

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022224\
 Data File : VN081148.D
 Acq On : 22 Feb 2024 20:23
 Operator : JC\MD
 Sample : P1539-08MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 23 04:32:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	317715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	588556	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	545832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	243093	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	198041	50.854	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.700%	
35) Dibromofluoromethane	8.224	113	888	0.267	ug/l	0.06
Spiked Amount	50.000	Range	75 - 124	Recovery	= 0.540%#	
50) Toluene-d8	10.571	98	551275	46.637	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.280%	
62) 4-Bromofluorobenzene	12.853	95	214111	48.206	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.420%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	204855	49.858	ug/l	93
3) Chloromethane	2.365	50	204230	45.444	ug/l	99
4) Vinyl Chloride	2.512	62	228586	50.085	ug/l	95
5) Bromomethane	2.948	94	73118	22.556	ug/l	89
6) Chloroethane	3.112	64	154976	52.564	ug/l	96
7) Trichlorofluoromethane	3.495	101	328259	49.233	ug/l	94
8) Diethyl Ether	3.959	74	132586	54.390	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.371	101	175548	47.230	ug/l	92
10) Methyl Iodide	4.589	142	110127	26.544	ug/l	98
11) Tert butyl alcohol	5.524	59	263241	367.563	ug/l	98
12) 1,1-Dichloroethene	4.342	96	311257	86.630	ug/l	91
13) Acrolein	4.194	56	1656	4.314	ug/l	96
14) Allyl chloride	5.018	41	134070	25.149	ug/l #	93
15) Acrylonitrile	5.718	53	470628	251.616	ug/l	98
16) Acetone	4.424	43	429078	280.019	ug/l	97
17) Carbon Disulfide	4.712	76	110974	11.074	ug/l #	95
18) Methyl Acetate	5.006	43	1031	0.276	ug/l #	72
19) Methyl tert-butyl Ether	5.794	73	691702	56.210	ug/l	95
20) Methylene Chloride	5.277	84	233864	59.166	ug/l	90
21) trans-1,2-Dichloroethene	5.789	96	195291	48.717	ug/l	94
22) Diisopropyl ether	6.671	45	647088	53.508	ug/l #	94
23) Vinyl Acetate	6.671	43	342145	34.871	ug/l #	76
24) 1,1-Dichloroethane	6.571	63	383174	54.798	ug/l	96
25) 2-Butanone	7.483	43	724364	292.612	ug/l	93
26) 2,2-Dichloropropane	7.494	77	285746	43.613	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	243539	52.290	ug/l	86
28) Bromochloromethane	7.812	49	164087	56.604	ug/l #	69
29) Tetrahydrofuran	7.841	42	514998	311.644	ug/l #	86
30) Chloroform	7.971	83	403931	54.339	ug/l	100
31) Cyclohexane	8.259	56	286049	42.540	ug/l #	80
32) 1,1,1-Trichloroethane	8.171	97	354620	52.381	ug/l	93
36) 1,1-Dichloropropene	8.371	75	276470	48.489	ug/l	95
37) Ethyl Acetate	7.483	43	724364	140.766	ug/l #	42
38) Carbon Tetrachloride	8.365	117	264691	45.885	ug/l	98
39) Methylcyclohexane	9.606	83	291898	43.917	ug/l	89
40) Benzene	8.612	78	882333	53.463	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	162597	55.520	ug/l	93
42) 1,2-Dichloroethane	8.671	62	316474	54.964	ug/l	99
43) Isopropyl Acetate	8.694	43	10635	1.182	ug/l #	57
44) Trichloroethene	9.353	130	425492	96.798	ug/l	99
45) 1,2-Dichloropropane	9.624	63	224266	54.324	ug/l	97
46) Dibromomethane	9.712	93	168365	55.974	ug/l #	91
47) Bromodichloromethane	9.888	83	181934	31.936	ug/l #	92
48) Methyl methacrylate	9.612	41	246081	58.763	ug/l #	55
49) 1,4-Dioxane	9.700	88	103632	1359.130	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	1652685	319.226	ug/l	96
52) Toluene	10.635	92	546980	52.352	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	277981	43.910	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	191107	27.940	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	42470	10.569	ug/l	93
57) 1,3-Dichloropropane	11.165	76	393137	56.580	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	801138	259.981	ug/l #	87
59) 2-Hexanone	11.200	43	1213423	295.635	ug/l	95
60) Dibromochloromethane	11.365	129	166528	39.008	ug/l	100
61) 1,2-Dibromoethane	11.470	107	234082	55.394	ug/l	98
64) Tetrachloroethene	11.106	164	283343	76.059	ug/l	95
65) Chlorobenzene	11.894	112	582612	49.318	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	168522	39.717	ug/l	96
67) Ethyl Benzene	11.965	91	1023631	48.424	ug/l	99
68) m/p-Xylenes	12.070	106	785040	96.887	ug/l	95
69) o-Xylene	12.400	106	388740	48.400	ug/l	97
70) Styrene	12.418	104	654904	51.456	ug/l	97
71) Bromoform	12.582	173	126883	47.133	ug/l #	94
73) Isopropylbenzene	12.700	105	989465	46.521	ug/l	98
74) N-amyl acetate	12.465	43	4022	0.447	ug/l #	46
75) 1,1,2,2-Tetrachloroethane	13.000	83	7927	1.325	ug/l #	69
76) 1,2,3-Trichloropropane	12.994	75	348246	63.051	ug/l	74
77) Bromobenzene	12.982	156	231930	48.906	ug/l	75
78) n-propylbenzene	13.041	91	1146105	46.809	ug/l	96
79) 2-Chlorotoluene	13.129	91	711398	47.369	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	822155	47.675	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	20227	9.426	ug/l #	73
82) 4-Chlorotoluene	13.223	91	699409	47.629	ug/l	93
83) tert-Butylbenzene	13.441	119	703296	47.166	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	857782	49.917	ug/l	97
85) sec-Butylbenzene	13.617	105	992059	47.857	ug/l	94
86) p-Isopropyltoluene	13.735	119	818669	47.546	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	432990	48.322	ug/l	95
88) 1,4-Dichlorobenzene	13.817	146	436905	49.622	ug/l	96
89) n-Butylbenzene	14.059	91	713685	47.577	ug/l	97
90) Hexachloroethane	14.335	117	129448	45.483	ug/l	95
91) 1,2-Dichlorobenzene	14.112	146	428954	49.634	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16011	12.876	ug/l	85
93) 1,2,4-Trichlorobenzene	15.394	180	241886	50.169	ug/l	98
94) Hexachlorobutadiene	15.506	225	78979	43.922	ug/l	98
95) Naphthalene	15.641	128	985431	55.774	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	250557	52.385	ug/l	100

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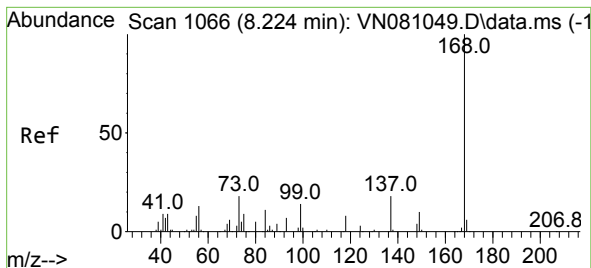
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081148.D

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Instrument :

MSVOA_N

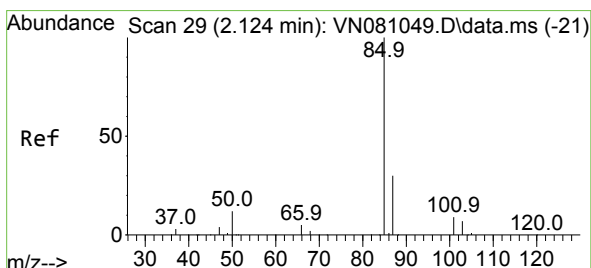
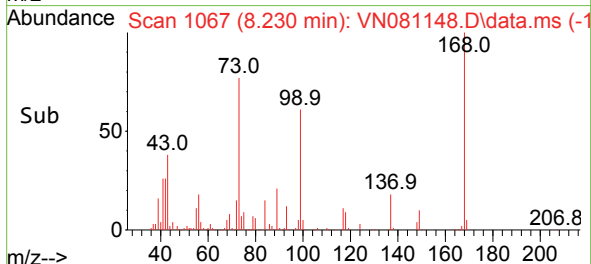
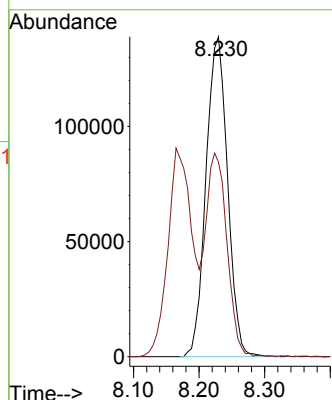
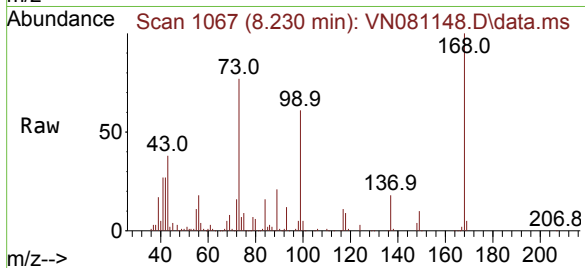
ClientSampleId :

Tgt Ion:168 Resp: 317715

Ion Ratio Lower Upper

168 100

99 60.5 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 49.858 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN081148.D

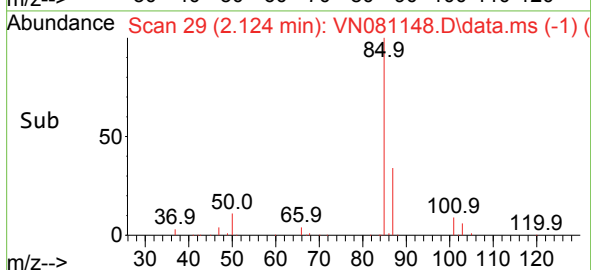
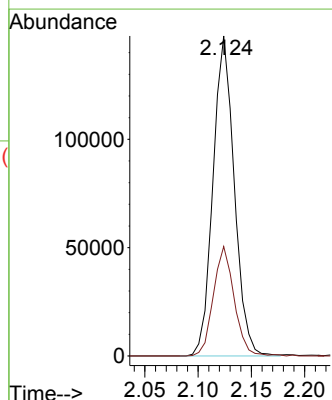
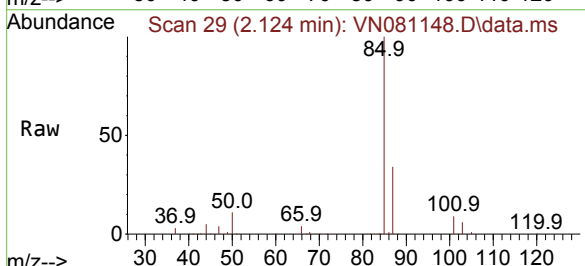
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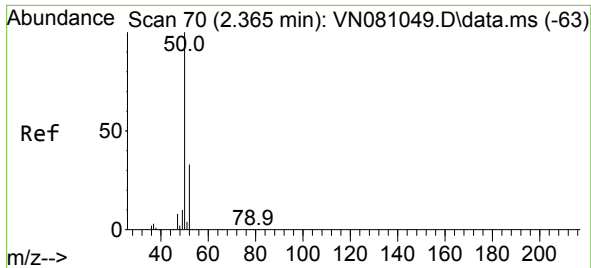
Tgt Ion: 85 Resp: 204855

Ion Ratio Lower Upper

85 100

87 34.2 15.3 45.9

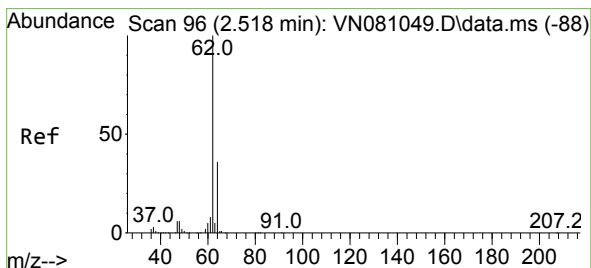
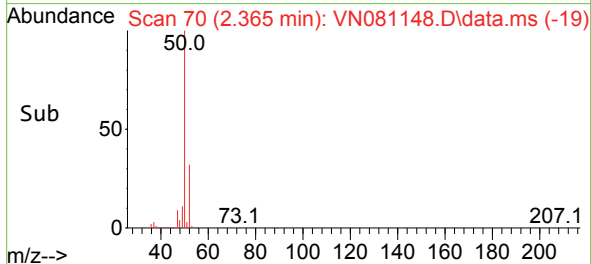
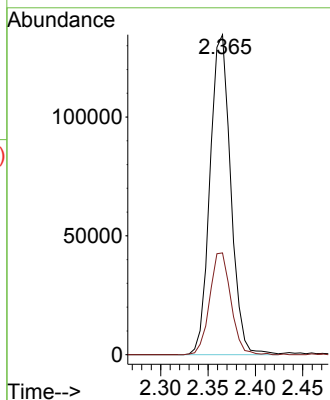
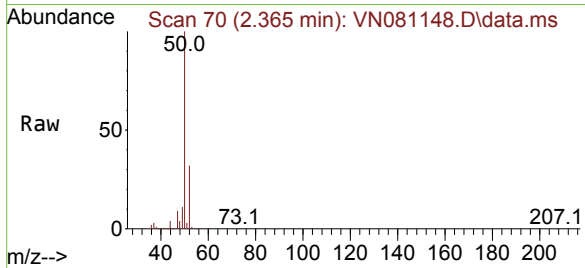




#3
Chloromethane
Concen: 45.444 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

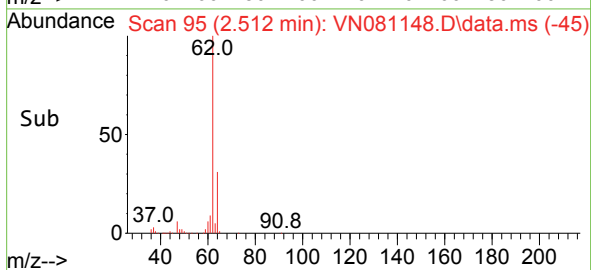
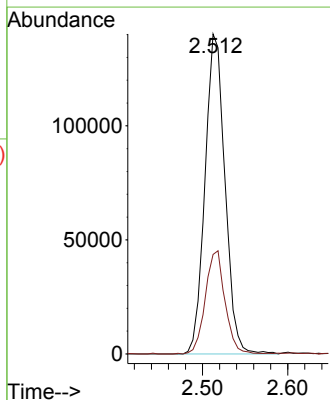
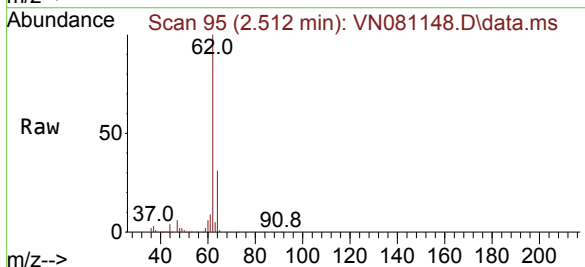
Instrument :
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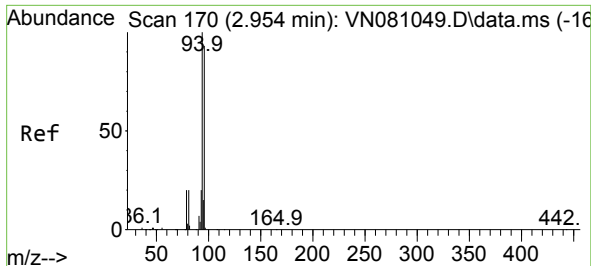
Tgt Ion: 50 Resp: 204230
Ion Ratio Lower Upper
50 100
52 31.8 25.0 37.4



#4
Vinyl Chloride
Concen: 50.085 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

Tgt Ion: 62 Resp: 228586
Ion Ratio Lower Upper
62 100
64 30.9 22.7 34.1

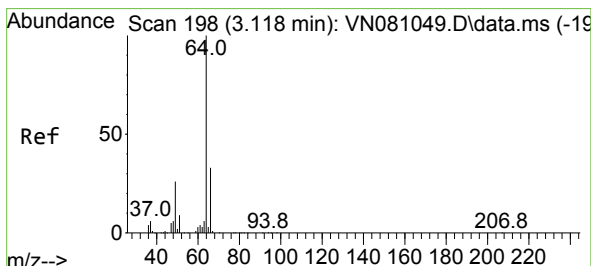
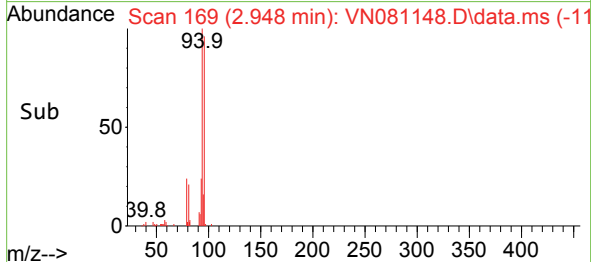
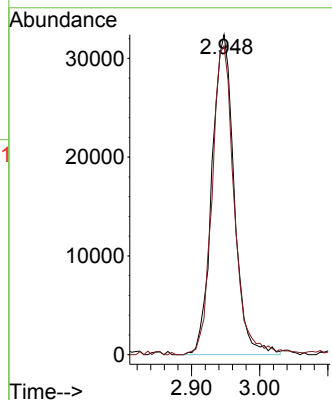
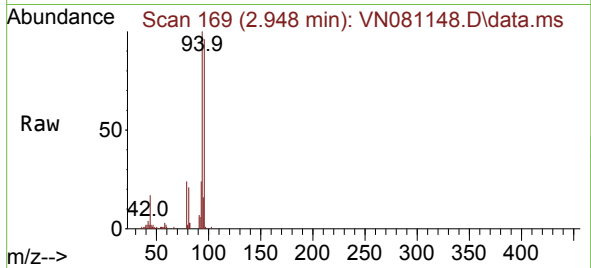




#5
Bromomethane
Concen: 22.556 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN081148.D
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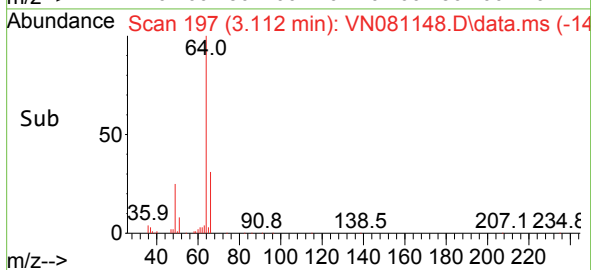
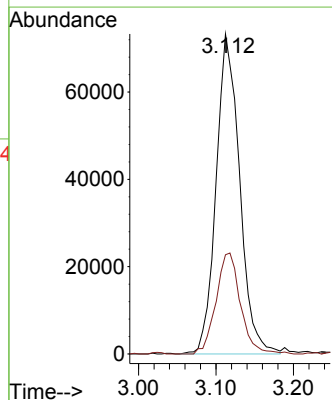
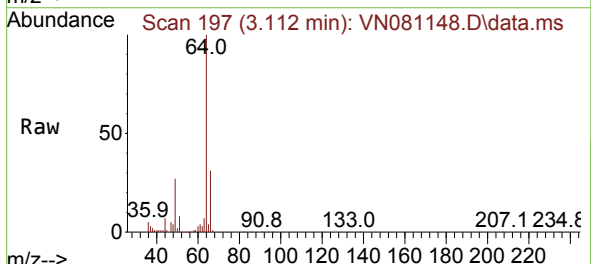
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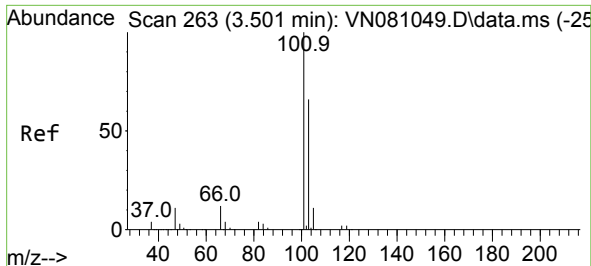
Tgt Ion: 94 Resp: 73118
Ion Ratio Lower Upper
94 100
96 96.4 69.2 103.8



#6
Chloroethane
Concen: 52.564 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

Tgt Ion: 64 Resp: 154976
Ion Ratio Lower Upper
64 100
66 31.0 26.4 39.6

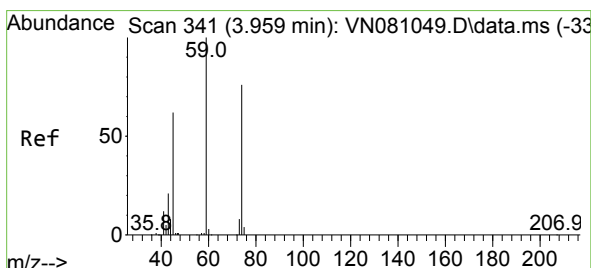
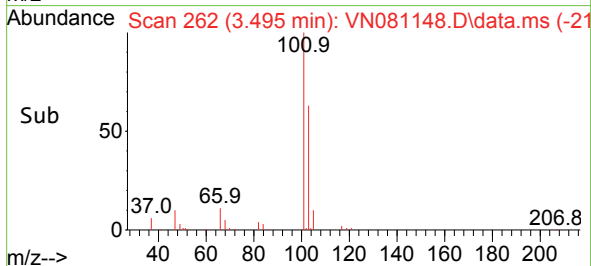
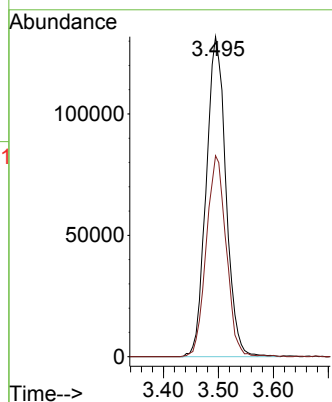
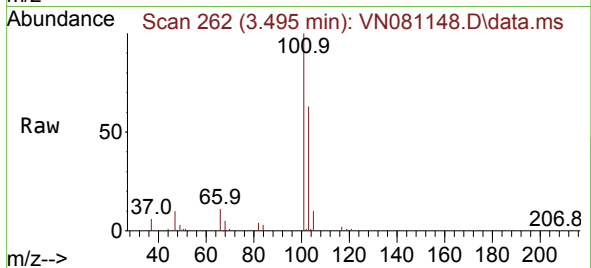




#7
Trichlorofluoromethane
Concen: 49.233 ug/l
RT: 3.495 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

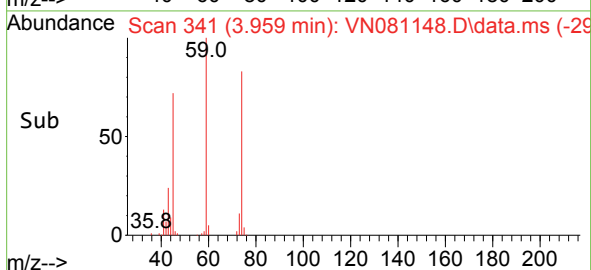
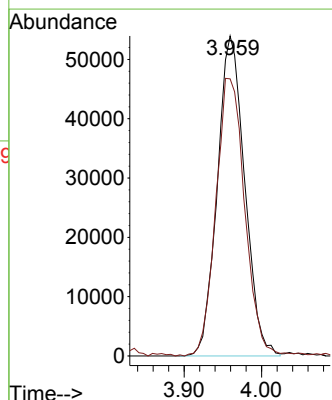
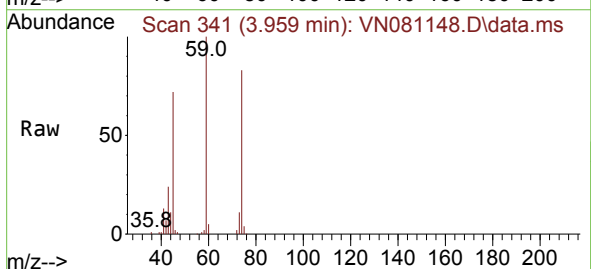
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ClientSampleId :

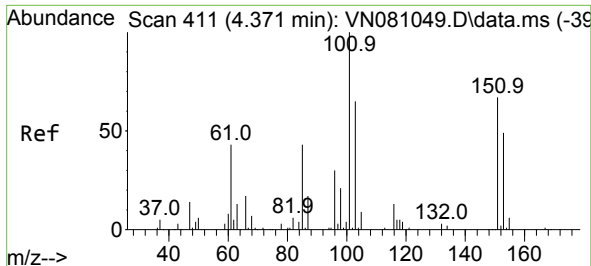
Tgt Ion:101 Resp: 328259
Ion Ratio Lower Upper
101 100
103 62.8 54.4 81.6



#8
Diethyl Ether
Concen: 54.390 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

Tgt Ion: 74 Resp: 132586
Ion Ratio Lower Upper
74 100
45 91.8 53.3 159.9

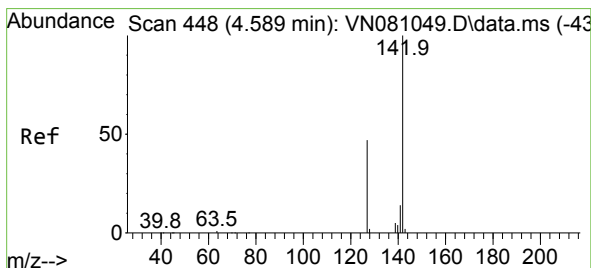
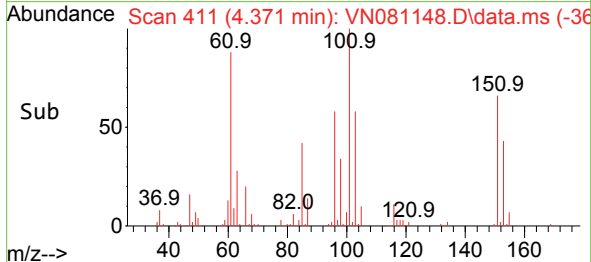
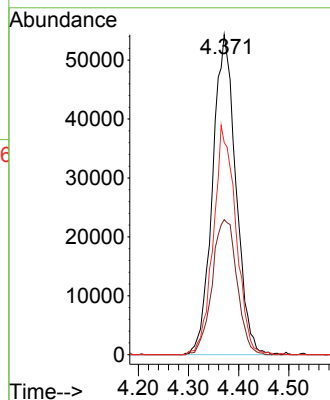
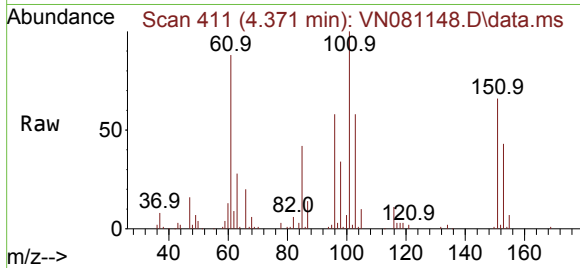




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.230 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

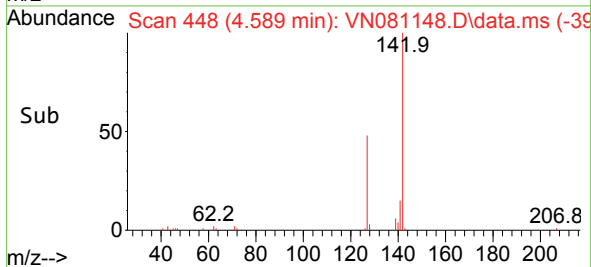
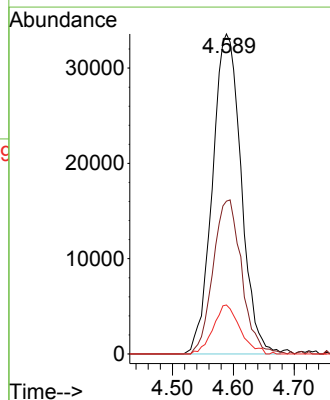
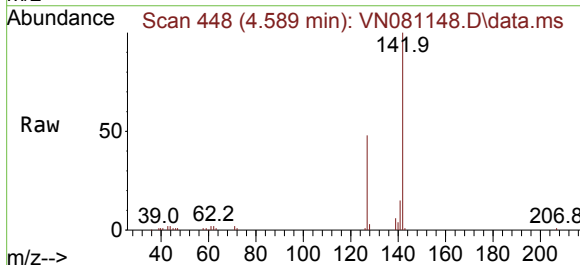
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:101 Resp: 175548
Ion Ratio Lower Upper
101 100
85 44.9 38.1 57.1
151 69.4 49.1 73.7



#10
Methyl Iodide
Concen: 26.544 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

Tgt Ion:142 Resp: 110127
Ion Ratio Lower Upper
142 100
127 47.7 37.0 55.4
141 15.3 12.5 18.7

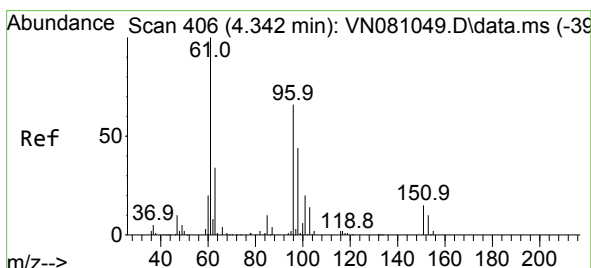
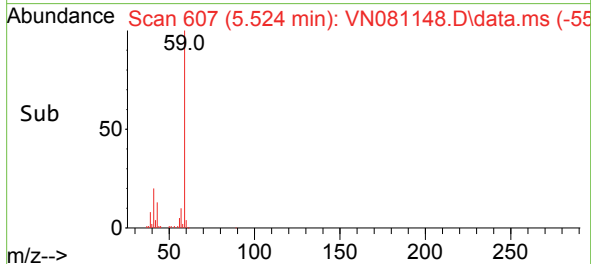
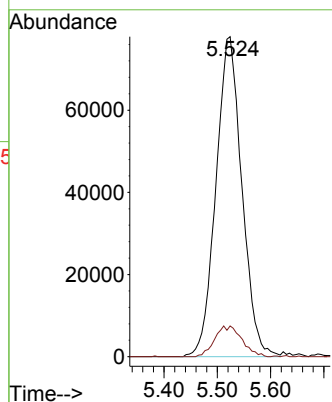
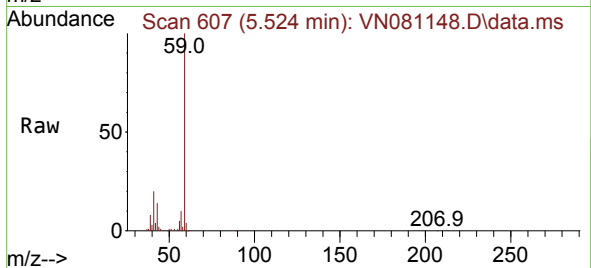




#11
Tert butyl alcohol
Concen: 367.563 ug/l
RT: 5.524 min Scan# 605
Delta R.T. 0.012 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

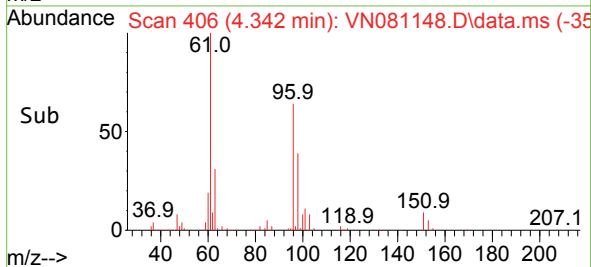
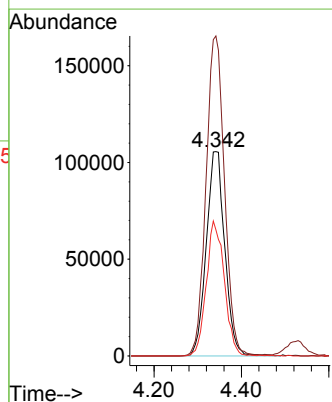
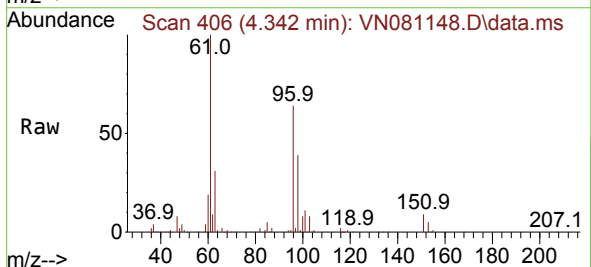
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 59 Resp: 263241
Ion Ratio Lower Upper
59 100
57 10.1 8.6 12.8



#12
1,1-Dichloroethene
Concen: 86.630 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

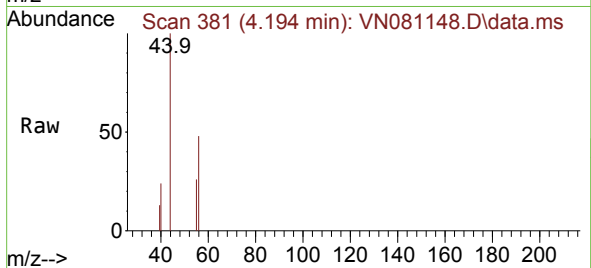
Tgt Ion: 96 Resp: 311257
Ion Ratio Lower Upper
96 100
61 156.6 138.2 207.4
98 61.8 49.2 73.8



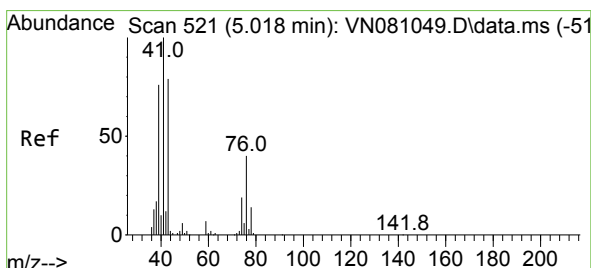
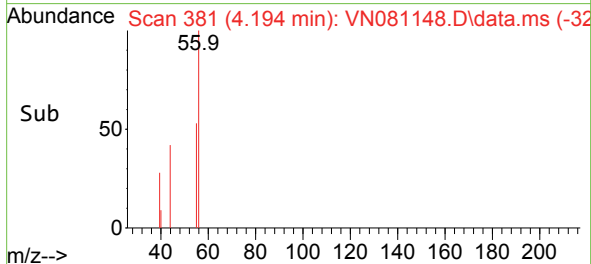
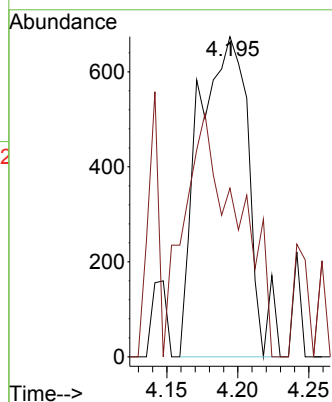


#13
Acrolein
Concen: 4.314 ug/l
RT: 4.194 min Scan# 381
Delta R.T. 0.018 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

Instrument :
MSVOA_N
ClientSampleId :

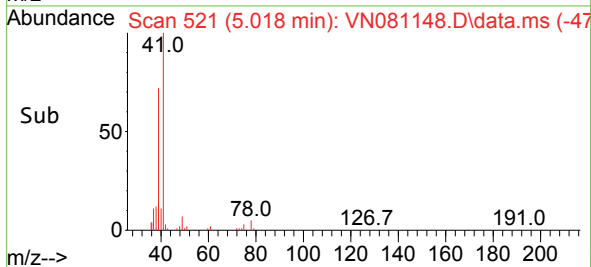
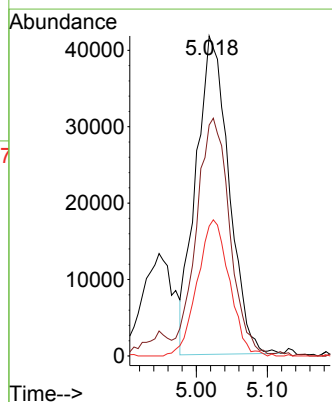
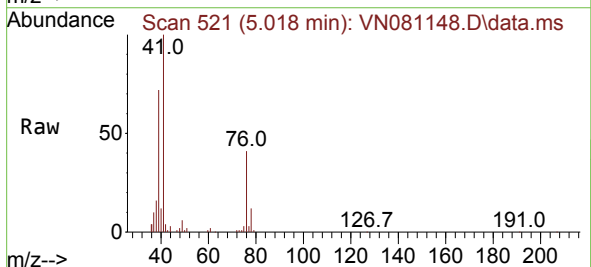


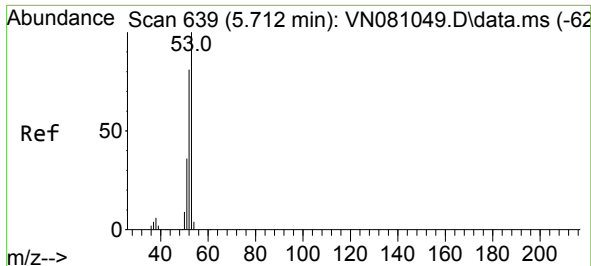
Tgt Ion: 56 Resp: 1656
Ion Ratio Lower Upper
56 100
55 72.5 55.3 82.9



#14
Allyl chloride
Concen: 25.149 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

Tgt Ion: 41 Resp: 134070
Ion Ratio Lower Upper
41 100
39 74.9 57.7 86.5
76 41.9 26.8 40.2#





#15

Acrylonitrile

Concen: 251.616 ug/l

RT: 5.718 min Scan# 64

Delta R.T. 0.006 min

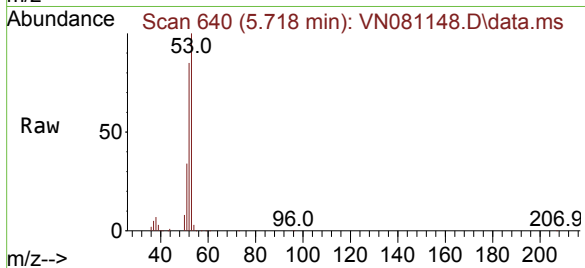
Lab File: VN081148.D

Acq: 22 Feb 2024 20:23

Instrument :

MSVOA_N

ClientSampleId :



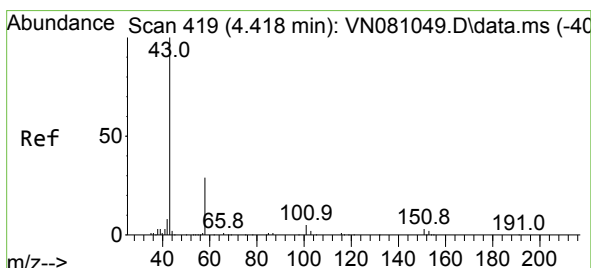
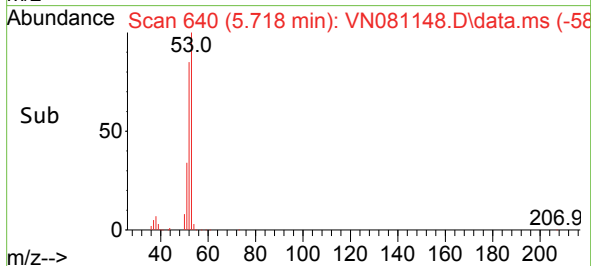
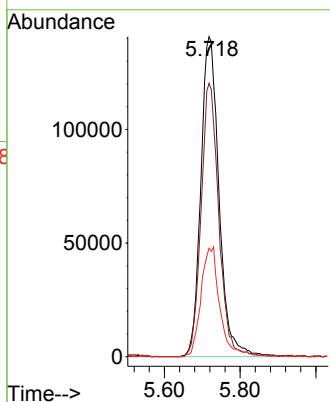
Tgt Ion: 53 Resp: 470628

Ion Ratio Lower Upper

53 100

52 82.5 64.8 97.2

51 35.4 26.9 40.3



#16

Acetone

Concen: 280.019 ug/l

RT: 4.424 min Scan# 420

Delta R.T. 0.006 min

Lab File: VN081148.D

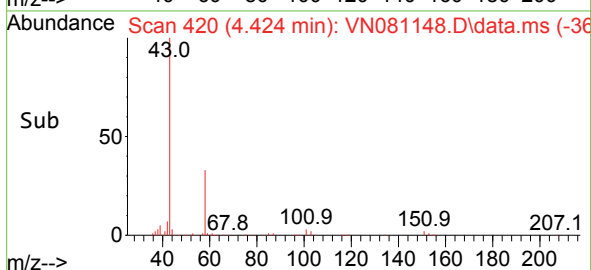
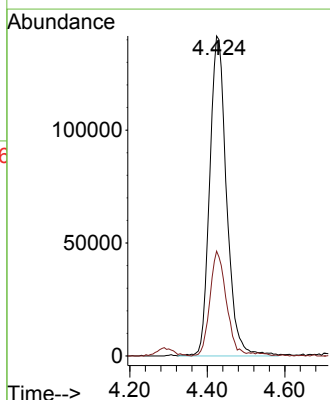
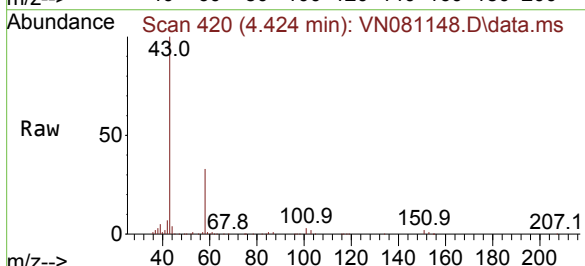
Acq: 22 Feb 2024 20:23

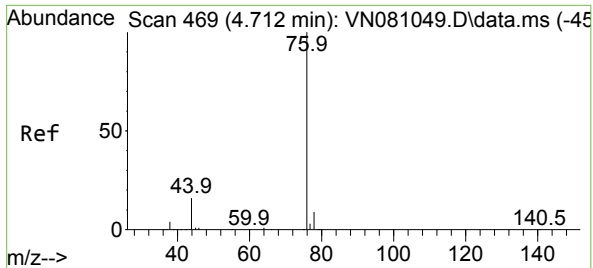
Tgt Ion: 43 Resp: 429078

Ion Ratio Lower Upper

43 100

58 32.6 24.8 37.2

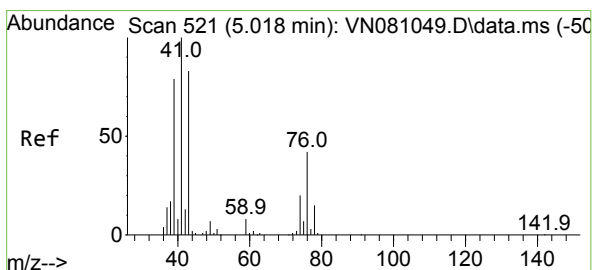
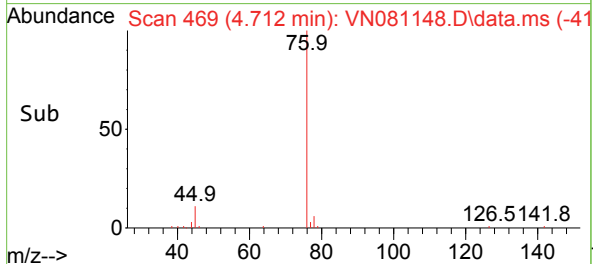
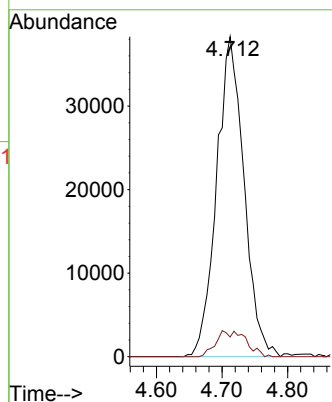
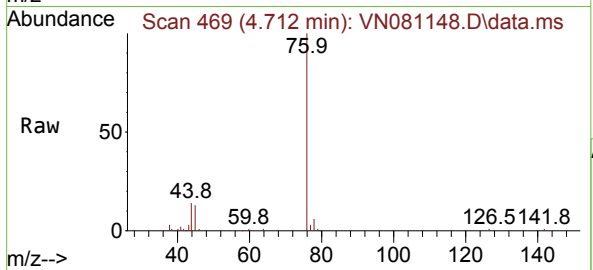




#17
Carbon Disulfide
Concen: 11.074 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

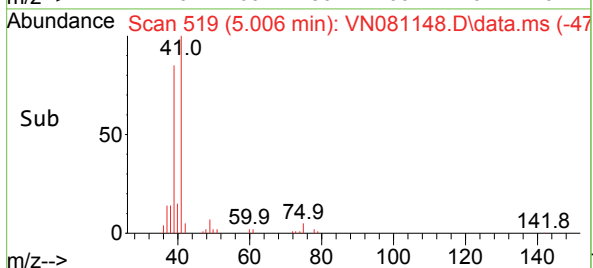
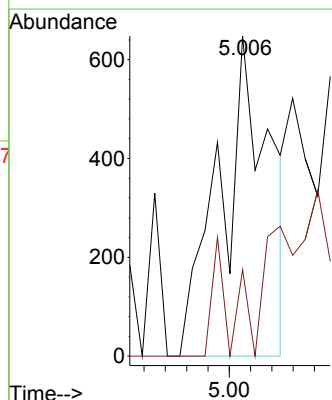
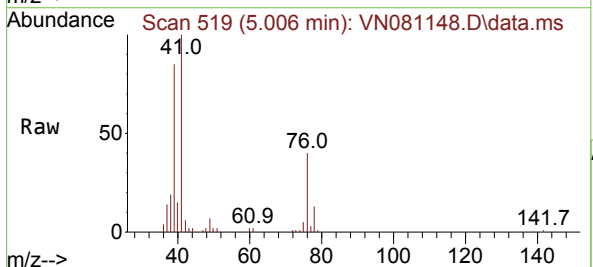
Instrument :
MSVOA_N
ClientSampleId :

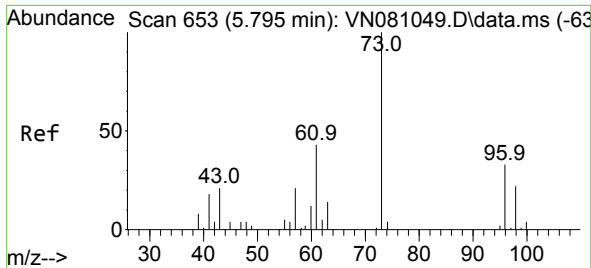
Tgt Ion: 76 Resp: 110974
Ion Ratio Lower Upper
76 100
78 6.1 6.3 9.5#



#18
Methyl Acetate
Concen: 0.276 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.012 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

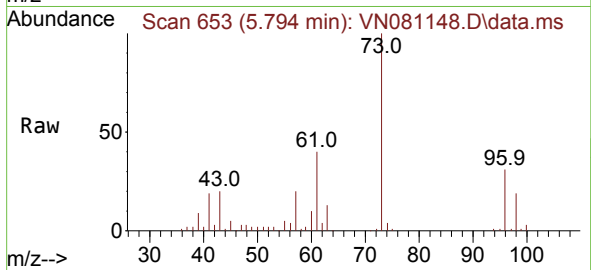
Tgt Ion: 43 Resp: 1031
Ion Ratio Lower Upper
43 100
74 8.2 17.3 25.9#



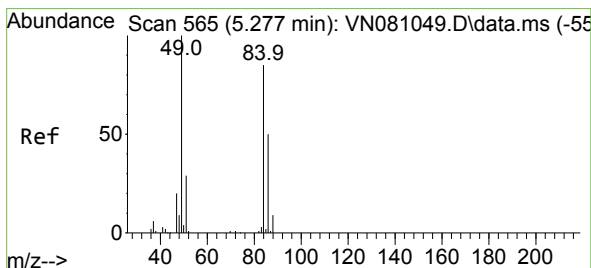
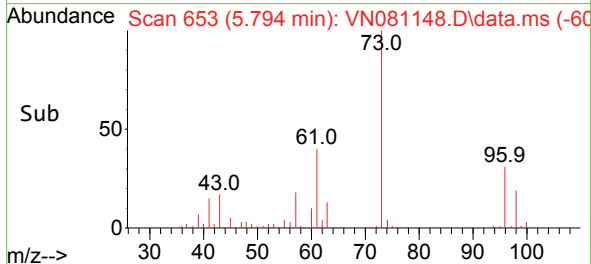
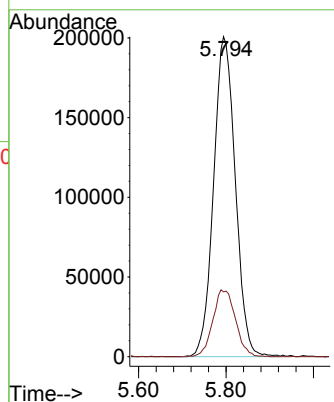


#19
Methyl tert-butyl Ether
Concen: 56.210 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

Instrument :
MSVOA_N
ClientSampleId :

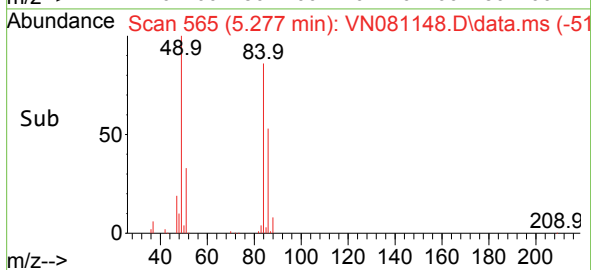
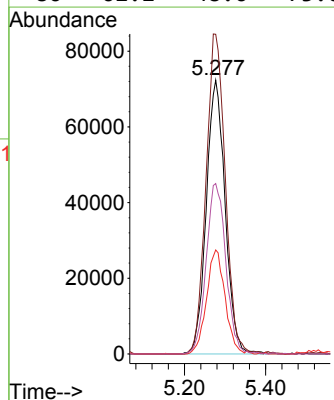
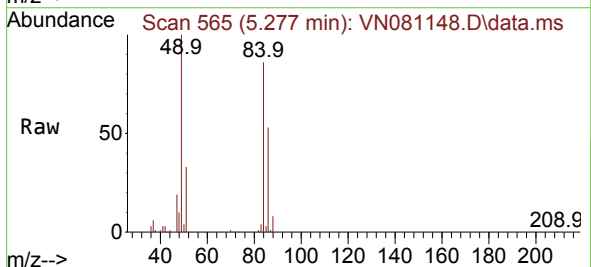


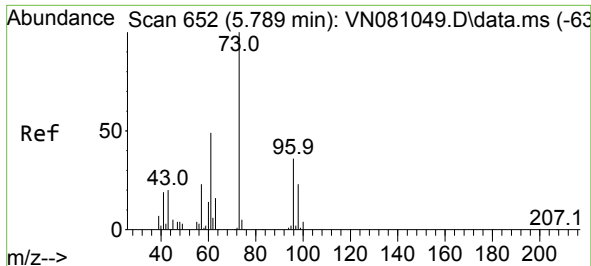
Tgt Ion: 73 Resp: 691702
Ion Ratio Lower Upper
73 100
57 20.2 18.2 27.4



#20
Methylene Chloride
Concen: 59.166 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

Tgt Ion: 84 Resp: 233864
Ion Ratio Lower Upper
84 100
49 116.8 108.1 162.1
51 38.0 32.9 49.3
86 62.2 48.6 73.0

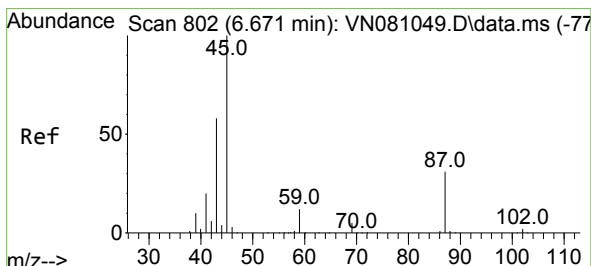
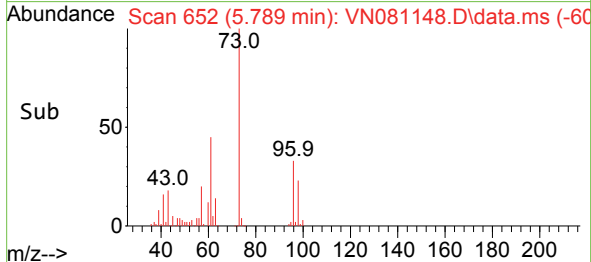
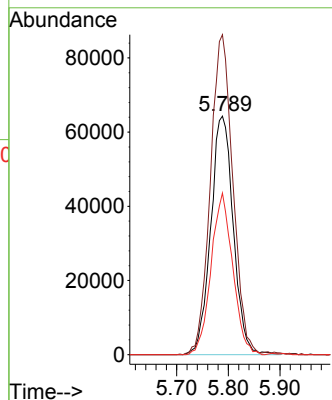
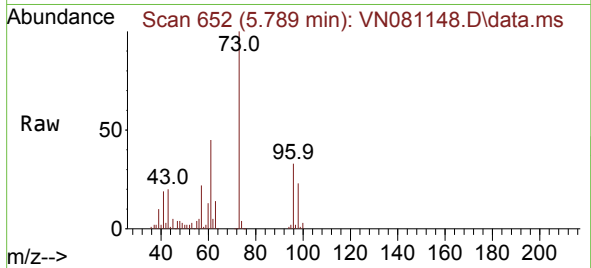




#21
trans-1,2-Dichloroethene
Concen: 48.717 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

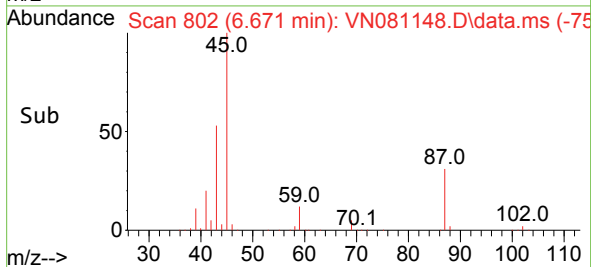
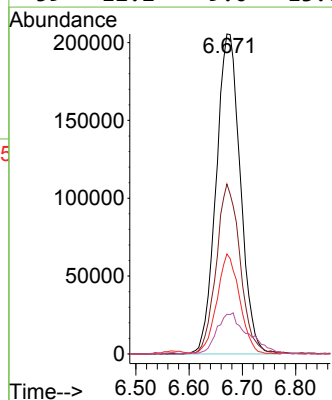
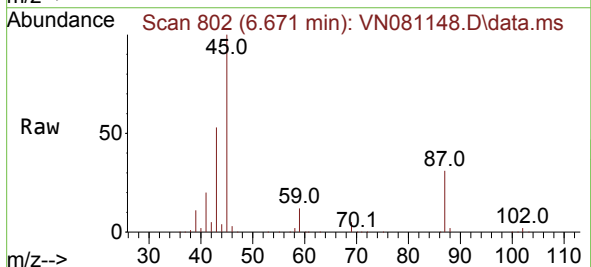
Instrument :
MSVOA_N
ClientSampleId :

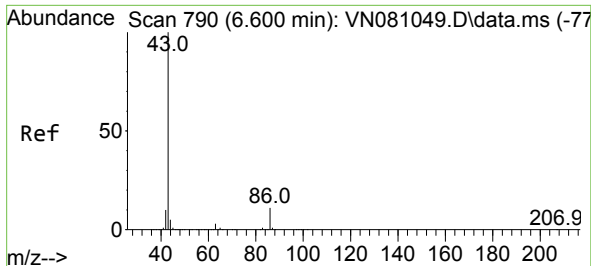
Tgt Ion: 96 Resp: 195291
Ion Ratio Lower Upper
96 100
61 133.8 112.8 169.2
98 67.8 51.0 76.4



#22
Diisopropyl ether
Concen: 53.508 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

Tgt Ion: 45 Resp: 647088
Ion Ratio Lower Upper
45 100
43 53.0 41.8 62.8
87 31.2 18.1 27.1#
59 12.2 9.0 13.6

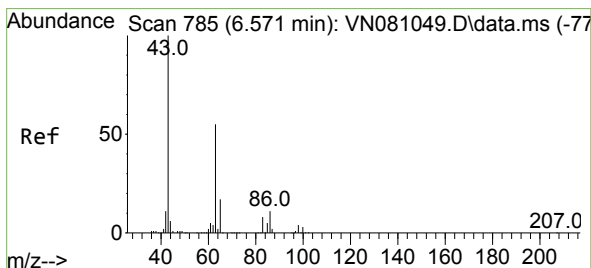
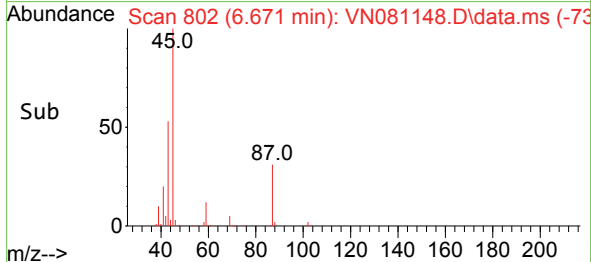
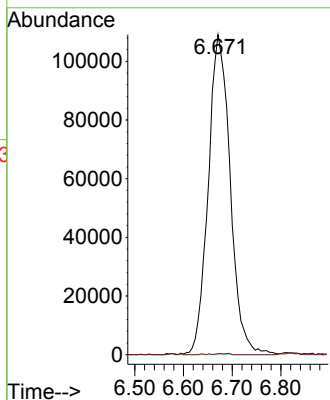
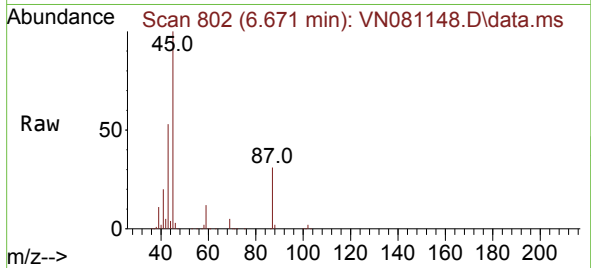




#23
 Vinyl Acetate
 Concen: 34.871 ug/l
 RT: 6.671 min Scan# 802
 Delta R.T. 0.070 min
 Lab File: VN081148.D
 Acq: 22 Feb 2024 20:23

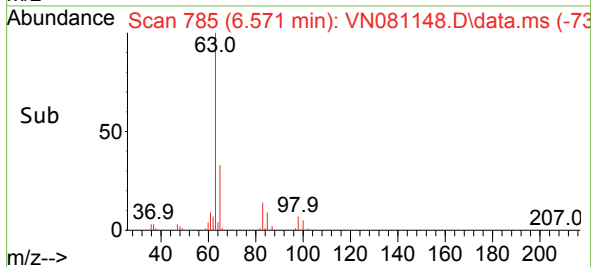
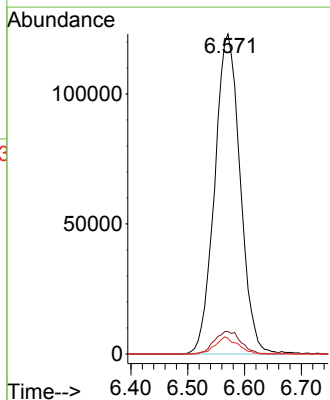
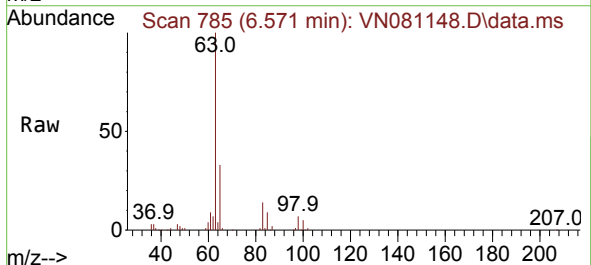
Instrument :
 MSVOA_N
 ClientSampleId :

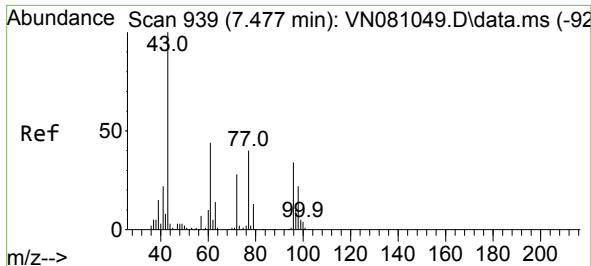
Tgt Ion: 43 Resp: 342145
 Ion Ratio Lower Upper
 43 100
 86 0.3 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 54.798 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN081148.D
 Acq: 22 Feb 2024 20:23

Tgt Ion: 63 Resp: 383174
 Ion Ratio Lower Upper
 63 100
 98 7.0 2.9 8.6
 100 4.9 1.9 5.7

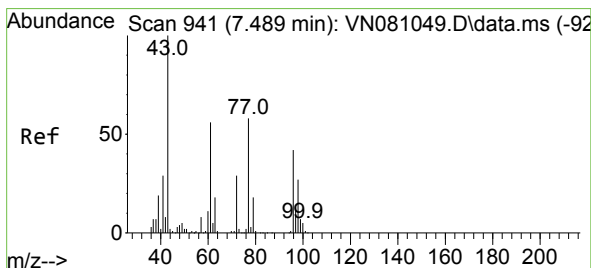
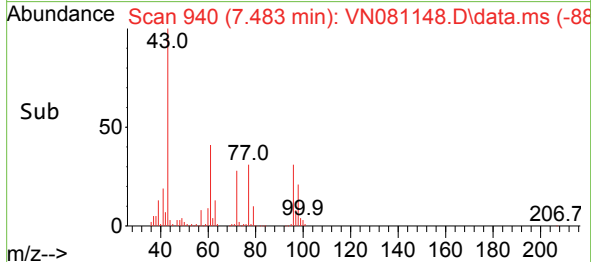
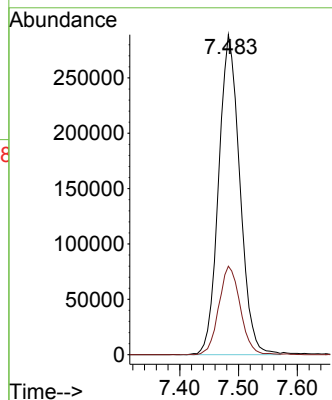
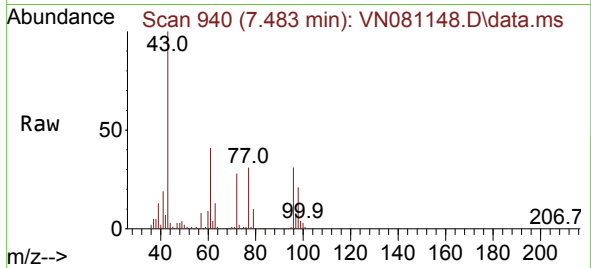




#25
2-Butanone
Concen: 292.612 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

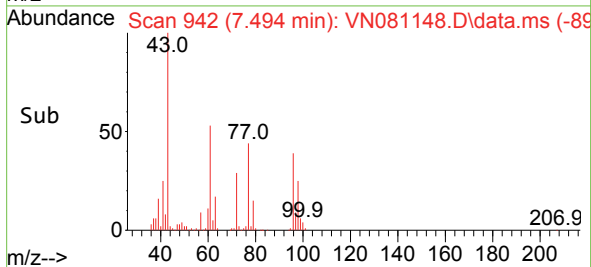
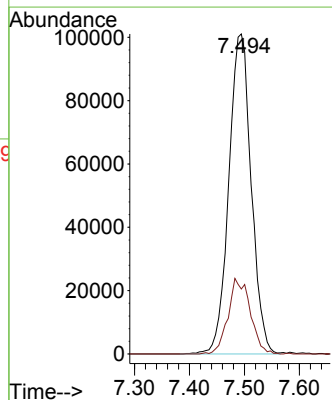
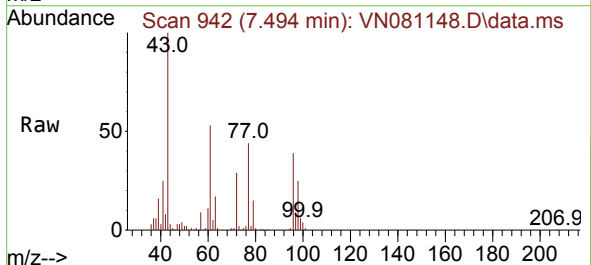
Instrument :
MSVOA_N
ClientSampleId :

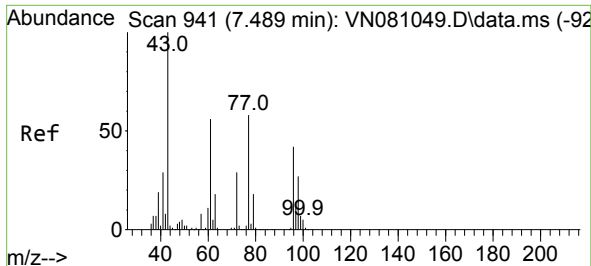
Tgt Ion: 43 Resp: 724364
Ion Ratio Lower Upper
43 100
72 27.7 19.5 29.3



#26
2,2-Dichloropropane
Concen: 43.613 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

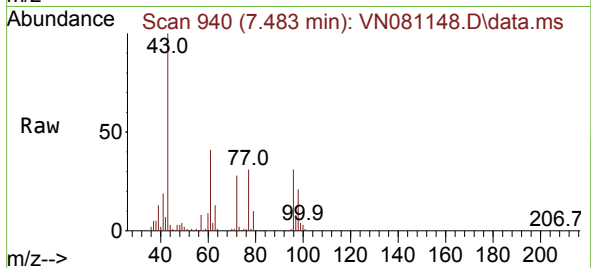
Tgt Ion: 77 Resp: 285746
Ion Ratio Lower Upper
77 100
97 23.3 11.5 34.5



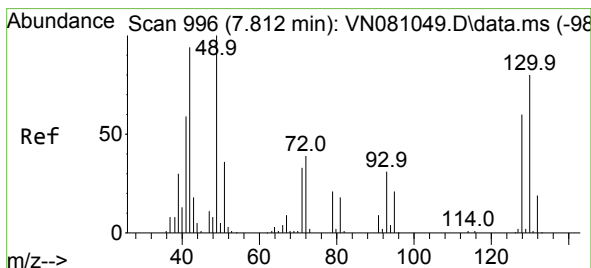
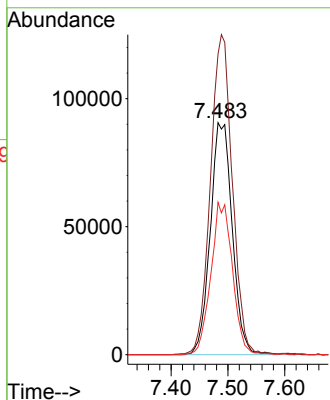
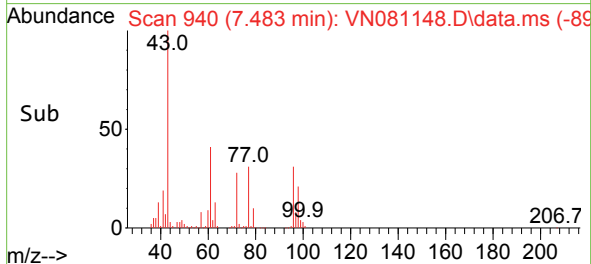


#27
cis-1,2-Dichloroethene
Concen: 52.290 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

Instrument :
MSVOA_N
ClientSampleId :

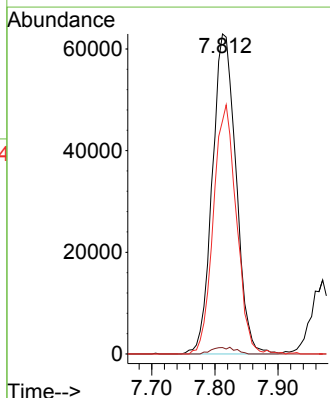
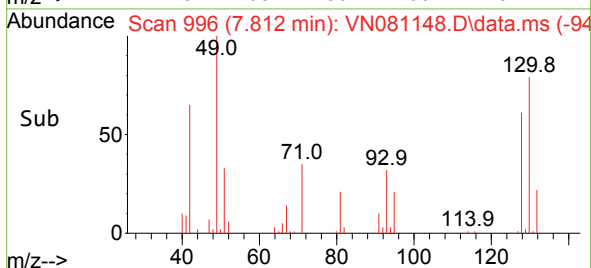
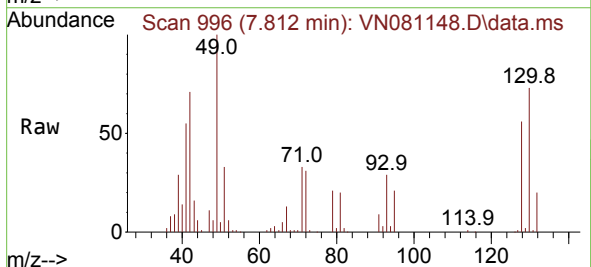


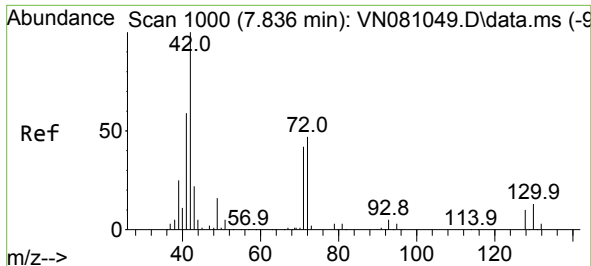
Tgt Ion: 96 Resp: 243539
Ion Ratio Lower Upper
96 100
61 137.5 0.0 325.4
98 64.5 0.0 130.4



#28
Bromochloromethane
Concen: 56.604 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

Tgt Ion: 49 Resp: 164087
Ion Ratio Lower Upper
49 100
129 2.1 0.0 1.6#
130 75.3 42.3 63.5#





#29

Tetrahydrofuran

Concen: 311.644 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN081148.D

Acq: 22 Feb 2024 20:23

Instrument :

MSVOA_N

ClientSampleId :

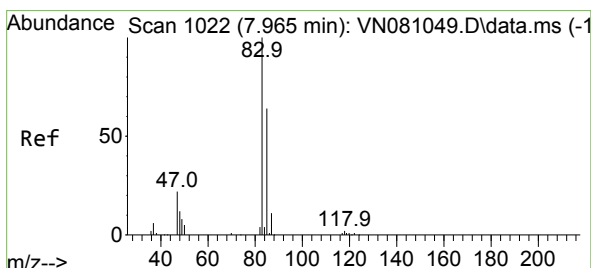
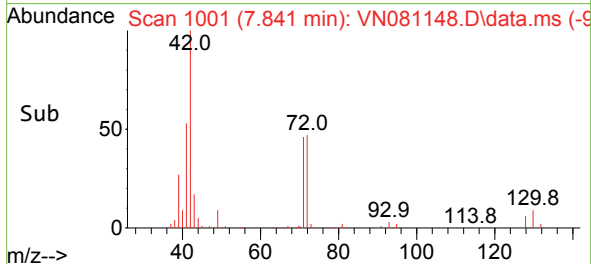
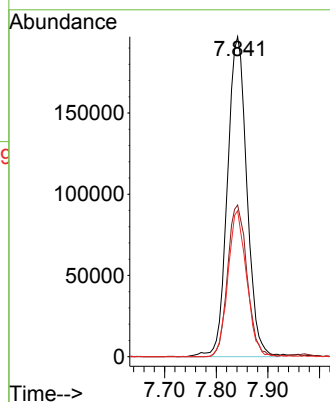
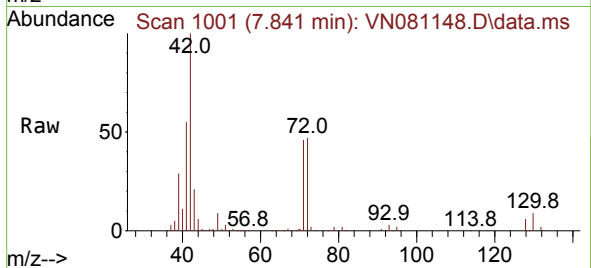
Tgt Ion: 42 Resp: 514998

Ion Ratio Lower Upper

42 100

72 47.6 31.1 46.7#

71 43.7 28.3 42.5#



#30

Chloroform

Concen: 54.339 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN081148.D

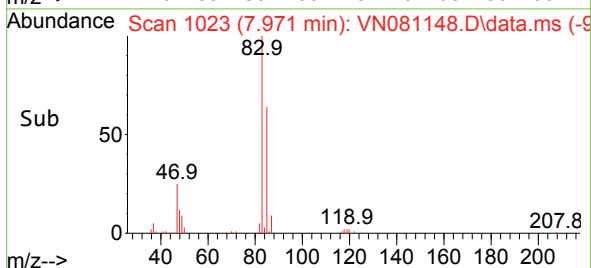
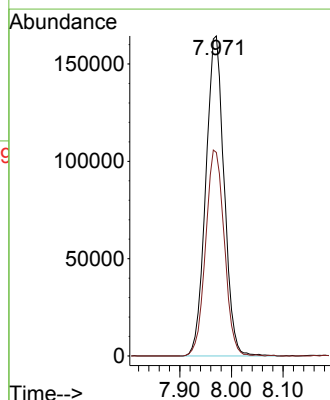
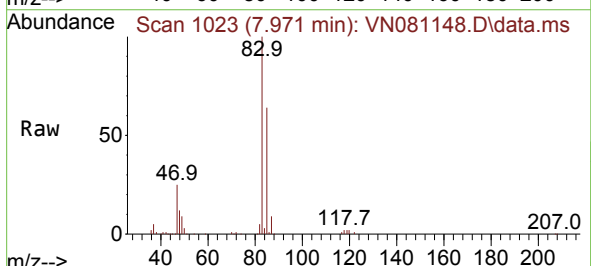
Acq: 22 Feb 2024 20:23

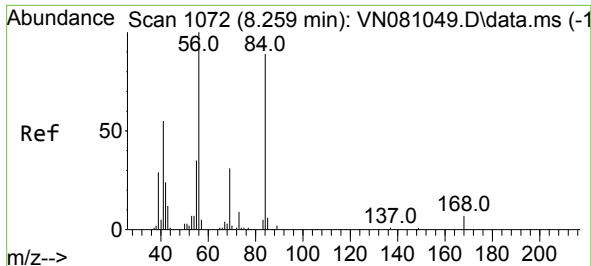
Tgt Ion: 83 Resp: 403931

Ion Ratio Lower Upper

83 100

85 63.6 51.0 76.6

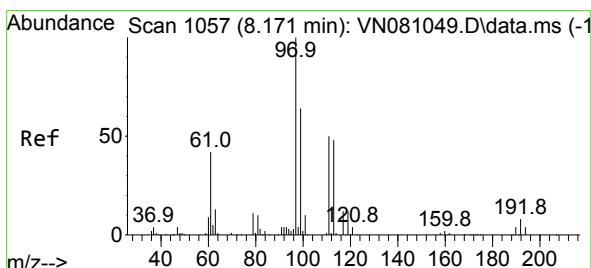
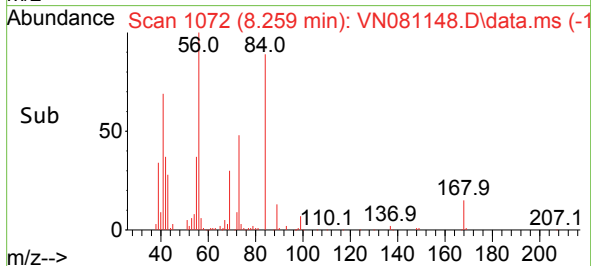
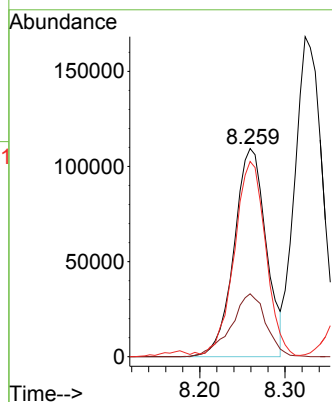
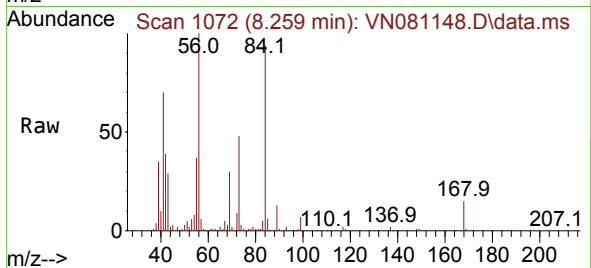




#31
Cyclohexane
Concen: 42.540 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

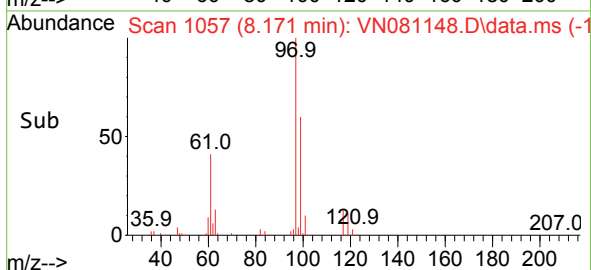
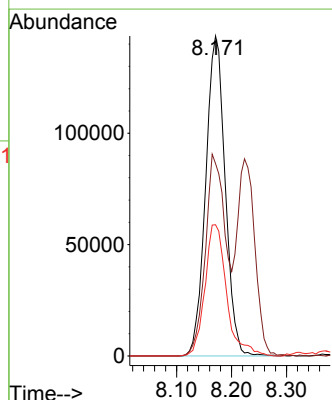
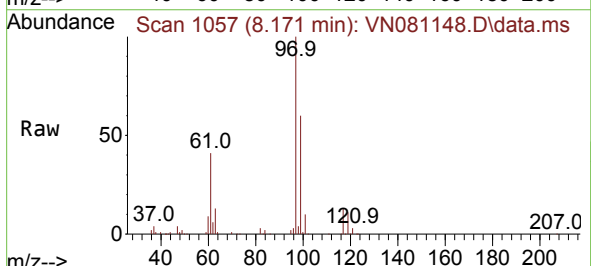
Instrument :
MSVOA_N
ClientSampleId :

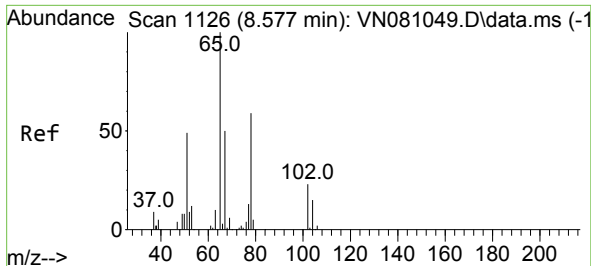
Tgt Ion: 56 Resp: 286049
Ion Ratio Lower Upper
56 100
69 30.2 20.1 30.1#
84 90.9 56.9 85.3#



#32
1,1,1-Trichloroethane
Concen: 52.381 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

Tgt Ion: 97 Resp: 354620
Ion Ratio Lower Upper
97 100
99 65.3 53.4 80.0
61 45.6 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 50.854 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081148.D

Acq: 22 Feb 2024 20:23

Instrument :

MSVOA_N

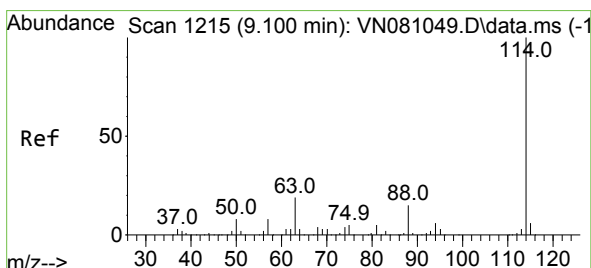
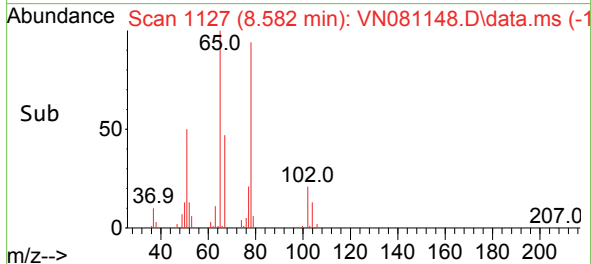
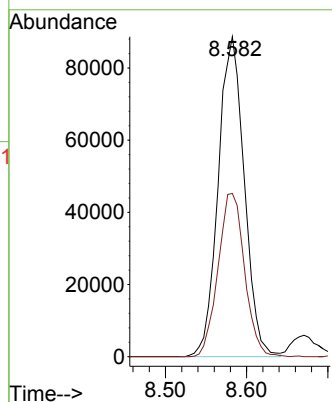
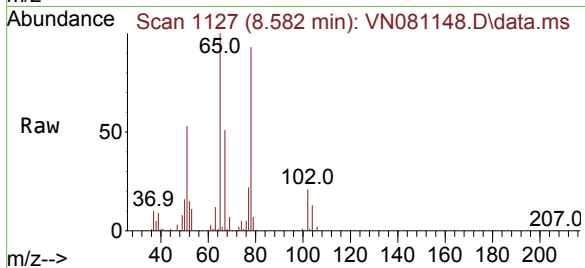
ClientSampleId :

Tgt Ion: 65 Resp: 198041

Ion Ratio Lower Upper

65 100

67 51.8 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081148.D

Acq: 22 Feb 2024 20:23

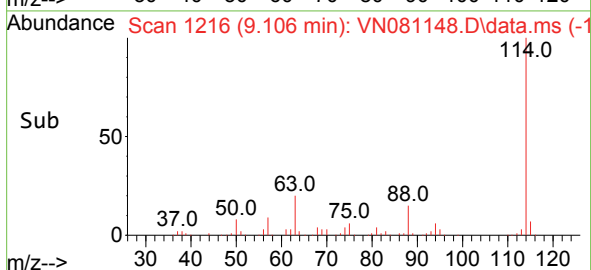
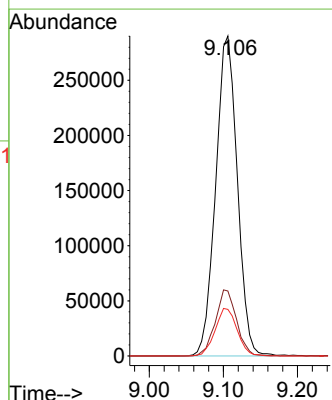
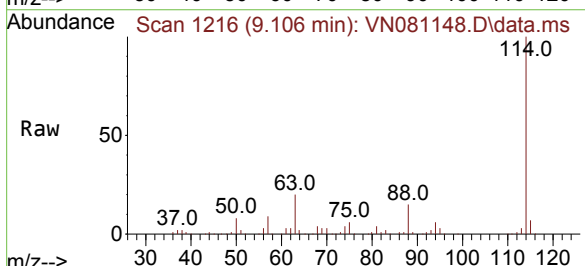
Tgt Ion: 114 Resp: 588556

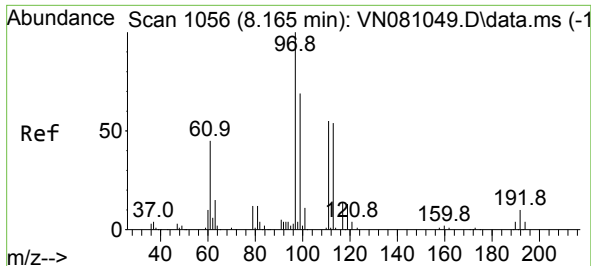
Ion Ratio Lower Upper

114 100

63 20.3 0.0 48.0

88 14.5 0.0 34.8





#35

Dibromofluoromethane

Concen: 0.267 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. 0.059 min

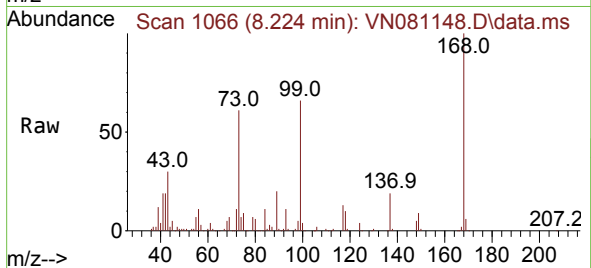
Lab File: VN081148.D

Acq: 22 Feb 2024 20:23

Instrument :

MSVOA_N

ClientSampleId :



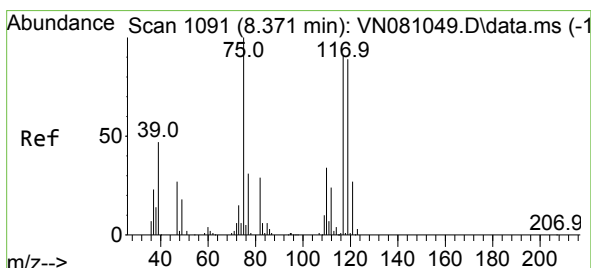
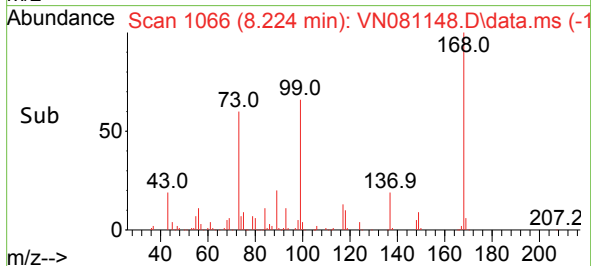
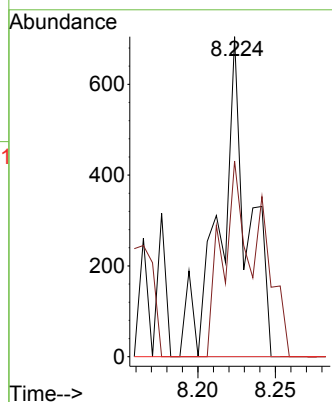
Tgt Ion:113 Resp: 888

Ion Ratio Lower Upper

113 100

111 0.0 82.2 123.4#

192 0.0 12.5 18.7#



#36

1,1-Dichloropropene

Concen: 48.489 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN081148.D

Acq: 22 Feb 2024 20:23

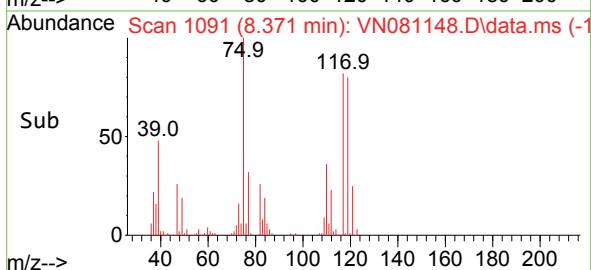
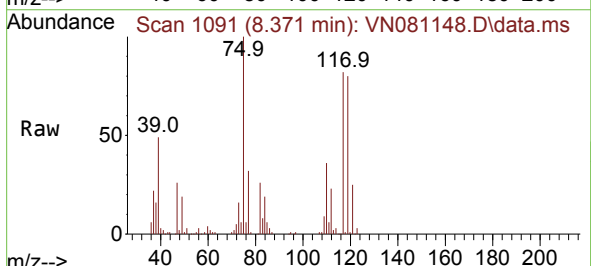
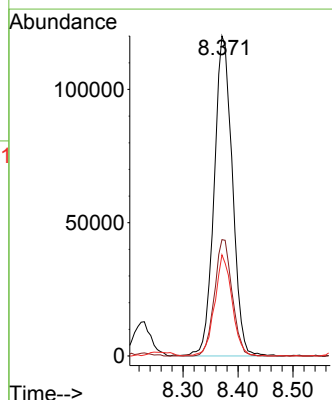
Tgt Ion: 75 Resp: 276470

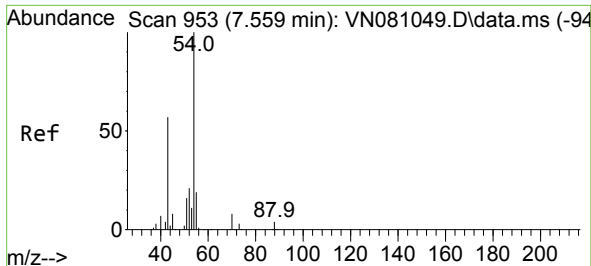
Ion Ratio Lower Upper

75 100

110 35.4 16.0 48.0

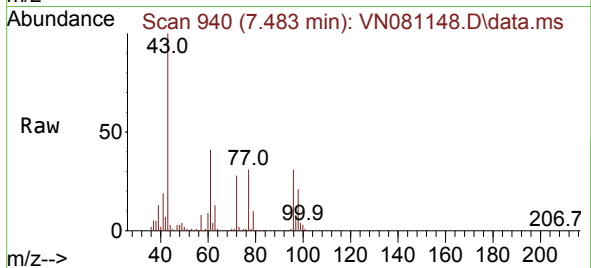
77 30.2 25.8 38.6



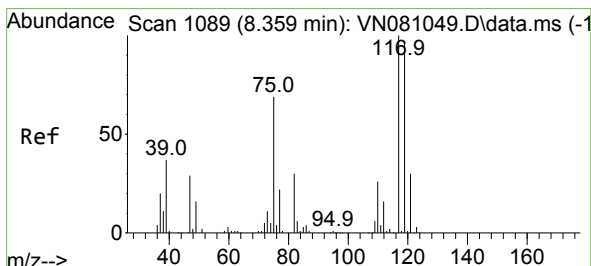
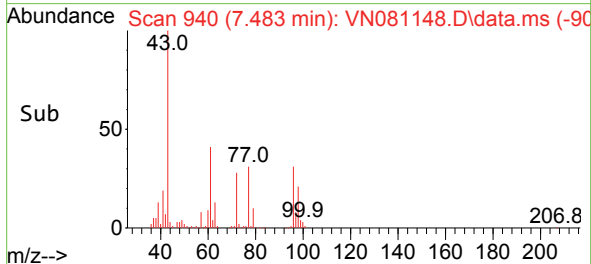
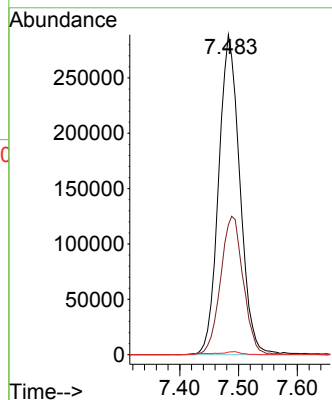


#37
Ethyl Acetate
Concen: 140.766 ug/l
RT: 7.483 min Scan# 94
Delta R.T. -0.077 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

Instrument :
MSVOA_N
ClientSampleId :

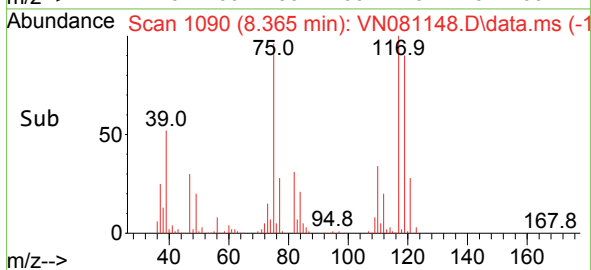
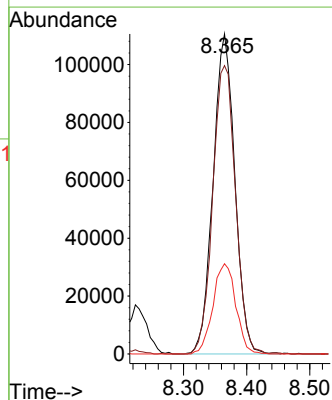
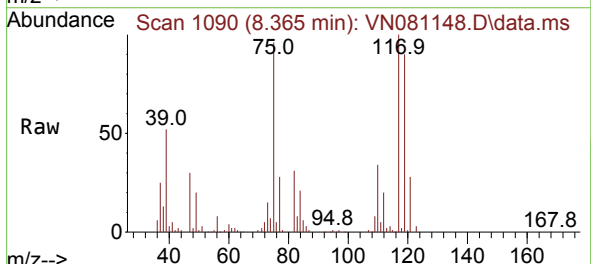


Tgt Ion: 43 Resp: 724364
Ion Ratio Lower Upper
43 100
61 46.2 10.6 15.8#
70 0.9 8.0 12.0#



#38
Carbon Tetrachloride
Concen: 45.885 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

Tgt Ion: 117 Resp: 264691
Ion Ratio Lower Upper
117 100
119 90.1 73.4 110.2
121 28.2 24.4 36.6

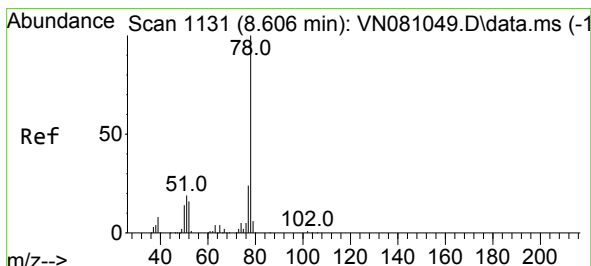
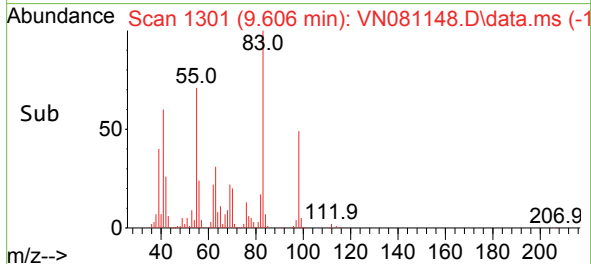
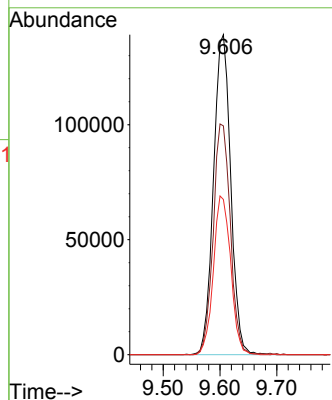
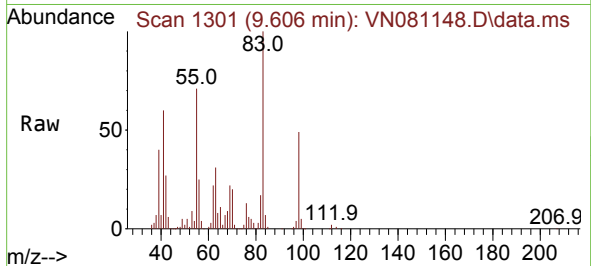




#39
Methylcyclohexane
Concen: 43.917 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

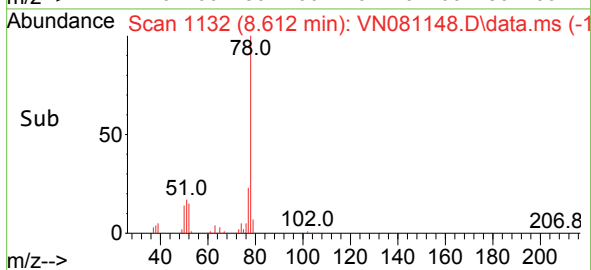
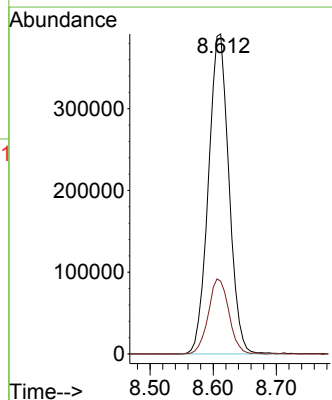
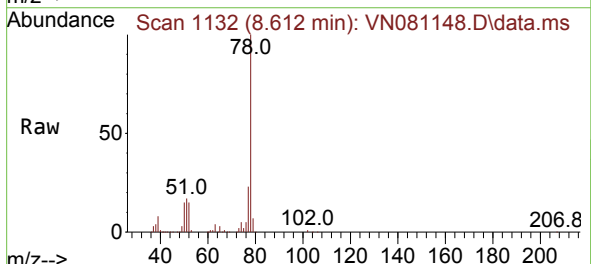
Instrument :
MSVOA_N
ClientSampleId :

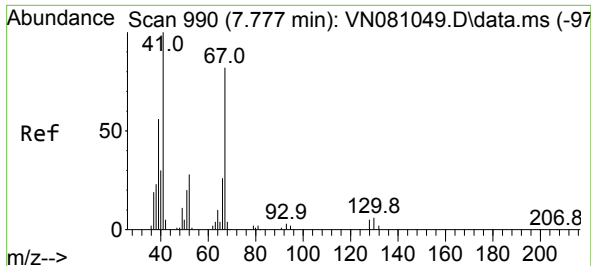
Tgt Ion: 83 Resp: 291898
Ion Ratio Lower Upper
83 100
55 71.5 65.7 98.5
98 48.5 33.8 50.6



#40
Benzene
Concen: 53.463 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

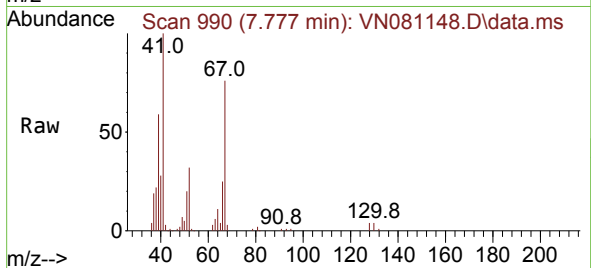
Tgt Ion: 78 Resp: 882333
Ion Ratio Lower Upper
78 100
77 22.8 20.4 30.6



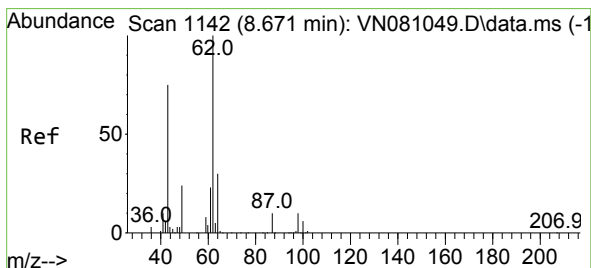
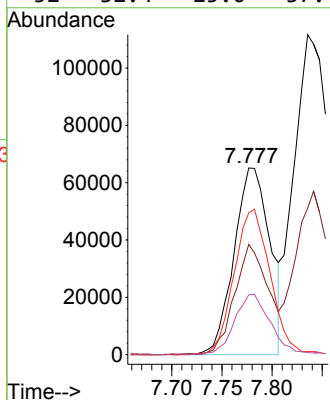
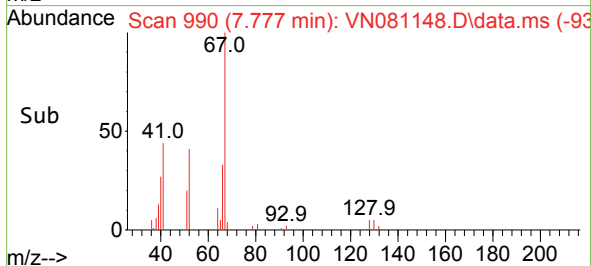


#41
Methacrylonitrile
Concen: 55.520 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

Instrument :
MSVOA_N
ClientSampleId :

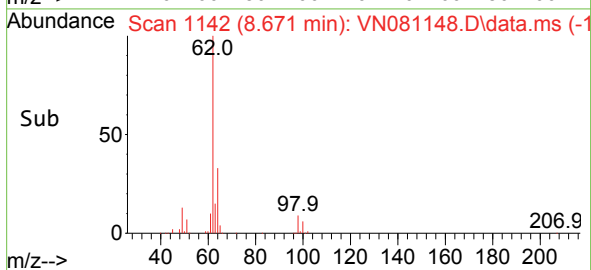
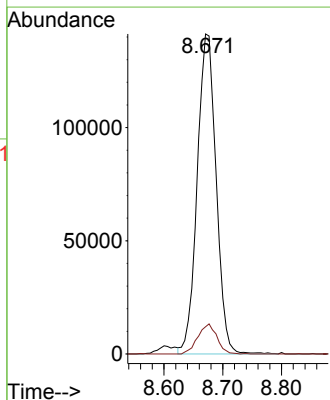
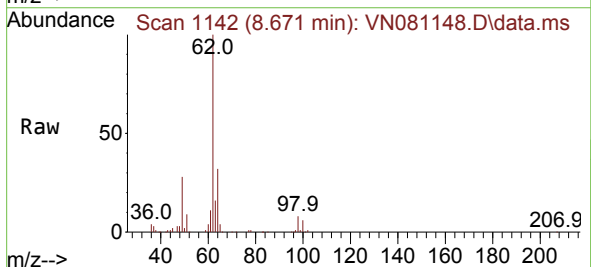


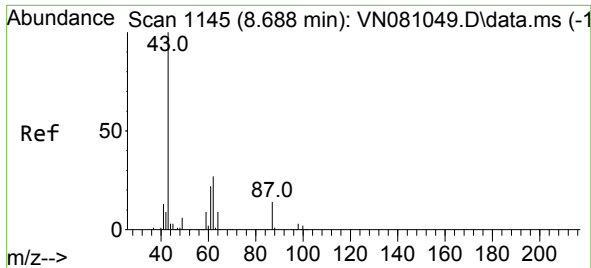
Tgt Ion: 41 Resp: 162597
Ion Ratio Lower Upper
41 100
39 54.9 48.4 72.6
67 78.5 56.8 85.2
52 32.4 25.0 37.4



#42
1,2-Dichloroethane
Concen: 54.964 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

Tgt Ion: 62 Resp: 316474
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.0

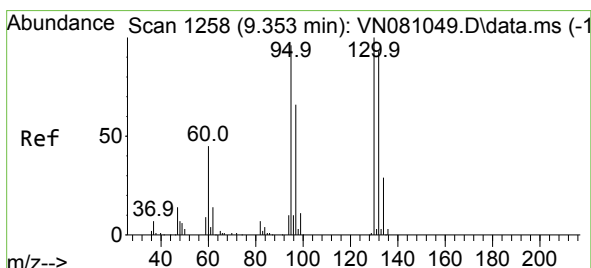
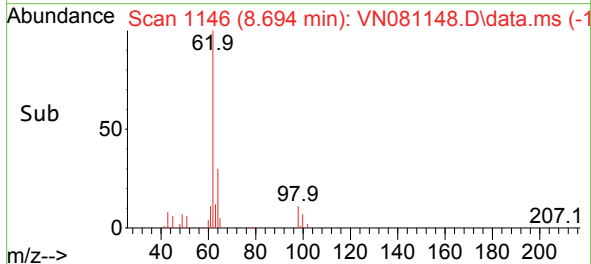
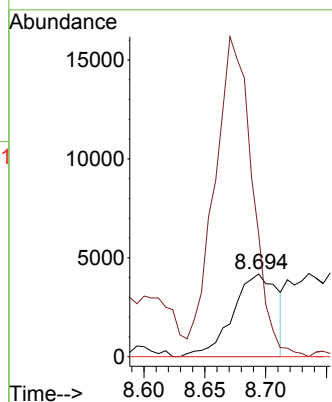
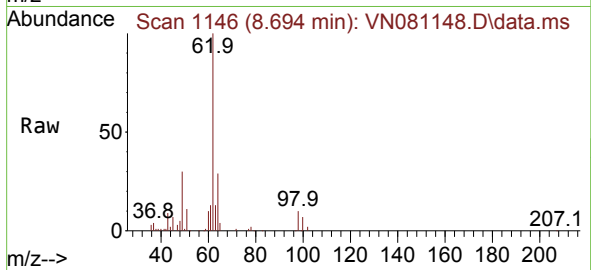




#43
Isopropyl Acetate
Concen: 1.182 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

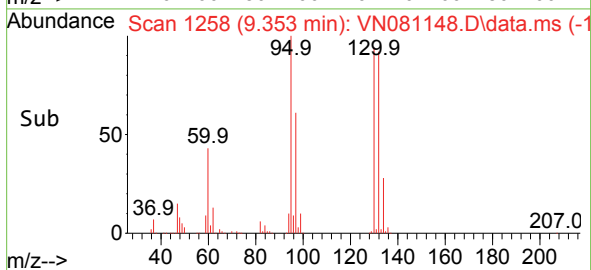
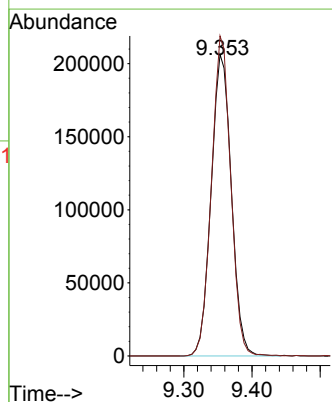
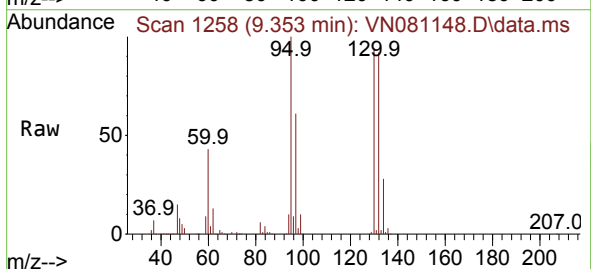
Instrument :
MSVOA_N
ClientSampleId :

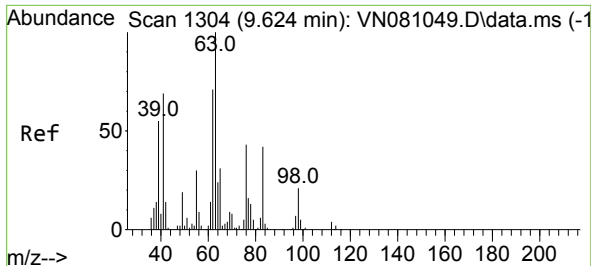
Tgt Ion: 43 Resp: 10635
Ion Ratio Lower Upper
43 100
61 0.0 19.9 29.9#
87 0.0 9.0 13.6#



#44
Trichloroethene
Concen: 96.798 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

Tgt Ion:130 Resp: 425492
Ion Ratio Lower Upper
130 100
95 106.1 0.0 210.4





#45

1,2-Dichloropropane

Concen: 54.324 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN081148.D

Acq: 22 Feb 2024 20:23

Instrument :

MSVOA_N

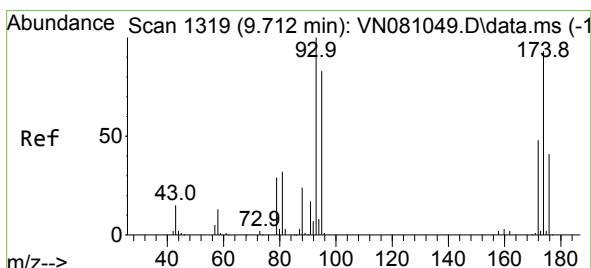
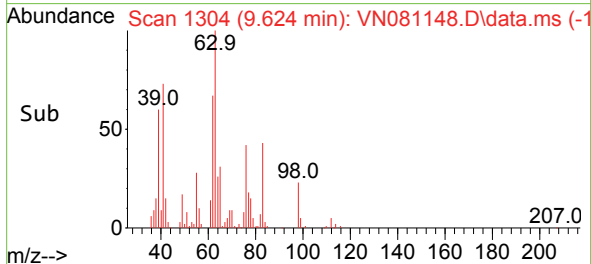
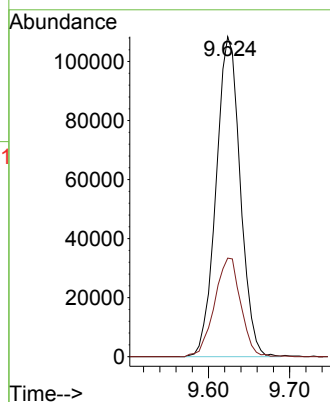
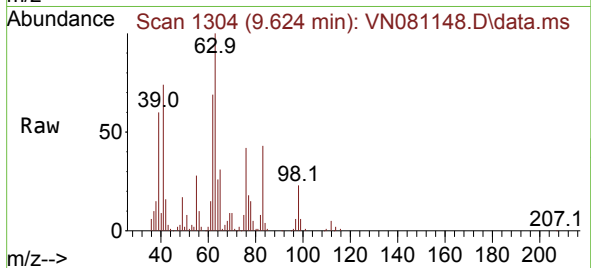
ClientSampleId :

Tgt Ion: 63 Resp: 224266

Ion Ratio Lower Upper

63 100

65 30.8 26.1 39.1



#46

Dibromomethane

Concen: 55.974 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN081148.D

Acq: 22 Feb 2024 20:23

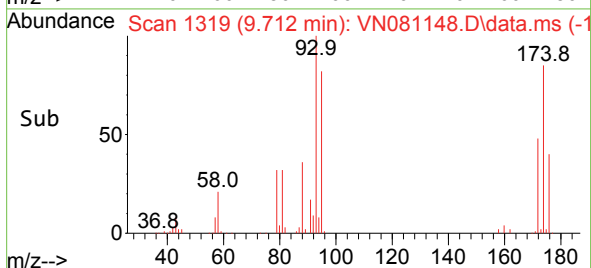
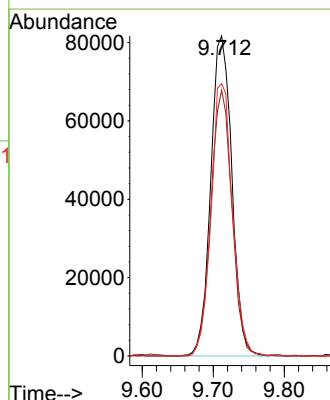
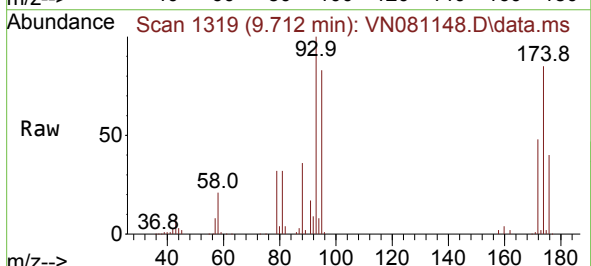
Tgt Ion: 93 Resp: 168365

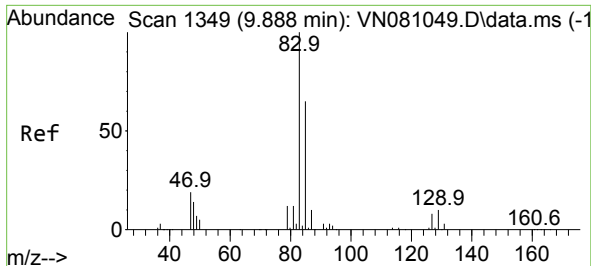
Ion Ratio Lower Upper

93 100

95 83.2 68.1 102.1

174 86.1 57.2 85.8#





#47

Bromodichloromethane

Concen: 31.936 ug/l

RT: 9.888 min Scan# 1

Delta R.T. -0.000 min

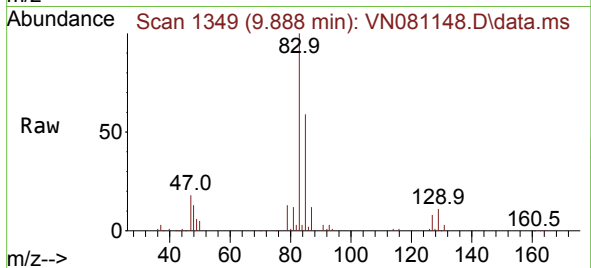
Lab File: VN081148.D

Acq: 22 Feb 2024 20:23

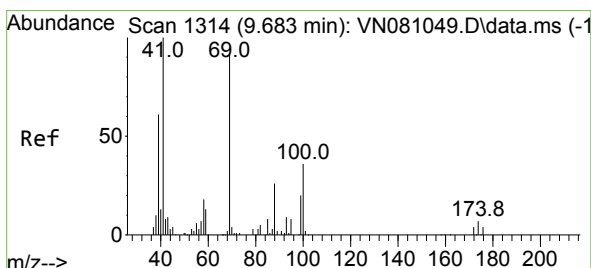
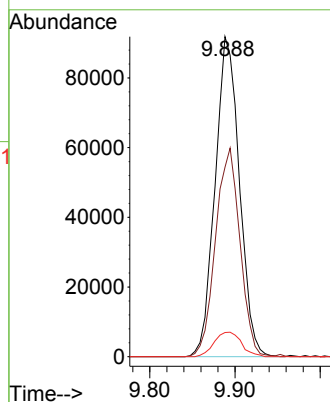
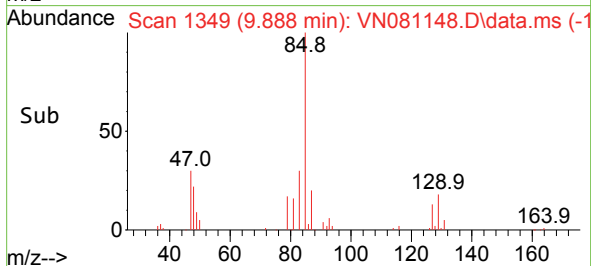
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 83	Resp: 181934
Ion Ratio	Lower Upper
83	100
85	59.2 52.3 78.5
127	7.5 4.6 7.0#



#48

Methyl methacrylate

Concen: 58.763 ug/l

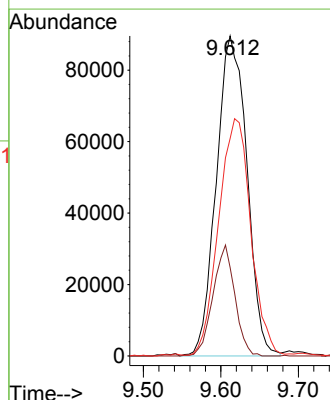
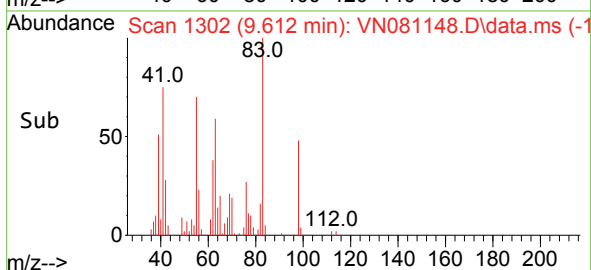
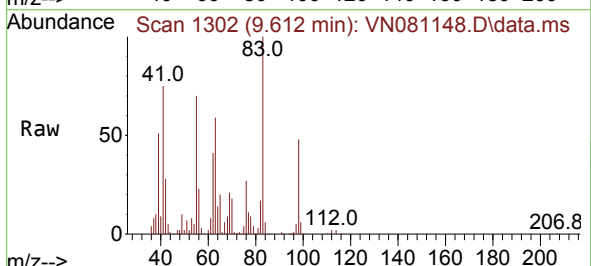
RT: 9.612 min Scan# 1302

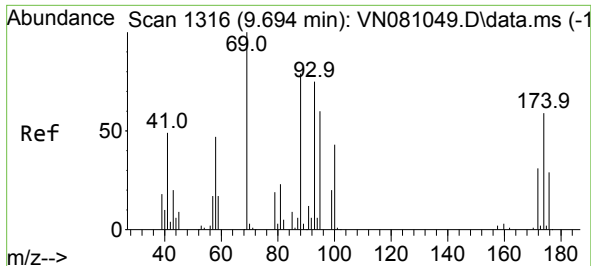
Delta R.T. -0.071 min

Lab File: VN081148.D

Acq: 22 Feb 2024 20:23

Tgt Ion: 41	Resp: 246081
Ion Ratio	Lower Upper
41	100
69	24.7 62.2 93.2#
39	77.4 47.6 71.4#





#49

1,4-Dioxane

Concen: 1359.130 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.006 min

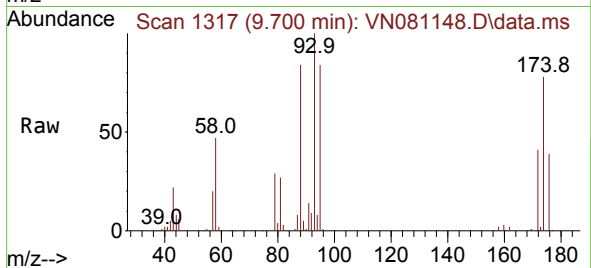
Lab File: VN081148.D

Acq: 22 Feb 2024 20:23

Instrument :

MSVOA_N

ClientSampleId :



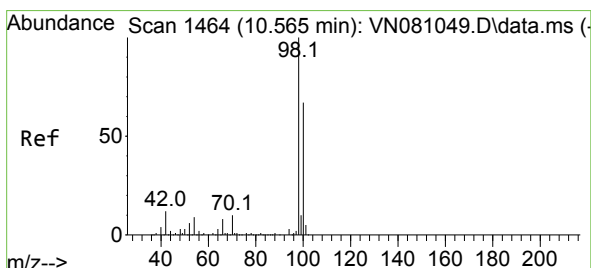
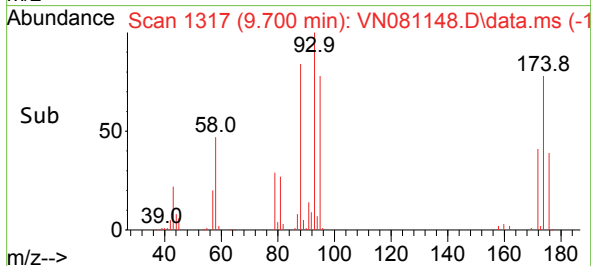
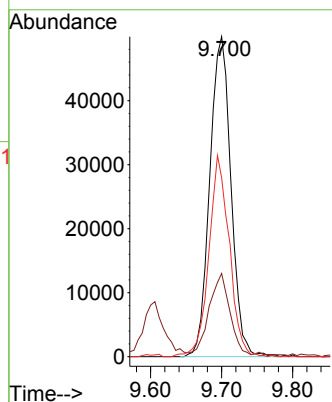
Tgt Ion: 88 Resp: 103632

Ion Ratio Lower Upper

88 100

43 24.7 30.1 45.1#

58 60.7 63.9 95.9#



#50

Toluene-d8

Concen: 46.637 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081148.D

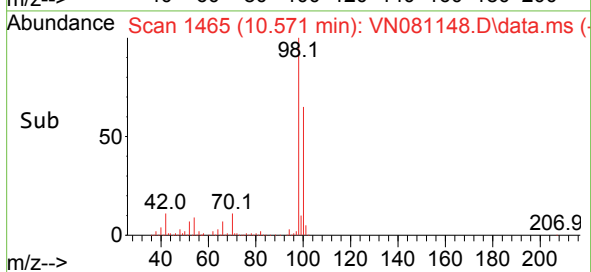
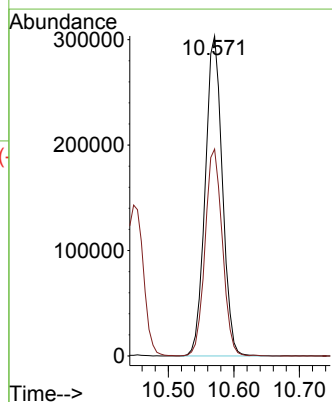
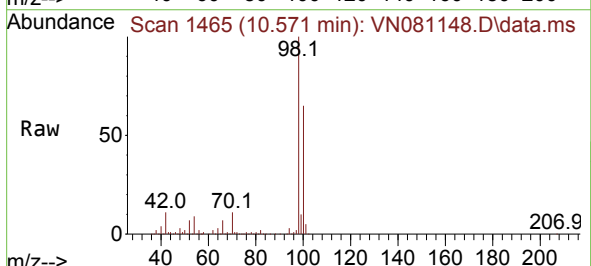
Acq: 22 Feb 2024 20:23

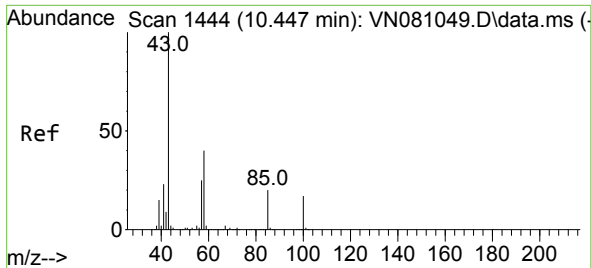
Tgt Ion: 98 Resp: 551275

Ion Ratio Lower Upper

98 100

100 64.9 51.4 77.0

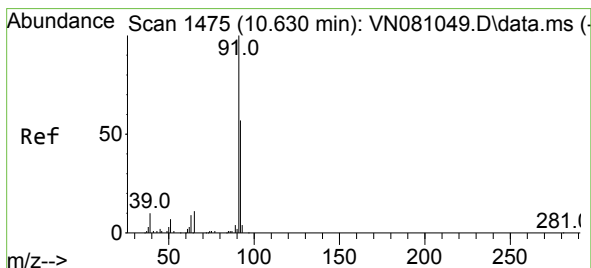
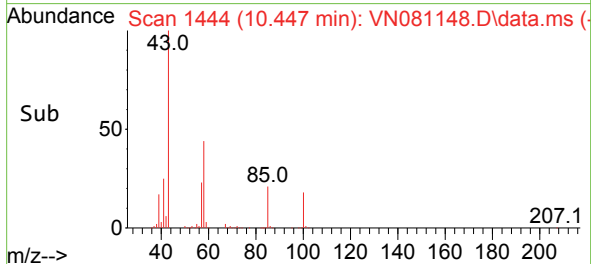
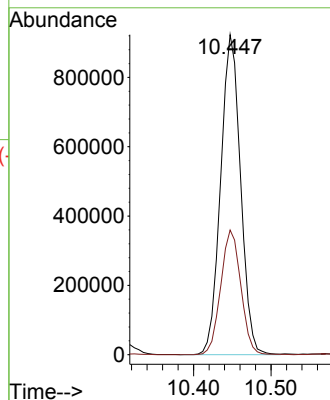
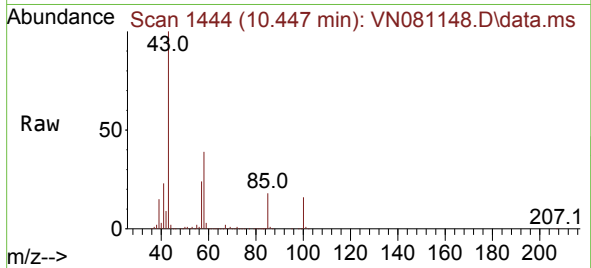




#51
4-Methyl-2-Pentanone
Concen: 319.226 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

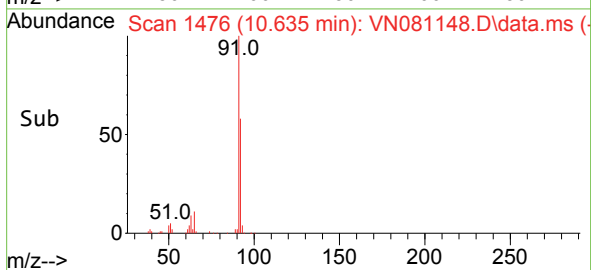
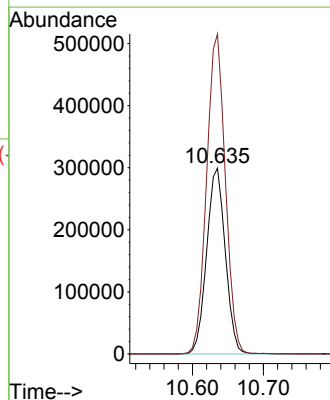
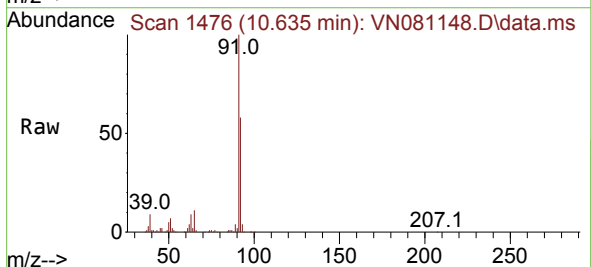
Instrument :
MSVOA_N
ClientSampleId :

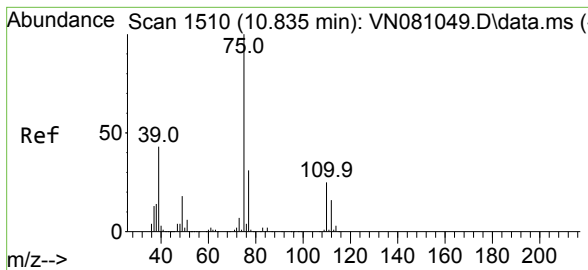
Tgt Ion: 43 Resp: 1652685
Ion Ratio Lower Upper
43 100
58 39.3 29.4 44.0



#52
Toluene
Concen: 52.352 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

Tgt Ion: 92 Resp: 546980
Ion Ratio Lower Upper
92 100
91 172.9 139.4 209.0

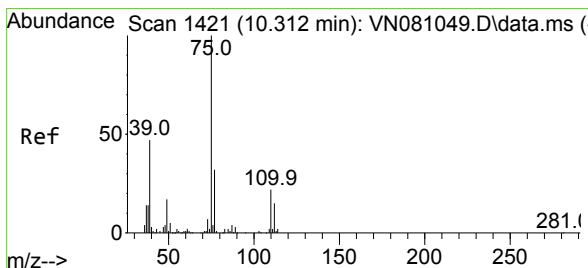
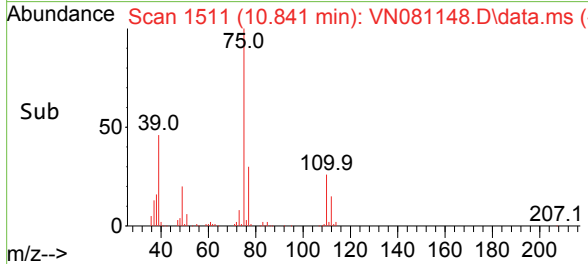
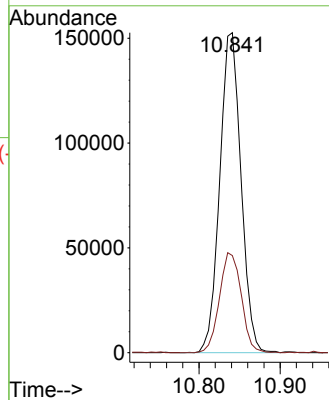
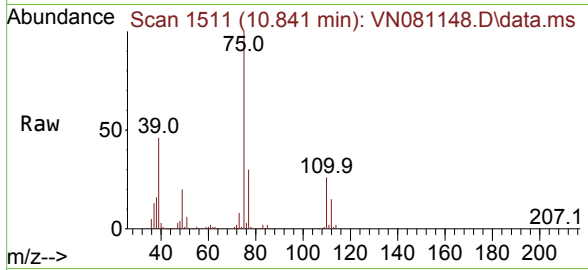




#53
 t-1,3-Dichloropropene
 Concen: 43.910 ug/l
 RT: 10.841 min Scan# 1510
 Delta R.T. 0.006 min
 Lab File: VN081148.D
 Acq: 22 Feb 2024 20:23

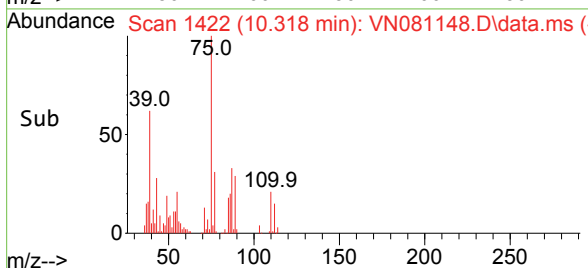
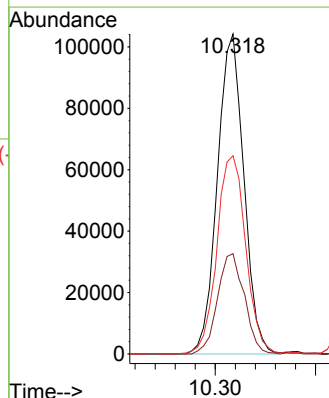
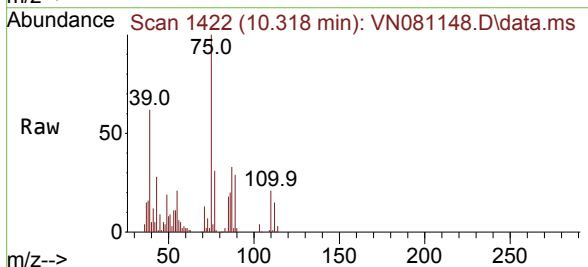
Instrument :
 MSVOA_N
 ClientSampleId :

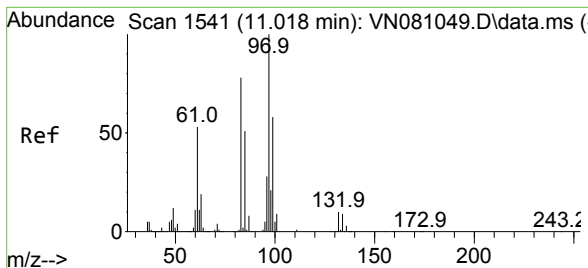
Tgt Ion: 75 Resp: 277981
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 27.940 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VN081148.D
 Acq: 22 Feb 2024 20:23

Tgt Ion: 75 Resp: 191107
 Ion Ratio Lower Upper
 75 100
 77 31.4 23.3 34.9
 39 61.8 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 10.569 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

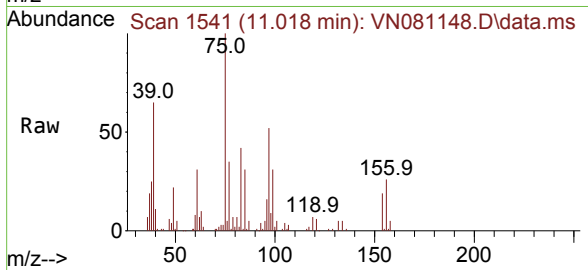
Lab File: VN081148.D

Acq: 22 Feb 2024 20:23

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 42470

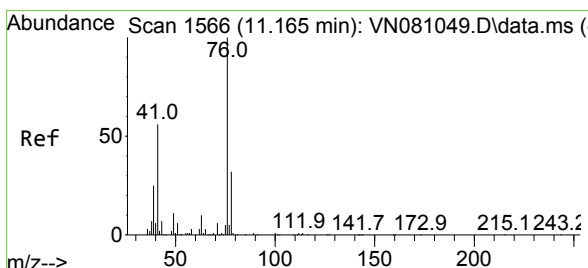
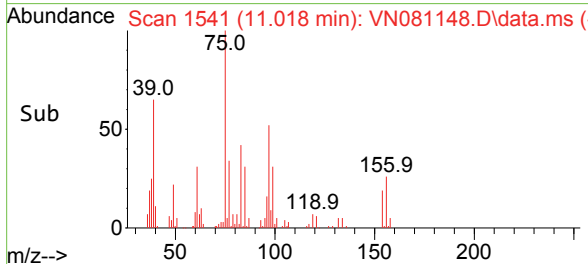
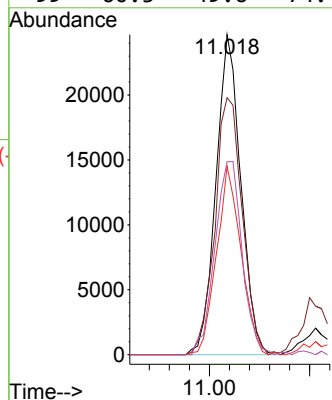
Ion Ratio Lower Upper

97 100

83 80.3 72.9 109.3

85 58.8 50.2 75.2

99 60.3 49.6 74.4



#57

1,3-Dichloropropane

Concen: 56.580 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN081148.D

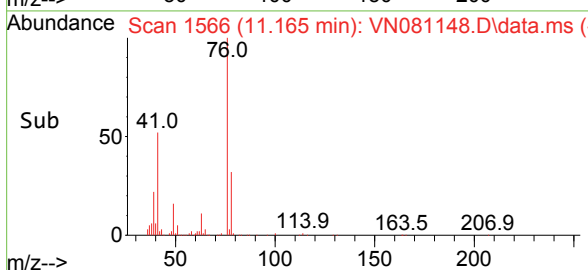
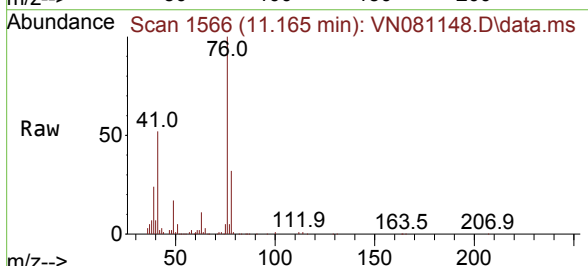
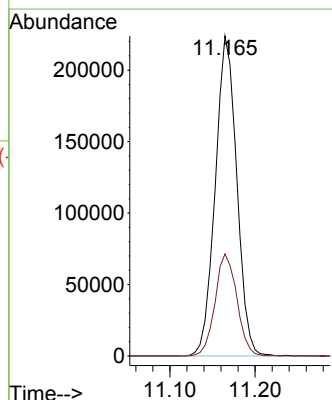
Acq: 22 Feb 2024 20:23

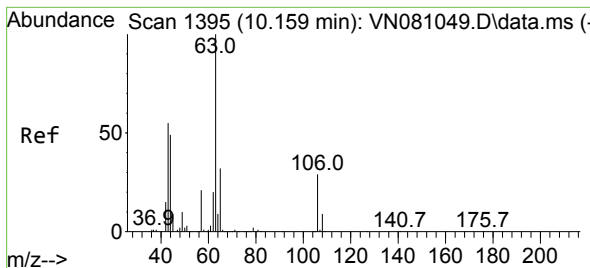
Tgt Ion: 76 Resp: 393137

Ion Ratio Lower Upper

76 100

78 32.4 25.5 38.3

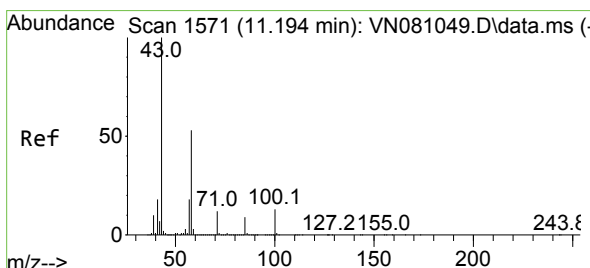
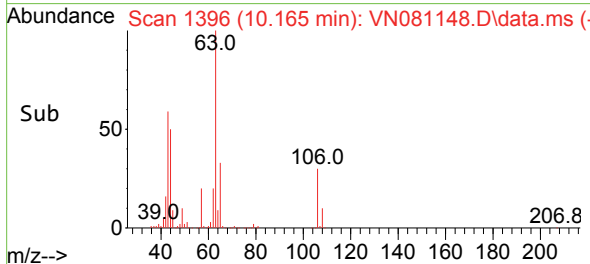
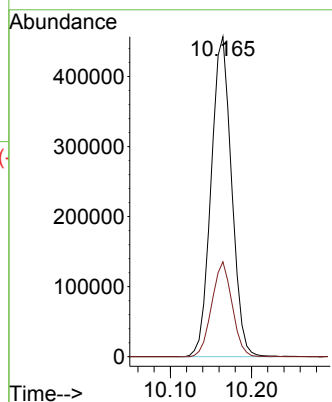
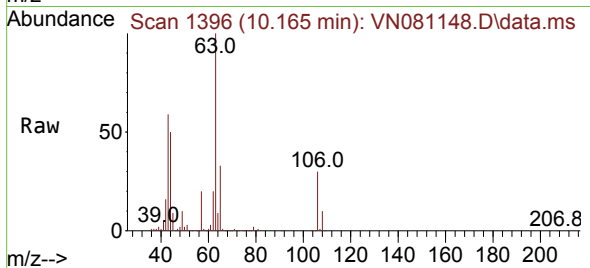




#58
2-Chloroethyl Vinyl ether
Concen: 259.981 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

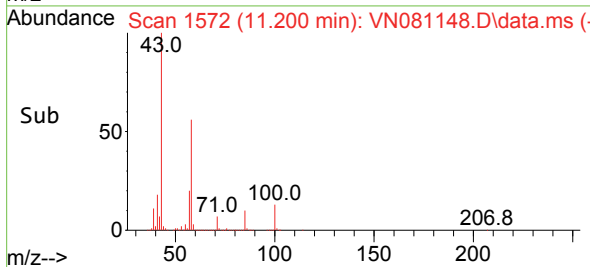
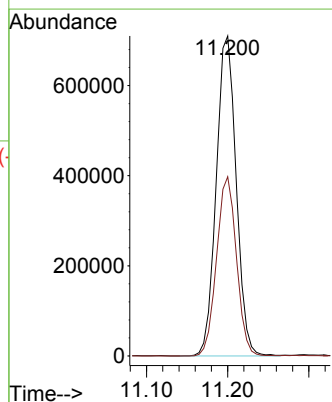
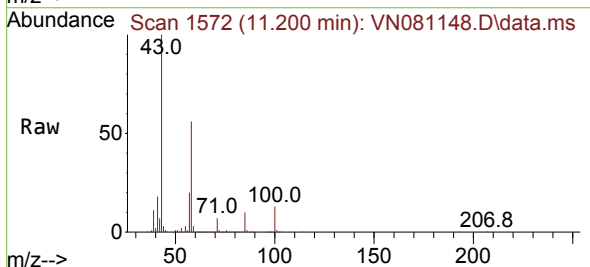
Instrument :
MSVOA_N
ClientSampleId :

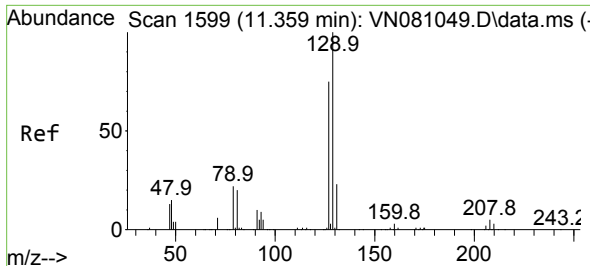
Tgt Ion: 63 Resp: 801138
Ion Ratio Lower Upper
63 100
106 29.4 18.6 28.0#



#59
2-Hexanone
Concen: 295.635 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

Tgt Ion: 43 Resp: 1213423
Ion Ratio Lower Upper
43 100
58 55.7 25.9 77.8

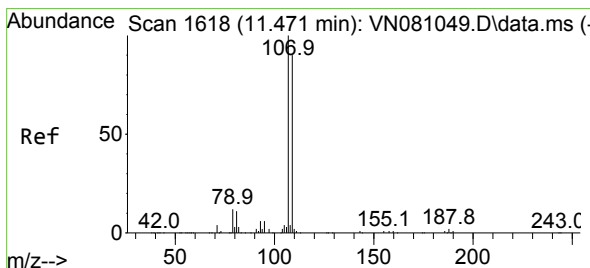
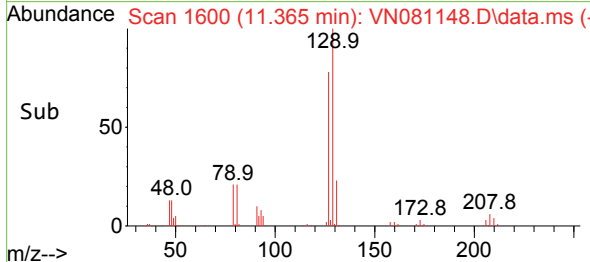
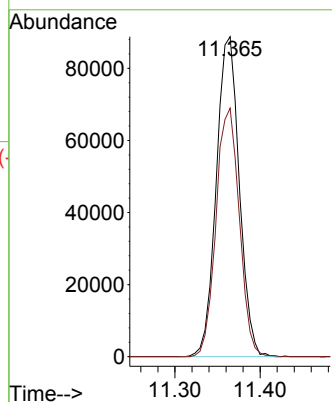
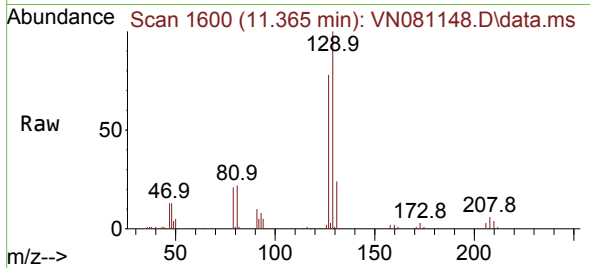




#60
Dibromochloromethane
Concen: 39.008 ug/l
RT: 11.365 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

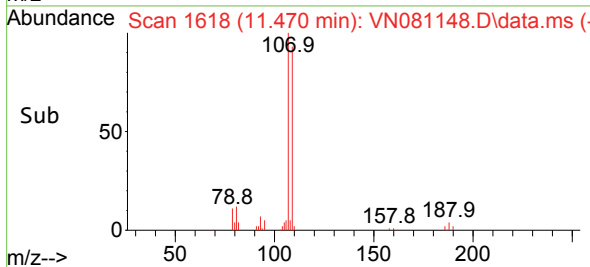
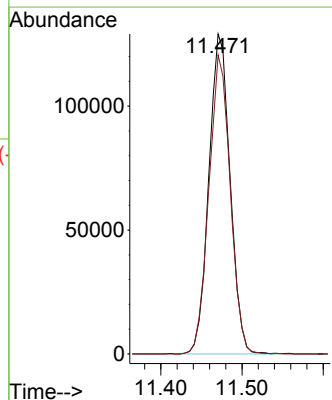
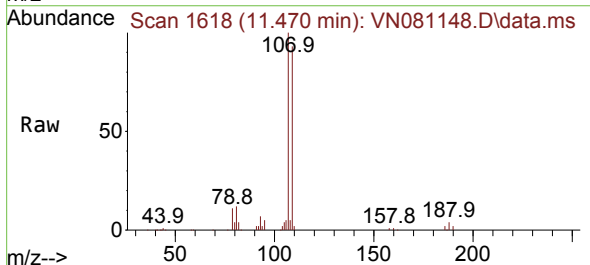
Instrument :
MSVOA_N
ClientSampleId :

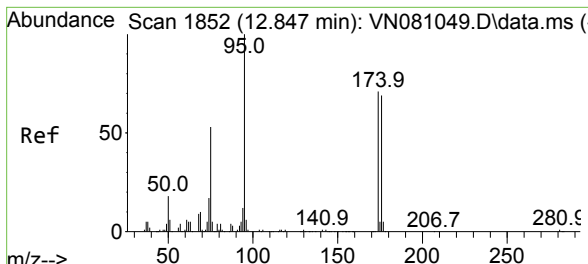
Tgt Ion:129 Resp: 166528
Ion Ratio Lower Upper
129 100
127 78.5 39.4 118.2



#61
1,2-Dibromoethane
Concen: 55.394 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

Tgt Ion:107 Resp: 234082
Ion Ratio Lower Upper
107 100
109 94.1 73.4 110.2

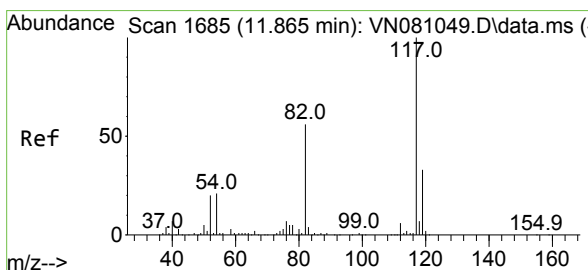
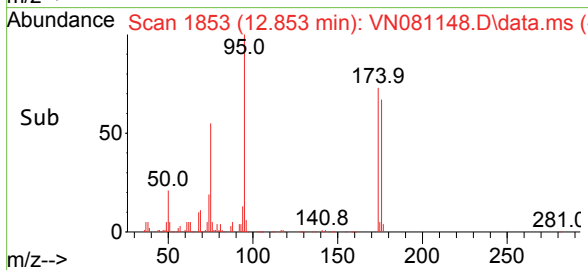
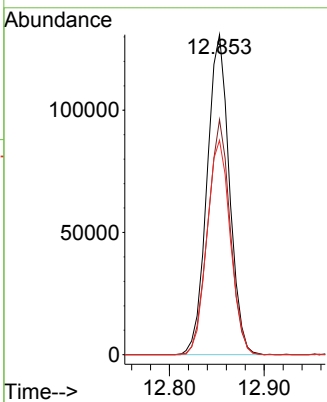
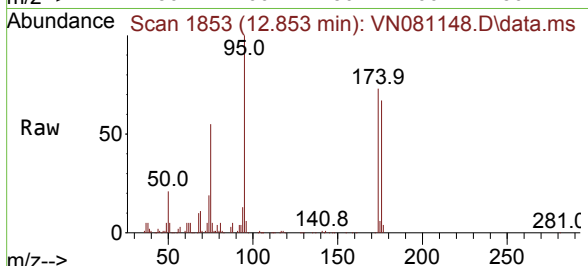




#62
4-Bromofluorobenzene
Concen: 48.206 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

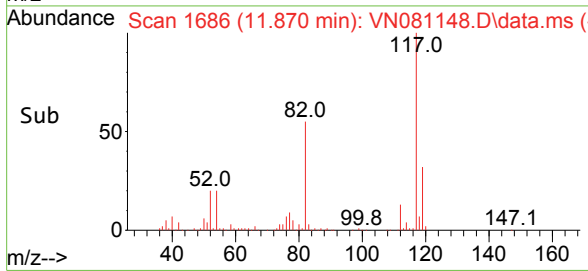
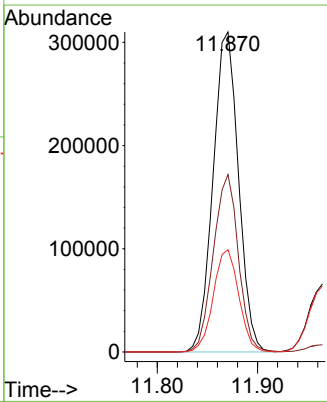
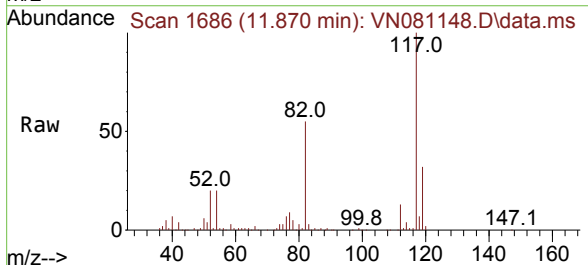
Instrument :
MSVOA_N
ClientSampleId :

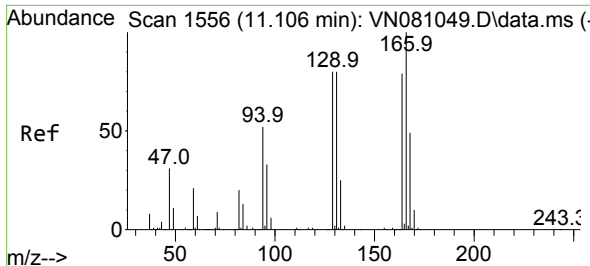
Tgt Ion:	95	Resp:	214111
Ion	Ratio	Lower	Upper
95	100		
174	73.5	0.0	120.4
176	70.1	0.0	121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

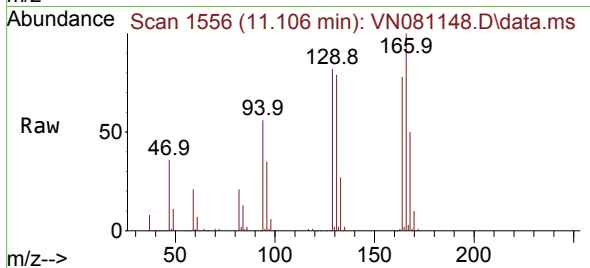
Tgt Ion:	117	Resp:	545832
Ion	Ratio	Lower	Upper
117	100		
82	55.5	52.7	79.1
119	31.9	25.3	37.9



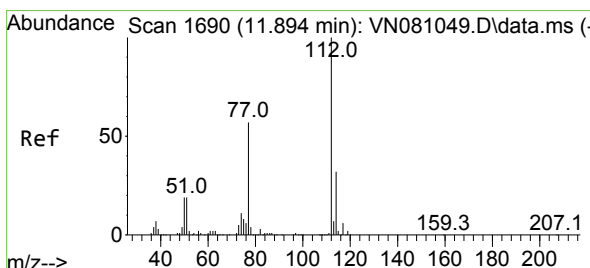
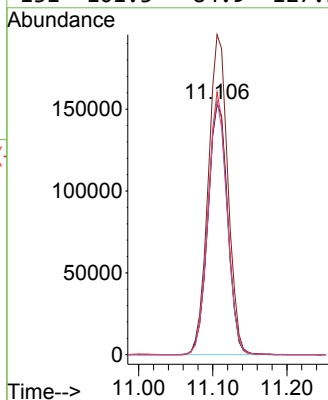
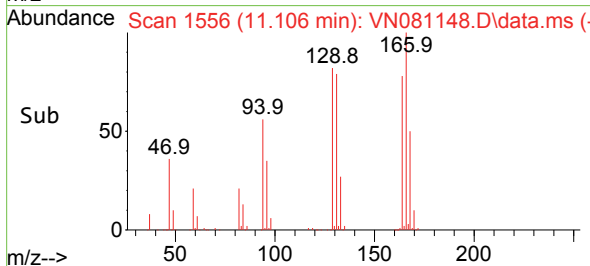


#64
Tetrachloroethene
Concen: 76.059 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

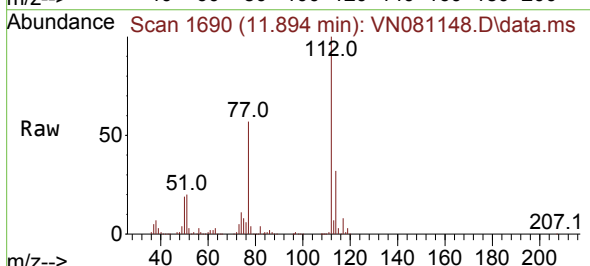
Instrument :
MSVOA_N
ClientSampleId :



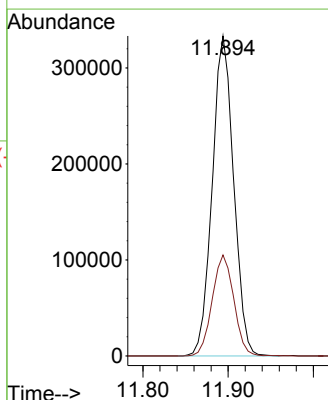
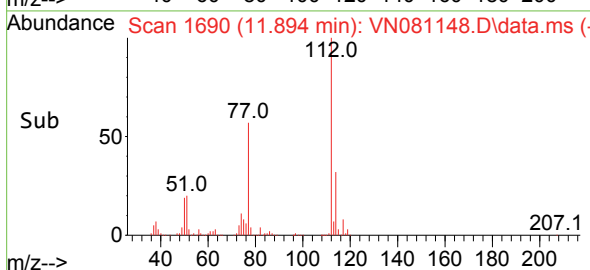
Tgt Ion:164 Resp: 283343
Ion Ratio Lower Upper
164 100
166 127.7 105.8 158.6
129 104.8 89.6 134.4
131 101.3 84.9 127.3

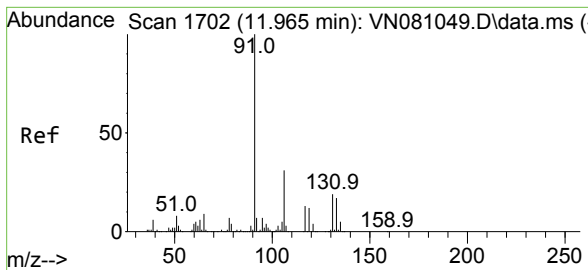


#65
Chlorobenzene
Concen: 49.318 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23



Tgt Ion:112 Resp: 582612
Ion Ratio Lower Upper
112 100
114 31.5 23.7 35.5

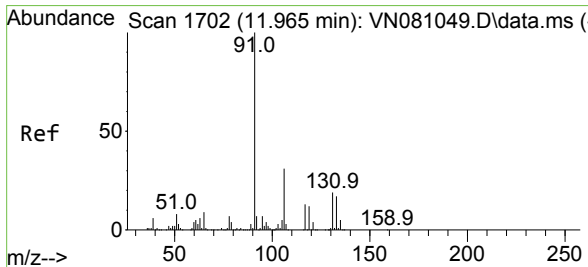
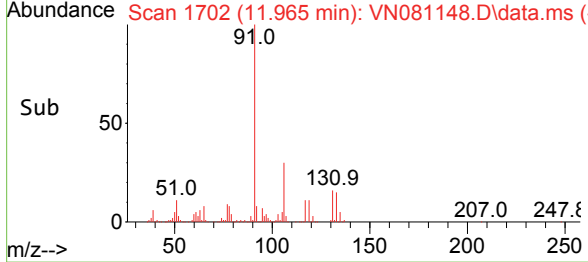
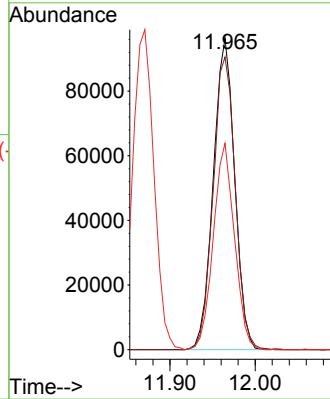
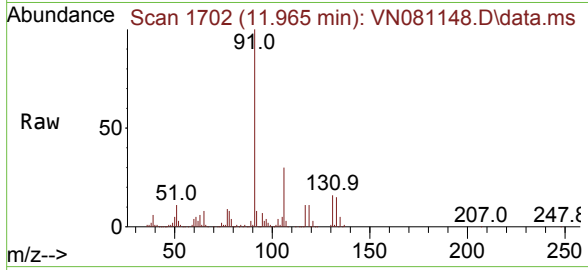




#66
 1,1,1,2-Tetrachloroethane
 Concen: 39.717 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. -0.000 min
 Lab File: VN081148.D
 Acq: 22 Feb 2024 20:23

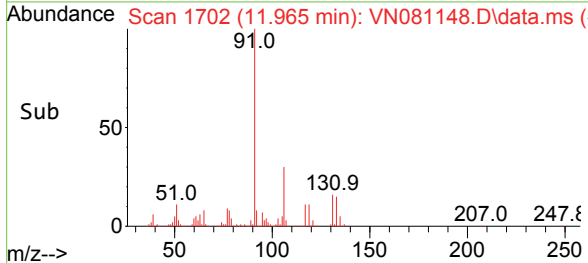
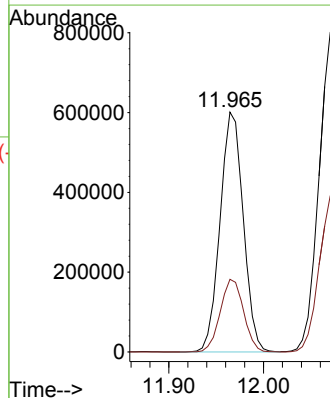
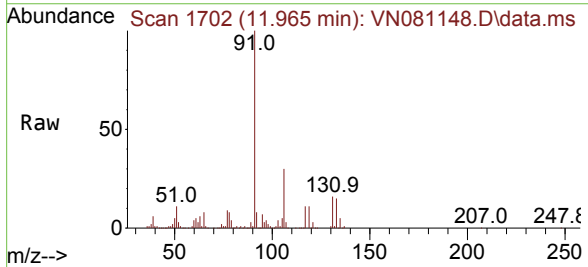
Instrument :
 MSVOA_N
 ClientSampleId :

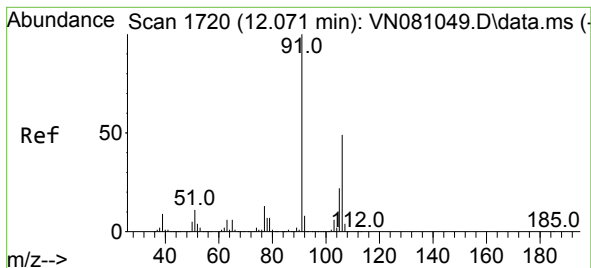
Tgt Ion:131 Resp: 168522
 Ion Ratio Lower Upper
 131 100
 133 96.8 46.8 140.3
 119 65.5 34.6 103.9



#67
 Ethyl Benzene
 Concen: 48.424 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. -0.000 min
 Lab File: VN081148.D
 Acq: 22 Feb 2024 20:23

Tgt Ion: 91 Resp: 1023631
 Ion Ratio Lower Upper
 91 100
 106 30.3 23.8 35.6





#68

m/p-Xylenes

Concen: 96.887 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN081148.D

Acq: 22 Feb 2024 20:23

Instrument :

MSVOA_N

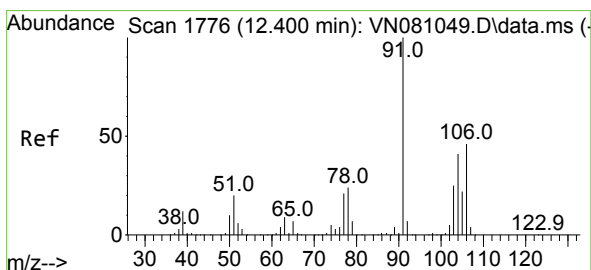
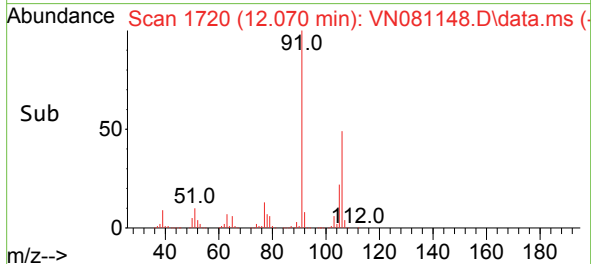
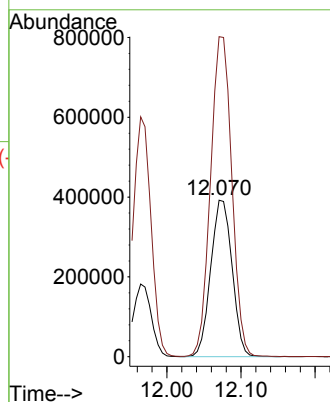
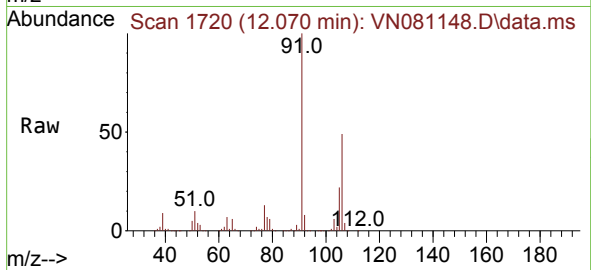
ClientSampleId :

Tgt Ion:106 Resp: 785040

Ion Ratio Lower Upper

106 100

91 203.8 169.0 253.6



#69

o-Xylene

Concen: 48.400 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN081148.D

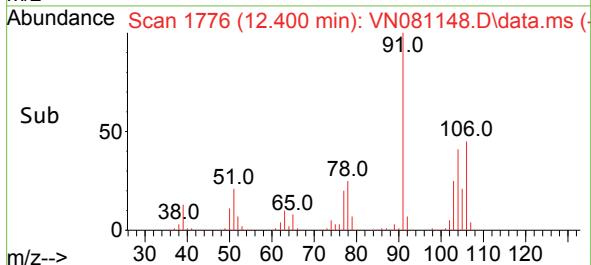
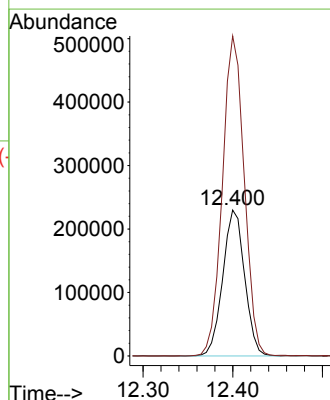
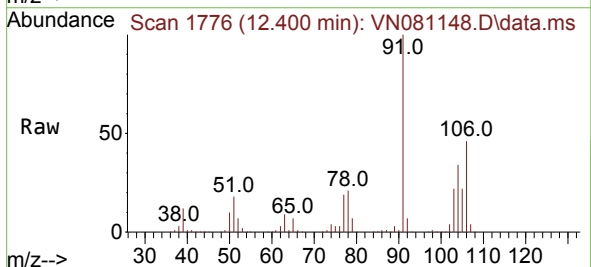
Acq: 22 Feb 2024 20:23

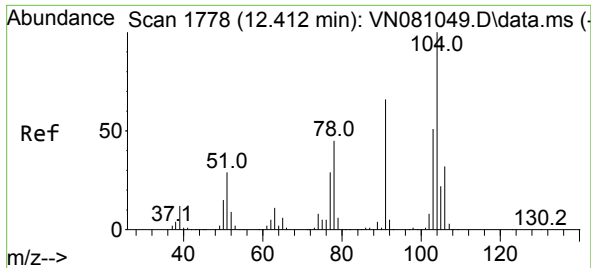
Tgt Ion:106 Resp: 388740

Ion Ratio Lower Upper

106 100

91 219.3 112.1 336.3

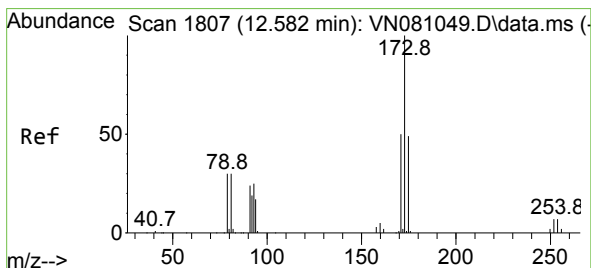
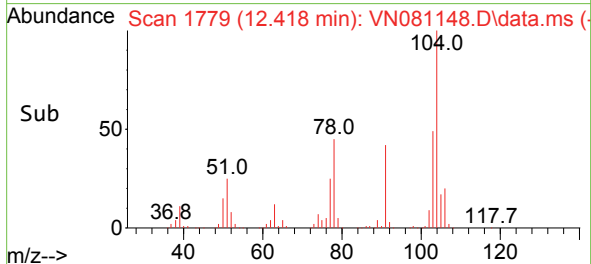
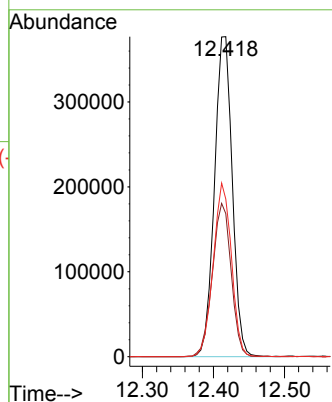
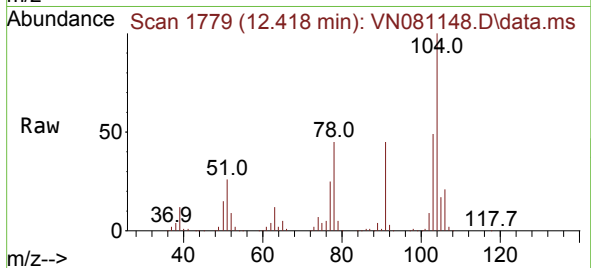




#70
Styrene
Concen: 51.456 ug/l
RT: 12.418 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

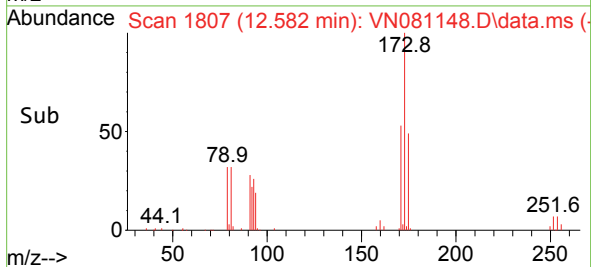
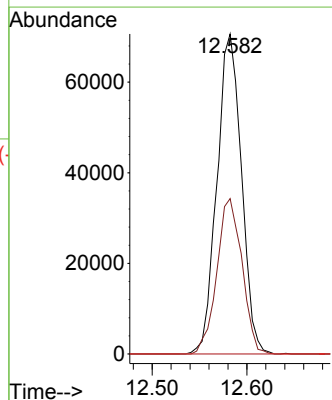
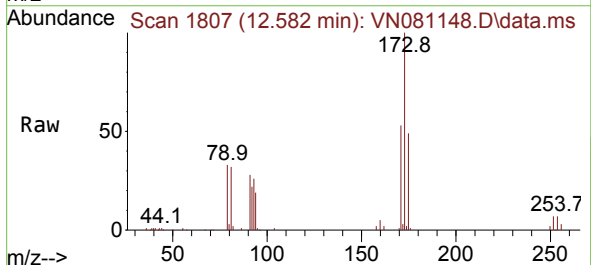
Instrument :
MSVOA_N
ClientSampleId :

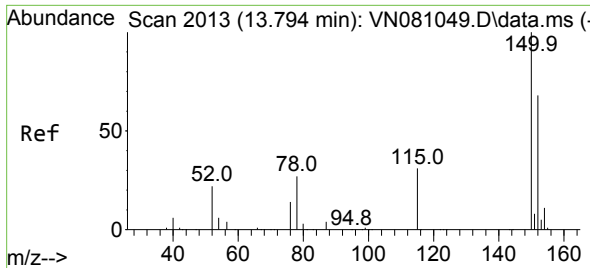
Tgt Ion:104 Resp: 654904
Ion Ratio Lower Upper
104 100
78 50.5 43.8 65.8
103 55.5 44.2 66.2



#71
Bromoform
Concen: 47.133 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

Tgt Ion:173 Resp: 126883
Ion Ratio Lower Upper
173 100
175 49.9 23.1 69.2
254 0.0 0.0 0.0

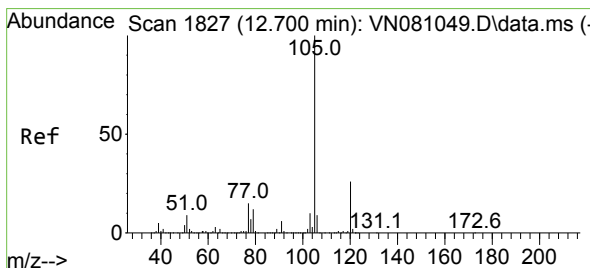
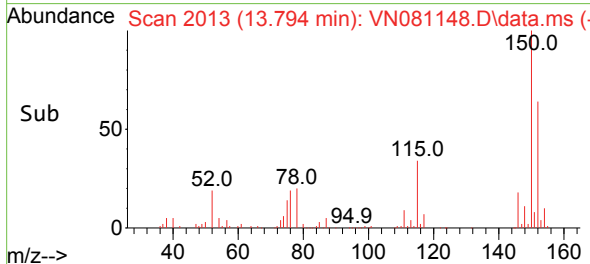
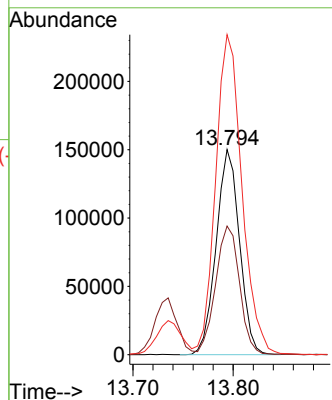
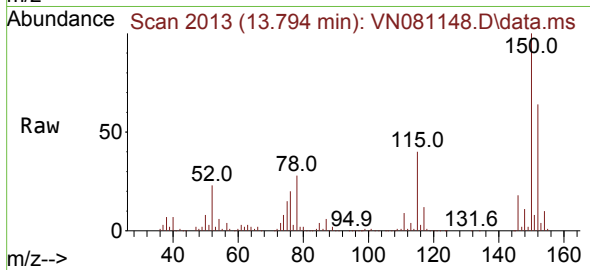




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN081148.D
 Acq: 22 Feb 2024 20:23

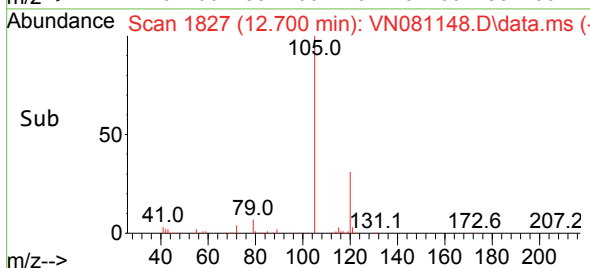
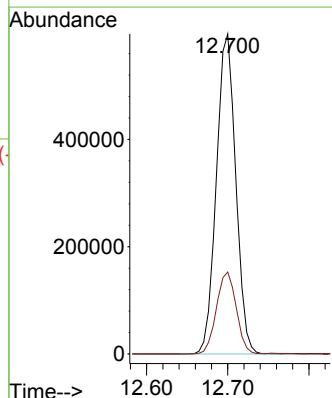
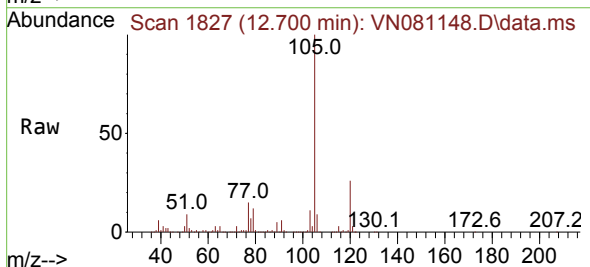
Instrument :
 MSVOA_N
 ClientSampleId :

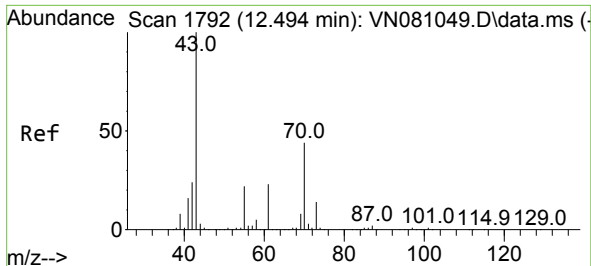
Tgt Ion:152 Resp: 243093
 Ion Ratio Lower Upper
 152 100
 115 63.5 32.3 96.8
 150 175.8 0.0 339.8



#73
 Isopropylbenzene
 Concen: 46.521 ug/l
 RT: 12.700 min Scan# 1827
 Delta R.T. -0.000 min
 Lab File: VN081148.D
 Acq: 22 Feb 2024 20:23

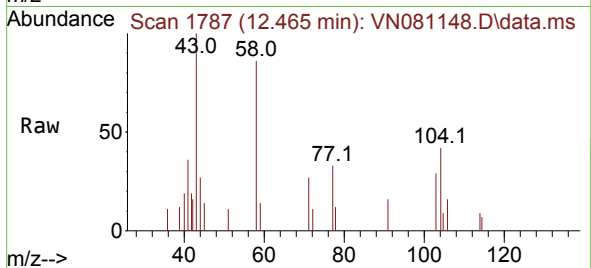
Tgt Ion:105 Resp: 989465
 Ion Ratio Lower Upper
 105 100
 120 26.1 12.6 37.6



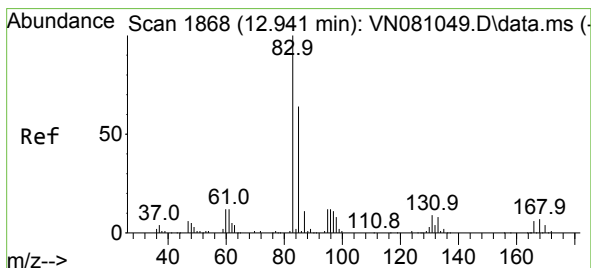
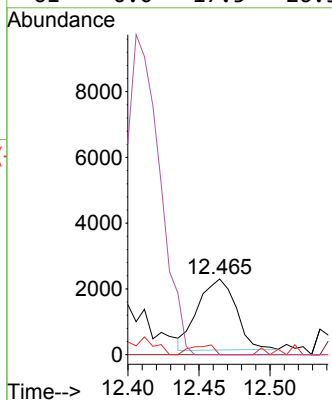
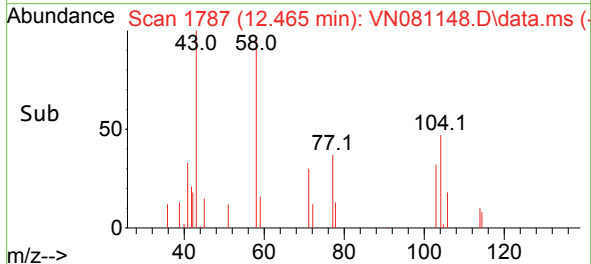


#74
N-amy1 acetate
Concen: 0.447 ug/l
RT: 12.465 min Scan# 1787
Delta R.T. -0.030 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

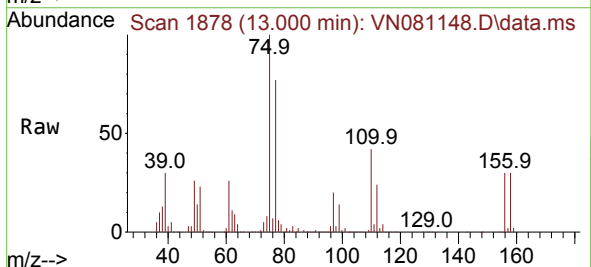
Instrument :
MSVOA_N
ClientSampleId :



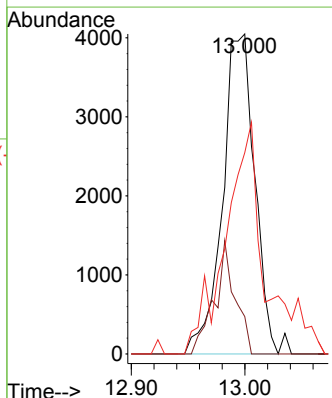
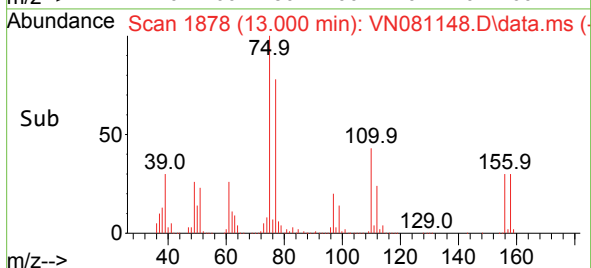
Tgt Ion: 43	Resp: 4022
Ion Ratio	Lower Upper
43 100	
70 0.0	30.1 45.1#
55 0.0	17.0 25.4#
61 0.0	17.5 26.3#

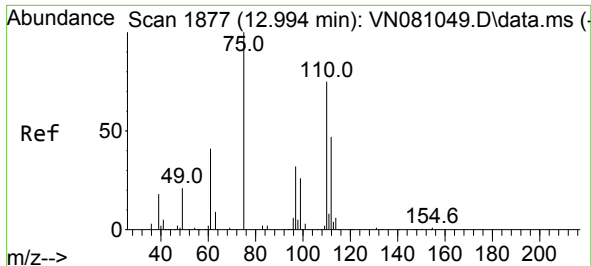


#75
1,1,2,2-Tetrachloroethane
Concen: 1.325 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. 0.059 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23



Tgt Ion: 83	Resp: 7927		
Ion Ratio	Lower	Upper	
83 100			
131 0.0	4.1	12.3#	
85 89.6	32.1	96.3	

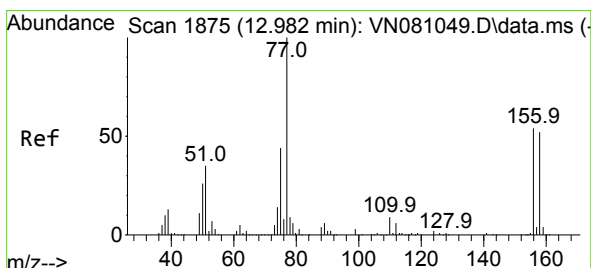
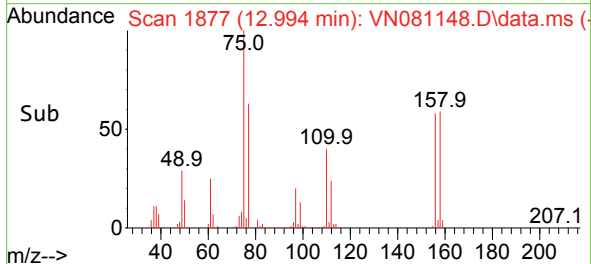
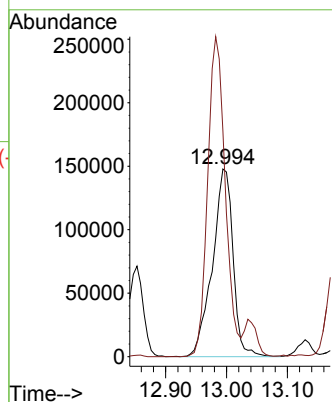
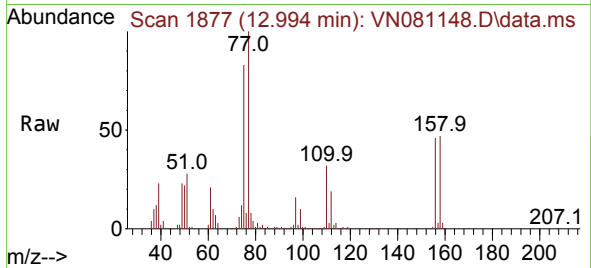




#76
1,2,3-Trichloropropane
Concen: 63.051 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

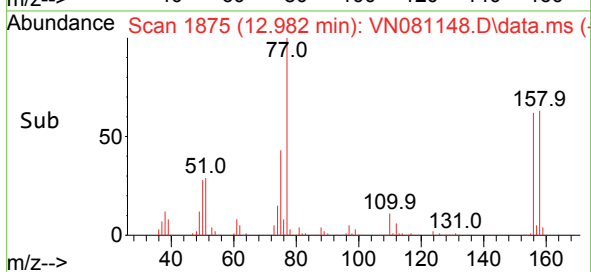
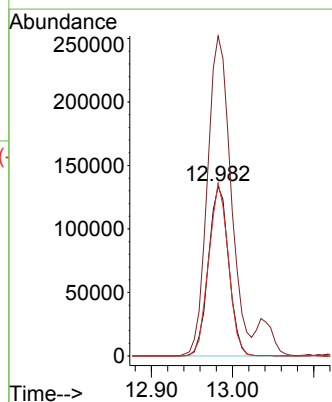
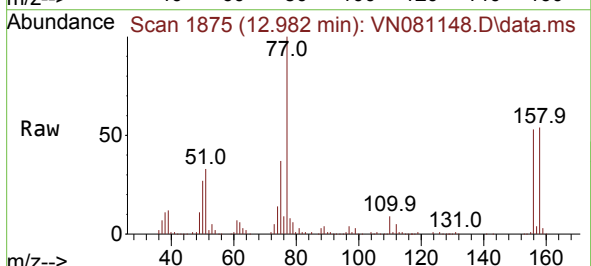
Instrument :
MSVOA_N
ClientSampleId :

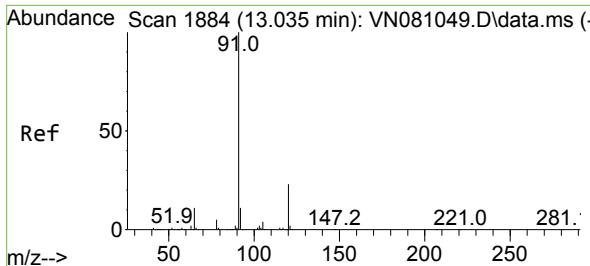
Tgt Ion: 75 Resp: 348246
Ion Ratio Lower Upper
75 100
77 145.3 91.0 272.8



#77
Bromobenzene
Concen: 48.906 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

Tgt Ion:156 Resp: 231930
Ion Ratio Lower Upper
156 100
77 218.2 138.1 414.3
158 98.9 46.5 139.5

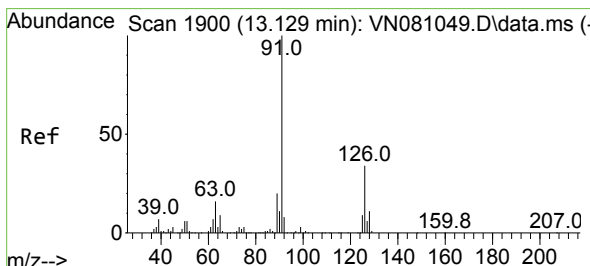
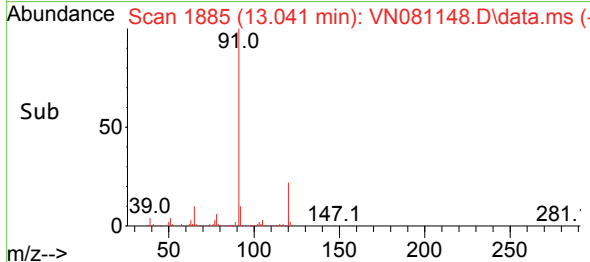
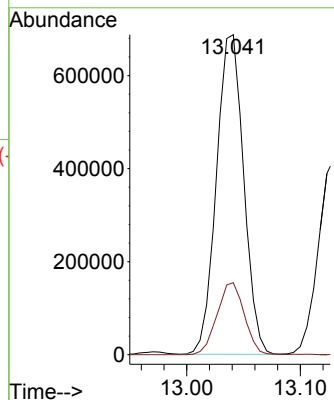
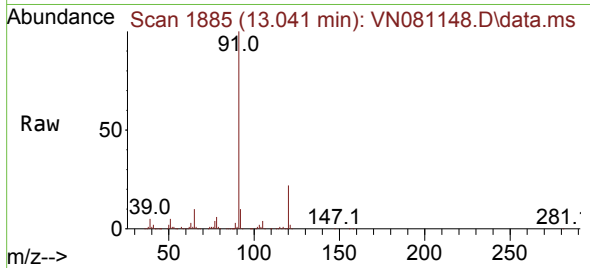




#78
n-propylbenzene
Concen: 46.809 ug/l
RT: 13.041 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

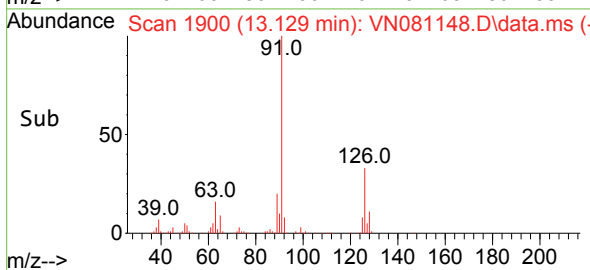
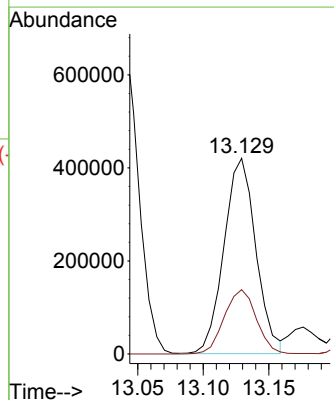
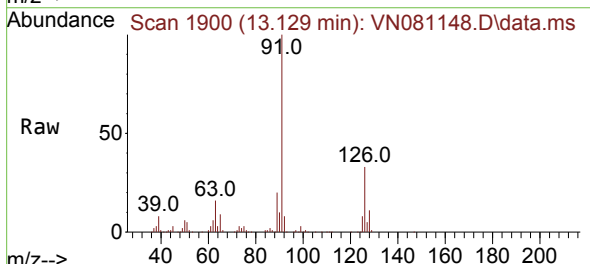
Instrument :
MSVOA_N
ClientSampleId :

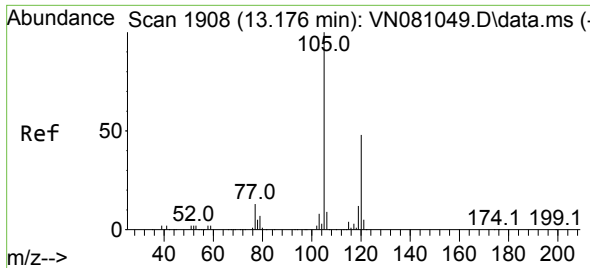
Tgt Ion: 91 Resp: 1146105
Ion Ratio Lower Upper
91 100
120 22.5 10.3 30.9



#79
2-Chlorotoluene
Concen: 47.369 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

Tgt Ion: 91 Resp: 711398
Ion Ratio Lower Upper
91 100
126 33.2 14.8 44.4

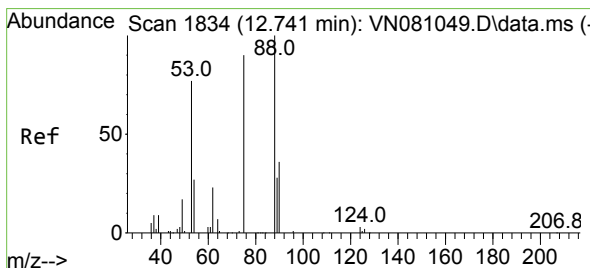
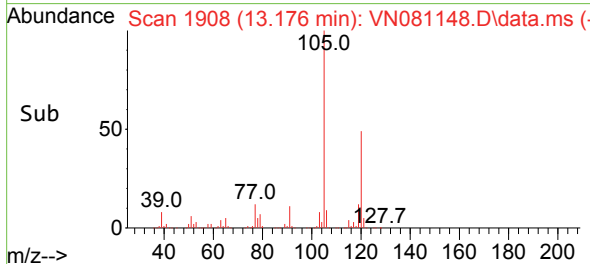
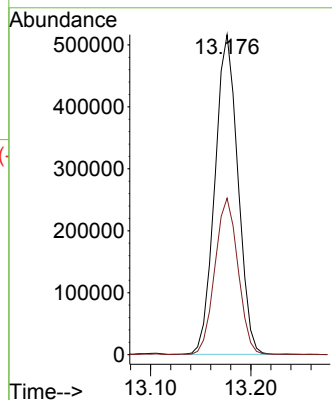
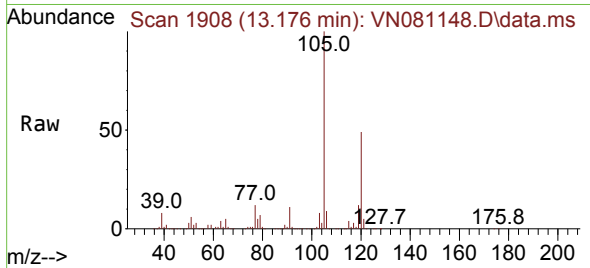




#80
 1,3,5-Trimethylbenzene
 Concen: 47.675 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VN081148.D
 Acq: 22 Feb 2024 20:23

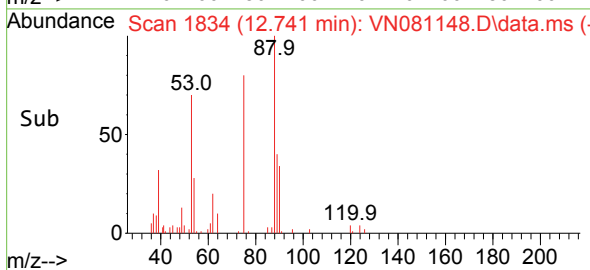
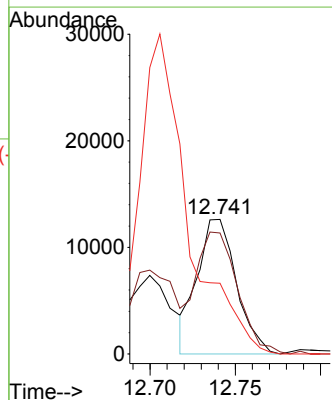
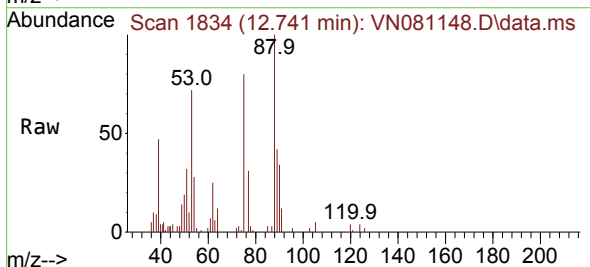
Instrument :
 MSVOA_N
 ClientSampleId :

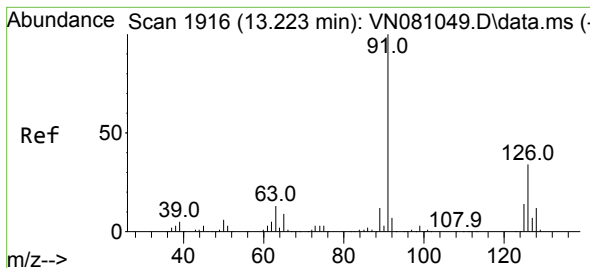
Tgt Ion:105 Resp: 822155
 Ion Ratio Lower Upper
 105 100
 120 49.2 23.0 69.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 9.426 ug/l
 RT: 12.741 min Scan# 1834
 Delta R.T. -0.000 min
 Lab File: VN081148.D
 Acq: 22 Feb 2024 20:23

Tgt Ion: 75 Resp: 20227
 Ion Ratio Lower Upper
 75 100
 53 97.0 71.4 107.2
 89 0.0 33.4 50.0#

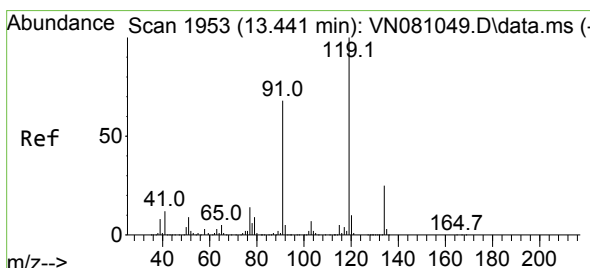
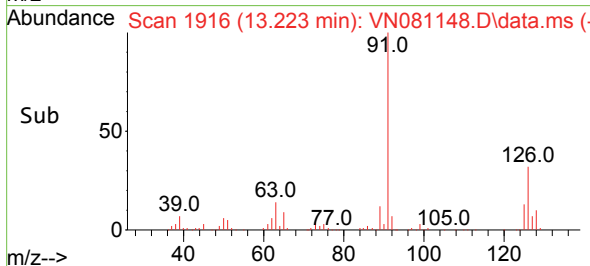
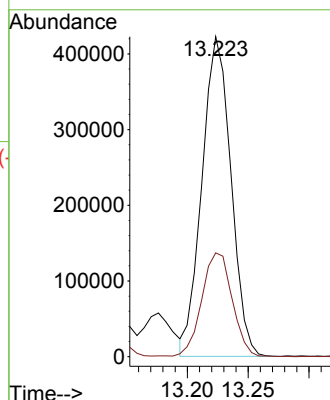
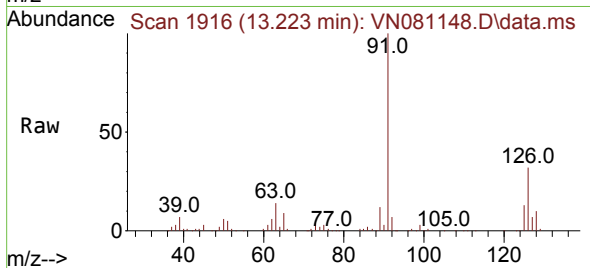




#82
4-Chlorotoluene
Concen: 47.629 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

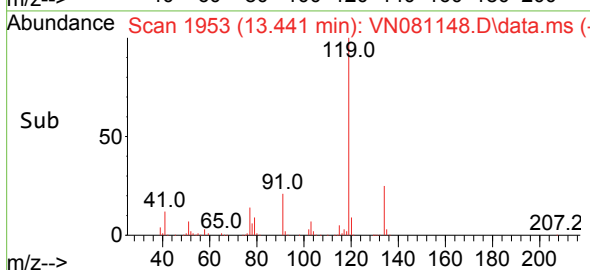
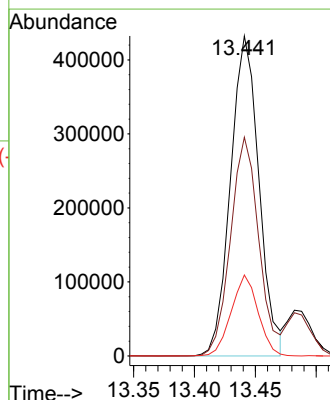
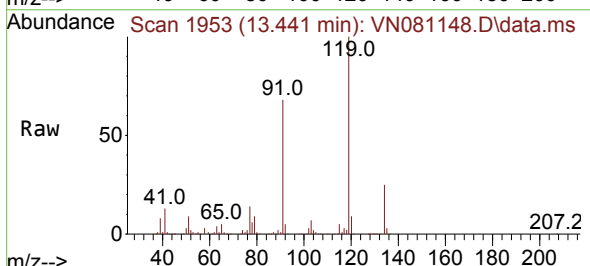
Instrument :
MSVOA_N
ClientSampleId :

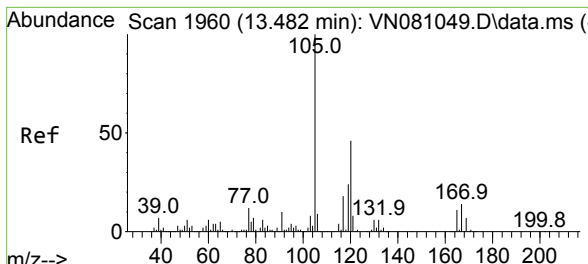
Tgt Ion: 91 Resp: 699409
Ion Ratio Lower Upper
91 100
126 34.2 15.3 45.9



#83
tert-Butylbenzene
Concen: 47.166 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

Tgt Ion: 119 Resp: 703296
Ion Ratio Lower Upper
119 100
91 68.1 36.8 110.4
134 23.9 12.4 37.4

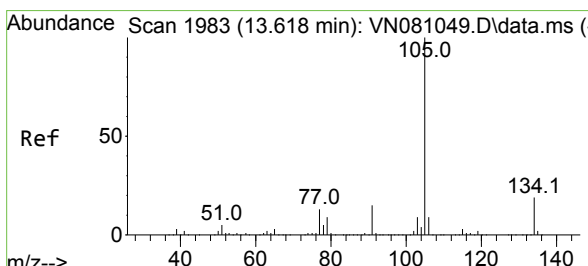
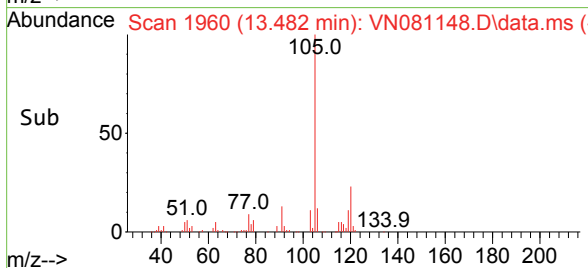
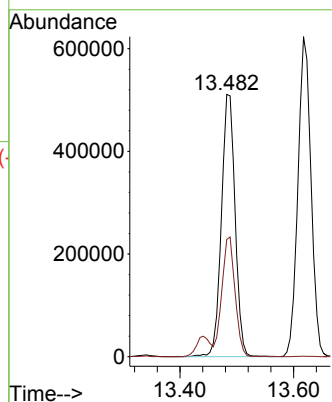
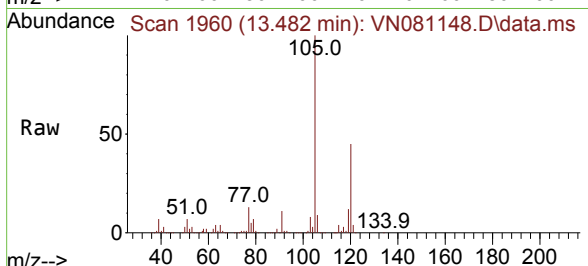




#84
1,2,4-Trimethylbenzene
Concen: 49.917 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

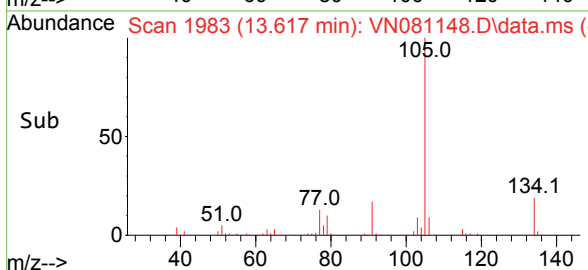
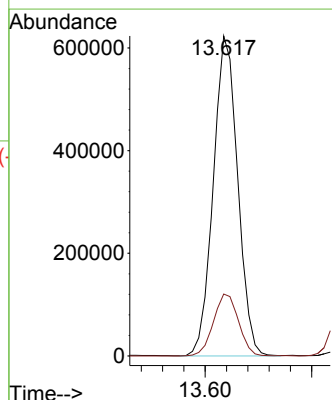
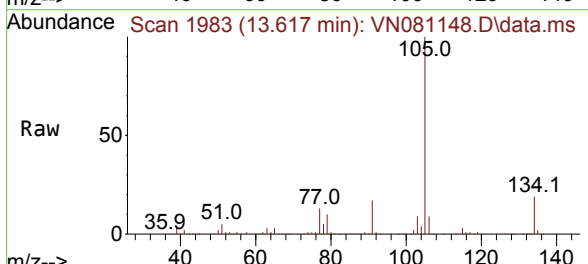
Instrument :
MSVOA_N
ClientSampleId :

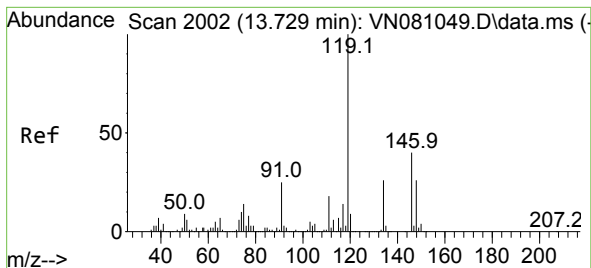
Tgt Ion:105 Resp: 857782
Ion Ratio Lower Upper
105 100
120 43.9 20.9 62.7



#85
sec-Butylbenzene
Concen: 47.857 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN081148.D
Acq: 22 Feb 2024 20:23

Tgt Ion:105 Resp: 992059
Ion Ratio Lower Upper
105 100
134 19.9 8.6 25.8





#86

p-Isopropyltoluene

Concen: 47.546 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN081148.D

Acq: 22 Feb 2024 20:23

Instrument :

MSVOA_N

ClientSampleId :

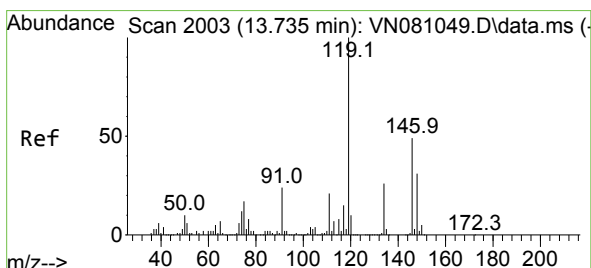
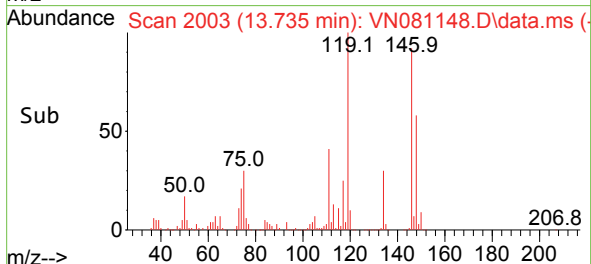
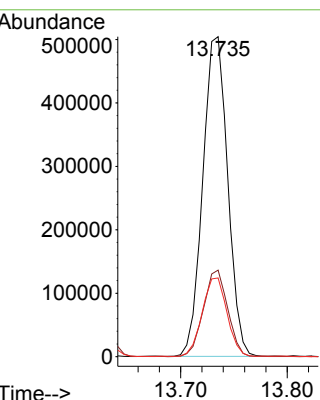
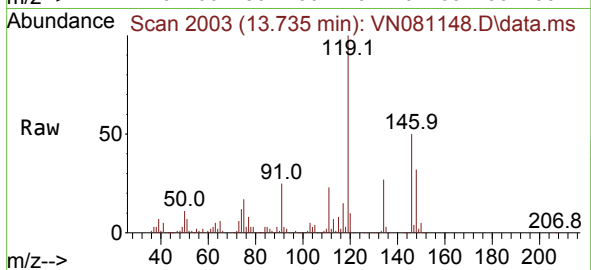
Tgt Ion:119 Resp: 818669

Ion Ratio Lower Upper

119 100

134 26.4 12.4 37.2

91 24.6 13.5 40.4



#87

1,3-Dichlorobenzene

Concen: 48.322 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN081148.D

Acq: 22 Feb 2024 20:23

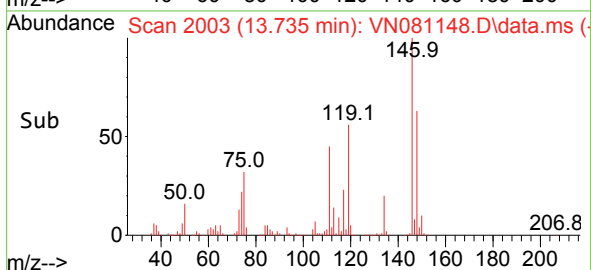
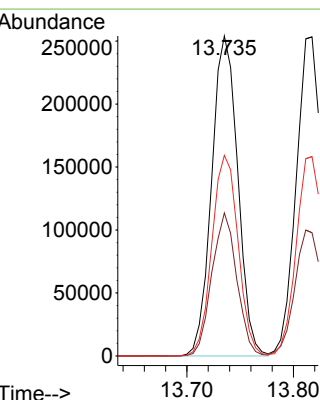
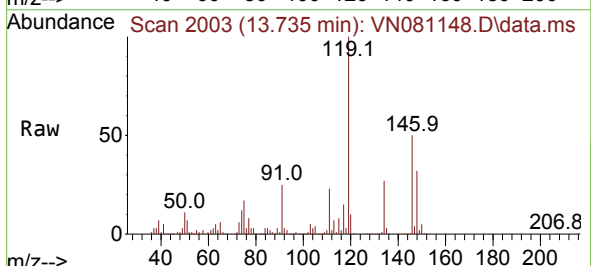
Tgt Ion:146 Resp: 432990

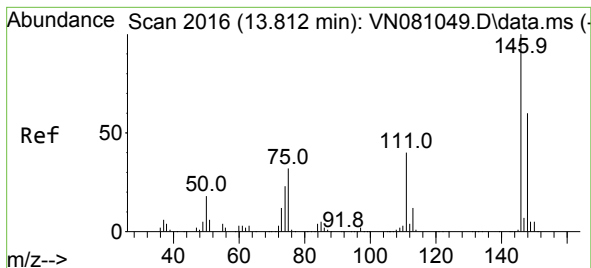
Ion Ratio Lower Upper

146 100

111 42.7 23.9 71.7

148 62.9 32.6 97.7





#88

1,4-Dichlorobenzene

Concen: 49.622 ug/l

RT: 13.817 min Scan# 2016

Delta R.T. 0.006 min

Lab File: VN081148.D

Acq: 22 Feb 2024 20:23

Instrument :

MSVOA_N

ClientSampleId :

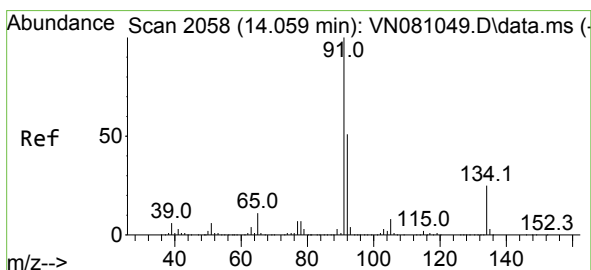
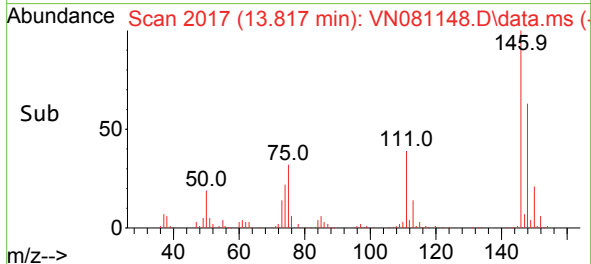
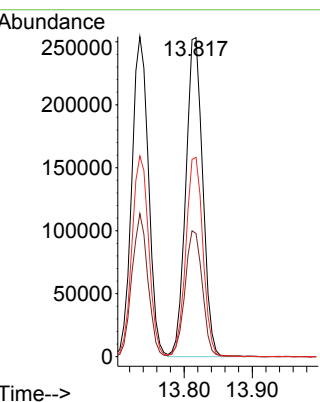
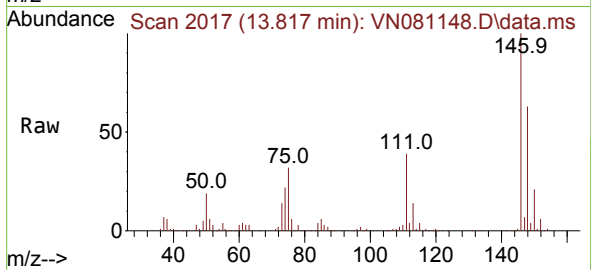
Tgt Ion:146 Resp: 436905

Ion Ratio Lower Upper

146 100

111 40.5 22.6 67.7

148 62.5 31.9 95.5



#89

n-Butylbenzene

Concen: 47.577 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN081148.D

Acq: 22 Feb 2024 20:23

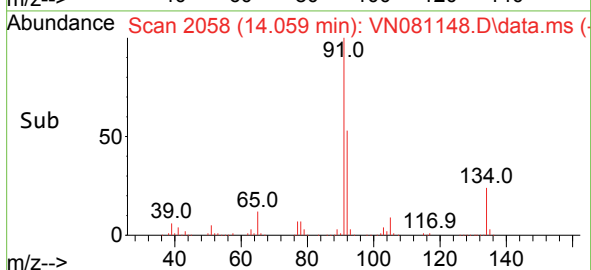
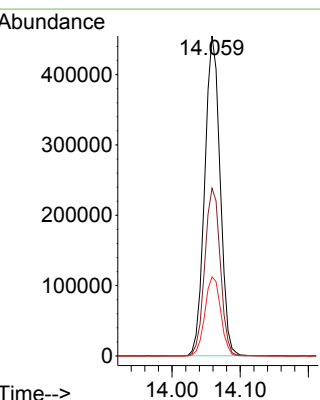
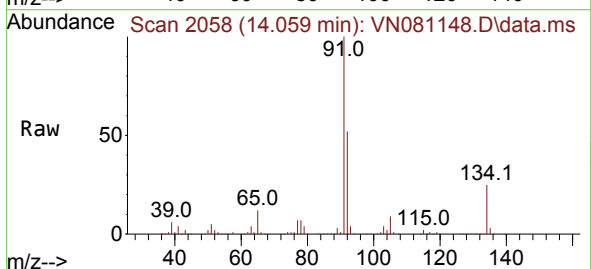
Tgt Ion: 91 Resp: 713685

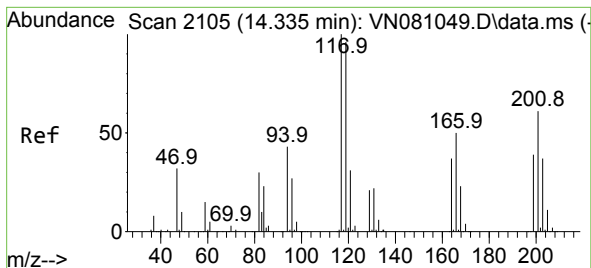
Ion Ratio Lower Upper

91 100

92 53.0 26.7 80.1

134 25.5 10.8 32.4





#90

Hexachloroethane

Concen: 45.483 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN081148.D

Acq: 22 Feb 2024 20:23

Instrument :

MSVOA_N

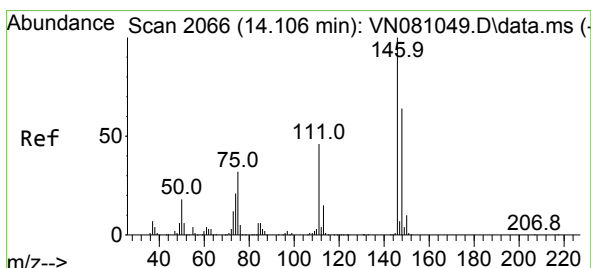
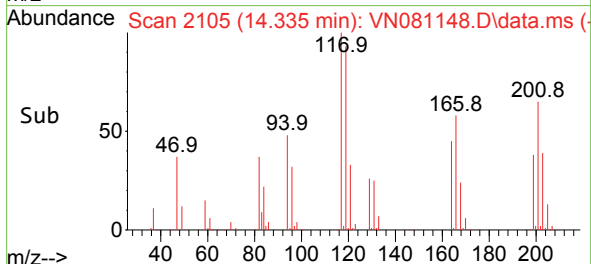
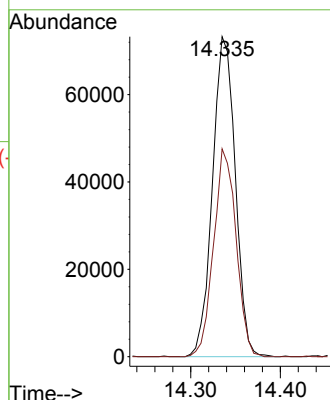
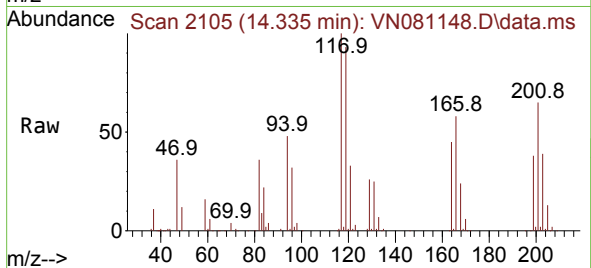
ClientSampleId :

Tgt Ion:117 Resp: 129448

Ion Ratio Lower Upper

117 100

201 64.0 30.0 90.0



#91

1,2-Dichlorobenzene

Concen: 49.634 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.006 min

Lab File: VN081148.D

Acq: 22 Feb 2024 20:23

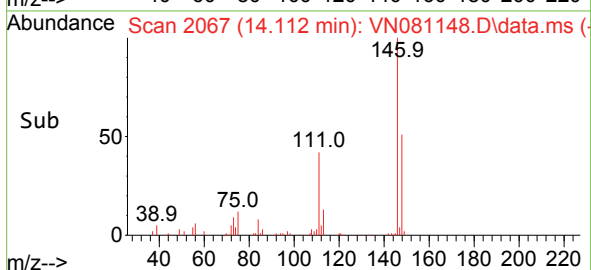
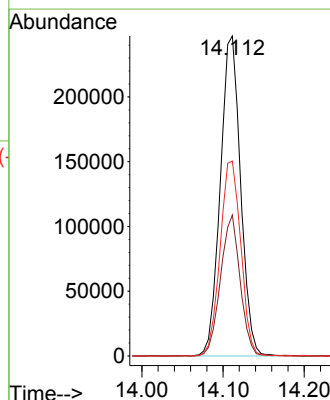
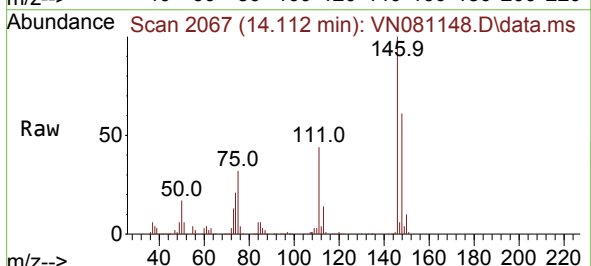
Tgt Ion:146 Resp: 428954

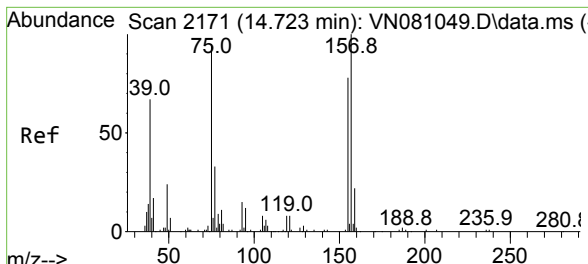
Ion Ratio Lower Upper

146 100

111 42.7 23.9 71.8

148 62.3 31.4 94.0

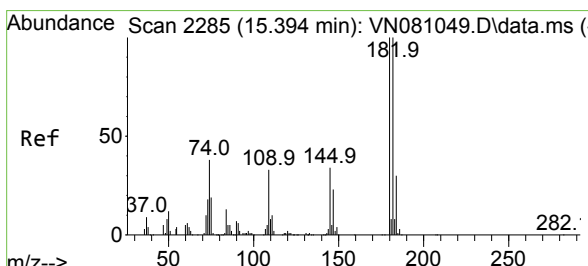
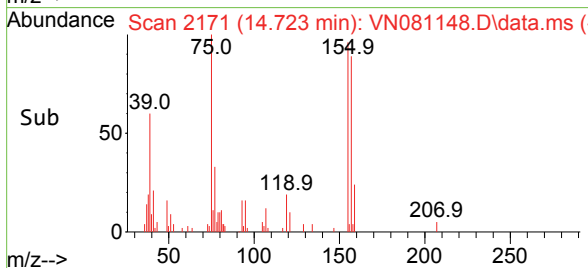
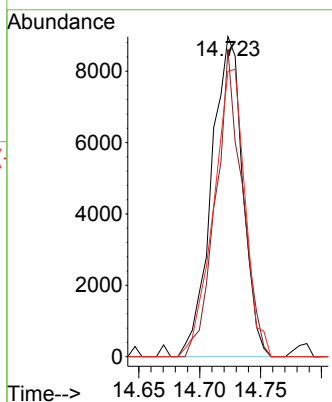
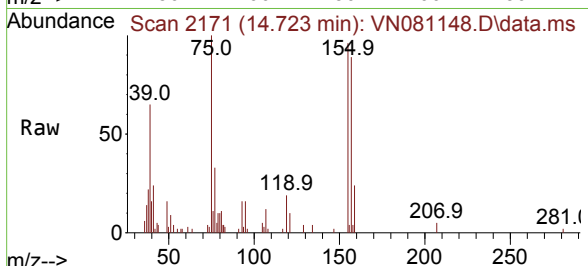




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 12.876 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. -0.000 min
 Lab File: VN081148.D
 Acq: 22 Feb 2024 20:23

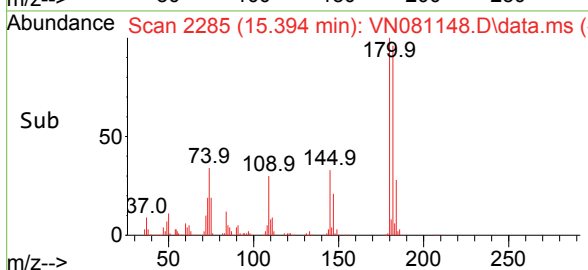
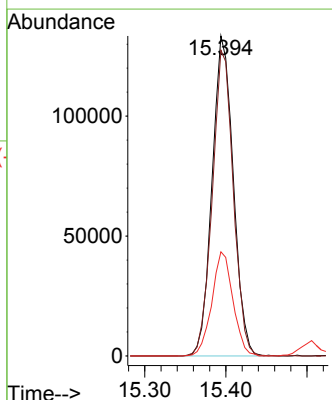
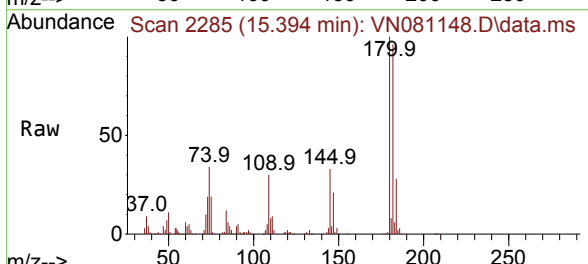
Instrument :
 MSVOA_N
 ClientSampleId :

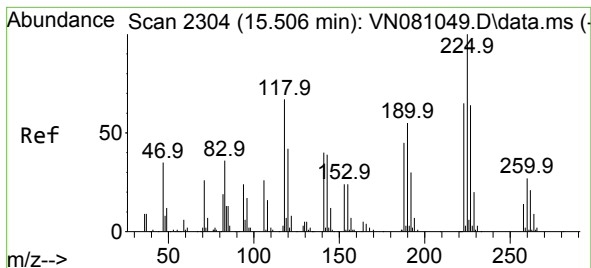
Tgt Ion:	75	Resp:	16011
Ion Ratio	Lower	Upper	
75	100		
155	80.7	31.8	95.4
157	90.6	41.1	123.4



#93
 1,2,4-Trichlorobenzene
 Concen: 50.169 ug/l
 RT: 15.394 min Scan# 2285
 Delta R.T. -0.000 min
 Lab File: VN081148.D
 Acq: 22 Feb 2024 20:23

Tgt Ion:	180	Resp:	241886
Ion Ratio	Lower	Upper	
180	100		
182	94.6	46.6	139.7
145	32.4	16.8	50.3





#94

Hexachlorobutadiene

Concen: 43.922 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN081148.D

Acq: 22 Feb 2024 20:23

Instrument :

MSVOA_N

ClientSampleId :

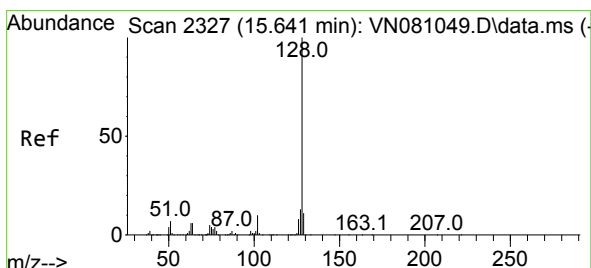
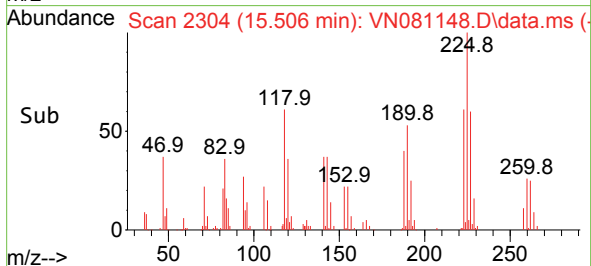
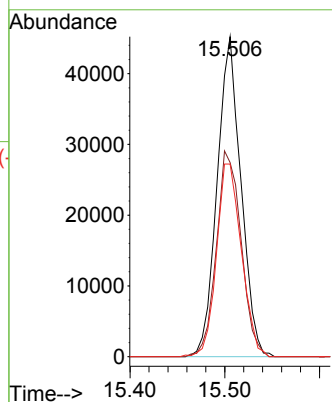
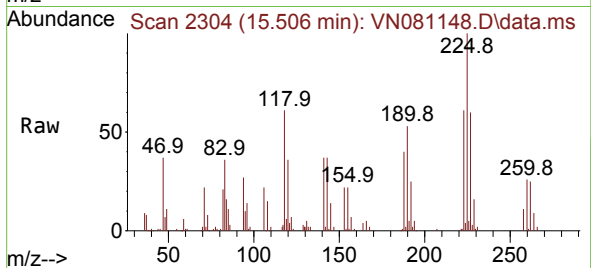
Tgt Ion:225 Resp: 78979

Ion Ratio Lower Upper

225 100

223 66.8 33.3 99.8

227 63.1 33.1 99.2



#95

Naphthalene

Concen: 55.774 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN081148.D

Acq: 22 Feb 2024 20:23

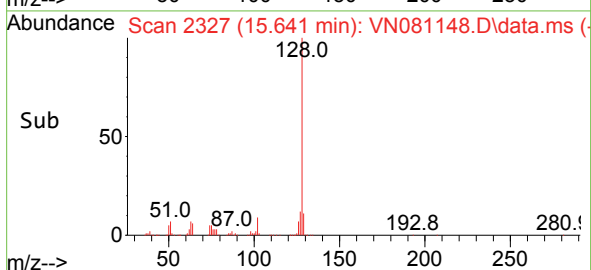
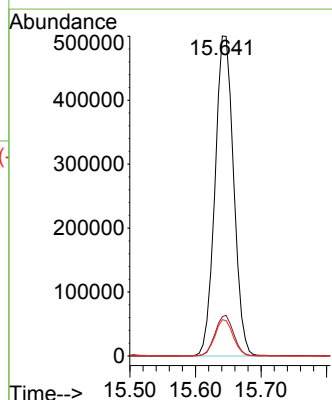
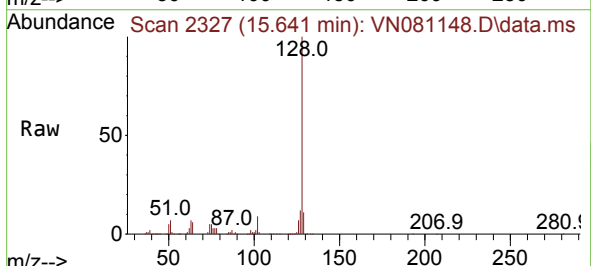
Tgt Ion:128 Resp: 985431

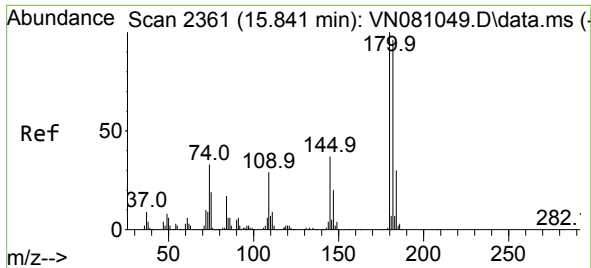
Ion Ratio Lower Upper

128 100

127 12.6 10.0 15.0

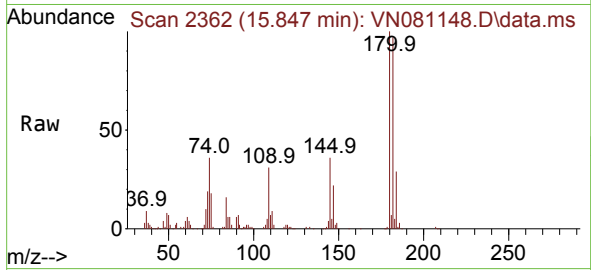
129 11.2 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 52.385 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN081148.D
 Acq: 22 Feb 2024 20:23

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	46.5	139.3
145	36.0	17.8	53.4

