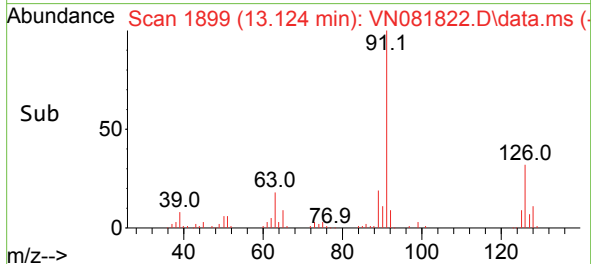
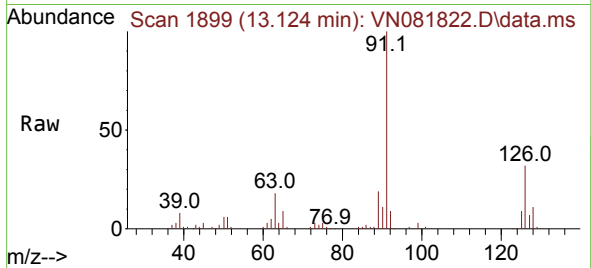




#75
2-Chlorotoluene
Concen: 19.723 ug/l
RT: 13.124 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11

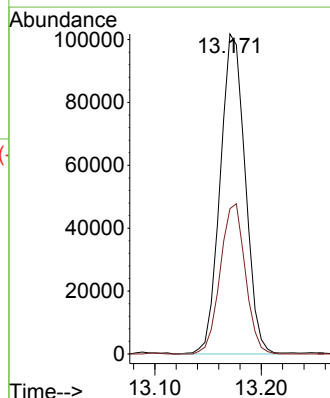
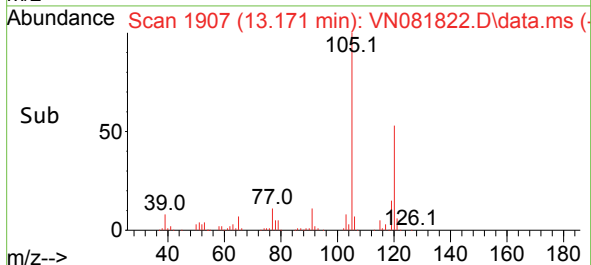
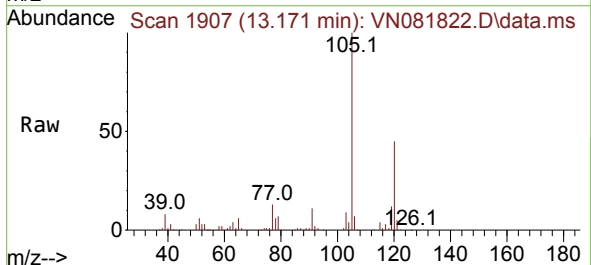
Instrument :
MSVOA_N
ClientSampleId :

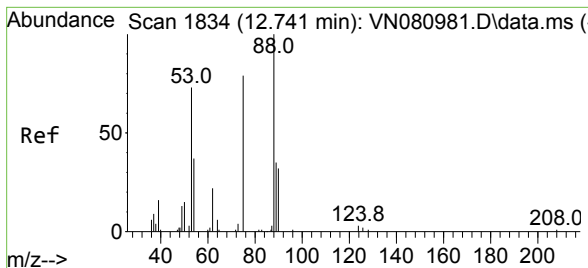
Tgt Ion: 91 Resp: 138915
Ion Ratio Lower Upper
91 100
126 35.2 0.0 61.2



#76
1,3,5-Trimethylbenzene
Concen: 19.764 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11

Tgt Ion:105 Resp: 165682
Ion Ratio Lower Upper
105 100
120 47.0 0.0 95.8

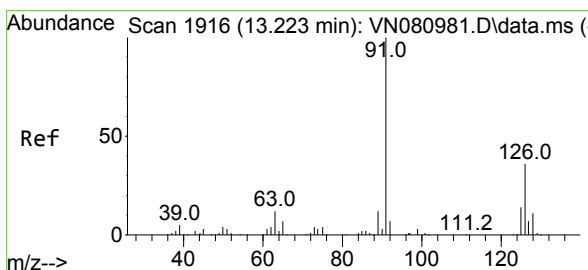
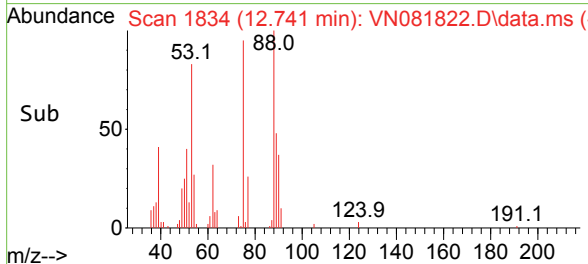
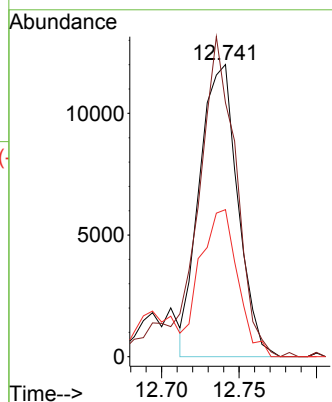
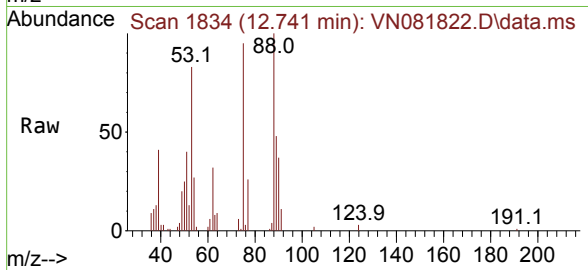




#77
 t-1,4-Dichloro-2-butene
 Concen: 20.810 ug/l
 RT: 12.741 min Scan# 1834
 Delta R.T. 0.000 min
 Lab File: VN081822.D
 Acq: 22 Apr 2024 12:11

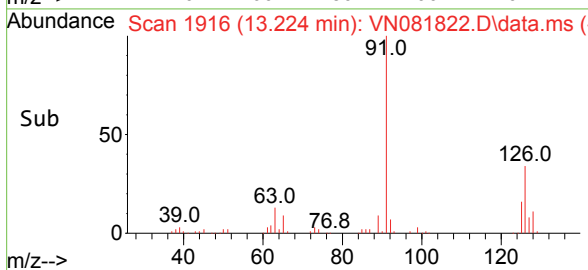
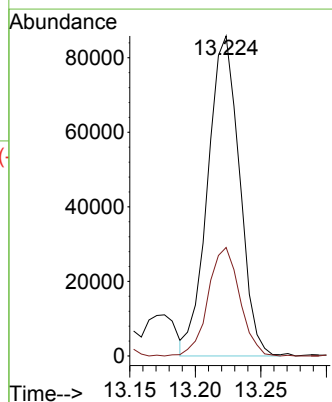
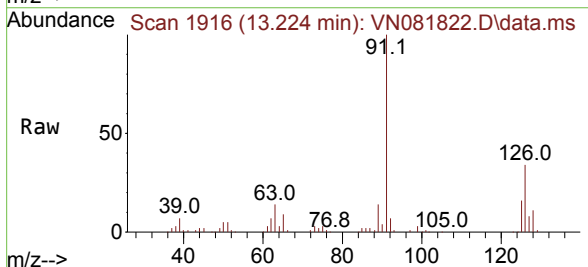
Instrument :
 MSVOA_N
 ClientSampleId :

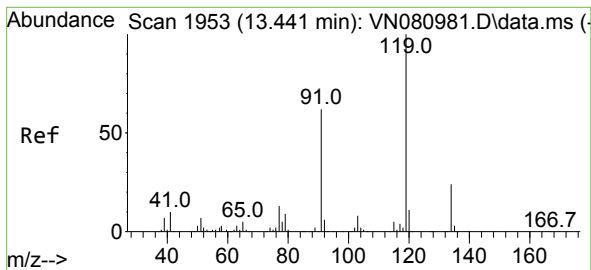
Tgt Ion: 75 Resp: 20585
 Ion Ratio Lower Upper
 75 100
 53 86.9 45.9 137.7
 89 50.3 25.9 77.7



#78
 4-Chlorotoluene
 Concen: 20.700 ug/l
 RT: 13.224 min Scan# 1916
 Delta R.T. 0.000 min
 Lab File: VN081822.D
 Acq: 22 Apr 2024 12:11

Tgt Ion: 91 Resp: 144604
 Ion Ratio Lower Upper
 91 100
 126 33.7 0.0 62.8





#79

tert-butylbenzene

Concen: 19.217 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN081822.D

Acq: 22 Apr 2024 12:11

Instrument :

MSVOA_N

ClientSampleId :

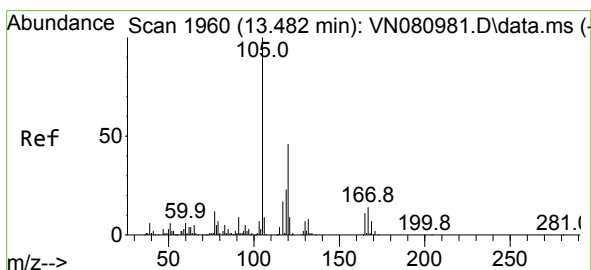
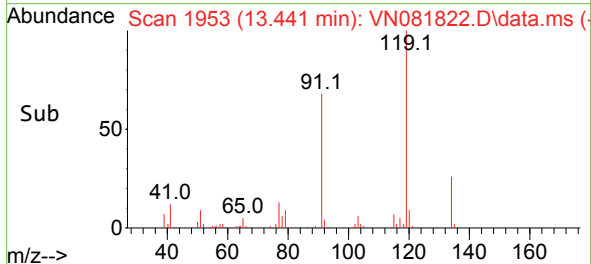
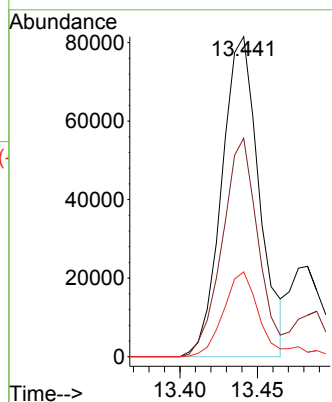
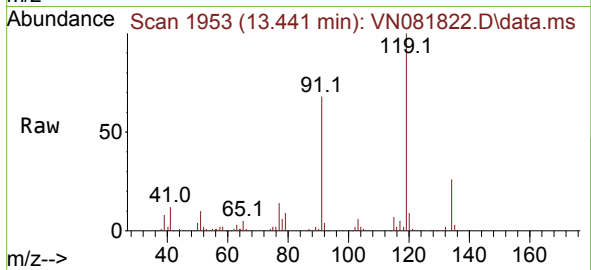
Tgt Ion:119 Resp: 137051

Ion Ratio Lower Upper

119 100

91 65.3 0.0 138.8

134 24.3 0.0 48.6



#80

1,2,4-Trimethylbenzene

Concen: 19.793 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081822.D

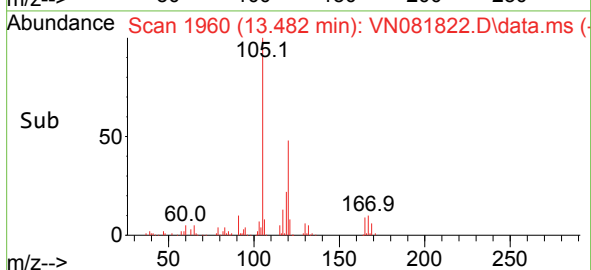
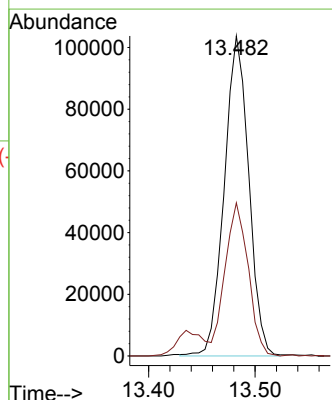
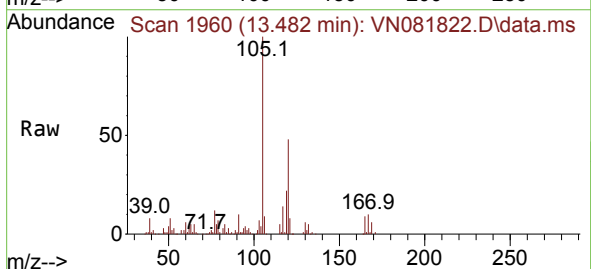
Acq: 22 Apr 2024 12:11

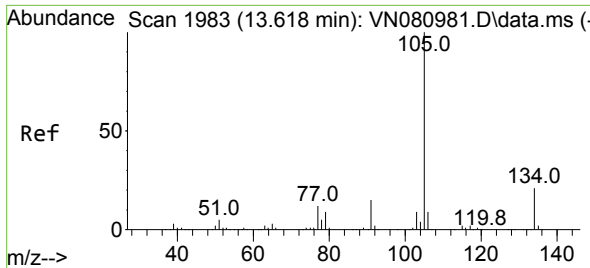
Tgt Ion:105 Resp: 165470

Ion Ratio Lower Upper

105 100

120 45.0 0.0 86.8

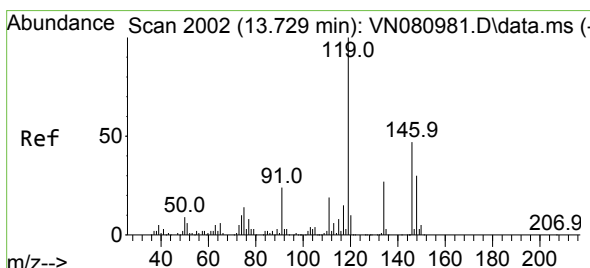
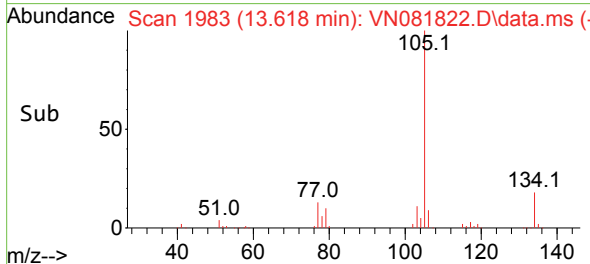
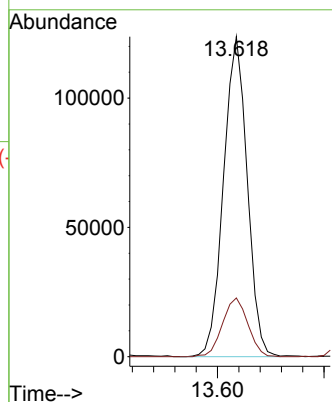
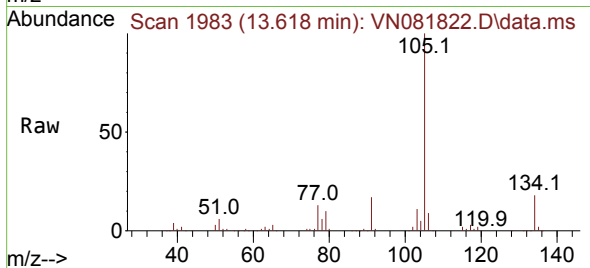




#81
 sec-Butylbenzene
 Concen: 18.550 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081822.D
 Acq: 22 Apr 2024 12:11

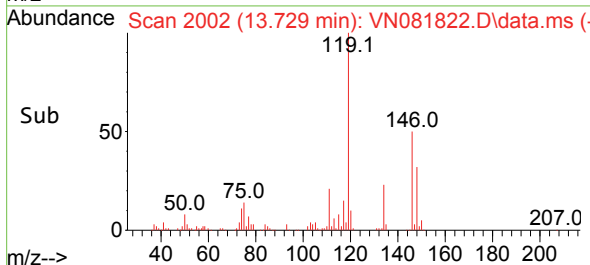
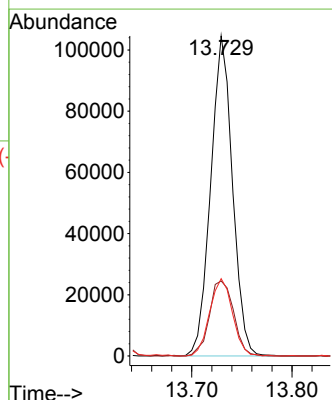
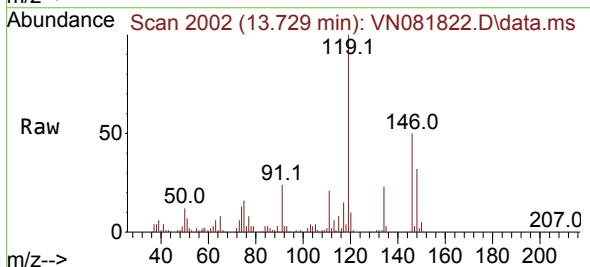
Instrument :
 MSVOA_N
 ClientSampleId :

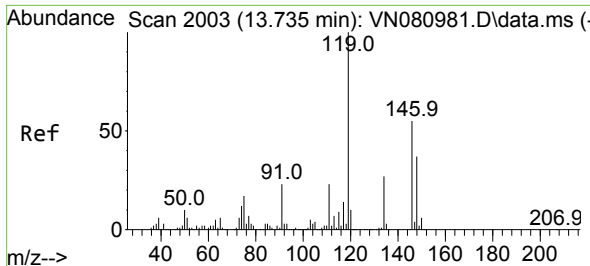
Tgt Ion:105 Resp: 190788
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 39.0



#82
 p-Isopropyltoluene
 Concen: 18.314 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081822.D
 Acq: 22 Apr 2024 12:11

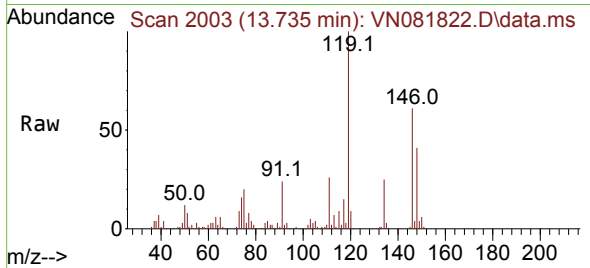
Tgt Ion:119 Resp: 157975
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 49.2
 91 25.3 0.0 48.8



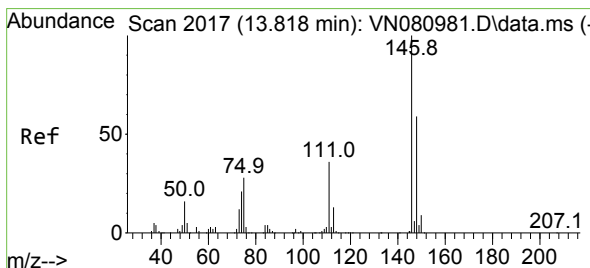
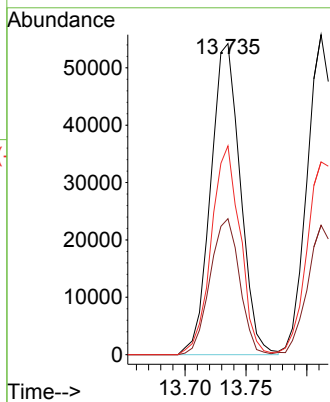
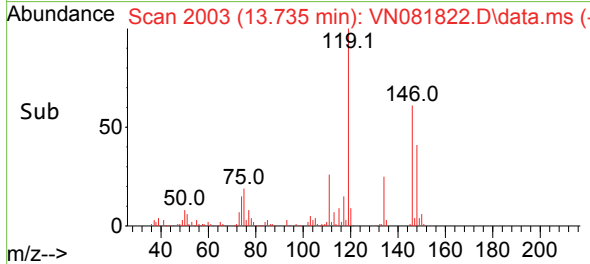


#83
1,3-Dichlorobenzene
Concen: 20.098 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11

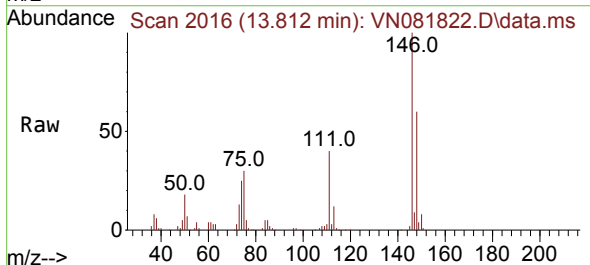
Instrument :
MSVOA_N
ClientSampleId :



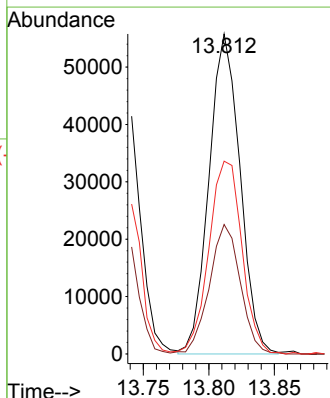
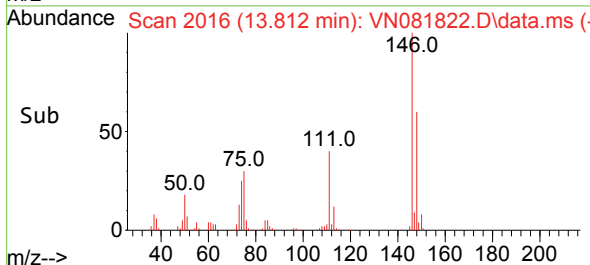
Tgt Ion:146 Resp: 91924
Ion Ratio Lower Upper
146 100
111 43.6 22.4 67.0
148 65.2 32.1 96.5

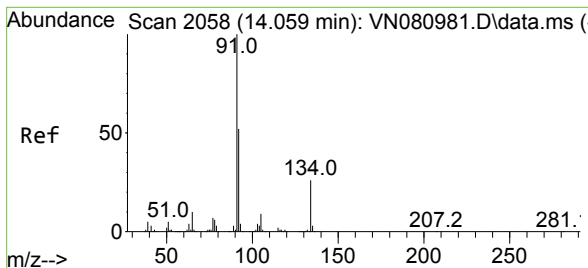


#84
1,4-Dichlorobenzene
Concen: 20.767 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081822.D
Acq: 22 Apr 2024 12:11



Tgt Ion:146 Resp: 91943
Ion Ratio Lower Upper
146 100
111 40.1 21.3 63.9
148 64.3 31.9 95.5





#85

n-Butylbenzene

Concen: 18.308 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081822.D

Acq: 22 Apr 2024 12:11

Instrument :

MSVOA_N

ClientSampleId :

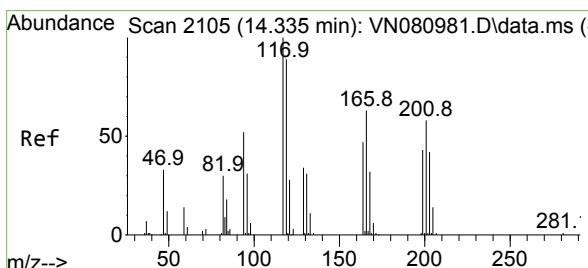
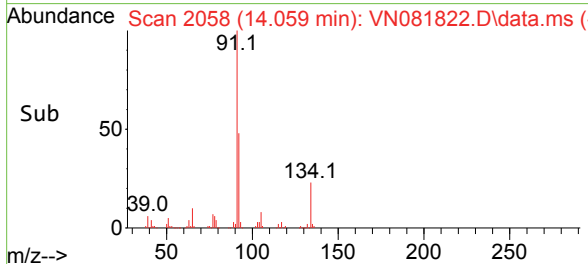
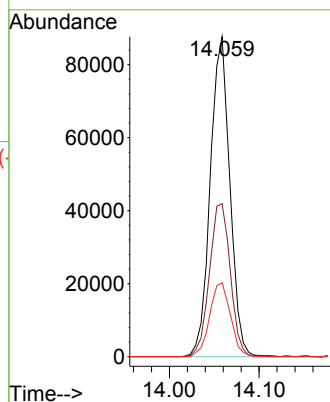
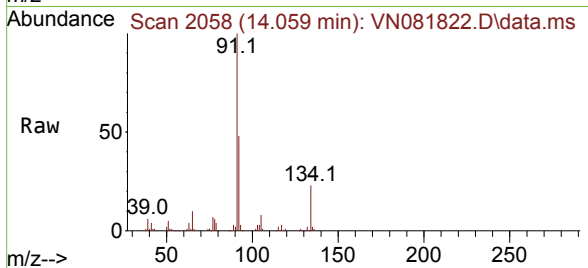
Tgt Ion: 91 Resp: 133025

Ion Ratio Lower Upper

91 100

92 51.0 0.0 105.0

134 24.4 0.0 51.8



#86

Hexachloroethane

Concen: 19.249 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN081822.D

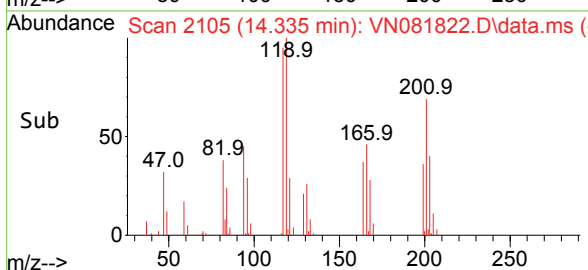
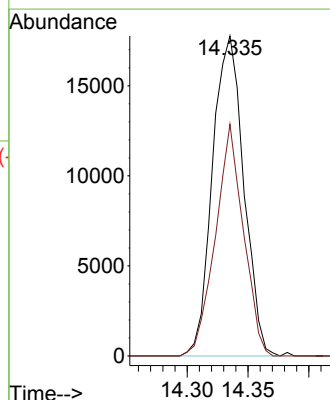
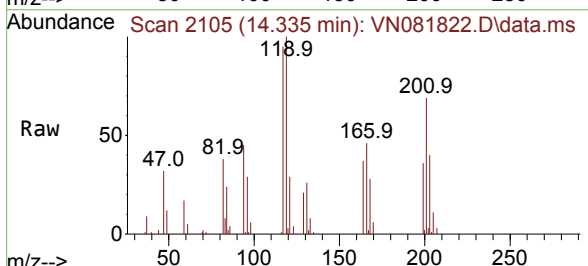
Acq: 22 Apr 2024 12:11

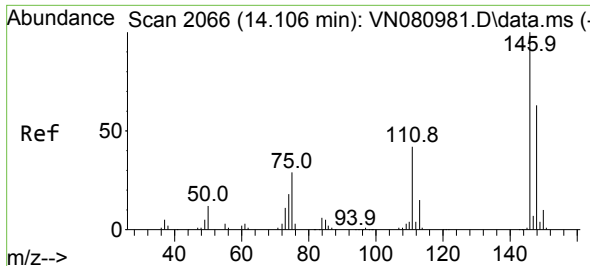
Tgt Ion: 117 Resp: 31721

Ion Ratio Lower Upper

117 100

201 64.8 38.0 114.0





#87

1,2-Dichlorobenzene

Concen: 20.899 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

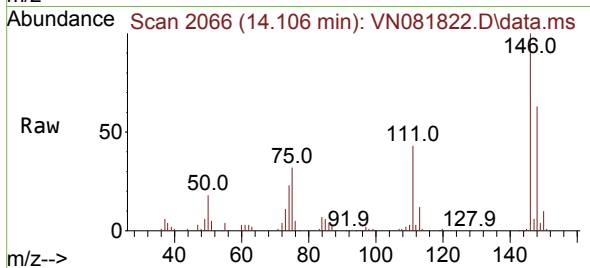
Lab File: VN081822.D

Acq: 22 Apr 2024 12:11

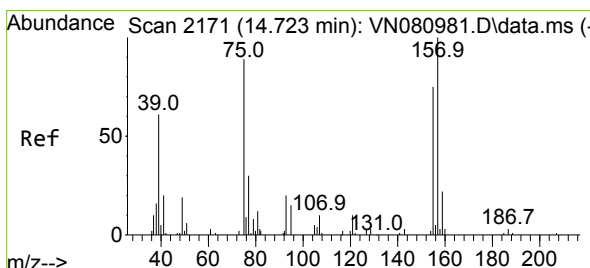
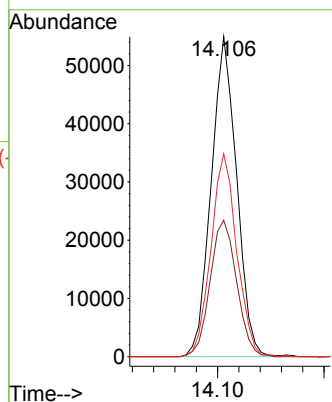
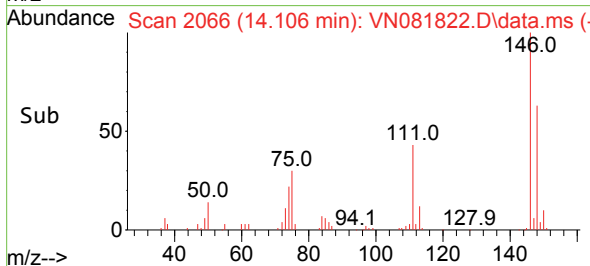
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	146	Resp:	90986
Ion	Ratio	Lower	Upper
146	100		
111	44.6	22.6	67.8
148	64.3	31.3	93.8



#88

1,2-Dibromo-3-Chloropropane

Concen: 23.526 ug/l

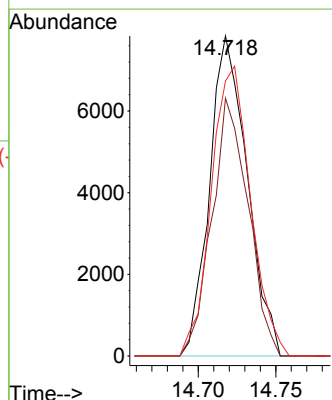
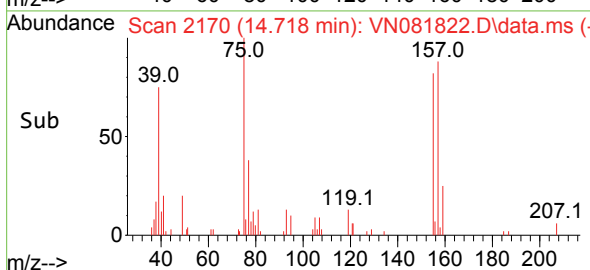
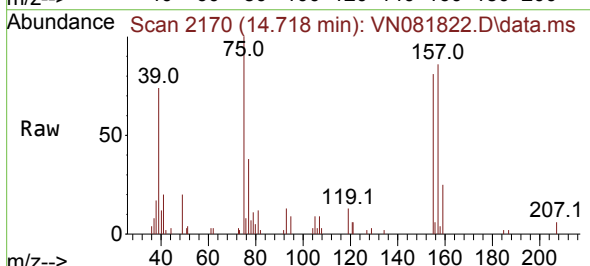
RT: 14.718 min Scan# 2170

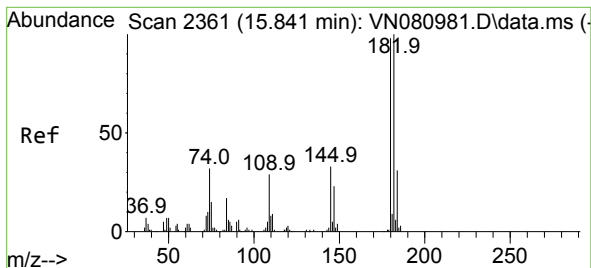
Delta R.T. -0.006 min

Lab File: VN081822.D

Acq: 22 Apr 2024 12:11

Tgt Ion:	75	Resp:	13232
Ion	Ratio	Lower	Upper
75	100		
155	77.7	61.7	92.5
157	94.7	83.6	125.4





#89

1,2,4-Trichlorobenzene

Concen: 21.145 ug/l

RT: 15.841 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN081822.D

Acq: 22 Apr 2024 12:11

Instrument :

MSVOA_N

ClientSampleId :

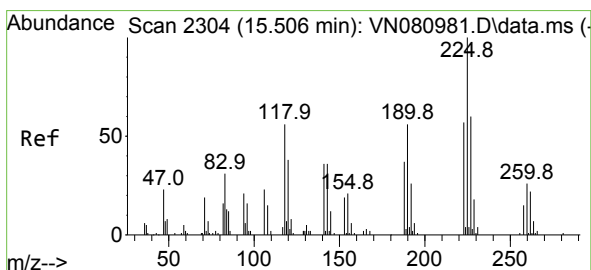
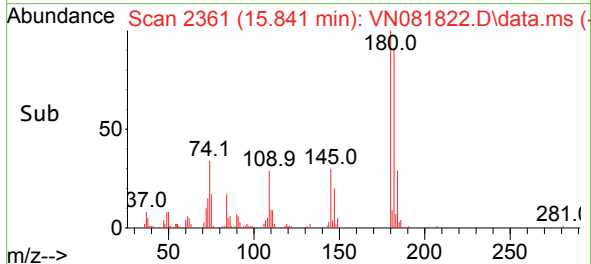
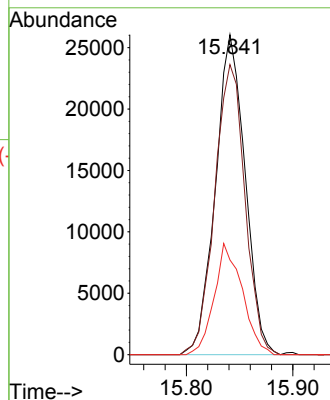
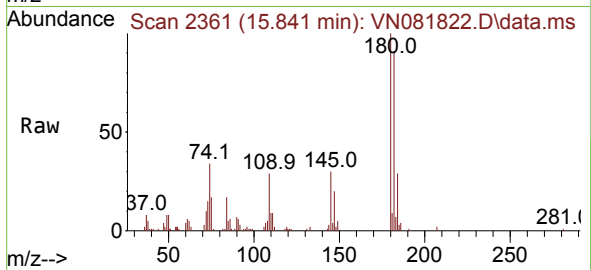
Tgt Ion:180 Resp: 50457

Ion Ratio Lower Upper

180 100

182 92.3 76.4 114.6

145 32.9 28.4 42.6



#90

Hexachlorobutadiene

Concen: 18.613 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.006 min

Lab File: VN081822.D

Acq: 22 Apr 2024 12:11

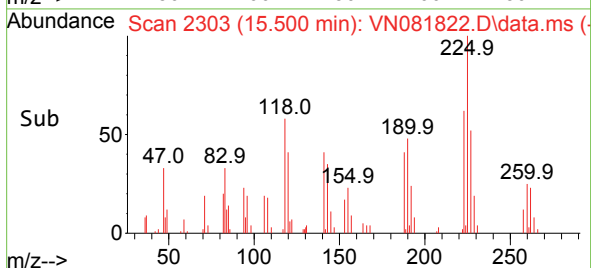
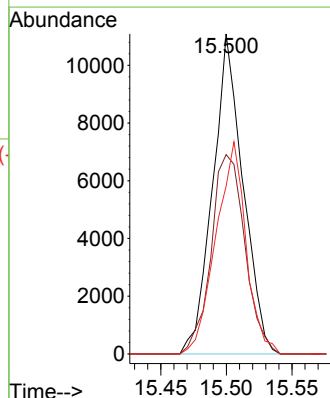
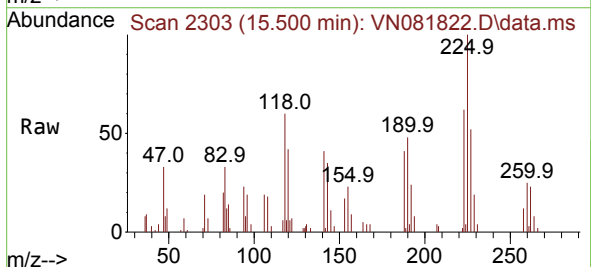
Tgt Ion:225 Resp: 17799

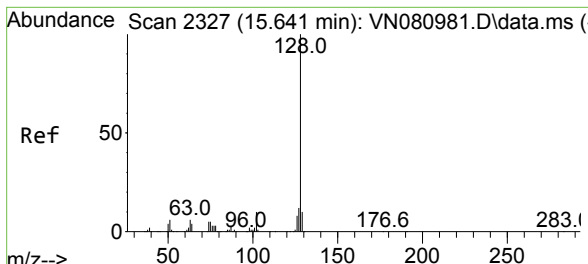
Ion Ratio Lower Upper

225 100

223 69.5 0.0 126.6

227 65.9 0.0 126.6

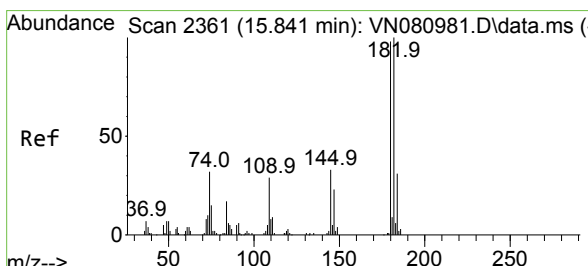
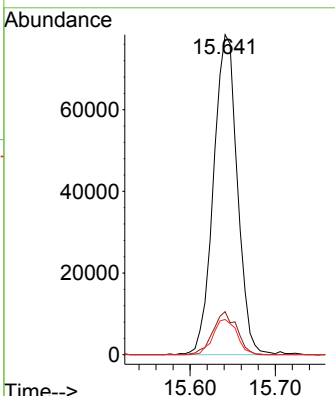
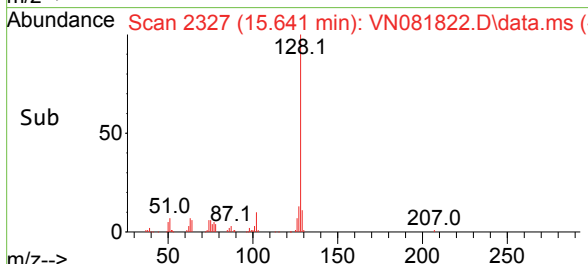
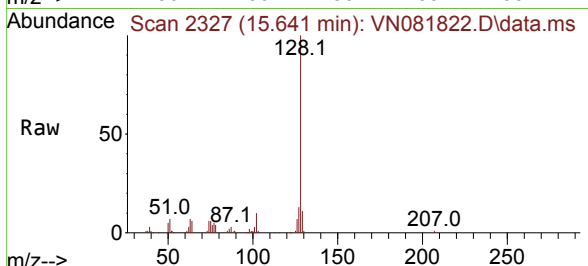




#91
 Naphthalene
 Concen: 19.836 ug/l
 RT: 15.641 min Scan# 2327
 Delta R.T. 0.000 min
 Lab File: VN081822.D
 Acq: 22 Apr 2024 12:11

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion:	128	Resp:	152173
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.6	16.0
129	11.1	8.6	13.0



#92
 1,2,3-Trichlorobenzene
 Concen: 21.145 ug/l
 RT: 15.841 min Scan# 2361
 Delta R.T. -0.006 min
 Lab File: VN081822.D
 Acq: 22 Apr 2024 12:11

Tgt Ion:	180	Resp:	50457
Ion Ratio	Lower	Upper	
180	100		
182	92.3	0.0	191.0
145	32.9	0.0	71.0

