

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021424\
 Data File : VN081023.D
 Acq On : 14 Feb 2024 13:49
 Operator : JC\MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 15 07:55:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 07:55:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	611937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	1090249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	912774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	323954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	10378	1.379	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	2.760%#
35) Dibromofluoromethane	8.165	113	7399	1.184	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	2.360%#
50) Toluene-d8	10.565	98	28898	1.311	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	2.620%#
62) 4-Bromofluorobenzene	12.853	95	9624	1.284	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	2.560%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	7326	0.933	ug/l	87
3) Chloromethane	2.359	50	17208	1.584	ug/l	100
4) Vinyl Chloride	2.518	62	8676	1.053	ug/l	94
5) Bromomethane	2.965	94	5863	1.410	ug/l #	79
6) Chloroethane	3.124	64	8803	1.661	ug/l	94
7) Trichlorofluoromethane	3.489	101	12620	1.088	ug/l #	74
8) Diethyl Ether	3.971	74	4729	1.028	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.359	101	7159	1.046	ug/l #	75
10) Methyl Iodide	4.583	142	7745	1.114	ug/l #	87
11) Tert butyl alcohol	5.506	59	7438	5.509	ug/l #	86
12) 1,1-Dichloroethene	4.347	96	5966	0.895	ug/l #	73
13) Acrolein	4.177	56	13984	4.982	ug/l	99
14) Allyl chloride	5.024	41	12832	1.181	ug/l #	87
15) Acrylonitrile	5.718	53	18270	5.284	ug/l	97
16) Acetone	4.436	43	18673	6.337	ug/l #	88
17) Carbon Disulfide	4.718	76	22628	1.171	ug/l #	88
18) Methyl Acetate	5.024	43	8763	1.129	ug/l #	84
19) Methyl tert-butyl Ether	5.794	73	22895	0.984	ug/l #	90
20) Methylene Chloride	5.265	84	8413	1.096	ug/l #	77
21) trans-1,2-Dichloroethene	5.783	96	7726	1.054	ug/l #	77
22) Diisopropyl ether	6.671	45	23617	0.994	ug/l #	94
23) Vinyl Acetate	6.600	43	91275	4.767	ug/l #	95
24) 1,1-Dichloroethane	6.565	63	12653	0.955	ug/l #	87
25) 2-Butanone	7.494	43	26749	5.592	ug/l	100
26) 2,2-Dichloropropane	7.500	77	12086	0.991	ug/l	78
27) cis-1,2-Dichloroethene	7.483	96	9057	1.069	ug/l	88
28) Bromochloromethane	7.812	49	5654	1.057	ug/l #	79
29) Tetrahydrofuran	7.841	42	15017	4.885	ug/l #	86
30) Chloroform	7.965	83	14726	1.036	ug/l	96
31) Cyclohexane	8.230	56	27059	2.069	ug/l #	29
32) 1,1,1-Trichloroethane	8.171	97	12977	1.034	ug/l #	43
36) 1,1-Dichloropropene	8.371	75	10051	0.964	ug/l #	90
37) Ethyl Acetate	7.565	43	9488	0.994	ug/l #	80
38) Carbon Tetrachloride	8.365	117	6100	0.799	ug/l	96
39) Methylcyclohexane	9.606	83	12657	0.986	ug/l #	87
40) Benzene	8.606	78	31374	1.017	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	6729	1.162	ug/l #	88
42) 1,2-Dichloroethane	8.665	62	11819	1.080	ug/l	99
43) Isopropyl Acetate	8.688	43	19206	1.074	ug/l	96
44) Trichloroethene	9.353	130	10034	1.098	ug/l	92
45) 1,2-Dichloropropane	9.618	63	7270	0.953	ug/l	90
46) Dibromomethane	9.706	93	5568	1.034	ug/l	94
47) Bromodichloromethane	9.894	83	9948	0.943	ug/l	95
48) Methyl methacrylate	9.682	41	9386	1.115	ug/l	90
49) 1,4-Dioxane	9.694	88	7684	37.100	ug/l	89
51) 4-Methyl-2-Pentanone	10.441	43	49281	4.944	ug/l	97
52) Toluene	10.635	92	19043	0.988	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	11539	0.928	ug/l #	79
54) cis-1,3-Dichloropropene	10.312	75	13341	1.014	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	6803	0.939	ug/l #	80
56) Ethyl methacrylate	10.876	69	11599	0.978	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	13010	1.005	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	29994	5.096	ug/l #	82
59) 2-Hexanone	11.194	43	36160	4.939	ug/l	99
60) Dibromochloromethane	11.365	129	6469	0.939	ug/l	92
61) 1,2-Dibromoethane	11.465	107	7695	1.010	ug/l	98
64) Tetrachloroethene	11.106	164	9245	0.994	ug/l	91
65) Chlorobenzene	11.894	112	19296	1.008	ug/l #	86
66) 1,1,1,2-Tetrachloroethane	11.959	131	6491	0.985	ug/l #	64
67) Ethyl Benzene	11.965	91	35028	0.971	ug/l	94
68) m/p-Xylenes	12.070	106	24831	1.866	ug/l	99
69) o-Xylene	12.400	106	12388	0.960	ug/l	100
70) Styrene	12.412	104	19809	0.963	ug/l	98
71) Bromoform	12.576	173	2759	0.823	ug/l #	93
73) Isopropylbenzene	12.700	105	33354	1.019	ug/l	98
74) N-amyl acetate	12.494	43	16596	1.102	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	8357	1.040	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	11528	1.610	ug/l	61
77) Bromobenzene	12.982	156	6988	1.054	ug/l	72
78) n-propylbenzene	13.035	91	35937	0.962	ug/l	95
79) 2-Chlorotoluene	13.123	91	21945	1.017	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	24859	0.979	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.729	75	3525	1.146	ug/l	90
82) 4-Chlorotoluene	13.223	91	20803	0.998	ug/l	94
83) tert-Butylbenzene	13.441	119	22037	1.013	ug/l	89
84) 1,2,4-Trimethylbenzene	13.482	105	23814	0.973	ug/l	97
85) sec-Butylbenzene	13.617	105	26927	0.903	ug/l	92
86) p-Isopropyltoluene	13.729	119	21843	0.910	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	11129	0.987	ug/l	89
88) 1,4-Dichlorobenzene	13.735	146	11129	0.955	ug/l	87
89) n-Butylbenzene	14.059	91	24079	1.096	ug/l	93
90) Hexachloroethane	14.353	117	1437	2.002	ug/l #	21
91) 1,2-Dichlorobenzene	14.106	146	11169	1.022	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	2562	1.345	ug/l	84
93) 1,2,4-Trichlorobenzene	15.394	180	6843	1.045	ug/l	93
94) Hexachlorobutadiene	15.506	225	2989	1.104	ug/l	91
95) Naphthalene	15.647	128	24966	1.072	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	6506	1.014	ug/l	98

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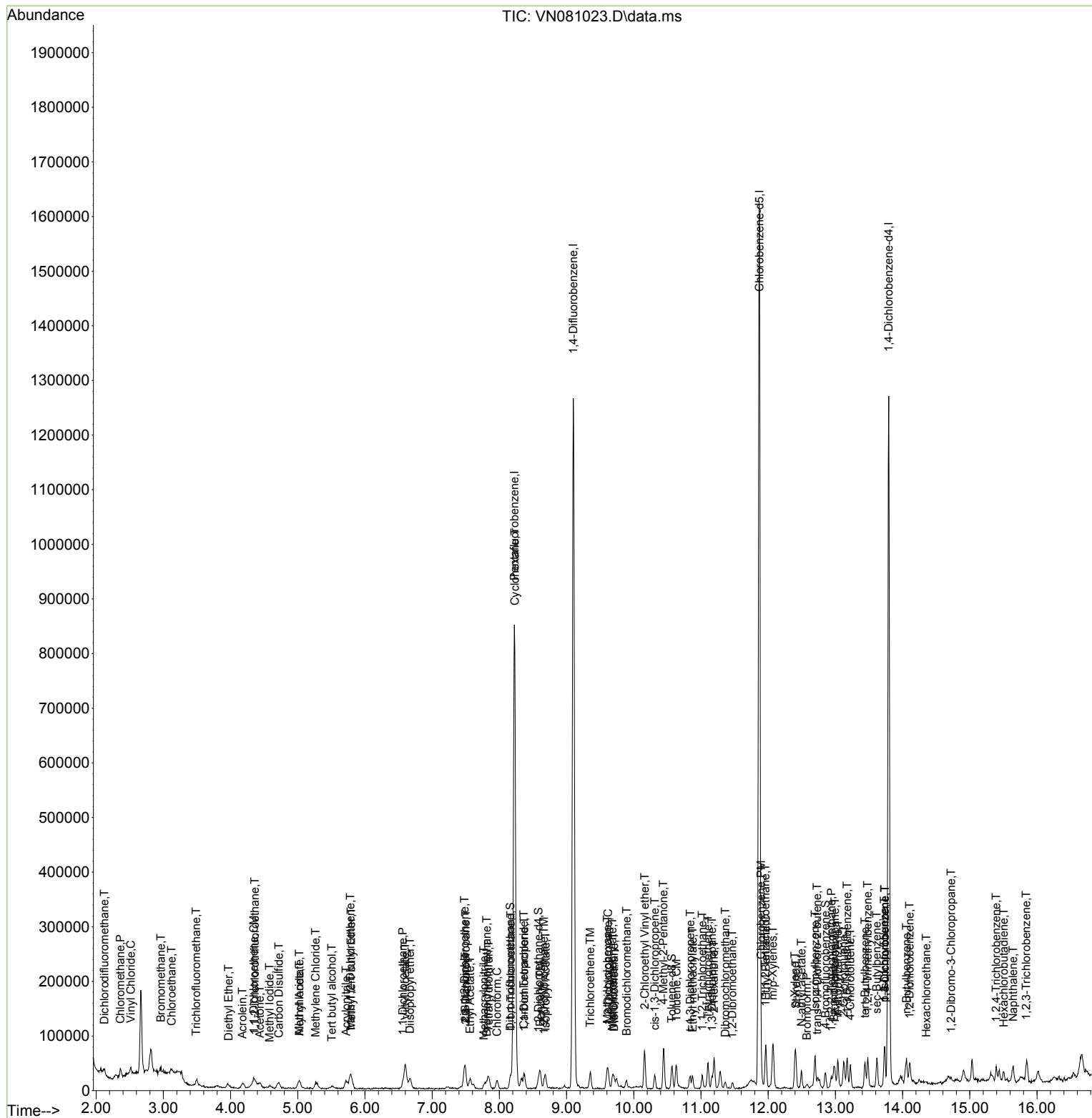
Quant Time: Feb 15 07:55:36 2024
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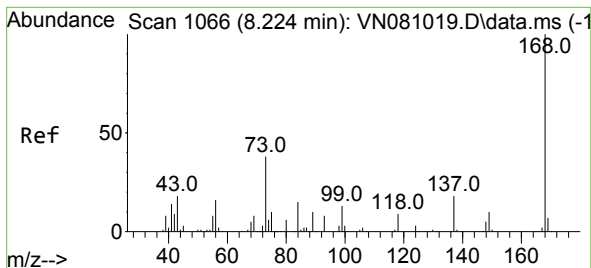
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

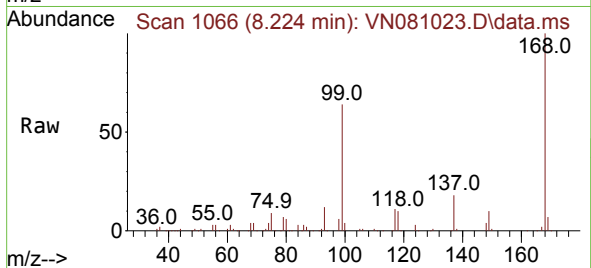
Lab File: VN081023.D

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MSVOA_N

ClientSampleId :

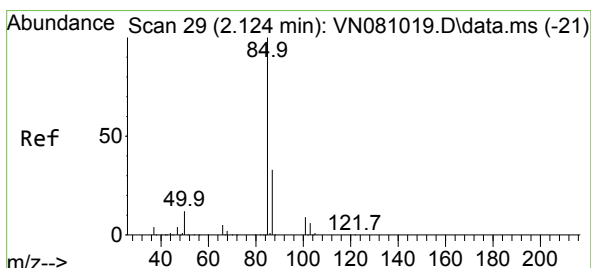
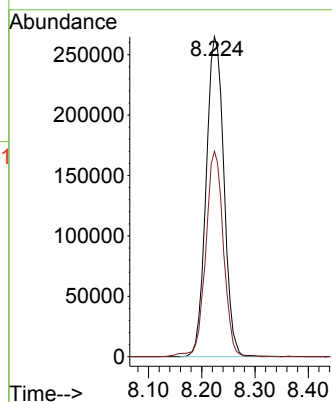
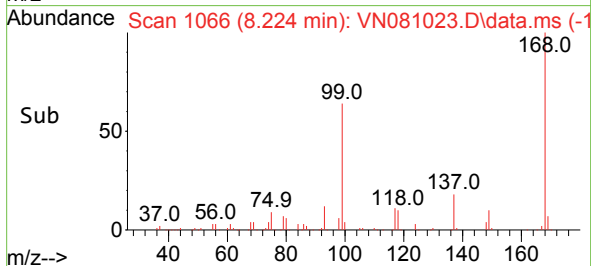


Tgt Ion:168 Resp: 611937

Ion Ratio Lower Upper

168 100

99 64.2 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 0.933 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN081023.D

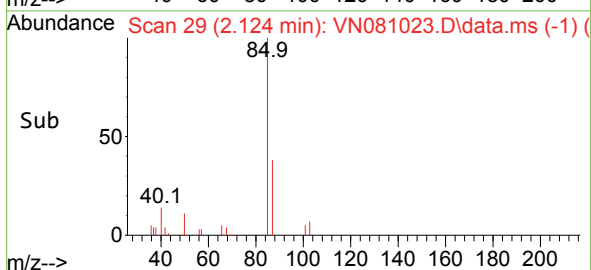
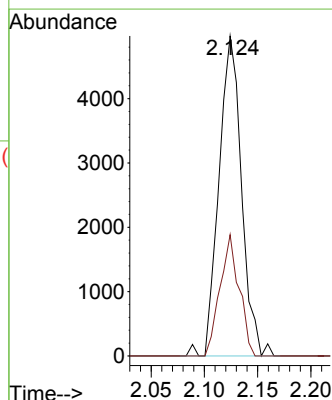
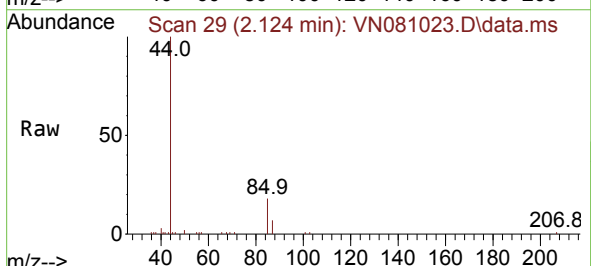
Acq: 14 Feb 2024 13:49

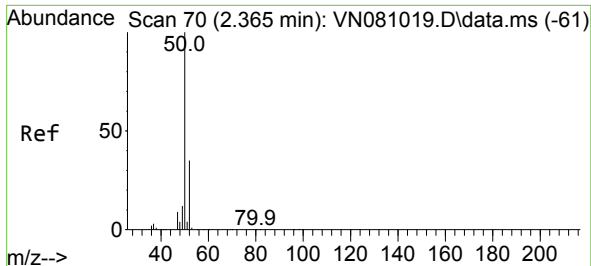
Tgt Ion: 85 Resp: 7326

Ion Ratio Lower Upper

85 100

87 37.9 15.3 45.9

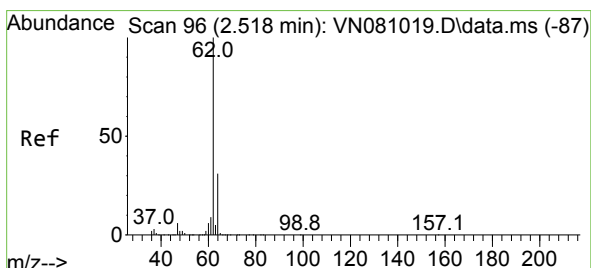
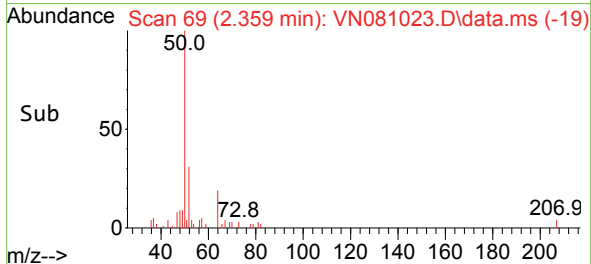
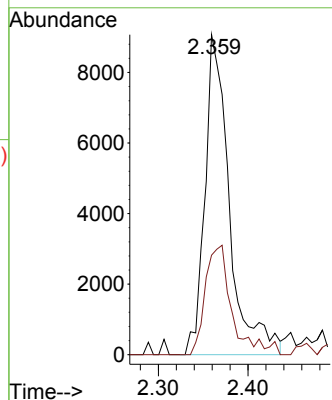
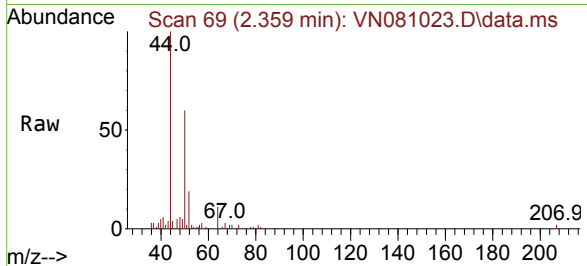




#3
Chloromethane
Concen: 1.584 ug/l
RT: 2.359 min Scan# 61
Delta R.T. -0.006 min
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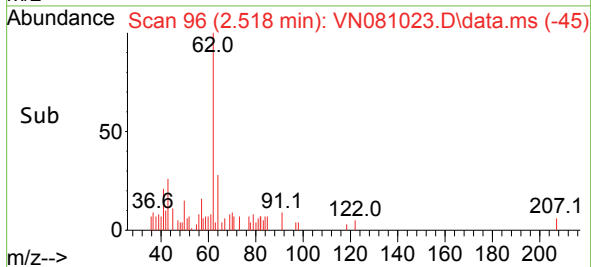
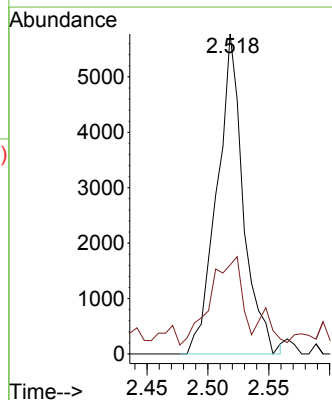
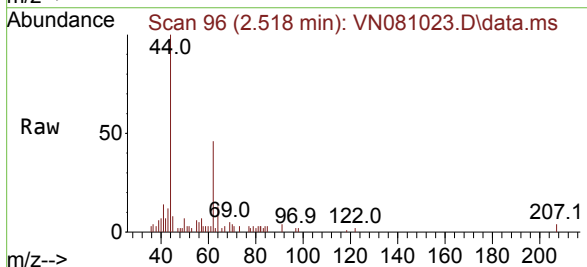
Instrument :
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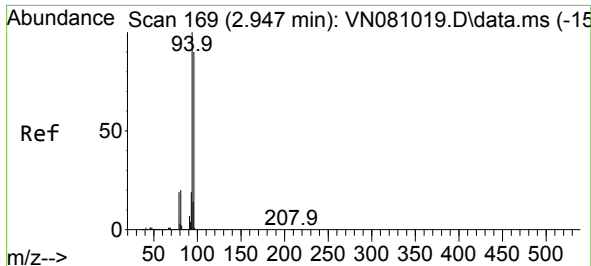
Tgt Ion: 50 Resp: 17208
Ion Ratio Lower Upper
50 100
52 31.1 25.0 37.4



#4
Vinyl Chloride
Concen: 1.053 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Tgt Ion: 62 Resp: 8676
Ion Ratio Lower Upper
62 100
64 25.0 22.7 34.1

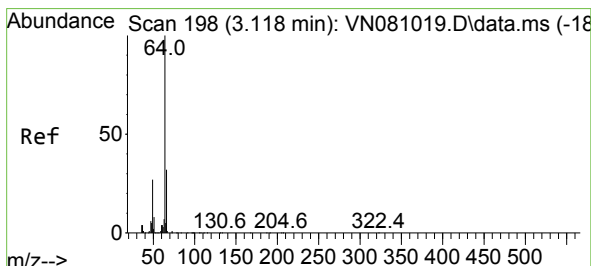
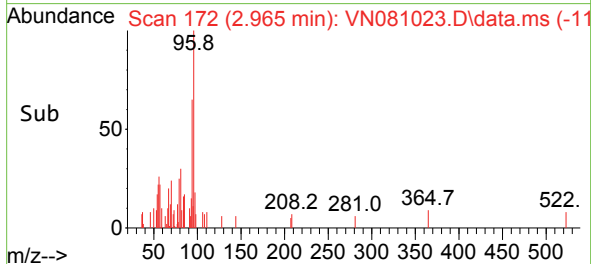
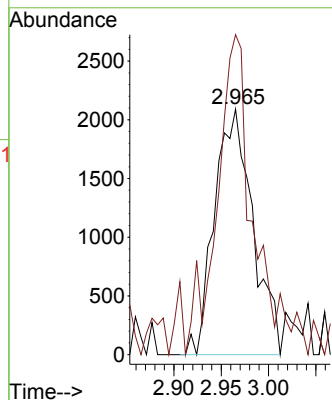
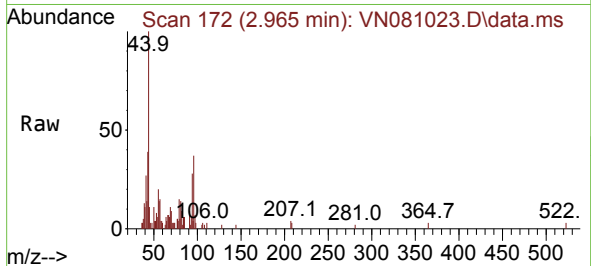




#5
Bromomethane
Concen: 1.410 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

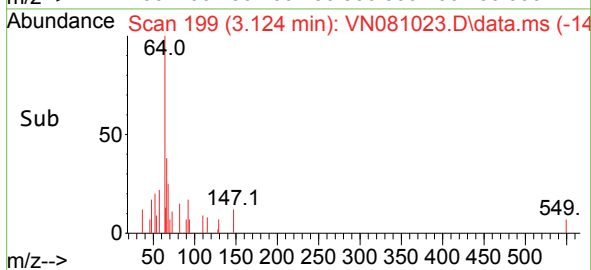
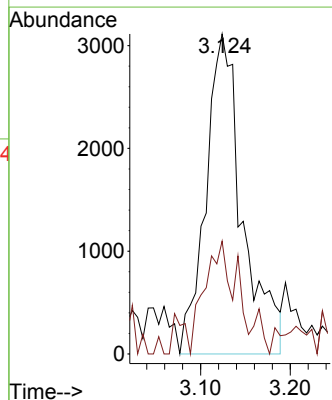
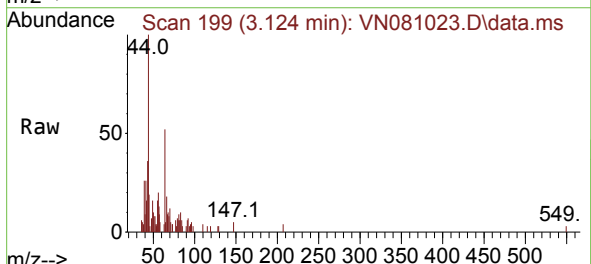
Instrument :
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ClientSampleId :

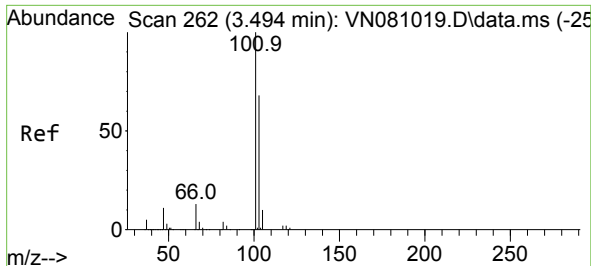
Tgt Ion: 94 Resp: 5863
Ion Ratio Lower Upper
94 100
96 105.4 69.2 103.8#



#6
Chloroethane
Concen: 1.661 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Tgt Ion: 64 Resp: 8803
Ion Ratio Lower Upper
64 100
66 29.5 26.4 39.6

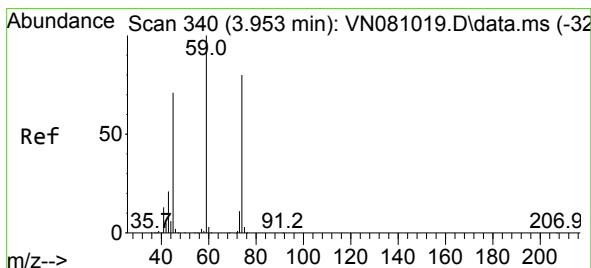
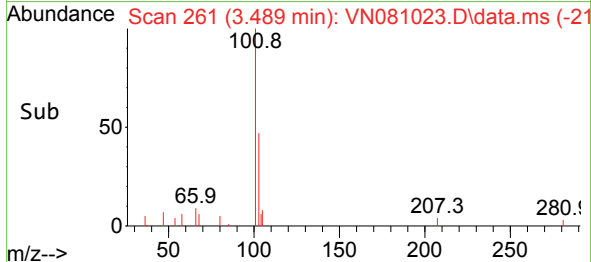
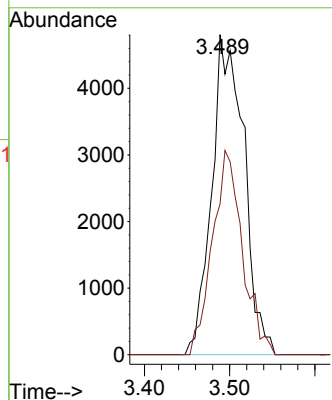
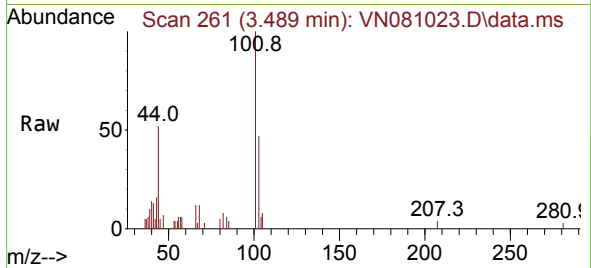




#7
Trichlorofluoromethane
Concen: 1.088 ug/l
RT: 3.489 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN081023.D
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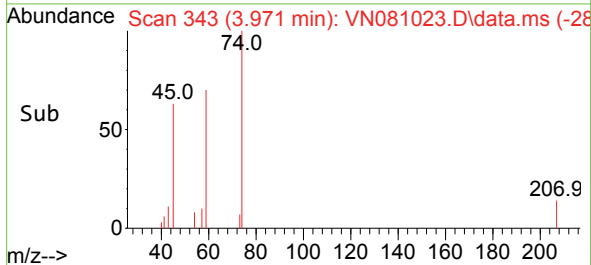
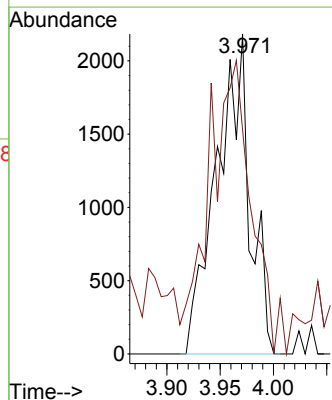
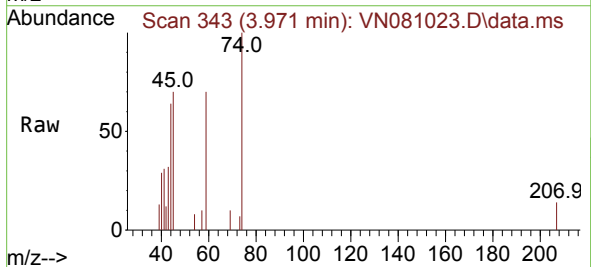
Instrument :
MSVOA_N
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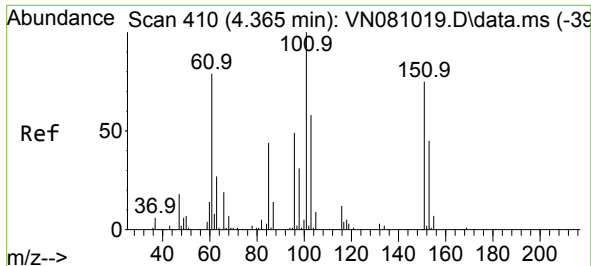
Tgt Ion:101 Resp: 12620
Ion Ratio Lower Upper
101 100
103 47.1 54.4 81.6#



#8
Diethyl Ether
Concen: 1.028 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.018 min
Lab File: VN081023.D
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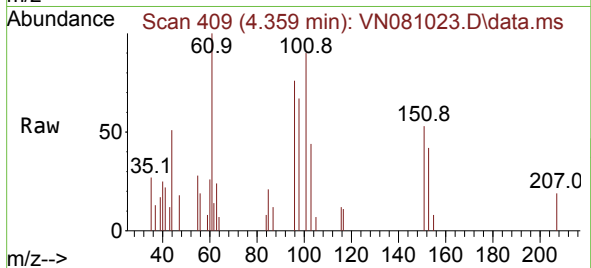
Tgt Ion: 74 Resp: 4729
Ion Ratio Lower Upper
74 100
45 117.2 53.3 159.9



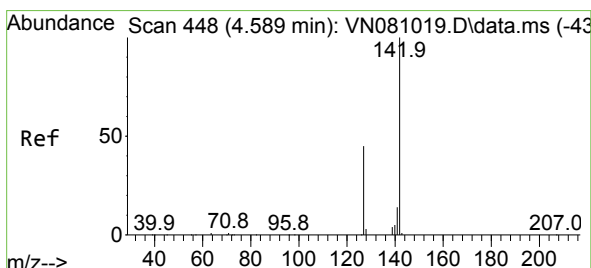
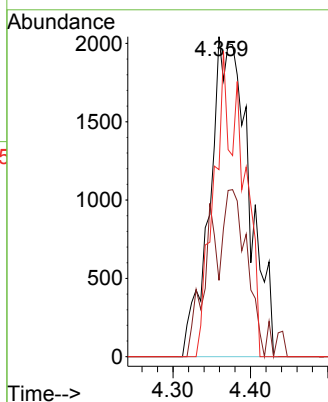
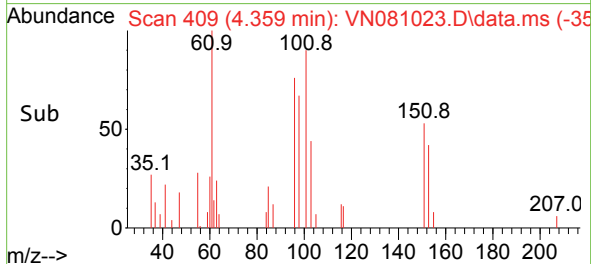


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.046 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.006 min
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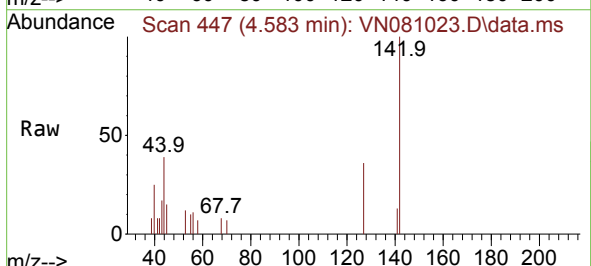
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MSVOA_N
ClientSampleId :



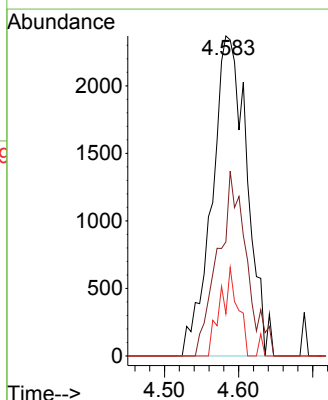
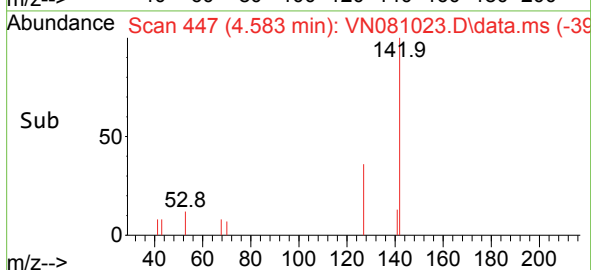
Tgt Ion:101 Resp: 7159
Ion Ratio Lower Upper
101 100
85 31.3 38.1 57.1#
151 42.5 49.1 73.7#

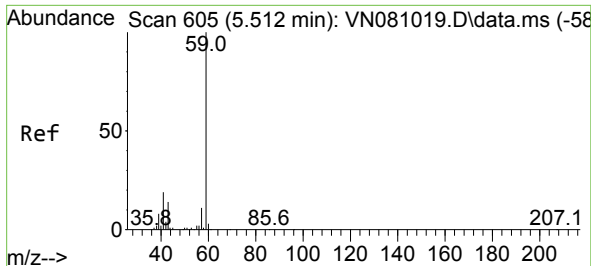


#10
Methyl Iodide
Concen: 1.114 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49



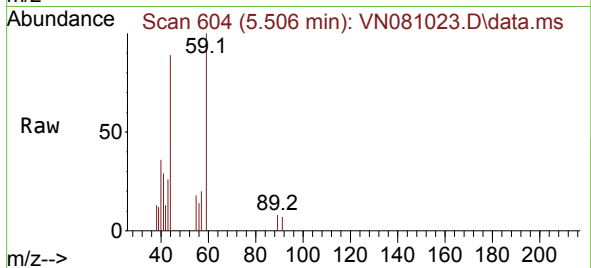
Tgt Ion:142 Resp: 7745
Ion Ratio Lower Upper
142 100
127 35.7 37.0 55.4#
141 13.2 12.5 18.7



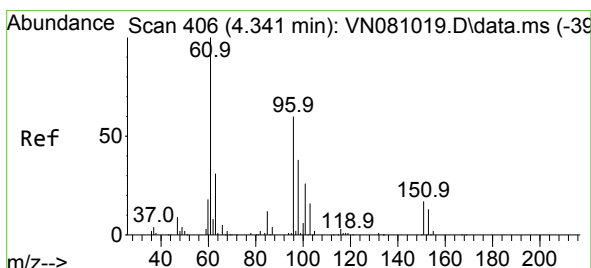
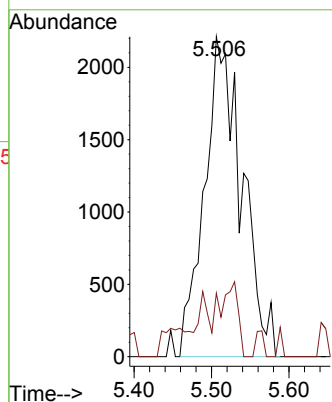
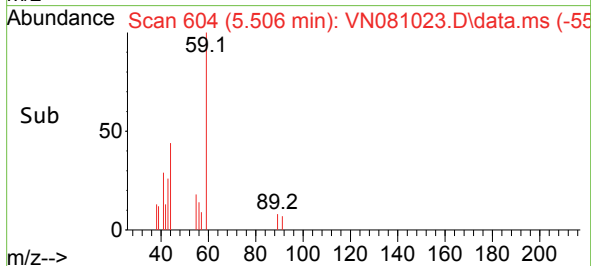


#11
Tert butyl alcohol
Concen: 5.509 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

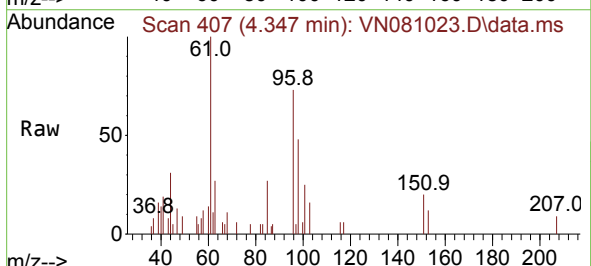
Instrument :
MSVOA_N
ClientSampleId :



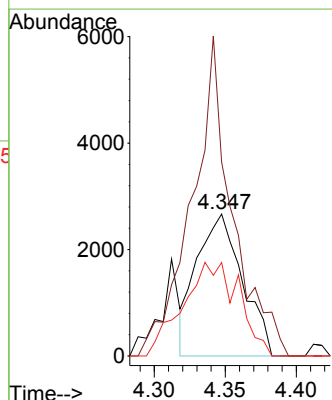
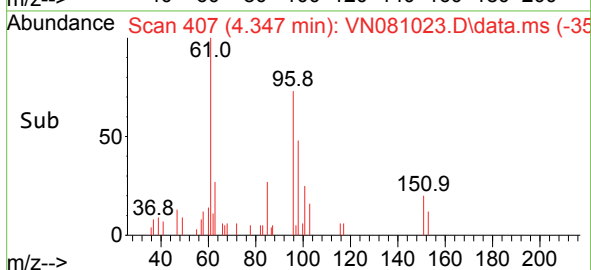
Tgt Ion: 59 Resp: 7438
Ion Ratio Lower Upper
59 100
57 5.5 8.6 12.8#

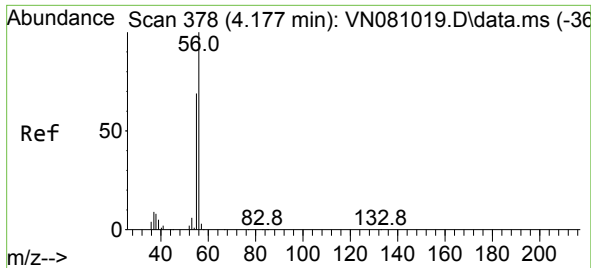


#12
1,1-Dichloroethene
Concen: 0.895 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49



Tgt Ion: 96 Resp: 5966
Ion Ratio Lower Upper
96 100
61 124.4 138.2 207.4#
98 65.9 49.2 73.8





#13

Acrolein

Concen: 4.982 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN081023.D

Acq: 14 Feb 2024 13:49

Instrument :

MSVOA_N

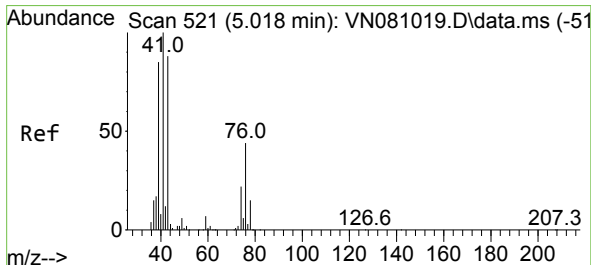
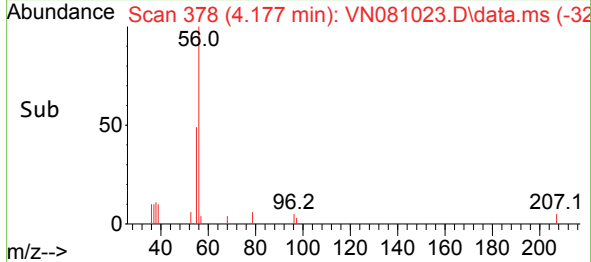
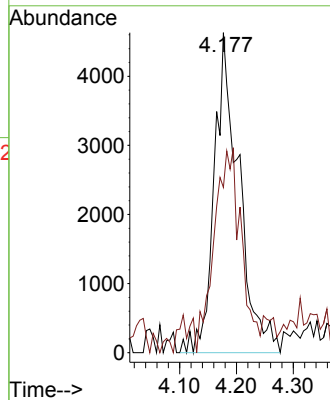
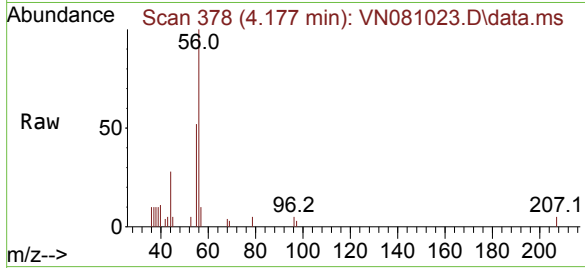
ClientSampleId :

Tgt Ion: 56 Resp: 13984

Ion Ratio Lower Upper

56 100

55 69.8 55.3 82.9



#14

Allyl chloride

Concen: 1.181 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN081023.D

Acq: 14 Feb 2024 13:49

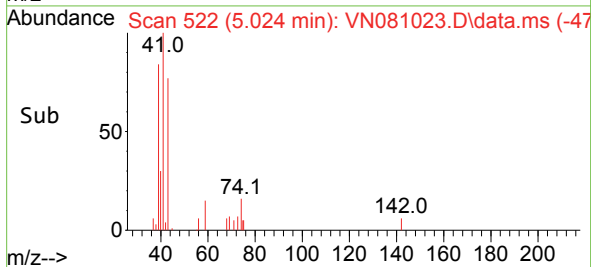
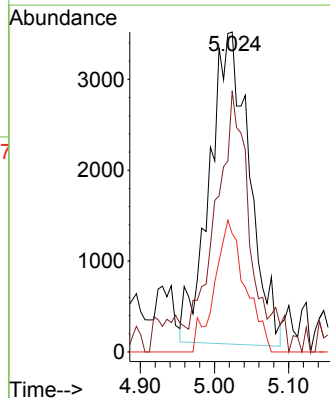
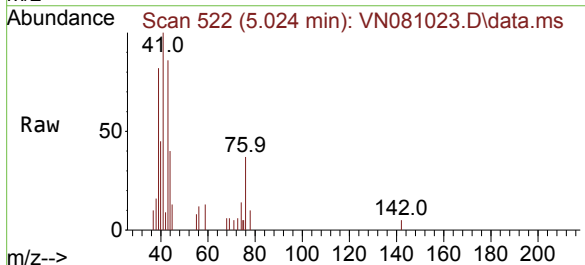
Tgt Ion: 41 Resp: 12832

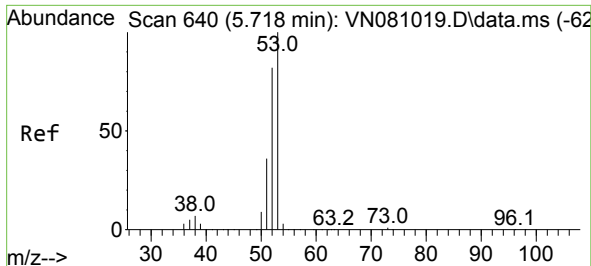
Ion Ratio Lower Upper

41 100

39 56.4 57.7 86.5#

76 32.6 26.8 40.2

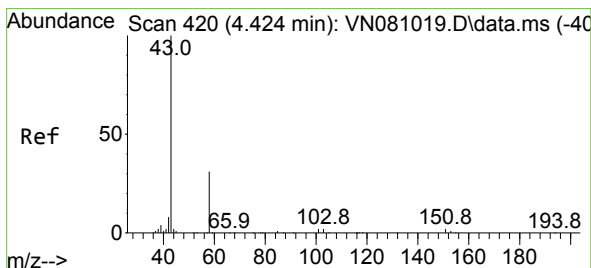
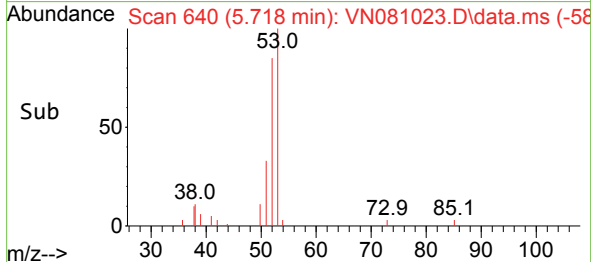
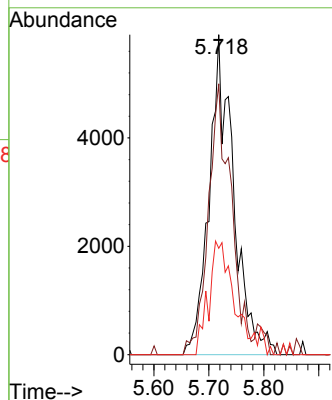
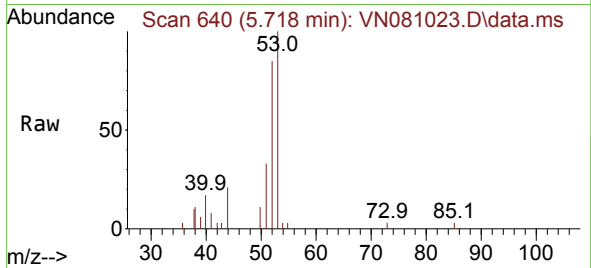




#15
Acrylonitrile
Concen: 5.284 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

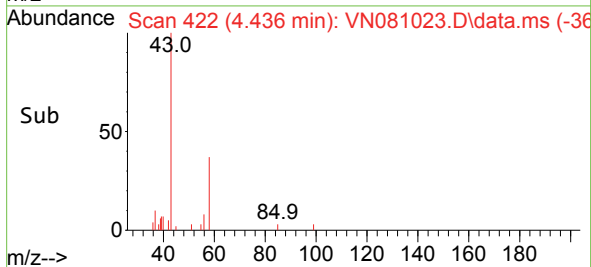
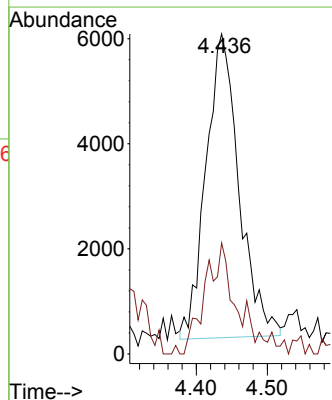
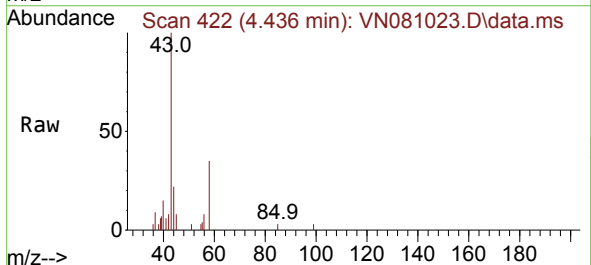
Instrument :
MSVOA_N
ClientSampleId :

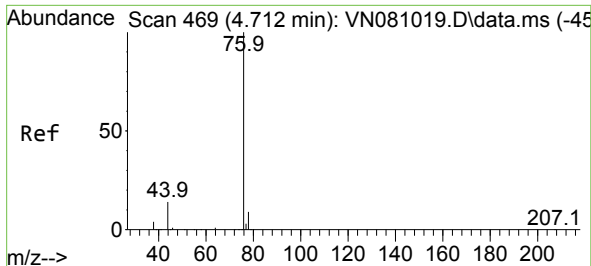
Tgt Ion: 53 Resp: 18270
Ion Ratio Lower Upper
53 100
52 77.9 64.8 97.2
51 35.5 26.9 40.3



#16
Acetone
Concen: 6.337 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Tgt Ion: 43 Resp: 18673
Ion Ratio Lower Upper
43 100
58 37.4 24.8 37.2#

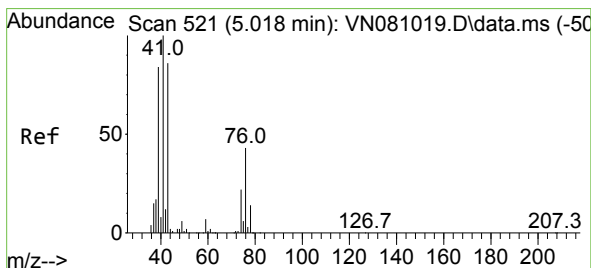
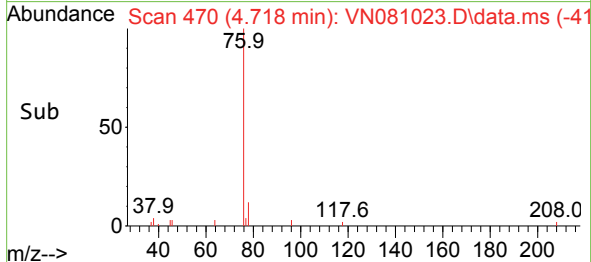
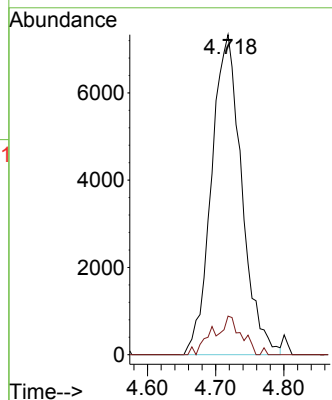
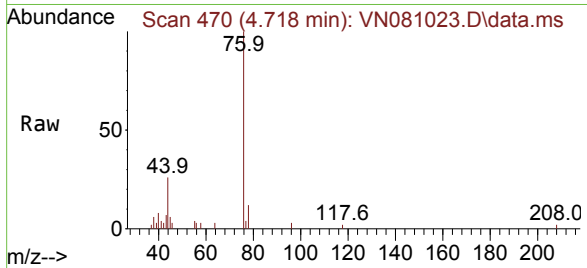




#17
Carbon Disulfide
Concen: 1.171 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

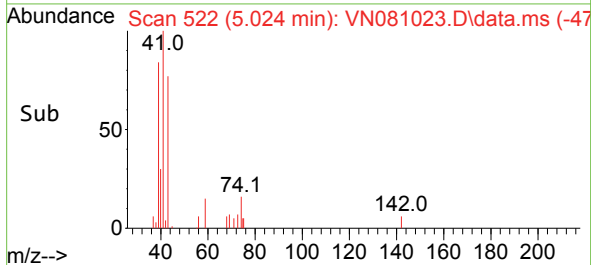
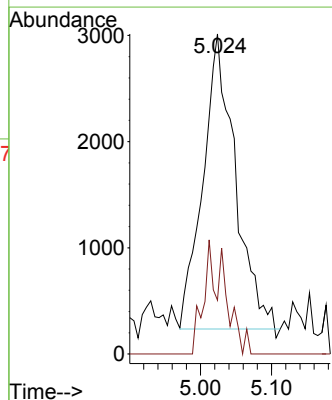
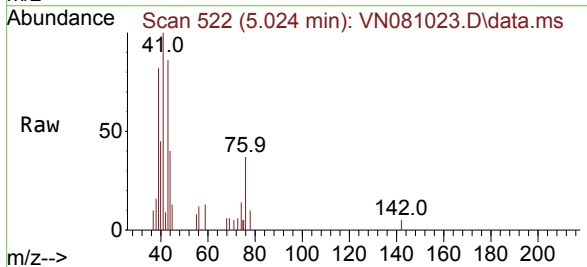
Instrument :
MSVOA_N
ClientSampleId :

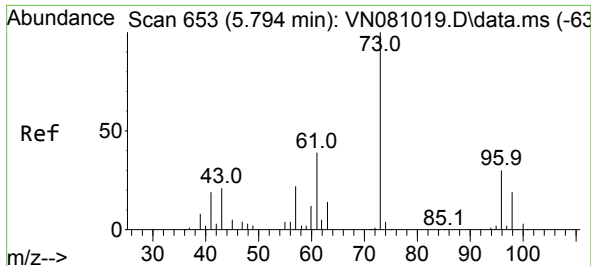
Tgt Ion: 76 Resp: 22628
Ion Ratio Lower Upper
76 100
78 12.0 6.3 9.5#



#18
Methyl Acetate
Concen: 1.129 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Tgt Ion: 43 Resp: 8763
Ion Ratio Lower Upper
43 100
74 14.0 17.3 25.9#





#19

Methyl tert-butyl Ether

Concen: 0.984 ug/l

RT: 5.794 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN081023.D

Acq: 14 Feb 2024 13:49

Instrument :

MSVOA_N

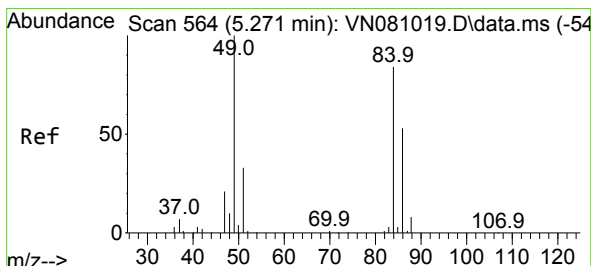
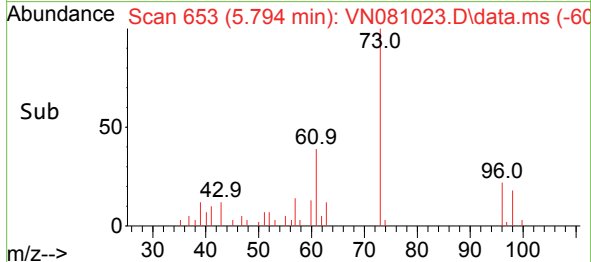
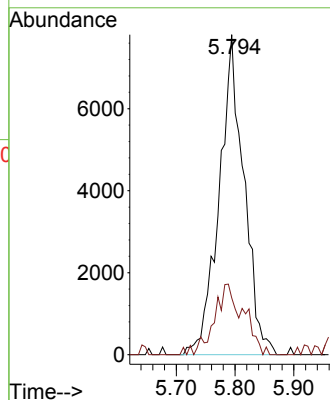
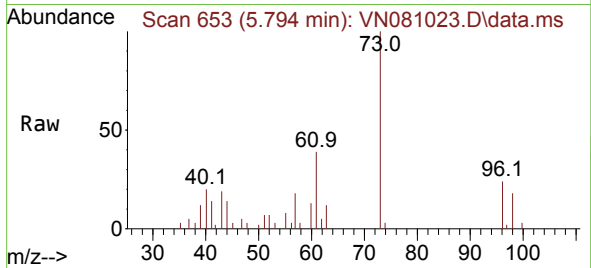
ClientSampleId :

Tgt Ion: 73 Resp: 22895

Ion Ratio Lower Upper

73 100

57 17.7 18.2 27.4#



#20

Methylene Chloride

Concen: 1.096 ug/l

RT: 5.265 min Scan# 563

Delta R.T. -0.006 min

Lab File: VN081023.D

Acq: 14 Feb 2024 13:49

Tgt Ion: 84 Resp: 8413

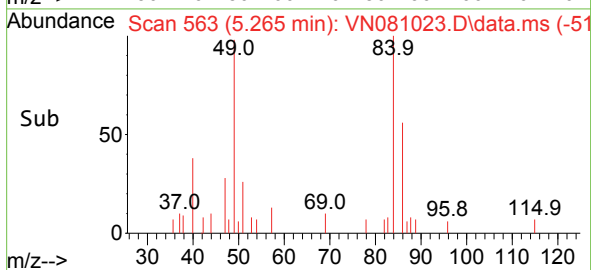
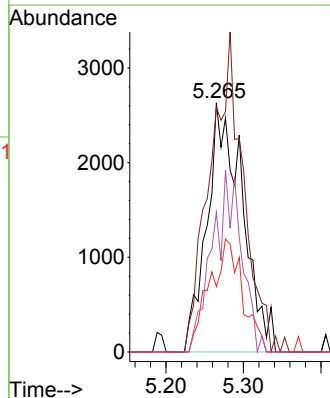
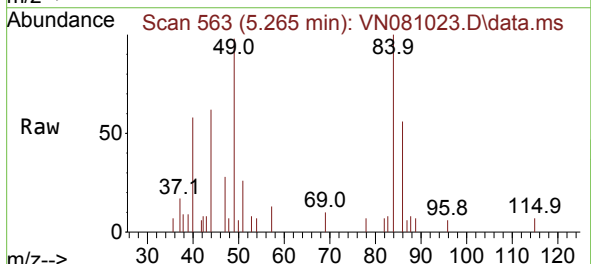
Ion Ratio Lower Upper

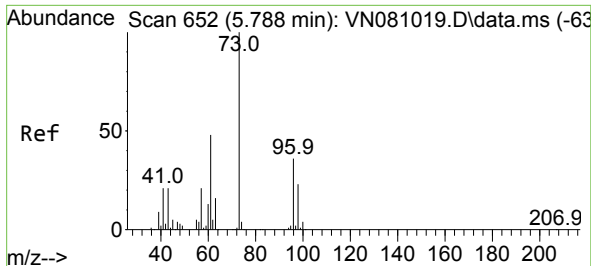
84 100

49 98.3 108.1 162.1#

51 26.3 32.9 49.3#

86 55.9 48.6 73.0

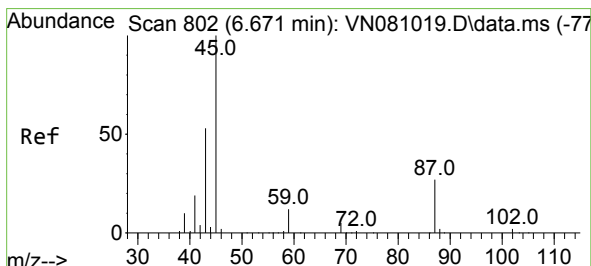
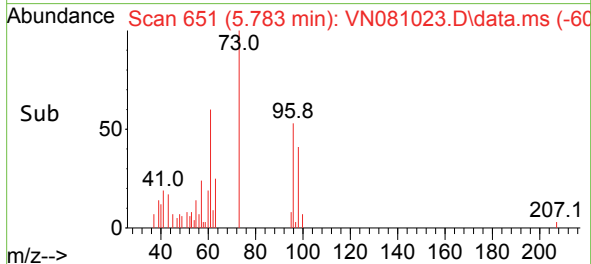
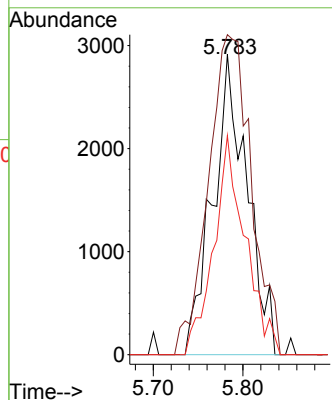
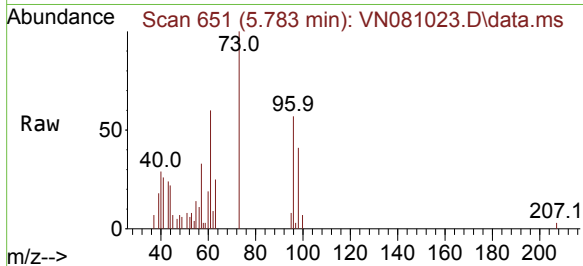




#21
trans-1,2-Dichloroethene
Concen: 1.054 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

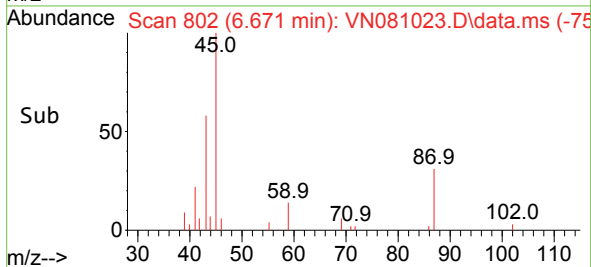
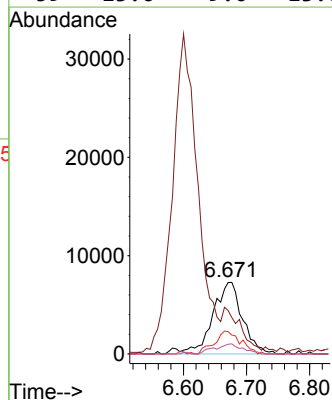
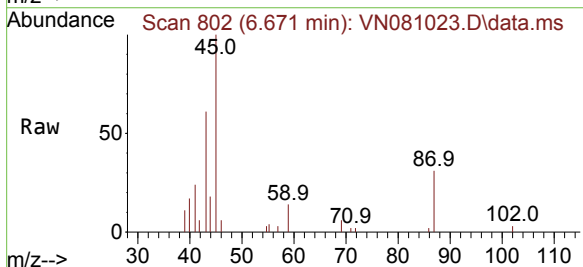
Instrument :
MSVOA_N
ClientSampleId :

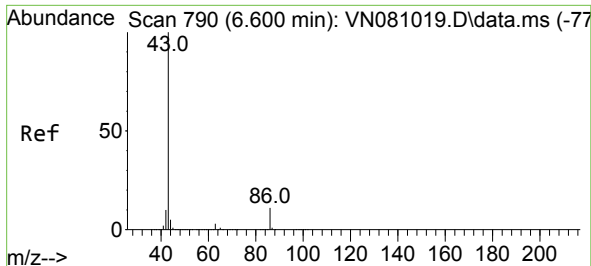
Tgt Ion: 96 Resp: 7726
Ion Ratio Lower Upper
96 100
61 106.5 112.8 169.2#
98 72.9 51.0 76.4



#22
Diisopropyl ether
Concen: 0.994 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Tgt Ion: 45 Resp: 23617
Ion Ratio Lower Upper
45 100
43 52.4 41.8 62.8
87 31.2 18.1 27.1#
59 13.6 9.0 13.6#

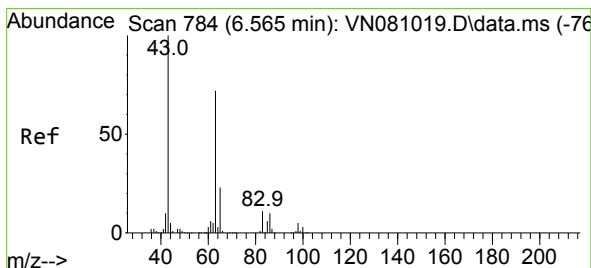
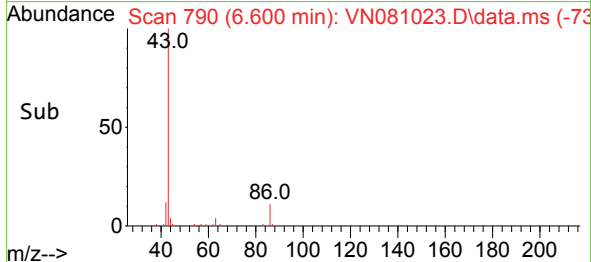
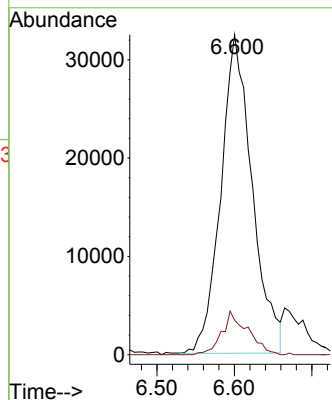
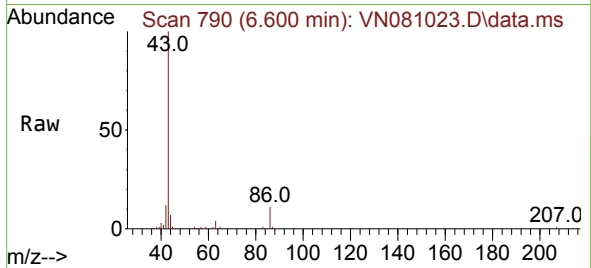




#23
 Vinyl Acetate
 Concen: 4.767 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081023.D
 Acq: 14 Feb 2024 13:49

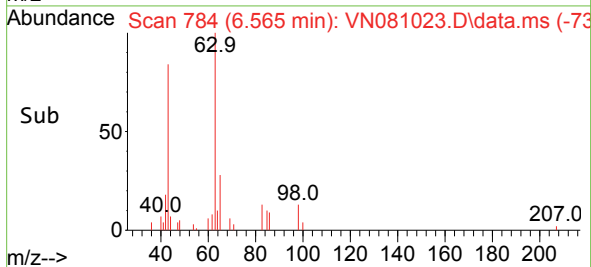
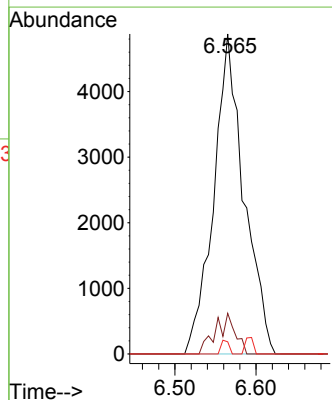
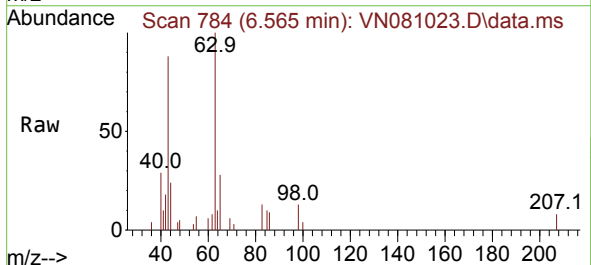
Instrument :
 MSVOA_N
 ClientSampleId :

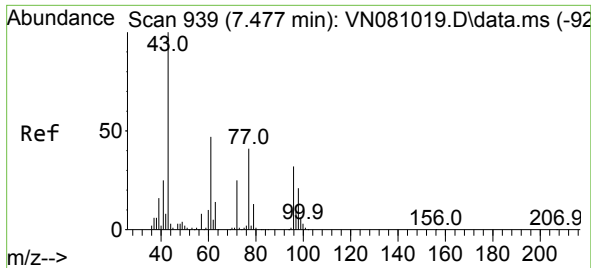
Tgt Ion: 43 Resp: 91275
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 0.955 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN081023.D
 Acq: 14 Feb 2024 13:49

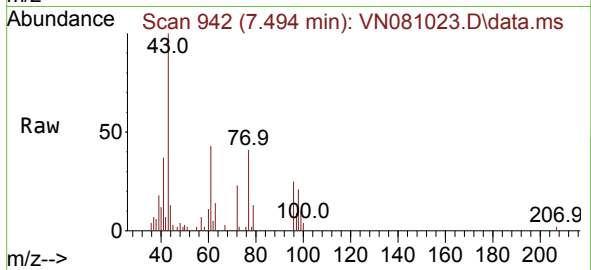
Tgt Ion: 63 Resp: 12653
 Ion Ratio Lower Upper
 63 100
 98 12.7 2.9 8.6#
 100 3.8 1.9 5.7



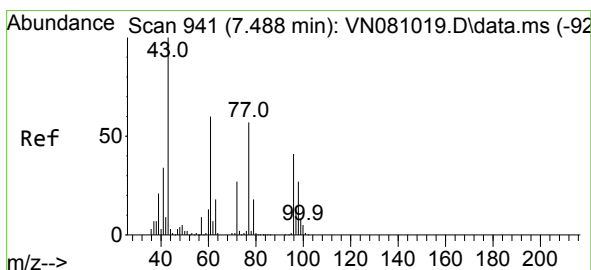
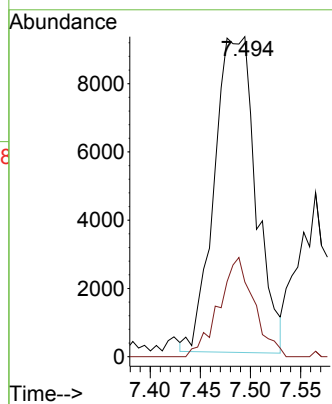
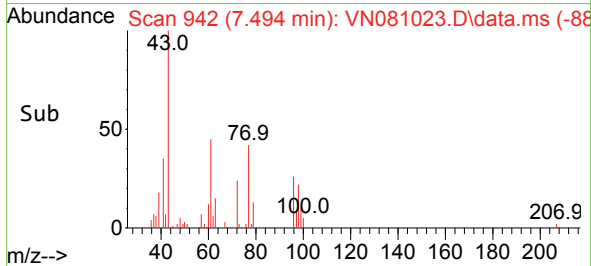


#25
2-Butanone
Concen: 5.592 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.018 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Instrument :
MSVOA_N
ClientSampleId :

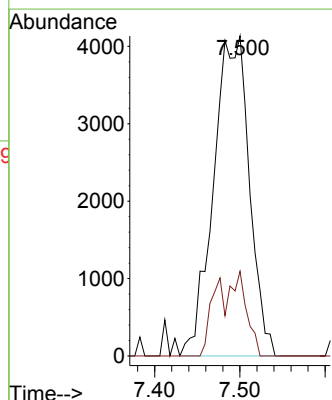
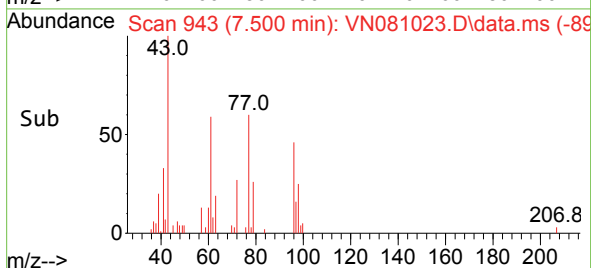
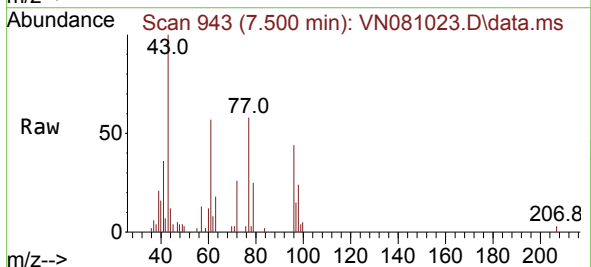


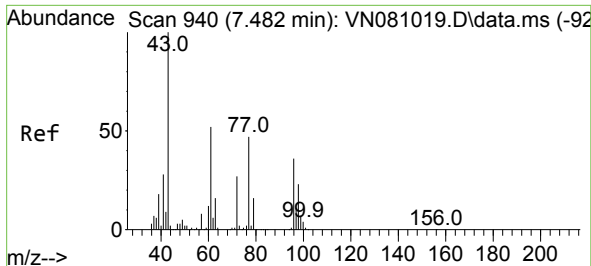
Tgt Ion: 43 Resp: 26749
Ion Ratio Lower Upper
43 100
72 24.4 19.5 29.3



#26
2,2-Dichloropropane
Concen: 0.991 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.012 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Tgt Ion: 77 Resp: 12086
Ion Ratio Lower Upper
77 100
97 12.2 11.5 34.5

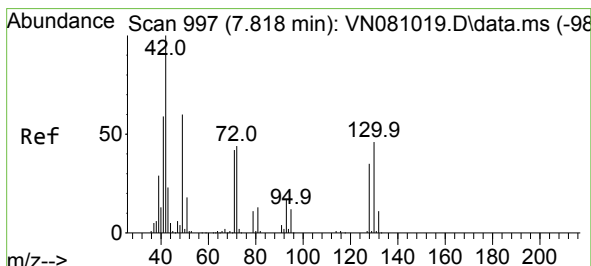
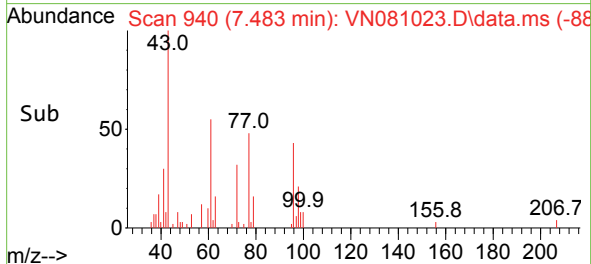
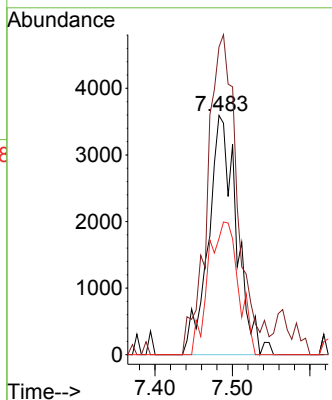
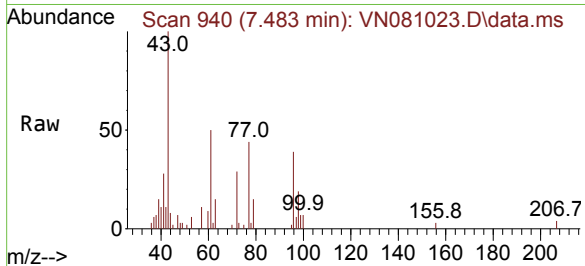




#27
 cis-1,2-Dichloroethene
 Concen: 1.069 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN081023.D
 Acq: 14 Feb 2024 13:49

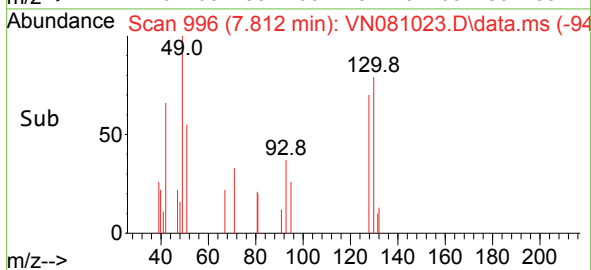
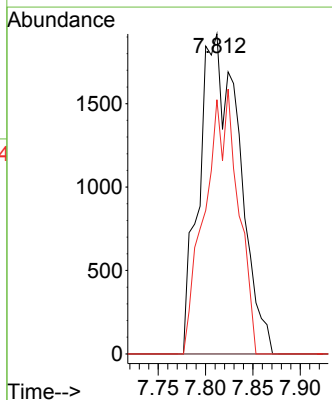
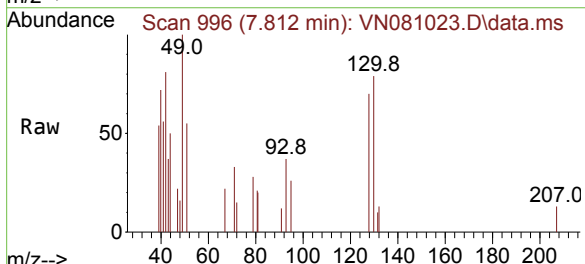
Instrument :
 MSVOA_N
 ClientSampleId :

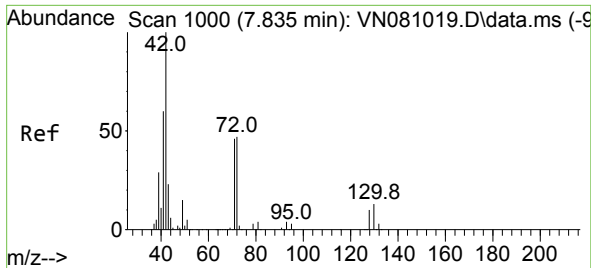
Tgt Ion: 96 Resp: 9057
 Ion Ratio Lower Upper
 96 100
 61 143.3 0.0 325.4
 98 59.5 0.0 130.4



#28
 Bromochloromethane
 Concen: 1.057 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN081023.D
 Acq: 14 Feb 2024 13:49

Tgt Ion: 49 Resp: 5654
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 1.6
 130 68.0 42.3 63.5#

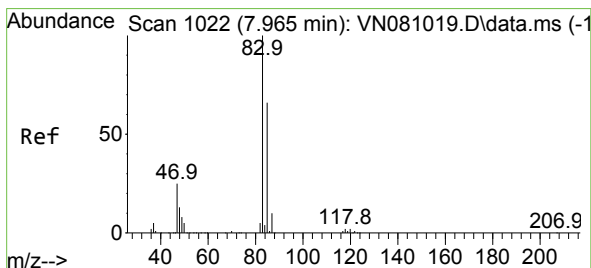
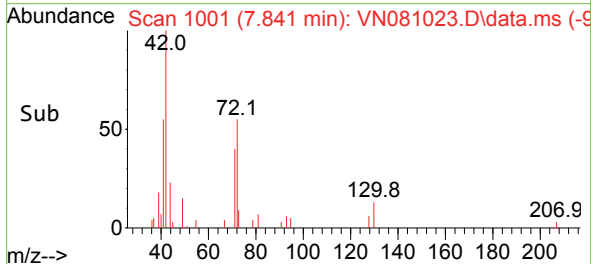
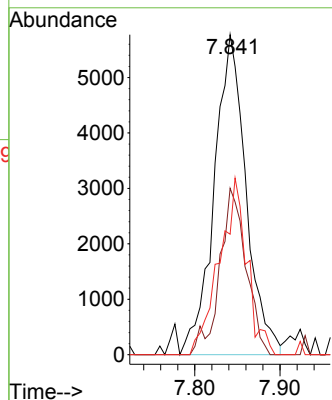
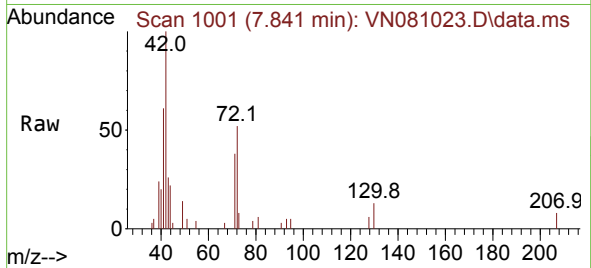




#29
Tetrahydrofuran
Concen: 4.885 ug/l
RT: 7.841 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

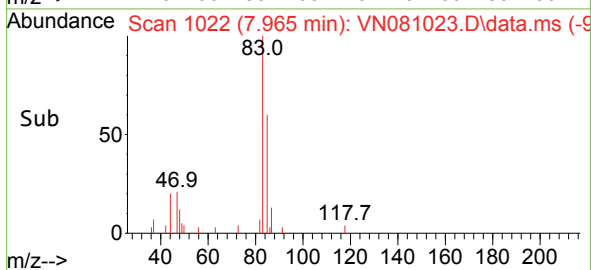
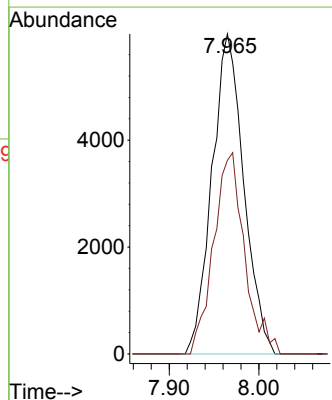
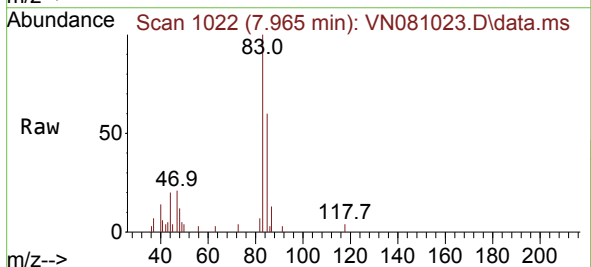
Instrument :
MSVOA_N
ClientSampleId :

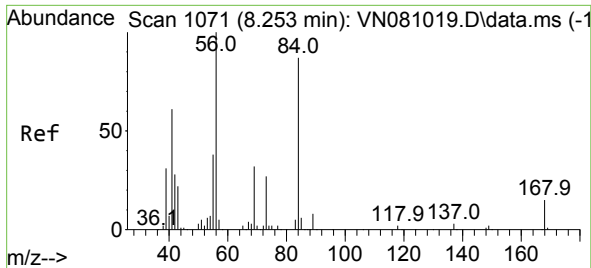
Tgt Ion: 42 Resp: 15017
Ion Ratio Lower Upper
42 100
72 43.2 31.1 46.7
71 47.9 28.3 42.5#



#30
Chloroform
Concen: 1.036 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

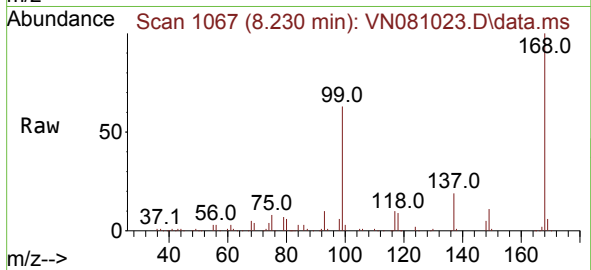
Tgt Ion: 83 Resp: 14726
Ion Ratio Lower Upper
83 100
85 60.5 51.0 76.6



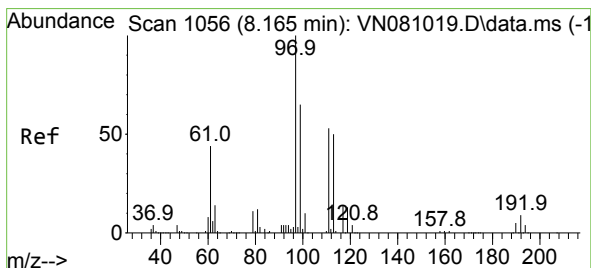
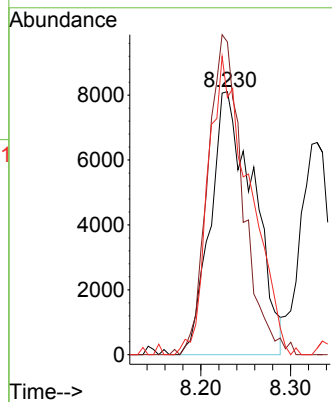
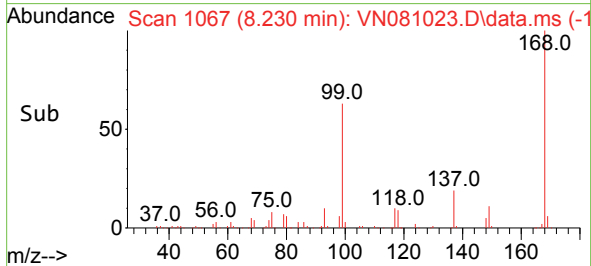


#31
Cyclohexane
Concen: 2.069 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.023 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Instrument :
MSVOA_N
ClientSampleId :

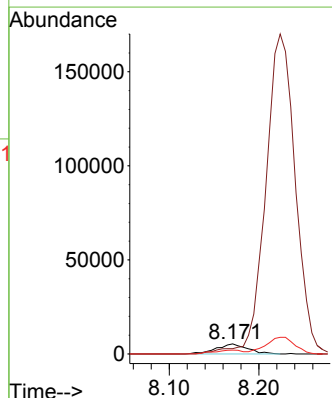
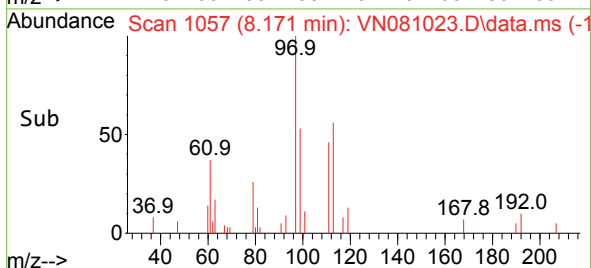
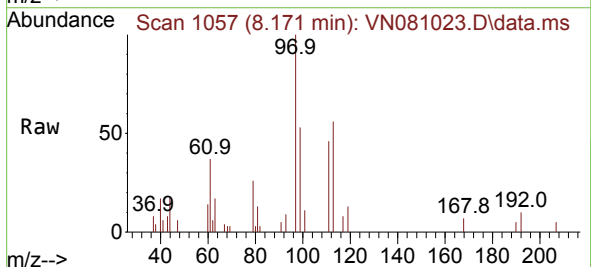


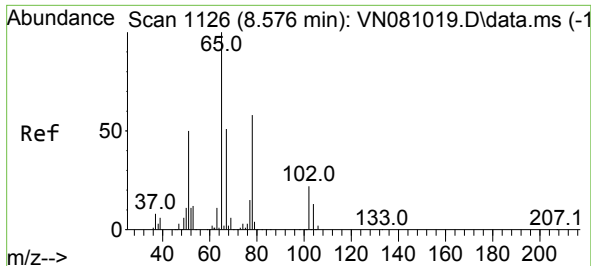
Tgt Ion: 56 Resp: 27059
Ion Ratio Lower Upper
56 100
69 118.9 20.1 30.1#
84 95.5 56.9 85.3#



#32
1,1,1-Trichloroethane
Concen: 1.034 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Tgt Ion: 97 Resp: 12977
Ion Ratio Lower Upper
97 100
99 0.0 53.4 80.0#
61 37.0 43.8 65.8#





#33

1,2-Dichloroethane-d4

Concen: 1.379 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081023.D

Acq: 14 Feb 2024 13:49

Instrument :

MSVOA_N

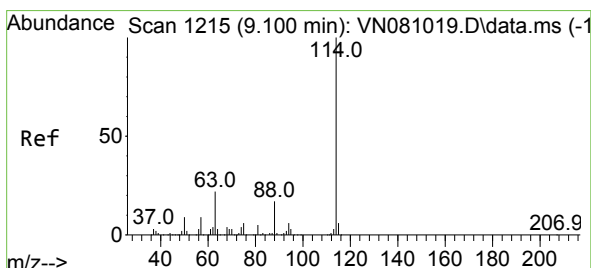
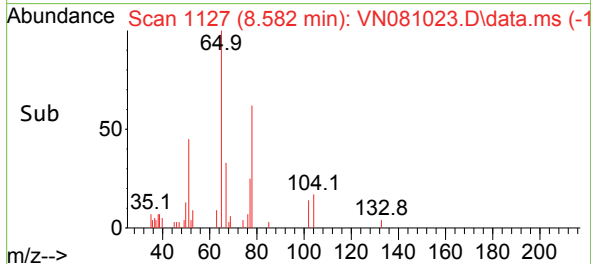
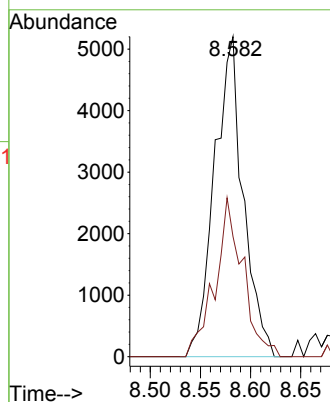
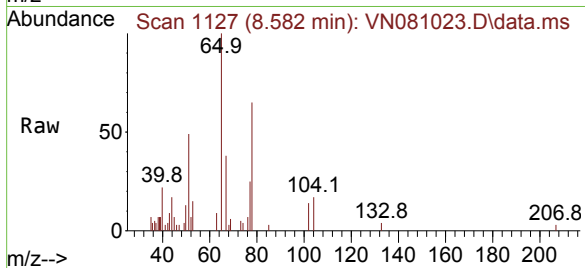
ClientSampleId :

Tgt Ion: 65 Resp: 10378

Ion Ratio Lower Upper

65 100

67 48.1 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN081023.D

Acq: 14 Feb 2024 13:49

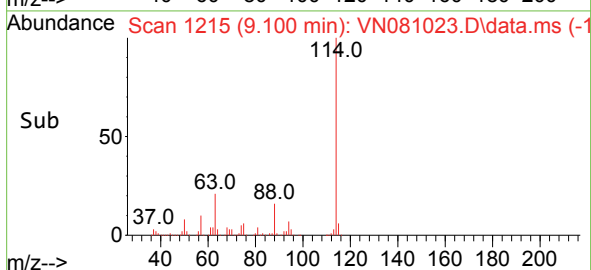
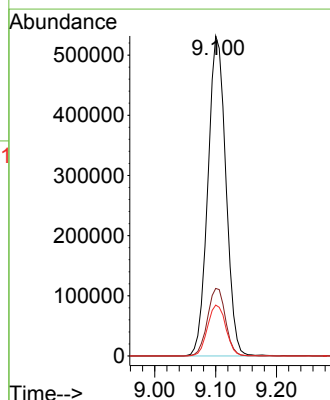
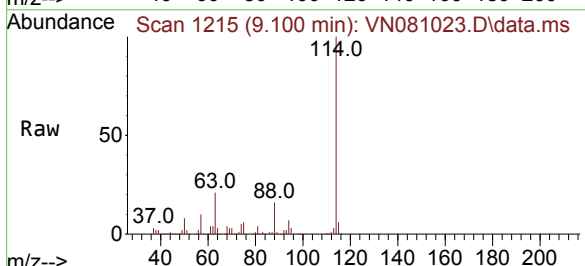
Tgt Ion: 114 Resp: 1090249

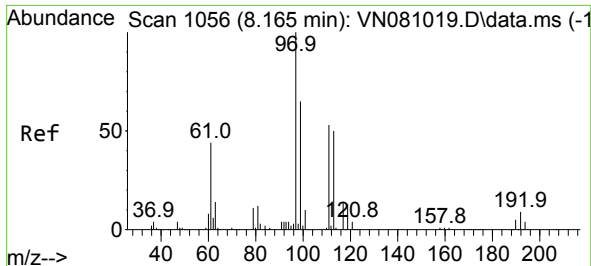
Ion Ratio Lower Upper

114 100

63 21.1 0.0 48.0

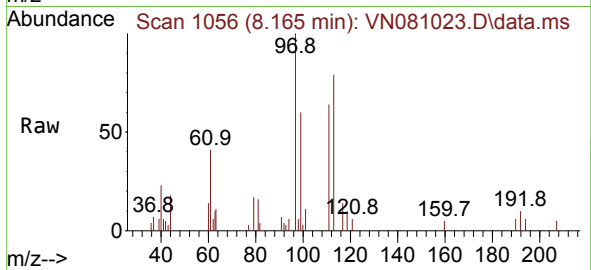
88 15.9 0.0 34.8



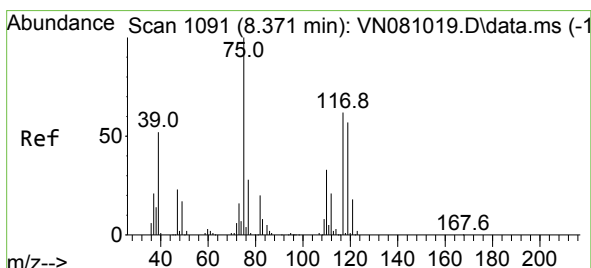
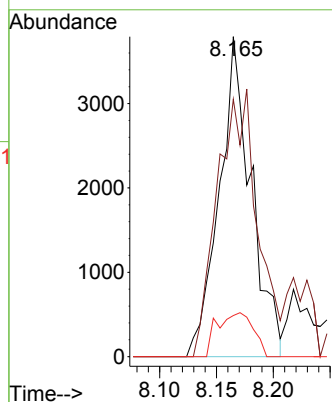
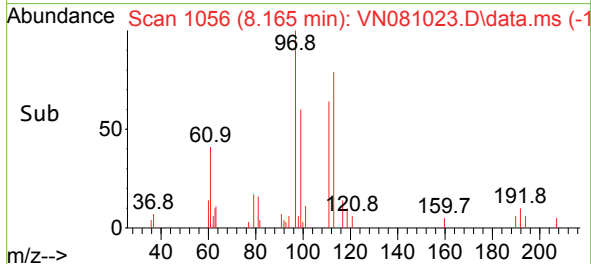


#35
Dibromofluoromethane
Concen: 1.184 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Instrument :
MSVOA_N
ClientSampleId :

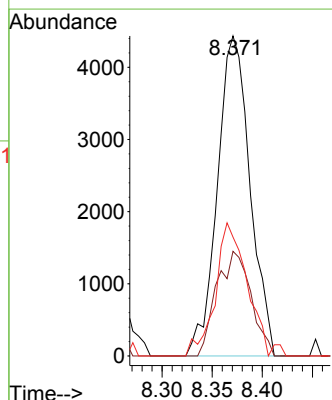
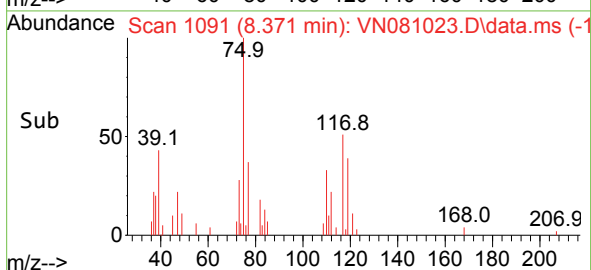
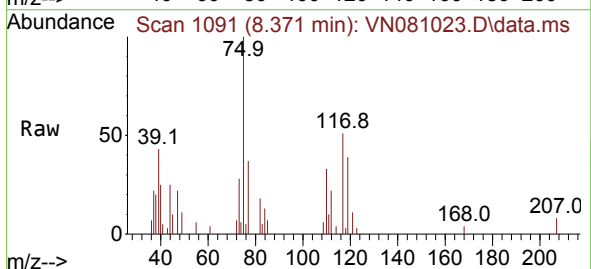


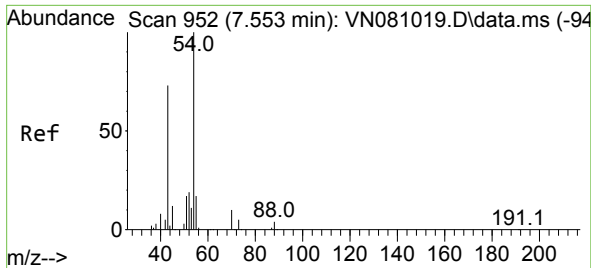
Tgt Ion:113 Resp: 7399
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.4
192 15.5 12.5 18.7



#36
1,1-Dichloropropene
Concen: 0.964 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Tgt Ion: 75 Resp: 10051
Ion Ratio Lower Upper
75 100
110 34.5 16.0 48.0
77 41.0 25.8 38.6#

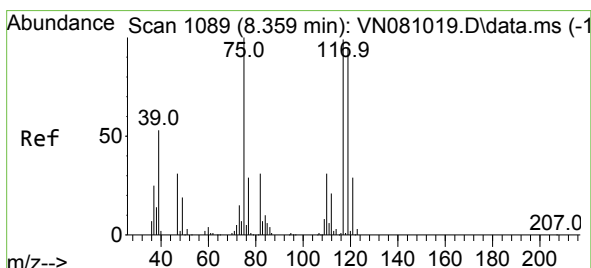
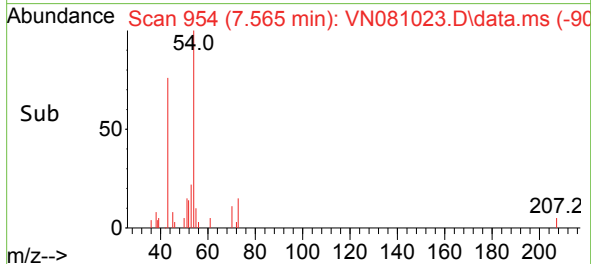
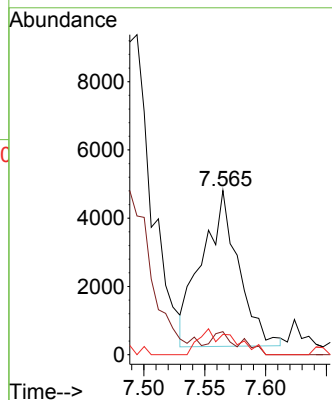
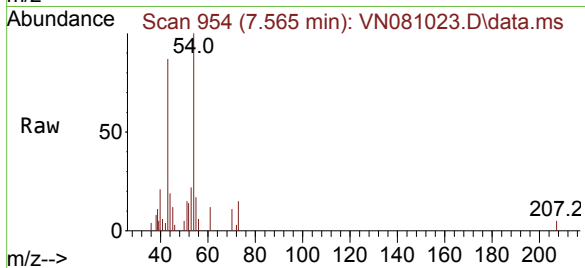




#37
Ethyl Acetate
Concen: 0.994 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

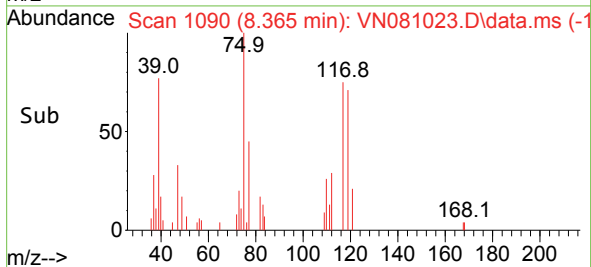
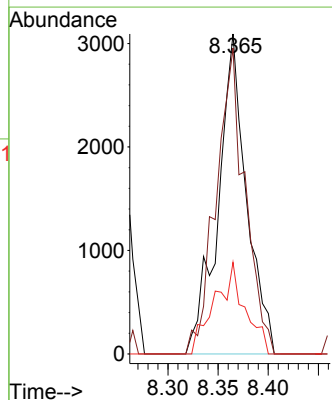
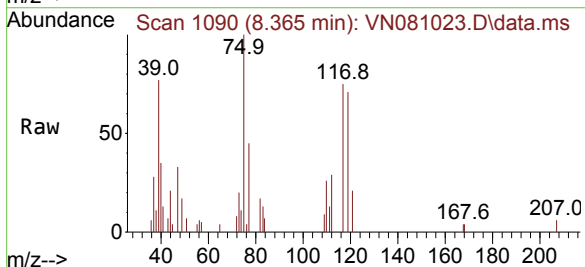
Instrument :
MSVOA_N
ClientSampleId :

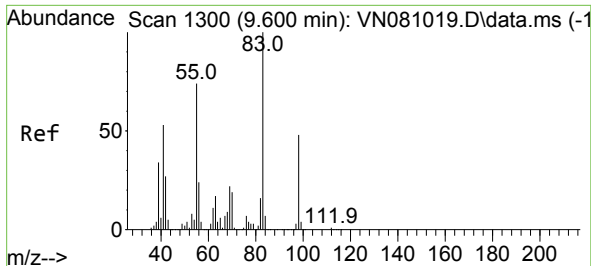
Tgt Ion: 43 Resp: 9488
Ion Ratio Lower Upper
43 100
61 4.4 10.6 15.8#
70 16.2 8.0 12.0#



#38
Carbon Tetrachloride
Concen: 0.799 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

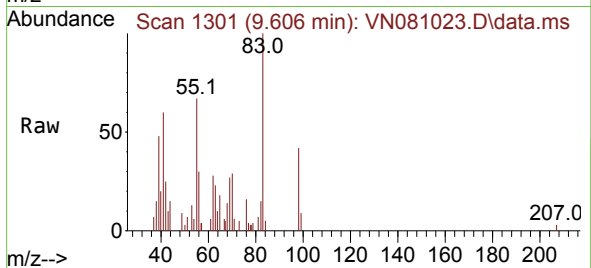
Tgt Ion: 117 Resp: 6100
Ion Ratio Lower Upper
117 100
119 95.6 73.4 110.2
121 28.6 24.4 36.6



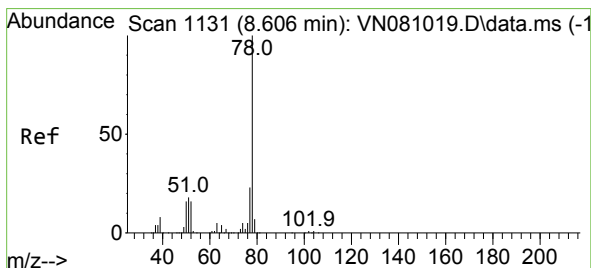
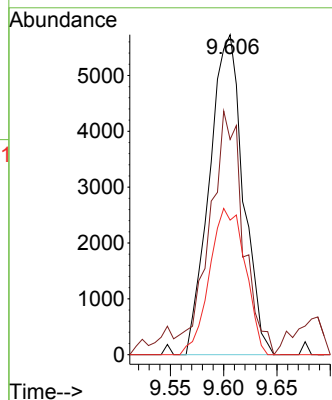
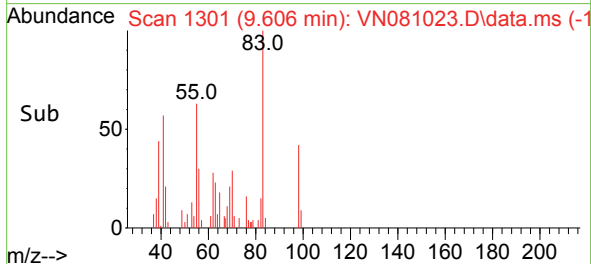


#39
Methylcyclohexane
Concen: 0.986 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. 0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Instrument :
MSVOA_N
ClientSampleId :

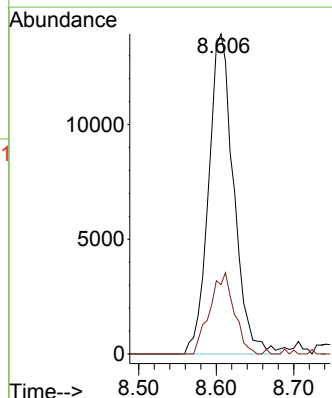
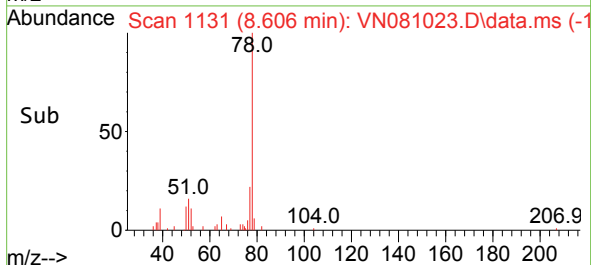
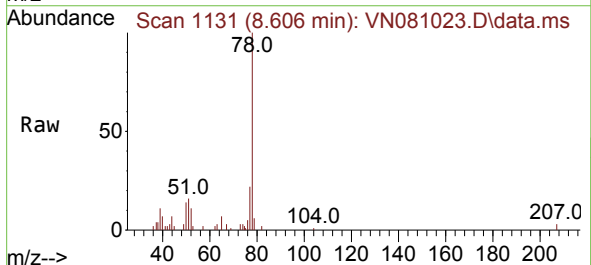


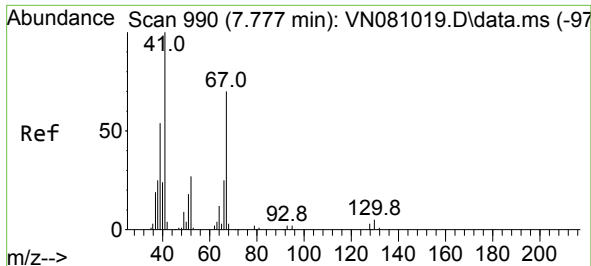
Tgt Ion: 83 Resp: 12657
Ion Ratio Lower Upper
83 100
55 64.6 65.7 98.5#
98 42.1 33.8 50.6



#40
Benzene
Concen: 1.017 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Tgt Ion: 78 Resp: 31374
Ion Ratio Lower Upper
78 100
77 21.7 20.4 30.6

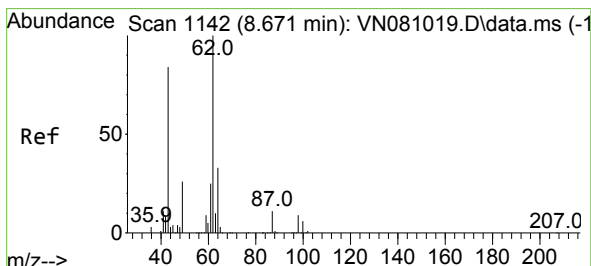
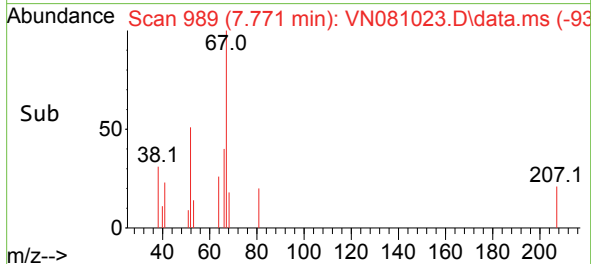
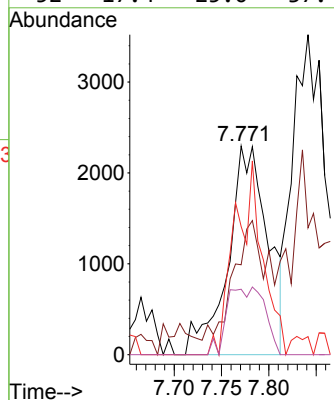
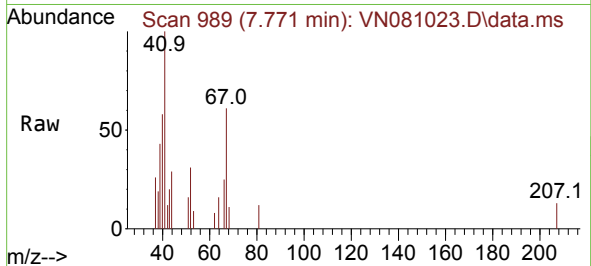




#41
Methacrylonitrile
Concen: 1.162 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

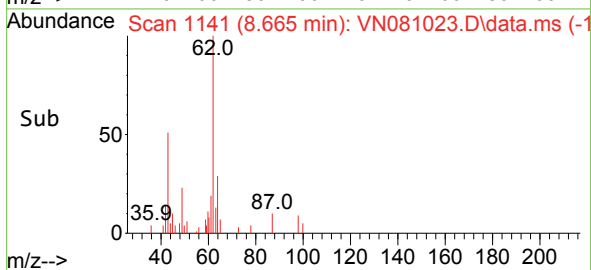
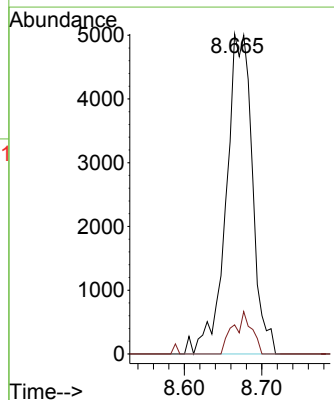
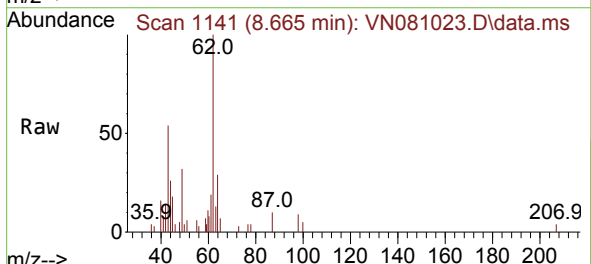
Instrument :
MSVOA_N
ClientSampleId :

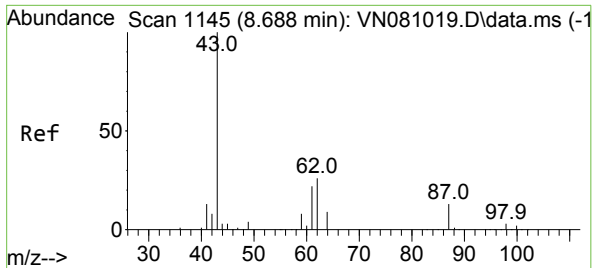
Tgt Ion:	41	Resp:	6729
Ion	Ratio	Lower	Upper
41	100		
39	52.5	48.4	72.6
67	65.7	56.8	85.2
52	17.4	25.0	37.4



#42
1,2-Dichloroethane
Concen: 1.080 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Tgt Ion:	62	Resp:	11819
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.0

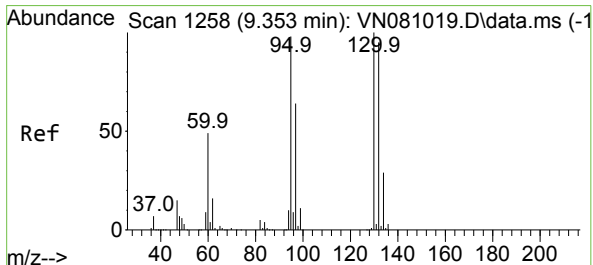
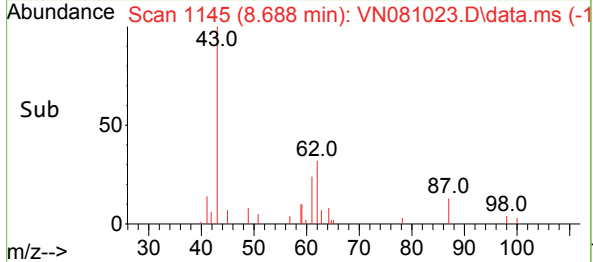
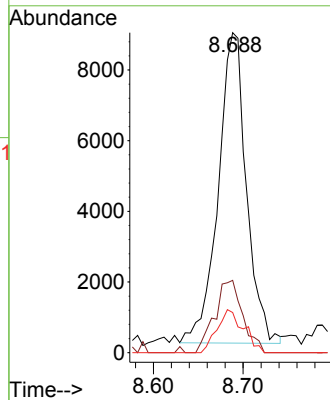
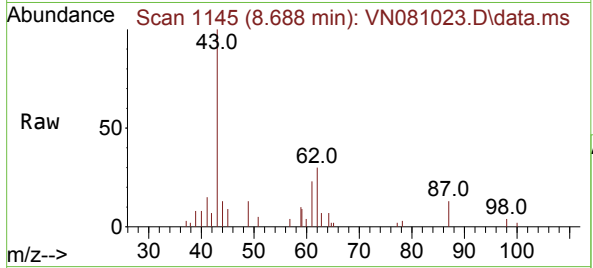




#43
Isopropyl Acetate
Concen: 1.074 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

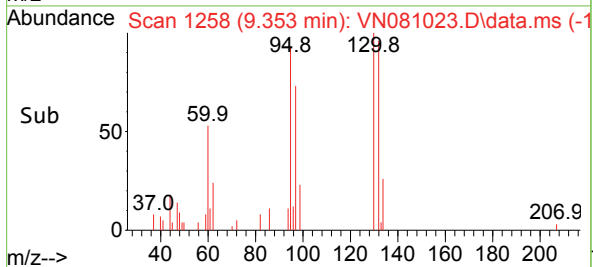
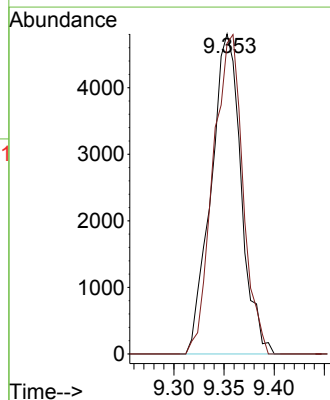
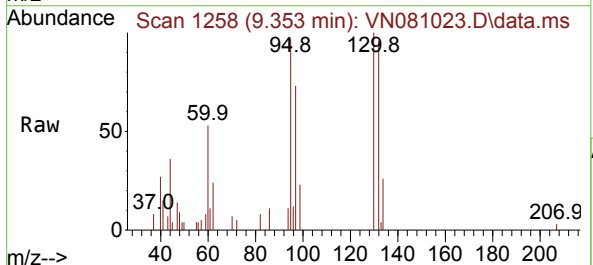
Instrument :
MSVOA_N
ClientSampleId :

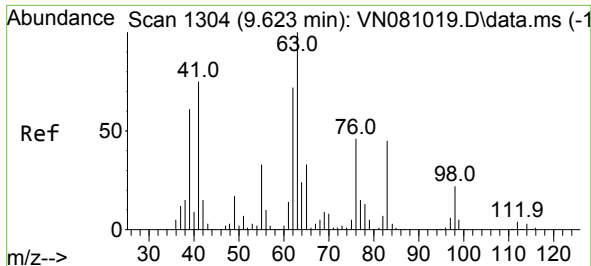
Tgt Ion:	43	Resp:	19206
Ion Ratio	Lower	Upper	
43	100		
61	23.1	19.9	29.9
87	13.0	9.0	13.6



#44
Trichloroethene
Concen: 1.098 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Tgt Ion:	130	Resp:	10034
Ion Ratio	Lower	Upper	
130	100		
95	97.1	0.0	210.4





#45

1,2-Dichloropropane

Concen: 0.953 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN081023.D

Acq: 14 Feb 2024 13:49

Instrument :

MSVOA_N

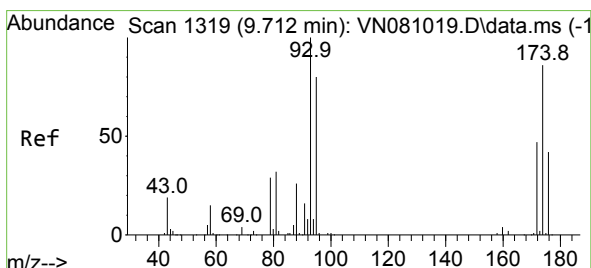
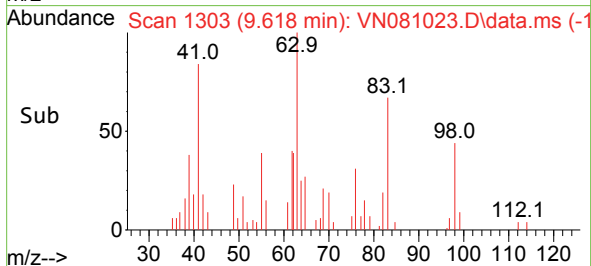
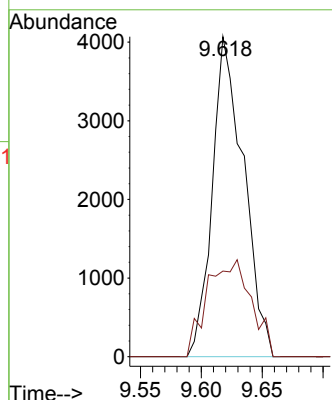
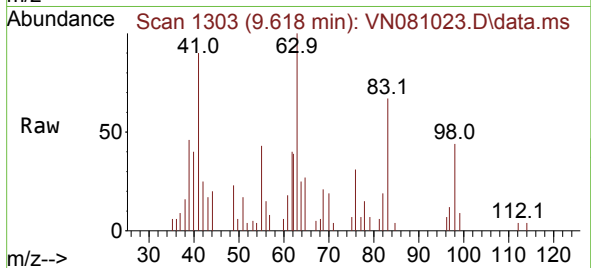
ClientSampleId :

Tgt Ion: 63 Resp: 7270

Ion Ratio Lower Upper

63 100

65 26.8 26.1 39.1



#46

Dibromomethane

Concen: 1.034 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN081023.D

Acq: 14 Feb 2024 13:49

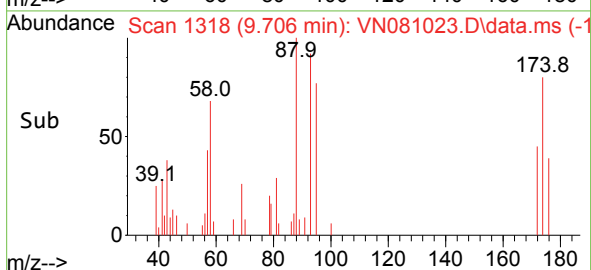
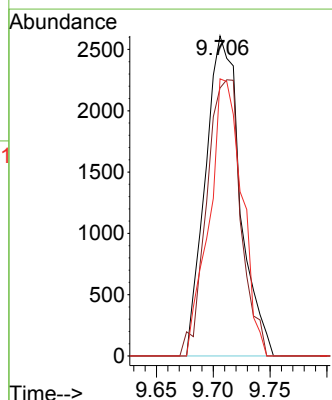
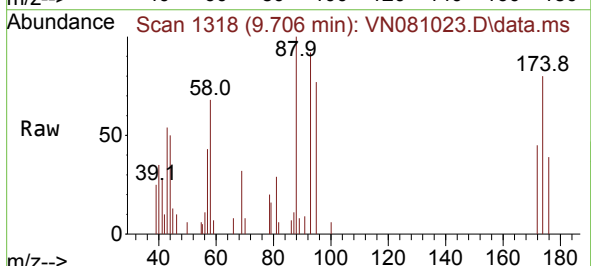
Tgt Ion: 93 Resp: 5568

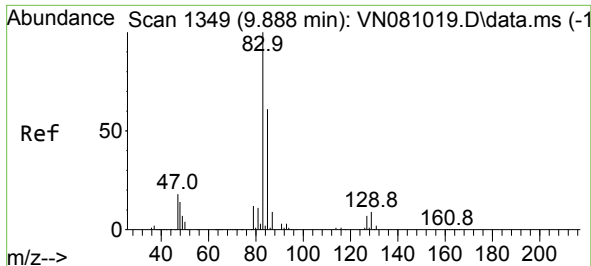
Ion Ratio Lower Upper

93 100

95 84.8 68.1 102.1

174 81.5 57.2 85.8





#47

Bromodichloromethane

Concen: 0.943 ug/l

RT: 9.894 min Scan# 1350

Delta R.T. 0.006 min

Lab File: VN081023.D

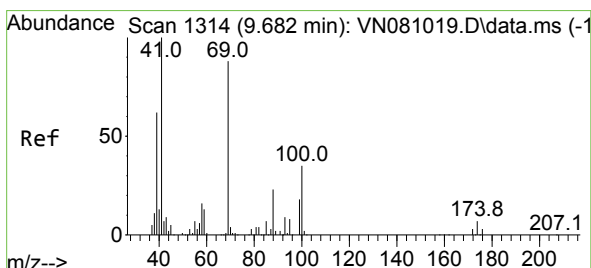
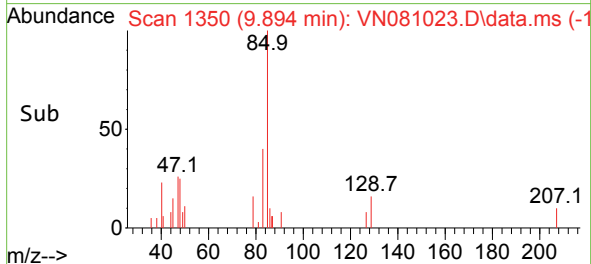
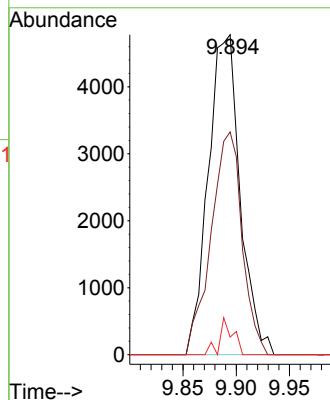
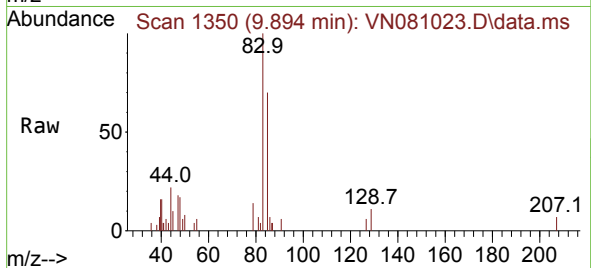
Acq: 14 Feb 2024 13:49

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	83	Resp:	9948
Ion	Ratio	Lower	Upper
83	100		
85	69.6	52.3	78.5
127	5.5	4.6	7.0



#48

Methyl methacrylate

Concen: 1.115 ug/l

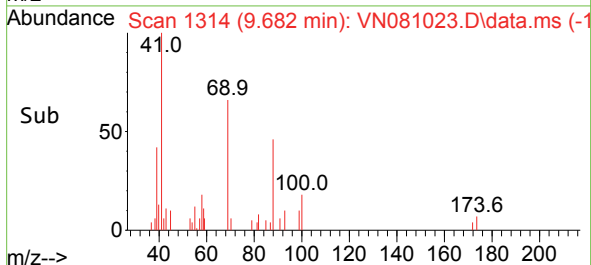
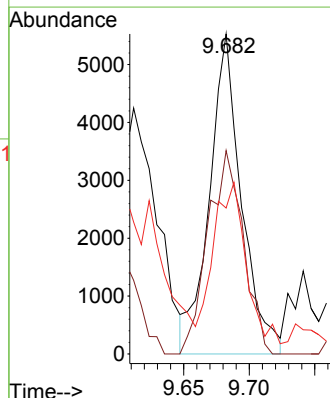
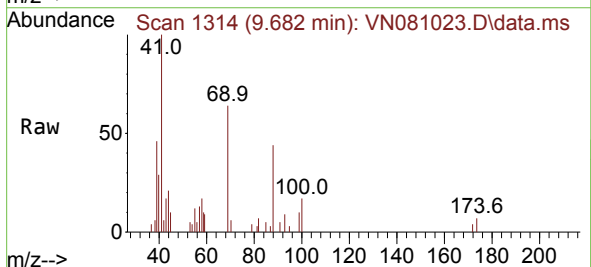
RT: 9.682 min Scan# 1314

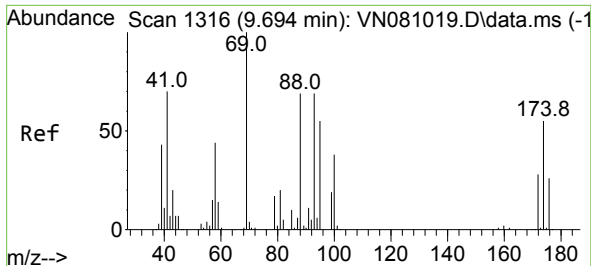
Delta R.T. 0.000 min

Lab File: VN081023.D

Acq: 14 Feb 2024 13:49

Tgt Ion:	41	Resp:	9386
Ion	Ratio	Lower	Upper
41	100		
69	70.4	62.2	93.2
39	50.6	47.6	71.4





#49

1,4-Dioxane

Concen: 37.100 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081023.D

Acq: 14 Feb 2024 13:49

Instrument :

MSVOA_N

ClientSampleId :

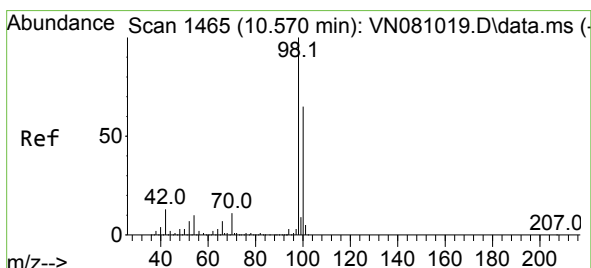
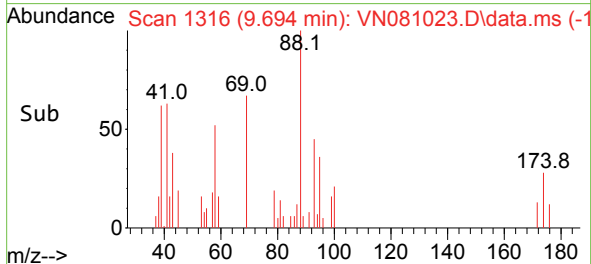
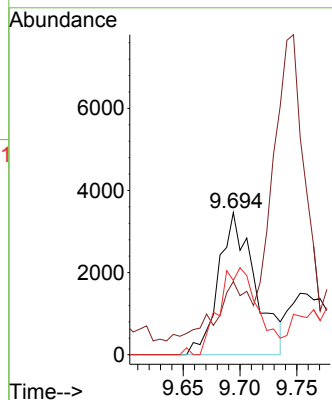
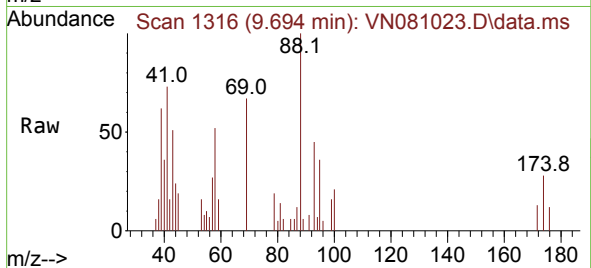
Tgt Ion: 88 Resp: 7684

Ion Ratio Lower Upper

88 100

43 38.9 30.1 45.1

58 66.8 63.9 95.9



#50

Toluene-d8

Concen: 1.311 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN081023.D

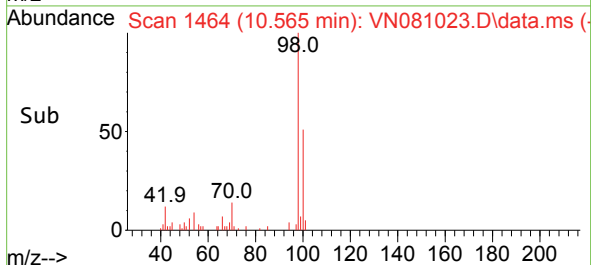
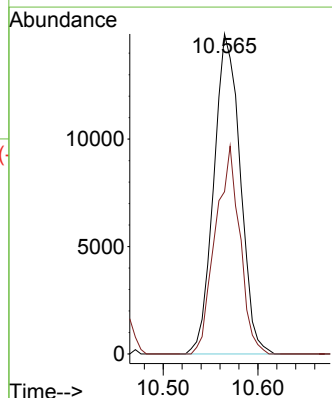
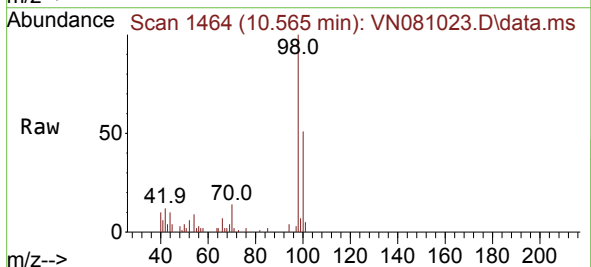
Acq: 14 Feb 2024 13:49

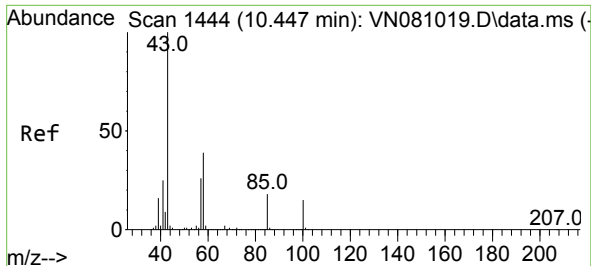
Tgt Ion: 98 Resp: 28898

Ion Ratio Lower Upper

98 100

100 60.2 51.4 77.0

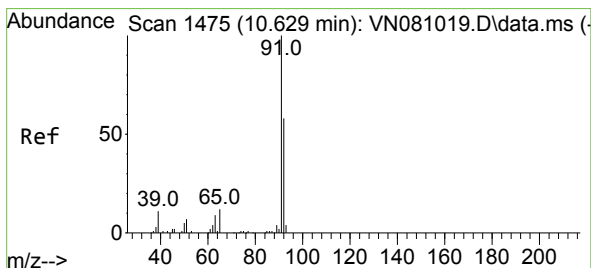
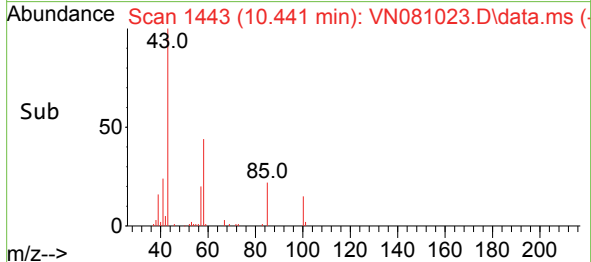
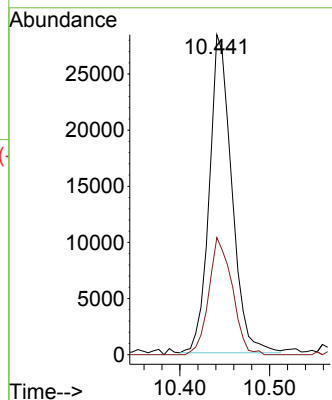
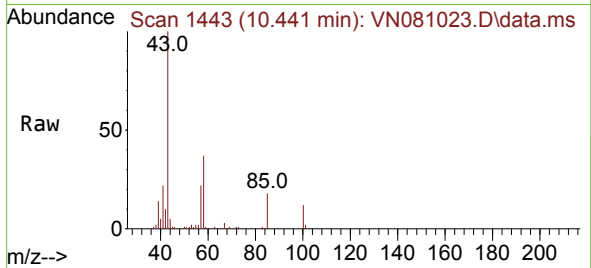




#51
4-Methyl-2-Pentanone
Concen: 4.944 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

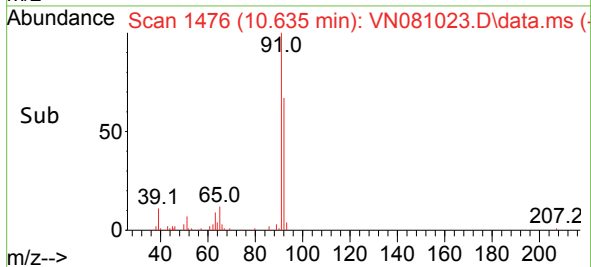
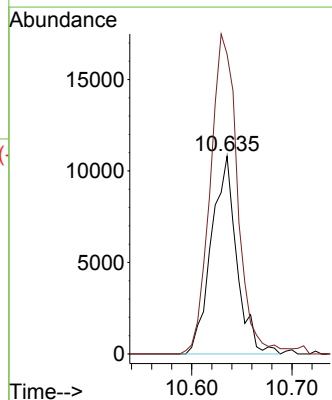
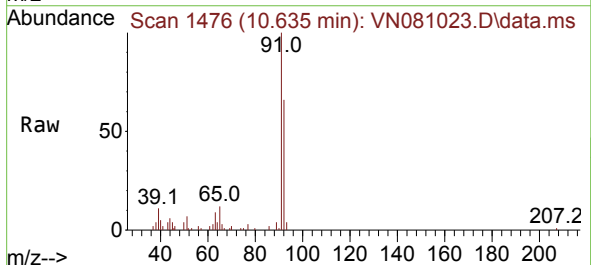
Instrument :
MSVOA_N
ClientSampleId :

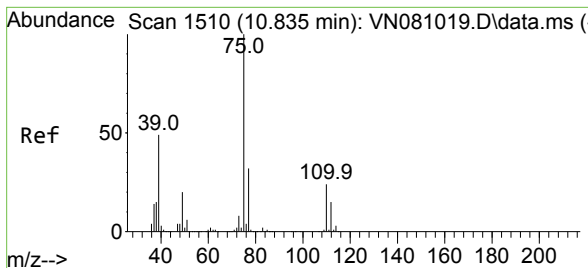
Tgt Ion: 43 Resp: 49281
Ion Ratio Lower Upper
43 100
58 38.2 29.4 44.0



#52
Toluene
Concen: 0.988 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Tgt Ion: 92 Resp: 19043
Ion Ratio Lower Upper
92 100
91 174.2 139.4 209.0

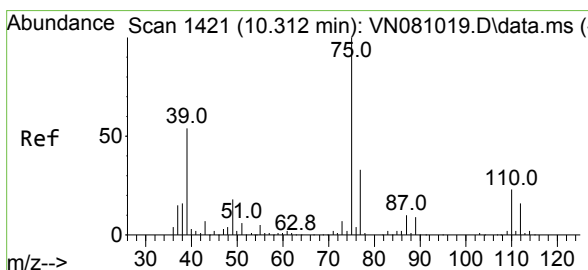
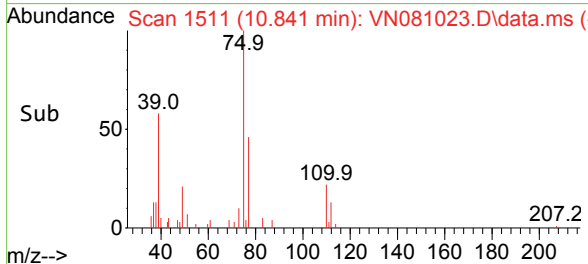
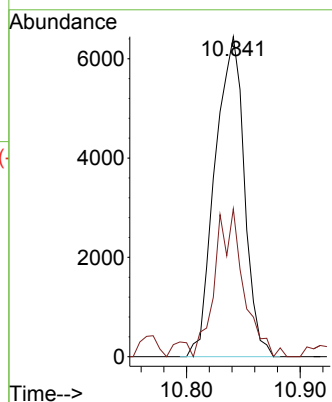
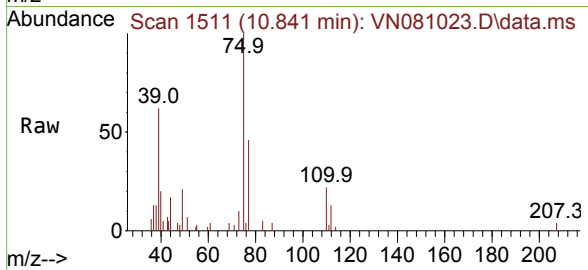




#53
 t-1,3-Dichloropropene
 Concen: 0.928 ug/l
 RT: 10.841 min Scan# 1510
 Delta R.T. 0.006 min
 Lab File: VN081023.D
 Acq: 14 Feb 2024 13:49

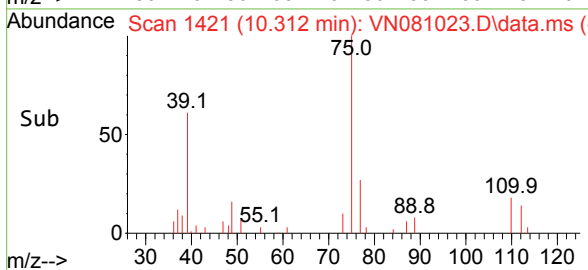
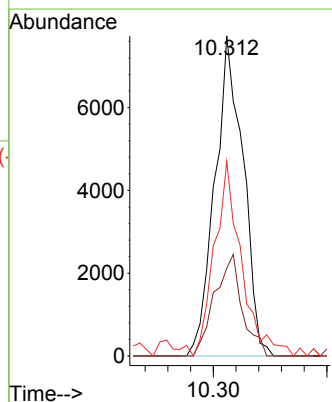
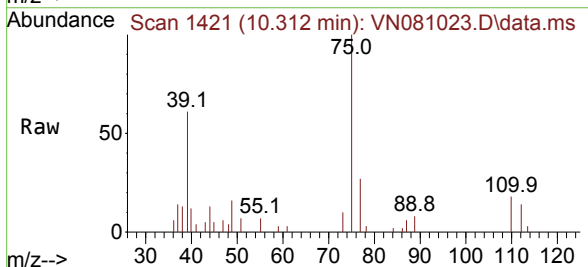
Instrument :
 MSVOA_N
 ClientSampleId :

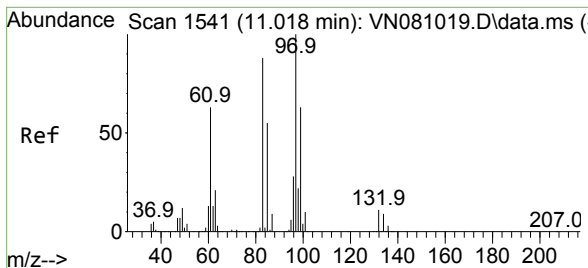
Tgt Ion: 75 Resp: 11539
 Ion Ratio Lower Upper
 75 100
 77 43.4 25.5 38.3#



#54
 cis-1,3-Dichloropropene
 Concen: 1.014 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN081023.D
 Acq: 14 Feb 2024 13:49

Tgt Ion: 75 Resp: 13341
 Ion Ratio Lower Upper
 75 100
 77 27.4 23.3 34.9
 39 58.7 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 0.939 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

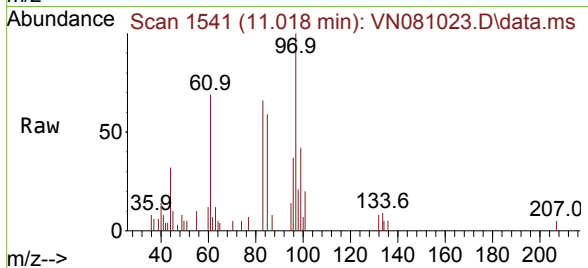
Lab File: VN081023.D

Acq: 14 Feb 2024 13:49

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 6803

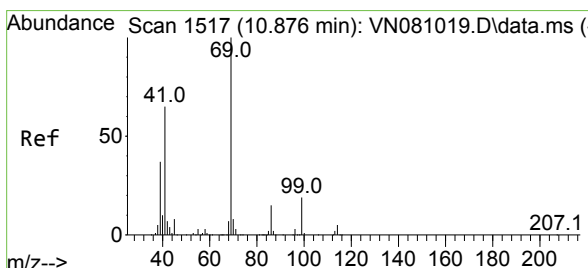
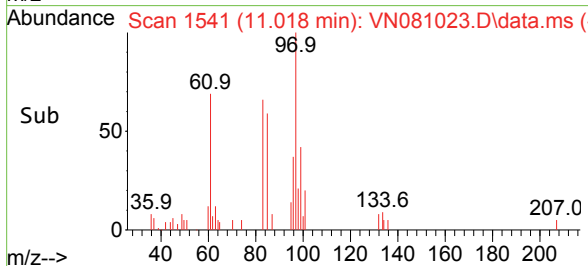
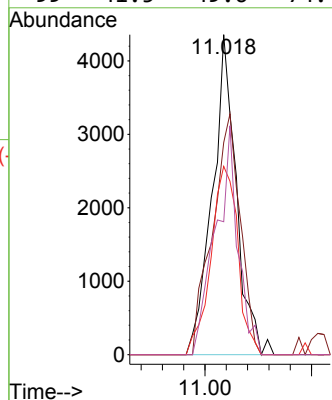
Ion Ratio Lower Upper

97 100

83 66.3 72.9 109.3#

85 58.9 50.2 75.2

99 41.5 49.6 74.4#



#56

Ethyl methacrylate

Concen: 0.978 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN081023.D

Acq: 14 Feb 2024 13:49

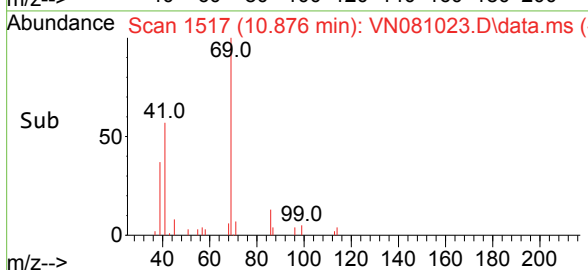
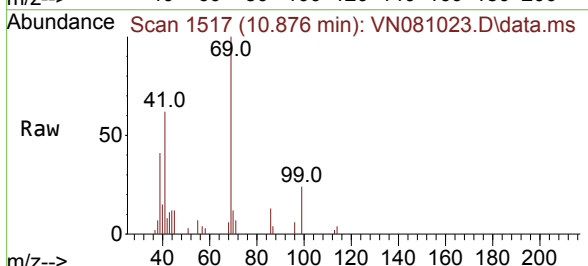
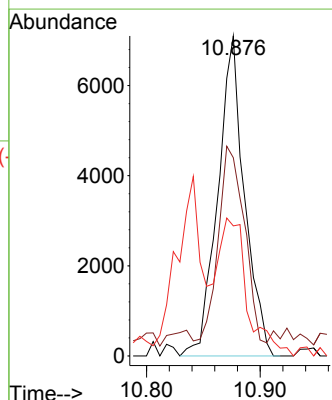
Tgt Ion: 69 Resp: 11599

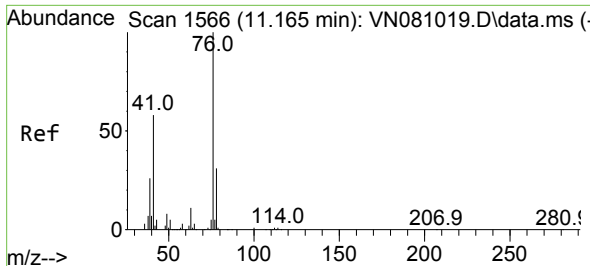
Ion Ratio Lower Upper

69 100

41 62.1 61.0 91.6

39 49.4 31.8 47.6#





#57

1,3-Dichloropropane

Concen: 1.005 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN081023.D

Acq: 14 Feb 2024 13:49

Instrument :

MSVOA_N

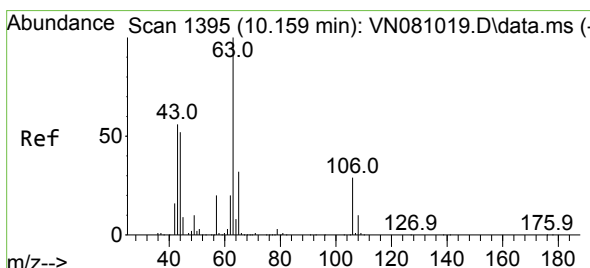
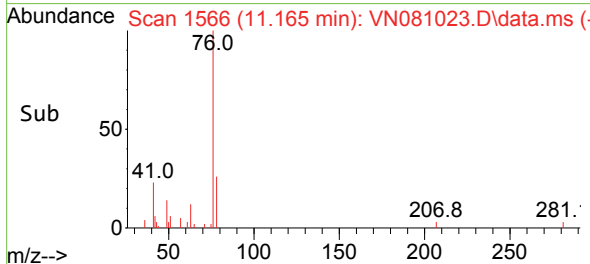
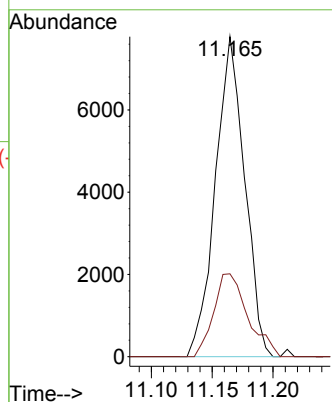
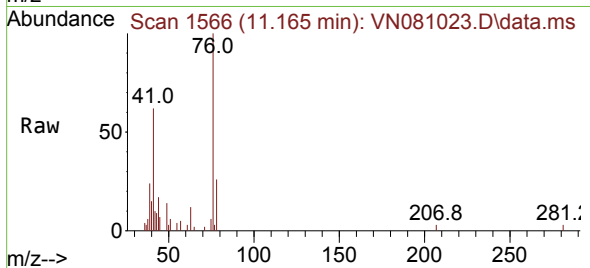
ClientSampleId :

Tgt Ion: 76 Resp: 13010

Ion Ratio Lower Upper

76 100

78 30.3 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 5.096 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN081023.D

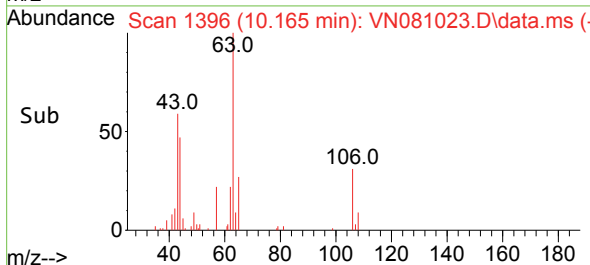
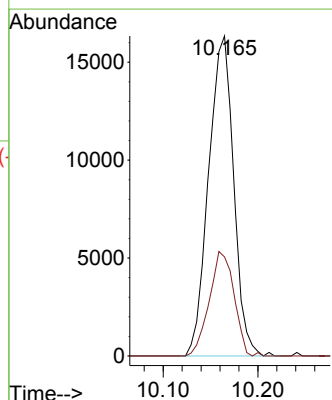
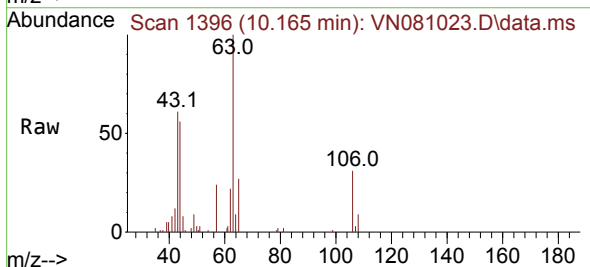
Acq: 14 Feb 2024 13:49

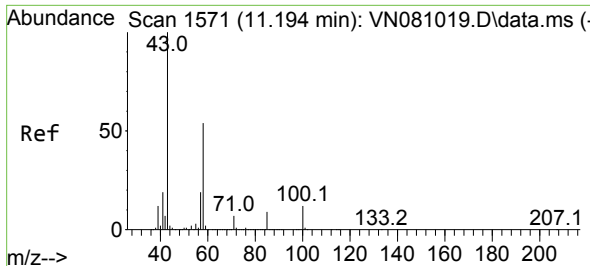
Tgt Ion: 63 Resp: 29994

Ion Ratio Lower Upper

63 100

106 32.3 18.6 28.0#

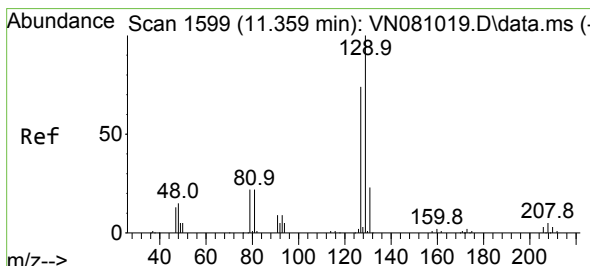
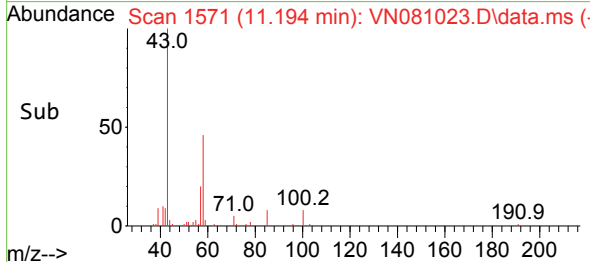
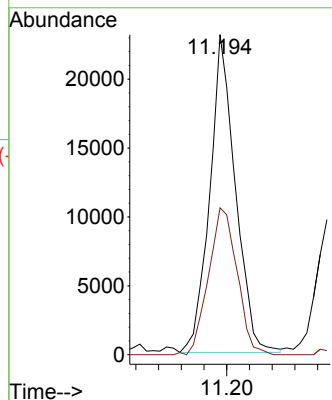
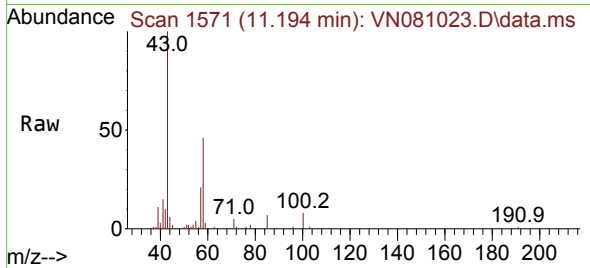




#59
2-Hexanone
Concen: 4.939 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

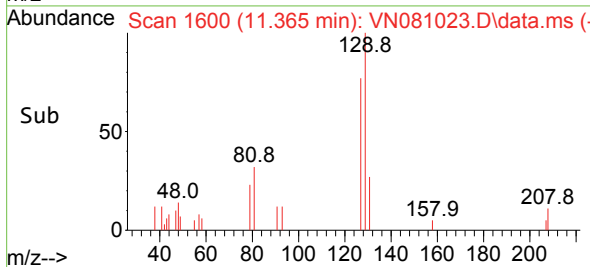
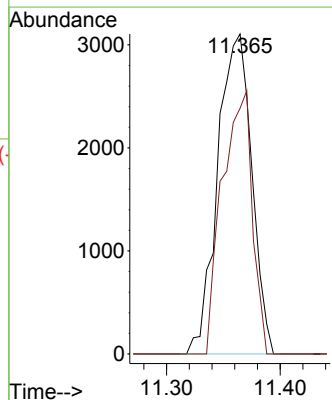
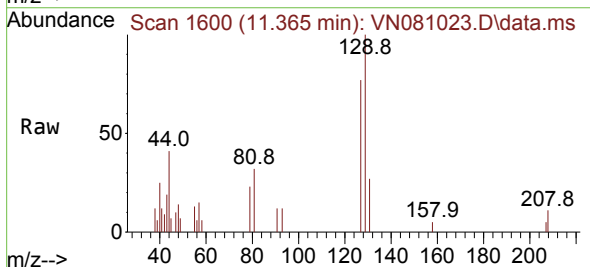
Instrument :
MSVOA_N
ClientSampleId :

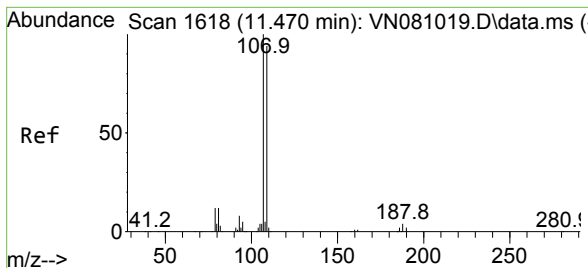
Tgt Ion: 43 Resp: 36160
Ion Ratio Lower Upper
43 100
58 51.3 25.9 77.8



#60
Dibromochloromethane
Concen: 0.939 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Tgt Ion: 129 Resp: 6469
Ion Ratio Lower Upper
129 100
127 72.1 39.4 118.2

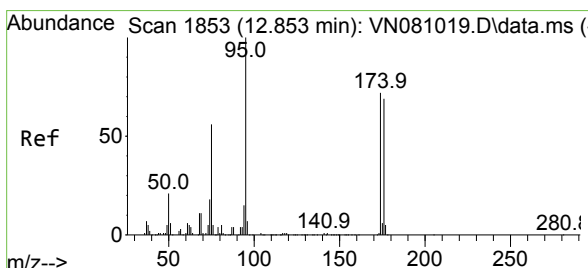
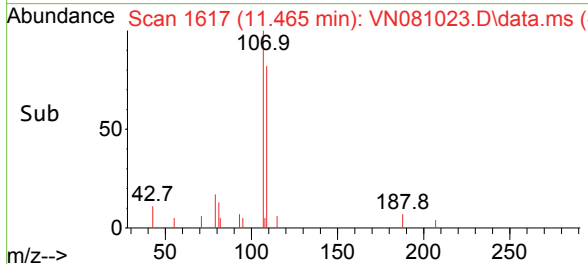
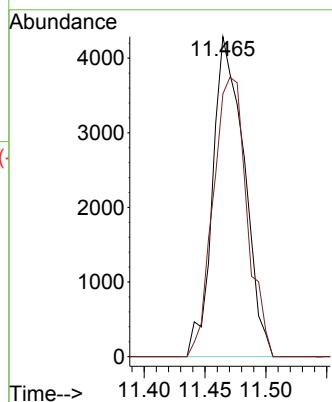
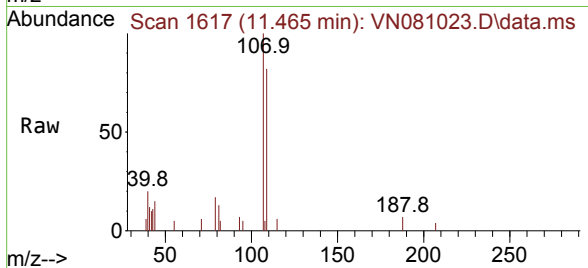




#61
1,2-Dibromoethane
Concen: 1.010 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

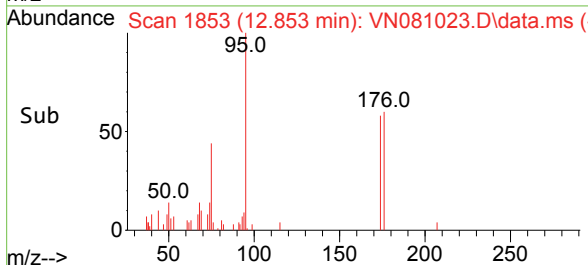
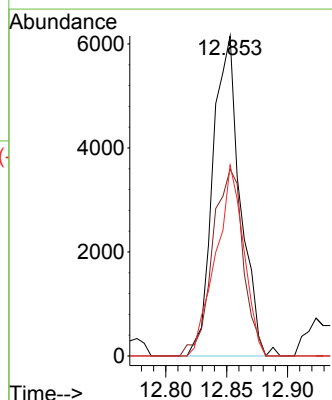
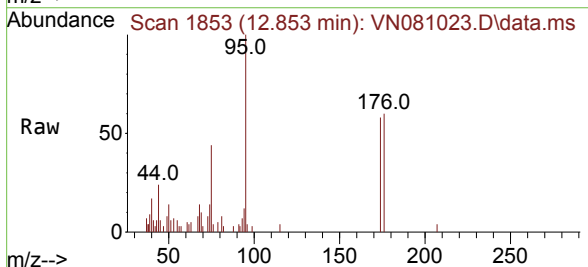
Instrument :
MSVOA_N
ClientSampleId :

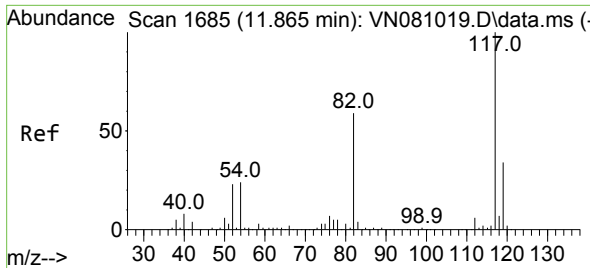
Tgt Ion:107 Resp: 7695
Ion Ratio Lower Upper
107 100
109 93.7 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 1.284 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Tgt Ion: 95 Resp: 9624
Ion Ratio Lower Upper
95 100
174 65.3 0.0 120.4
176 60.7 0.0 121.0

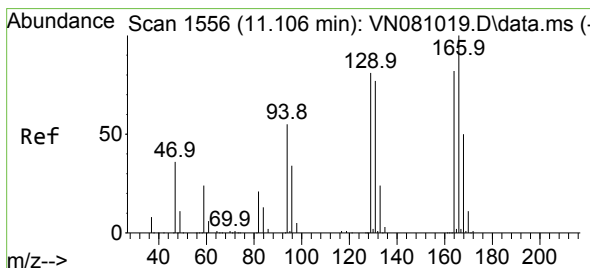
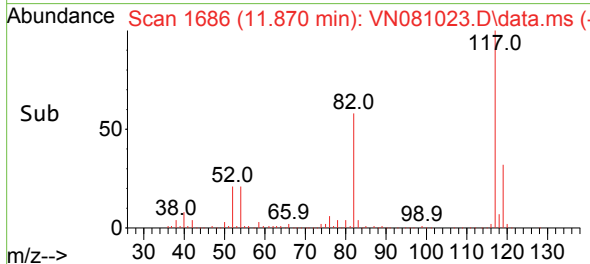
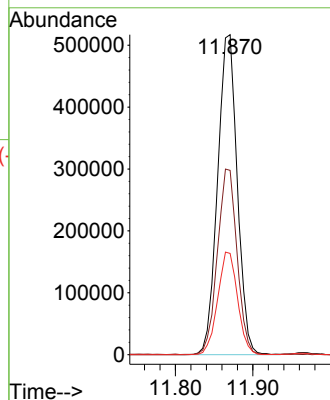
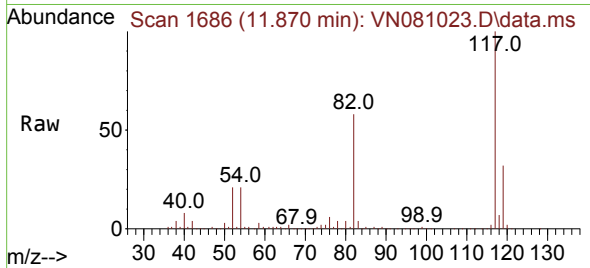




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

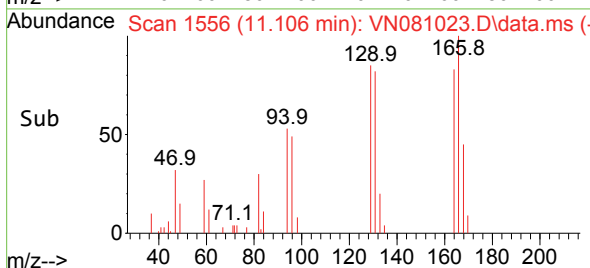
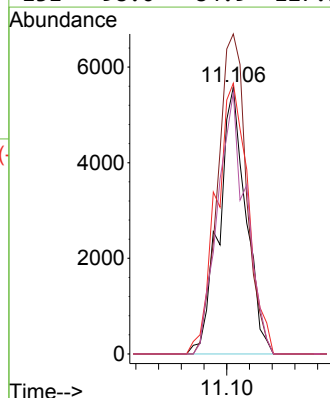
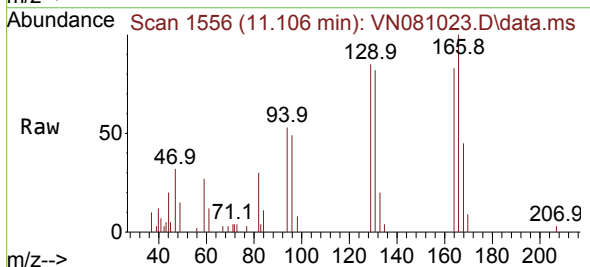
Instrument :
MSVOA_N
ClientSampleId :

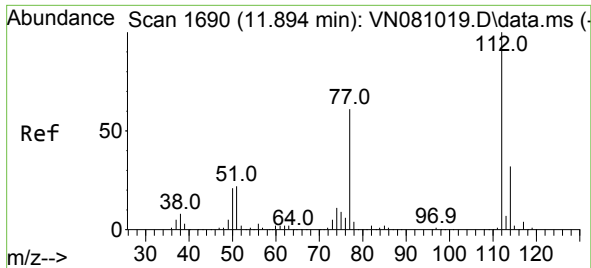
Tgt Ion:117 Resp: 912774
Ion Ratio Lower Upper
117 100
82 57.5 52.7 79.1
119 31.6 25.3 37.9



#64
Tetrachloroethene
Concen: 0.994 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Tgt Ion:164 Resp: 9245
Ion Ratio Lower Upper
164 100
166 120.0 105.8 158.6
129 101.5 89.6 134.4
131 98.0 84.9 127.3

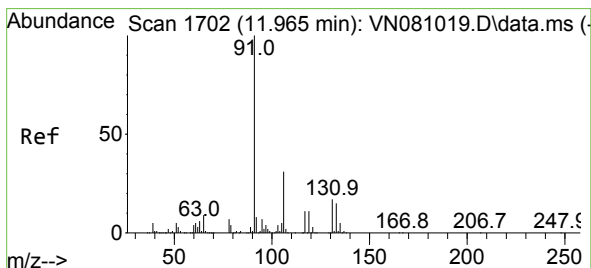
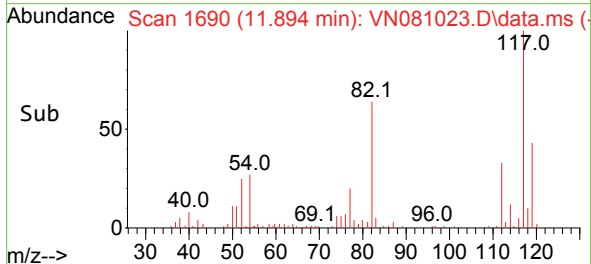
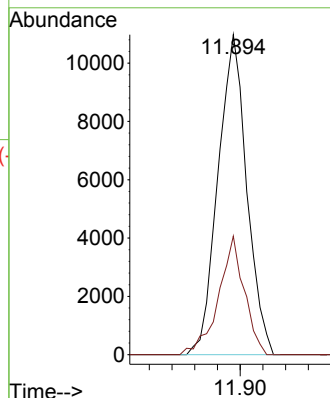
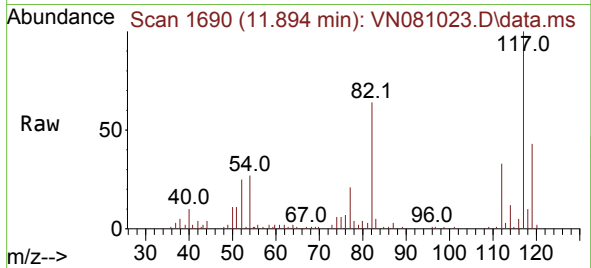




#65
Chlorobenzene
Concen: 1.008 ug/l
RT: 11.894 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

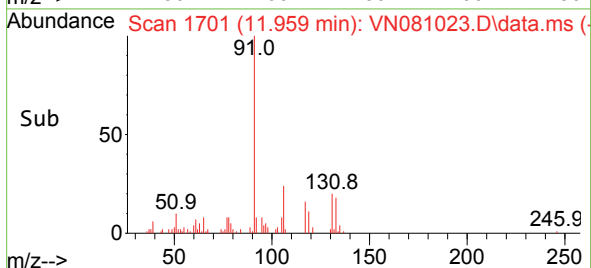
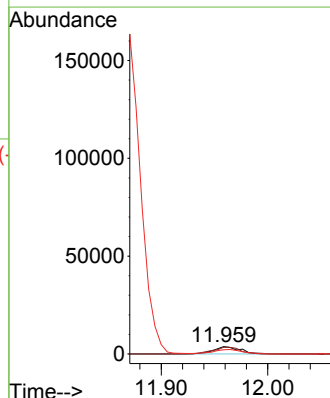
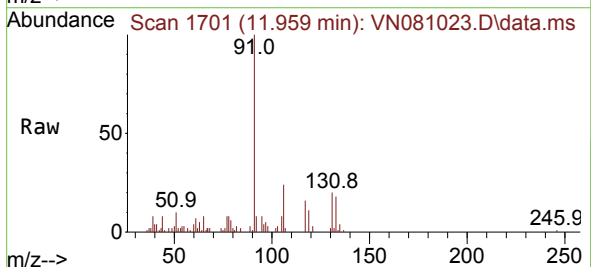
Instrument :
MSVOA_N
ClientSampleId :

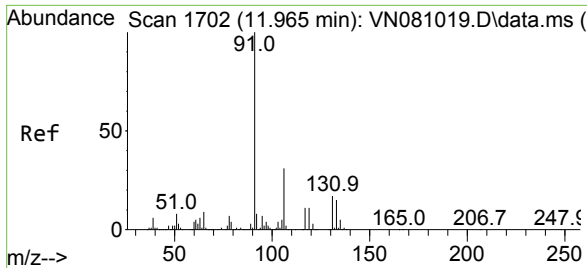
Tgt Ion:112 Resp: 19296
Ion Ratio Lower Upper
112 100
114 37.0 23.7 35.5#



#66
1,1,1,2-Tetrachloroethane
Concen: 0.985 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Tgt Ion:131 Resp: 6491
Ion Ratio Lower Upper
131 100
133 93.1 46.8 140.3
119 0.0 34.6 103.9#

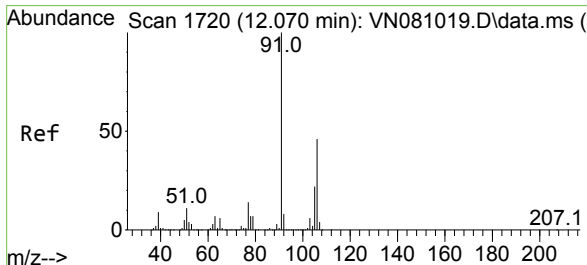
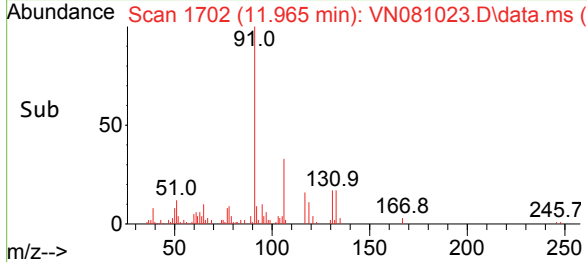
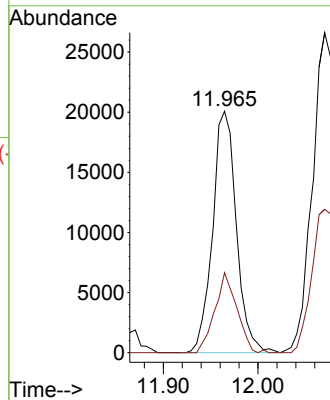
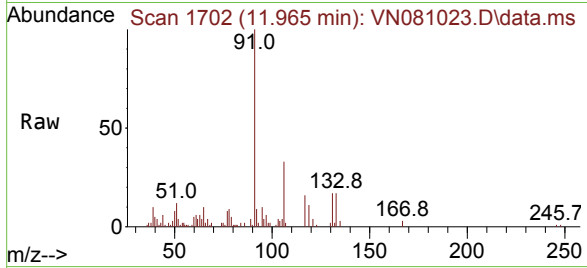




#67
Ethyl Benzene
Concen: 0.971 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

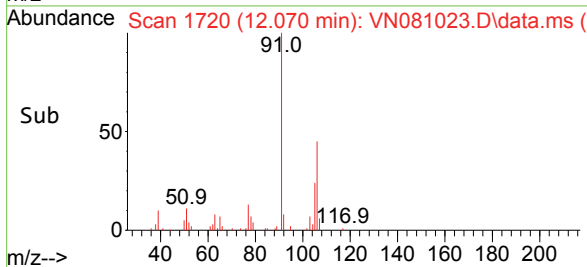
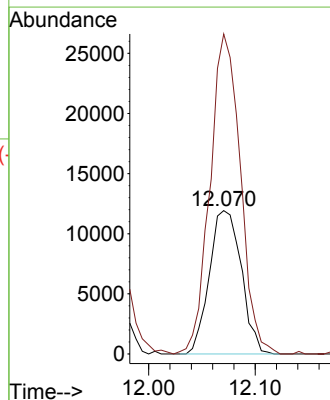
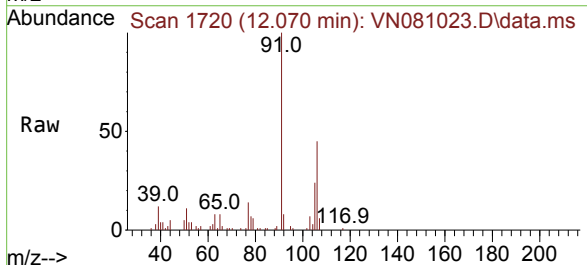
Instrument :
MSVOA_N
ClientSampleId :

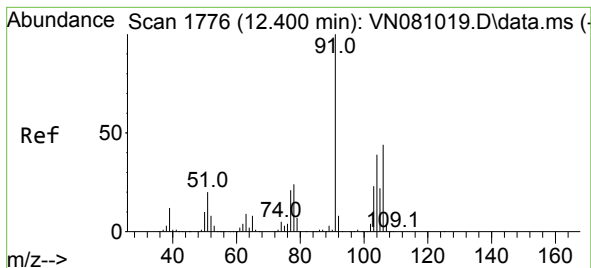
Tgt Ion: 91 Resp: 35028
Ion Ratio Lower Upper
91 100
106 33.2 23.8 35.6



#68
m/p-Xylenes
Concen: 1.866 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Tgt Ion: 106 Resp: 24831
Ion Ratio Lower Upper
106 100
91 212.4 169.0 253.6





#69

o-Xylene

Concen: 0.960 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN081023.D

Acq: 14 Feb 2024 13:49

Instrument :

MSVOA_N

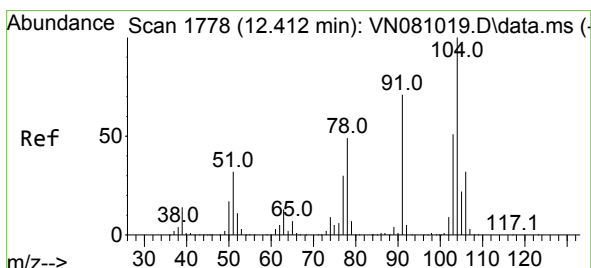
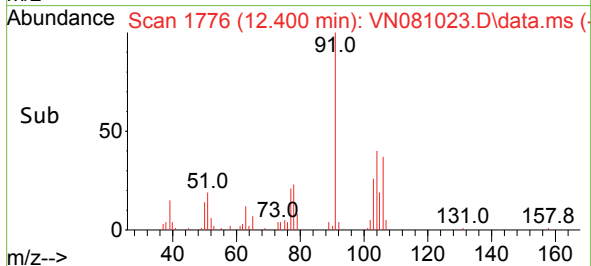
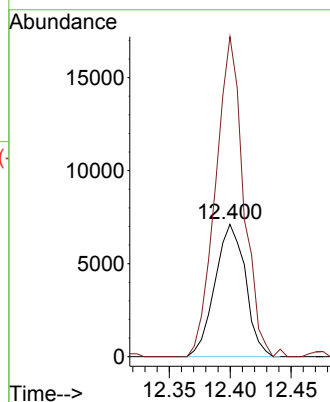
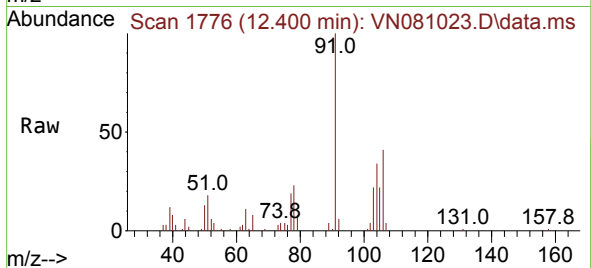
ClientSampleId :

Tgt Ion:106 Resp: 12388

Ion Ratio Lower Upper

106 100

91 223.4 112.1 336.3



#70

Styrene

Concen: 0.963 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN081023.D

Acq: 14 Feb 2024 13:49

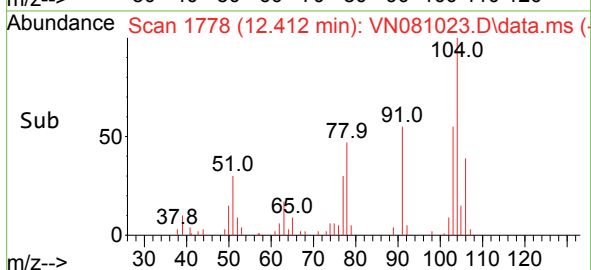
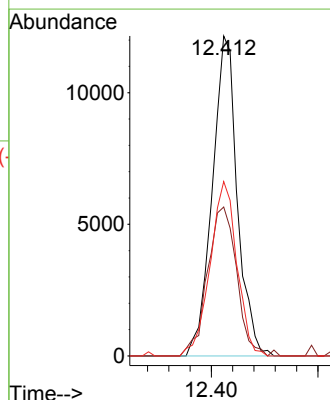
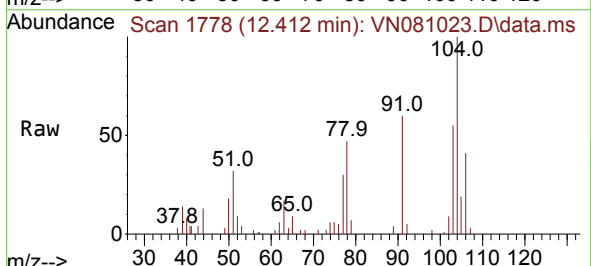
Tgt Ion:104 Resp: 19809

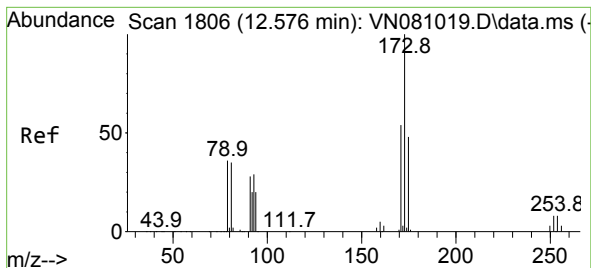
Ion Ratio Lower Upper

104 100

78 54.5 43.8 65.8

103 58.2 44.2 66.2





#71

Bromoform

Concen: 0.823 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

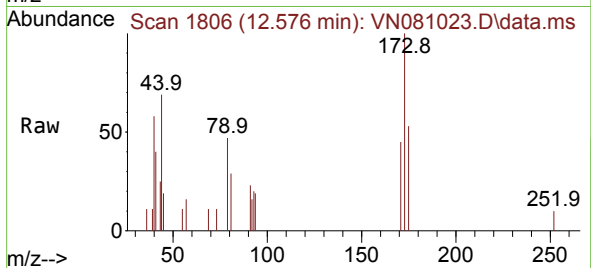
Lab File: VN081023.D

Acq: 14 Feb 2024 13:49

Instrument :

MSVOA_N

ClientSampleId :



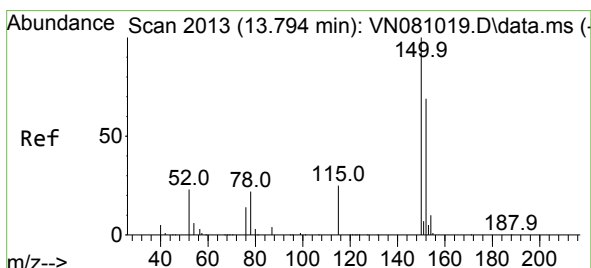
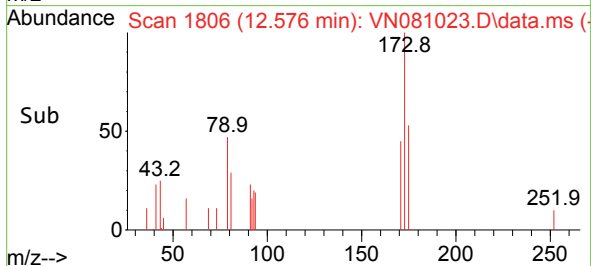
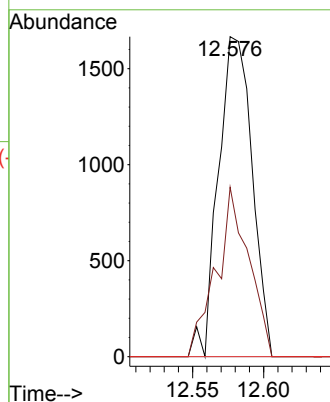
Tgt Ion:173 Resp: 2759

Ion Ratio Lower Upper

173 100

175 51.0 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: VN081023.D

Acq: 14 Feb 2024 13:49

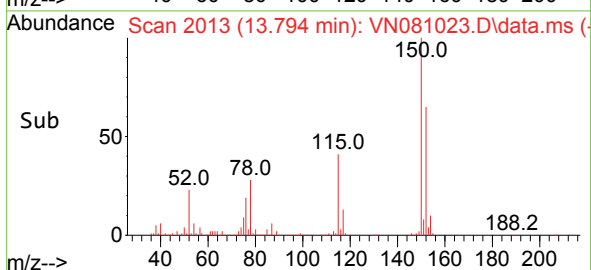
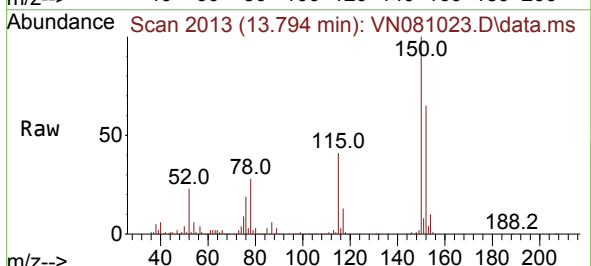
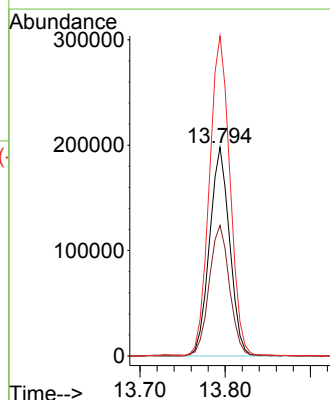
Tgt Ion:152 Resp: 323954

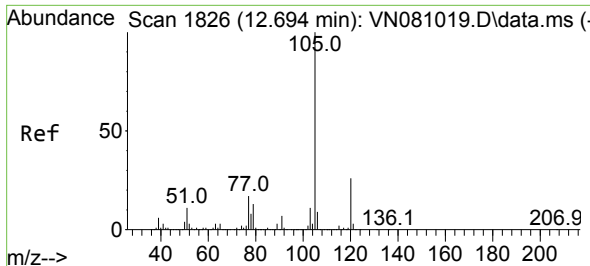
Ion Ratio Lower Upper

152 100

115 63.3 32.3 96.8

150 156.7 0.0 339.8

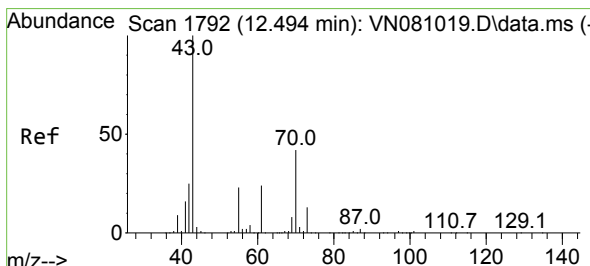
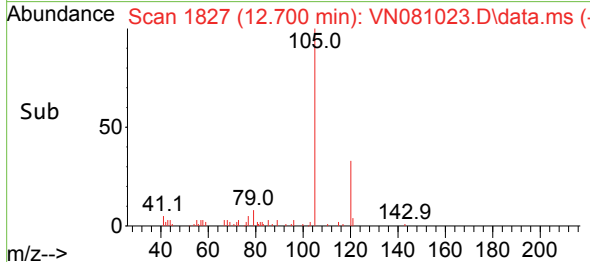
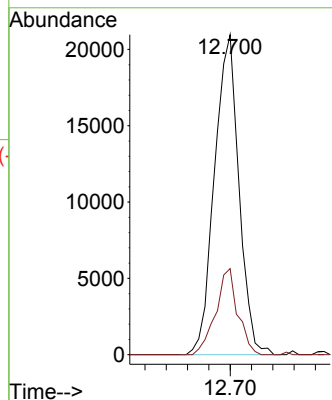
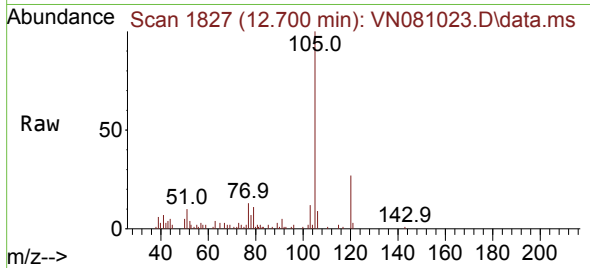




#73
Isopropylbenzene
Concen: 1.019 ug/l
RT: 12.700 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

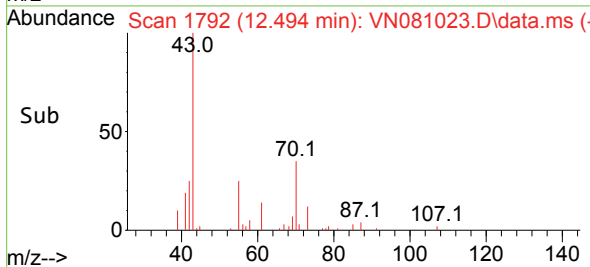
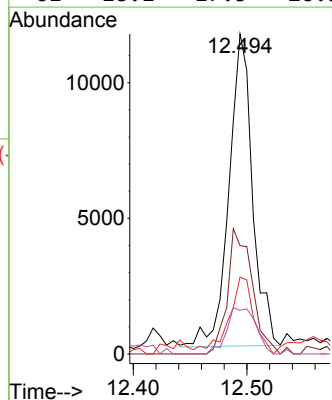
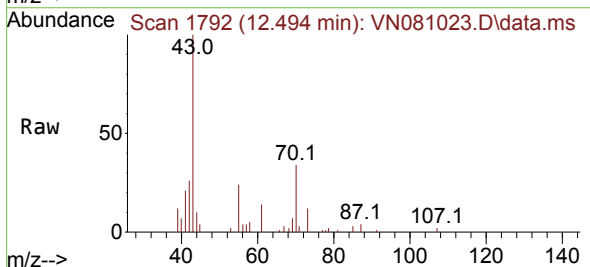
Instrument :
MSVOA_N
ClientSampleId :

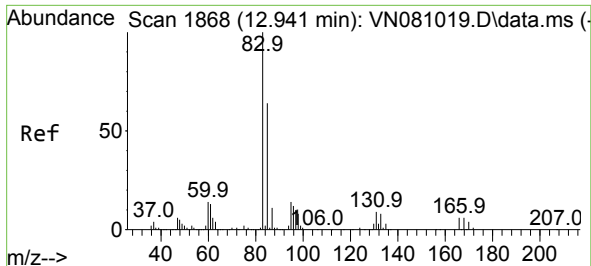
Tgt Ion:105 Resp: 33354
Ion Ratio Lower Upper
105 100
120 24.2 12.6 37.6



#74
N-ethyl acetate
Concen: 1.102 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Tgt Ion: 43 Resp: 16596
Ion Ratio Lower Upper
43 100
70 42.0 30.1 45.1
55 26.1 17.0 25.4#
61 18.1 17.5 26.3

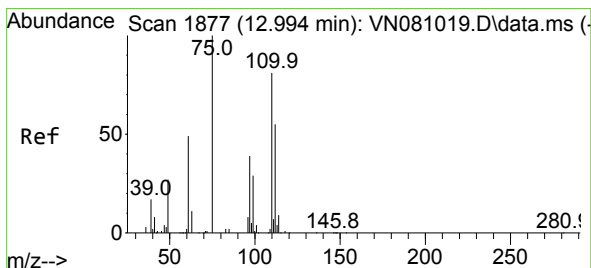
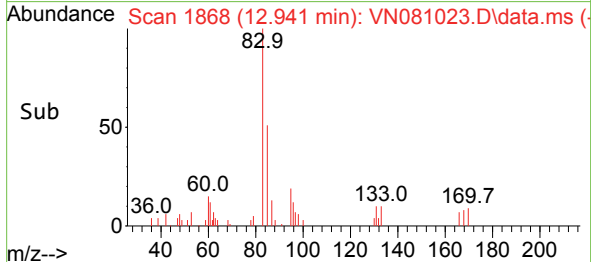
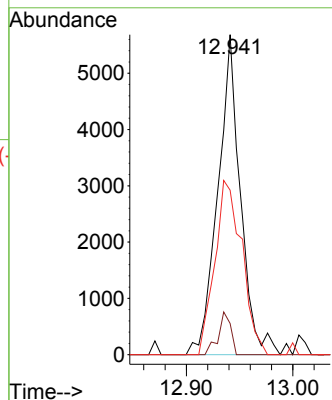
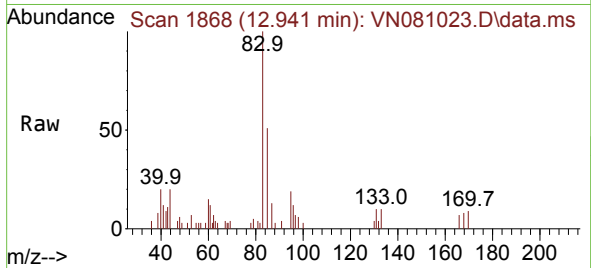




#75
 1,1,2,2-Tetrachloroethane
 Concen: 1.040 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN081023.D
 Acq: 14 Feb 2024 13:49

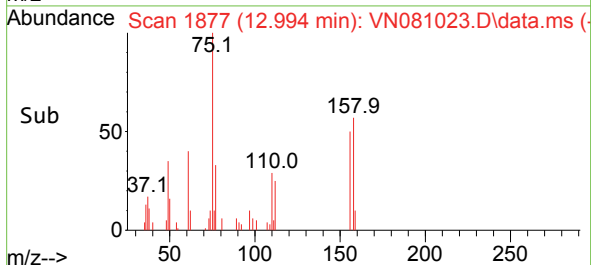
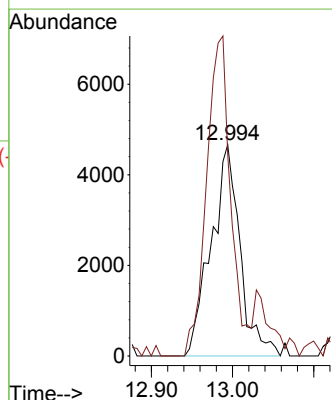
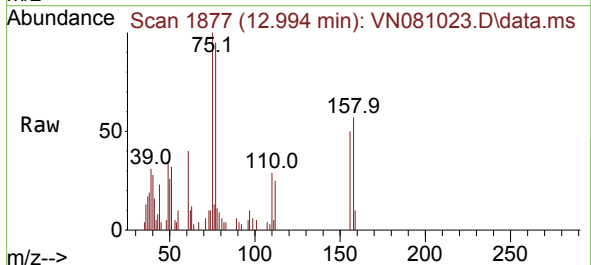
Instrument :
 MSVOA_N
 ClientSampleId :

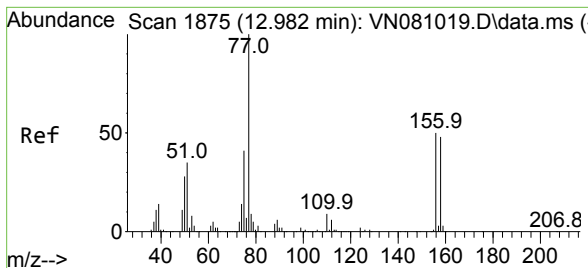
Tgt Ion: 83 Resp: 8357
 Ion Ratio Lower Upper
 83 100
 131 7.3 4.1 12.3
 85 65.4 32.1 96.3



#76
 1,2,3-Trichloropropane
 Concen: 1.610 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN081023.D
 Acq: 14 Feb 2024 13:49

Tgt Ion: 75 Resp: 11528
 Ion Ratio Lower Upper
 75 100
 77 126.7 91.0 272.8





#77

Bromobenzene

Concen: 1.054 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN081023.D

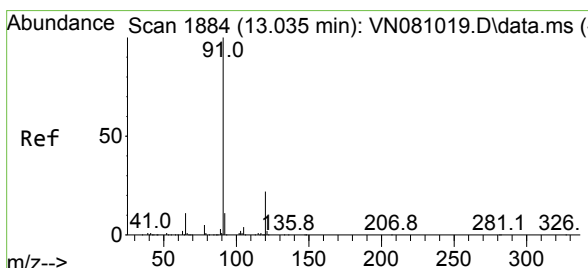
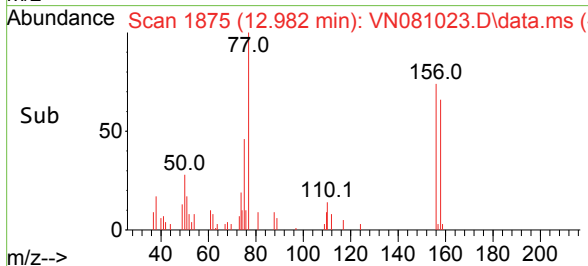
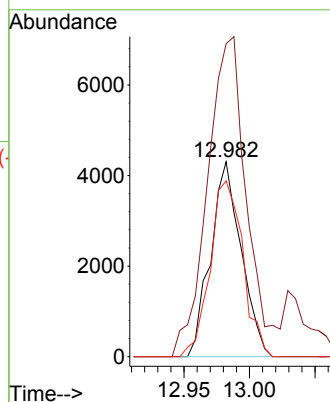
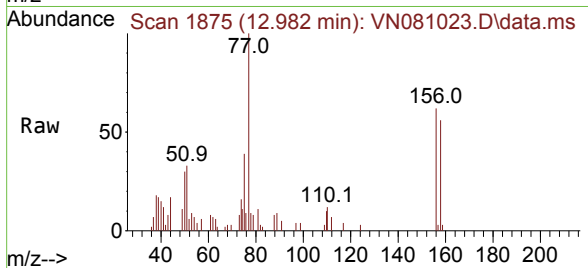
Acq: 14 Feb 2024 13:49

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	156	Resp:	6988
Ion Ratio	Lower	Upper	
156	100		
77	209.0	138.1	414.3
158	96.3	46.5	139.5



#78

n-propylbenzene

Concen: 0.962 ug/l

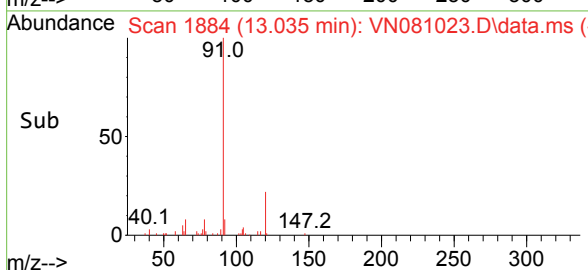
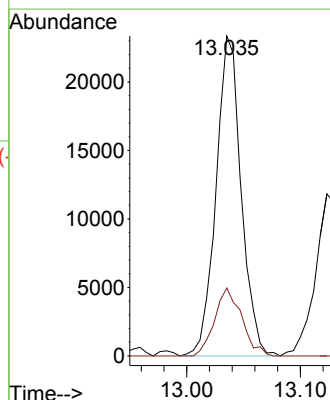
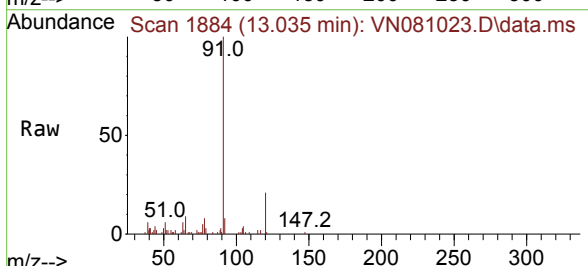
RT: 13.035 min Scan# 1884

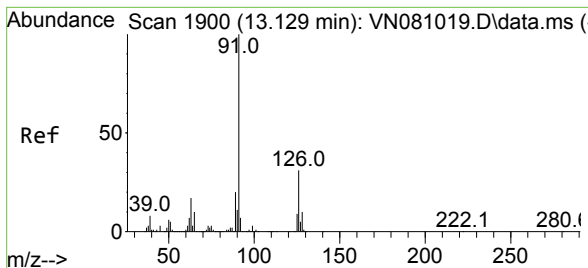
Delta R.T. 0.000 min

Lab File: VN081023.D

Acq: 14 Feb 2024 13:49

Tgt Ion:	91	Resp:	35937
Ion Ratio	Lower	Upper	
91	100		
120	22.8	10.3	30.9

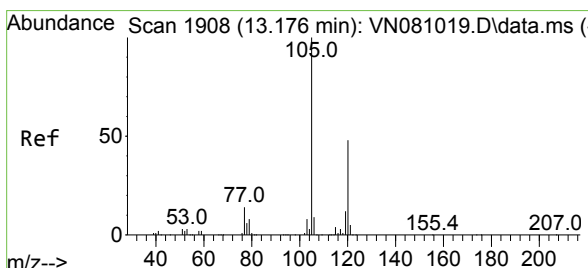
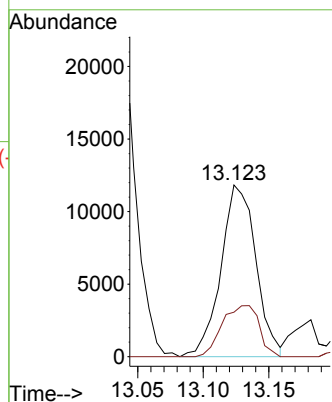
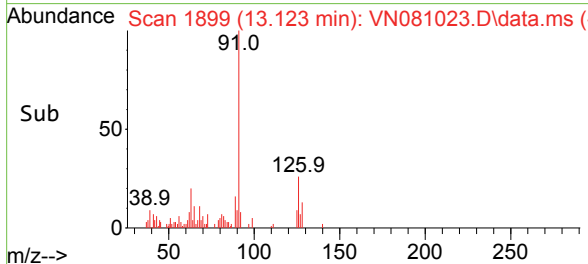
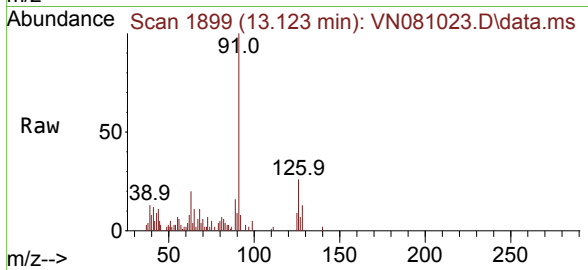




#79
2-Chlorotoluene
Concen: 1.017 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

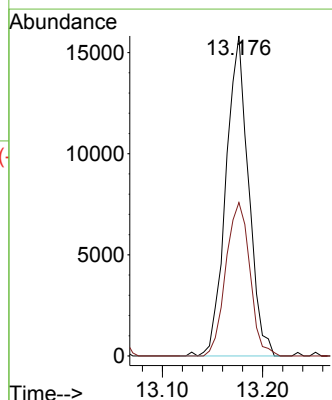
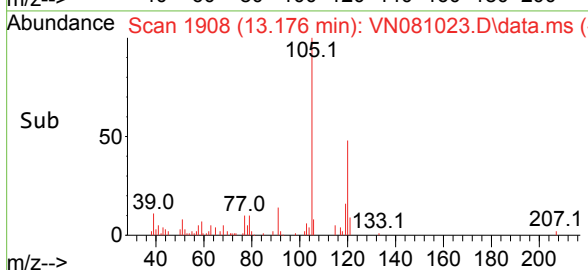
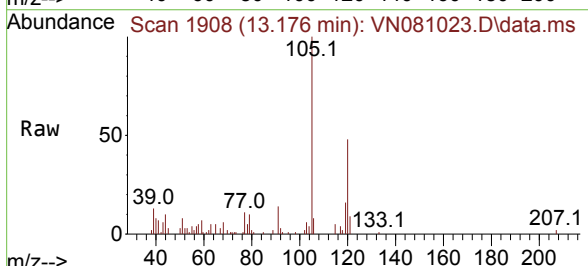
Instrument :
MSVOA_N
ClientSampleId :

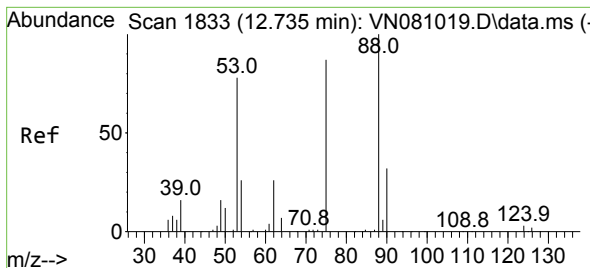
Tgt Ion: 91 Resp: 21945
Ion Ratio Lower Upper
91 100
126 31.4 14.8 44.4



#80
1,3,5-Trimethylbenzene
Concen: 0.979 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Tgt Ion: 105 Resp: 24859
Ion Ratio Lower Upper
105 100
120 50.8 23.0 69.0

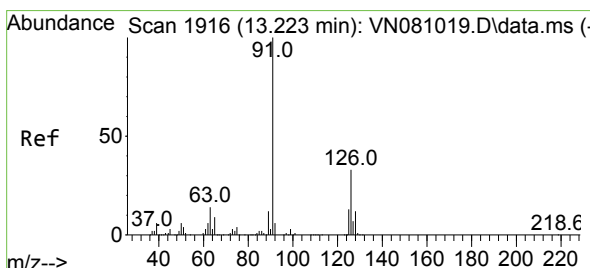
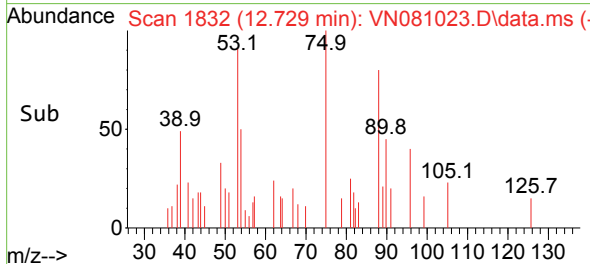
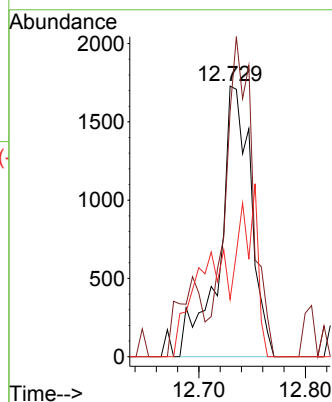
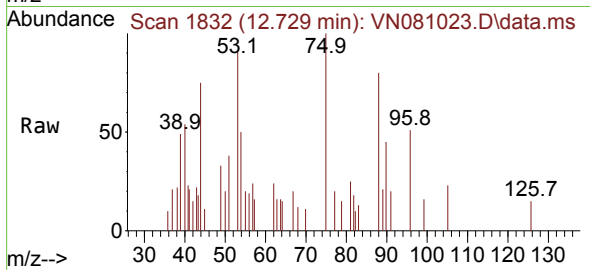




#81
trans-1,4-Dichloro-2-butene
Concen: 1.146 ug/l
RT: 12.729 min Scan# 1832
Delta R.T. -0.006 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

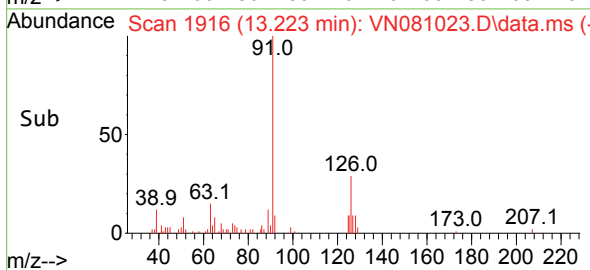
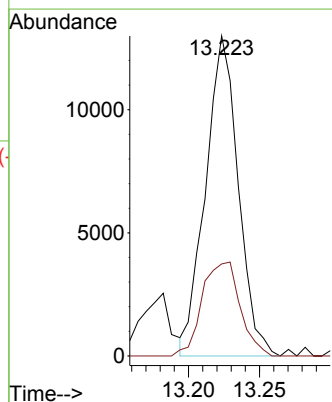
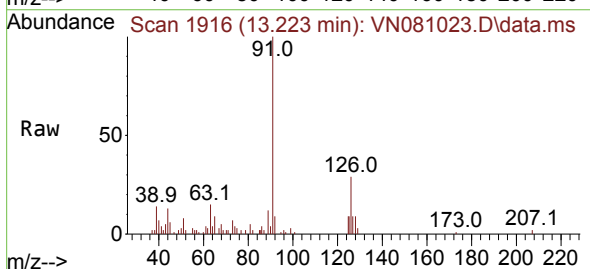
Instrument :
MSVOA_N
ClientSampleId :

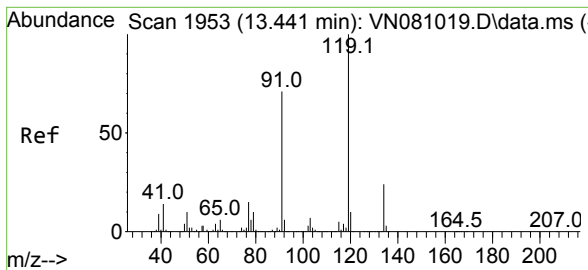
Tgt Ion: 75 Resp: 3525
Ion Ratio Lower Upper
75 100
53 101.6 71.4 107.2
89 42.9 33.4 50.0



#82
4-Chlorotoluene
Concen: 0.998 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

Tgt Ion: 91 Resp: 20803
Ion Ratio Lower Upper
91 100
126 34.1 15.3 45.9

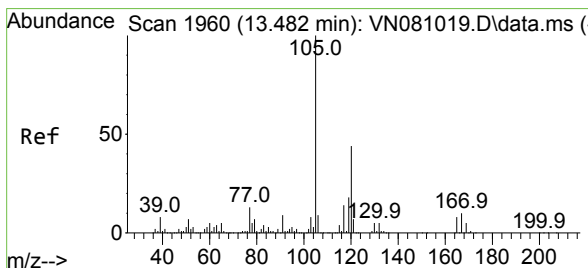
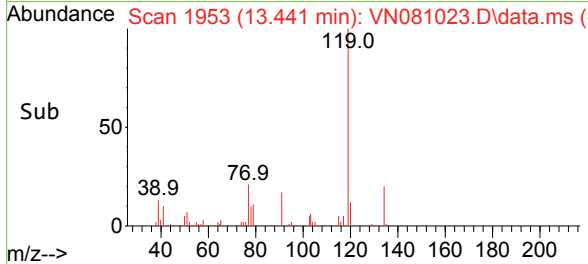
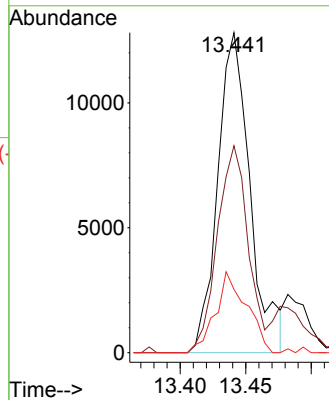
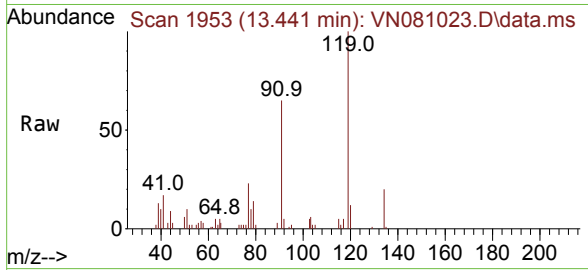




#83
 tert-Butylbenzene
 Concen: 1.013 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN081023.D
 Acq: 14 Feb 2024 13:49

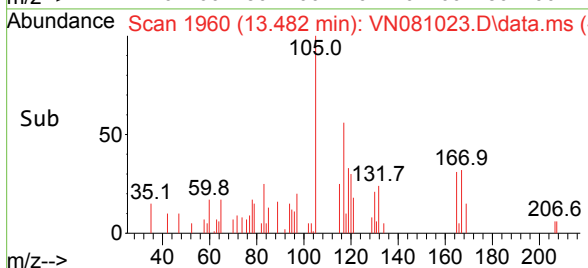
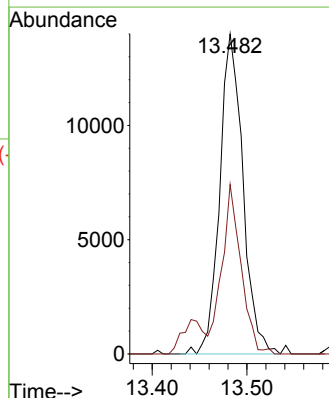
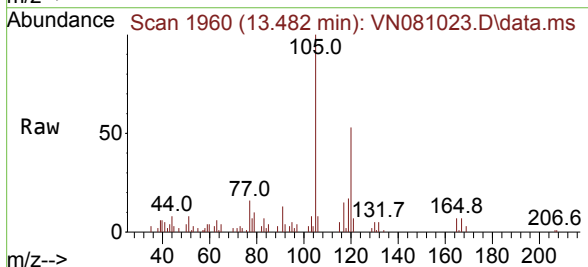
Instrument :
 MSVOA_N
 ClientSampleId :

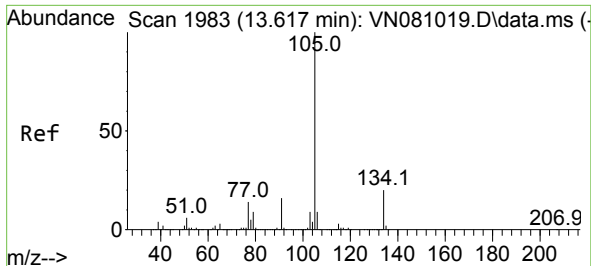
Tgt Ion:119 Resp: 22037
 Ion Ratio Lower Upper
 119 100
 91 61.3 36.8 110.4
 134 24.3 12.4 37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 0.973 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN081023.D
 Acq: 14 Feb 2024 13:49

Tgt Ion:105 Resp: 23814
 Ion Ratio Lower Upper
 105 100
 120 44.0 20.9 62.7

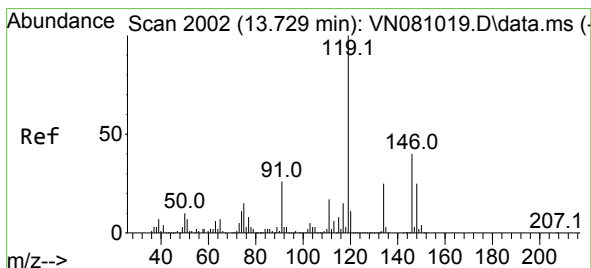
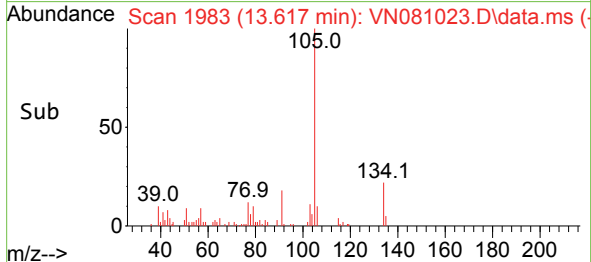
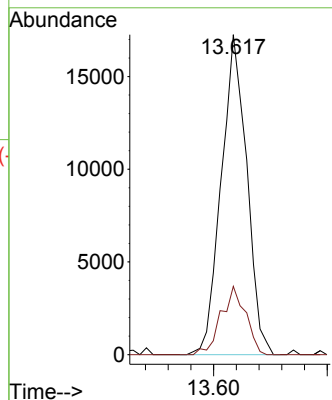
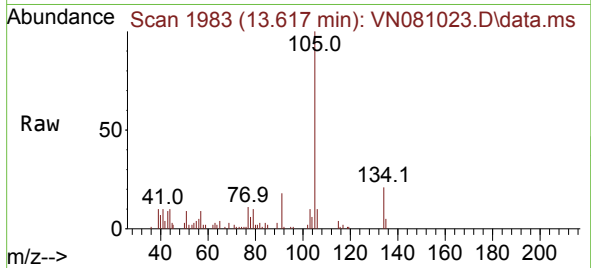




#85
 sec-Butylbenzene
 Concen: 0.903 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081023.D
 Acq: 14 Feb 2024 13:49

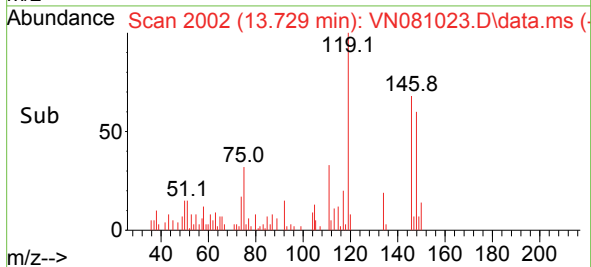
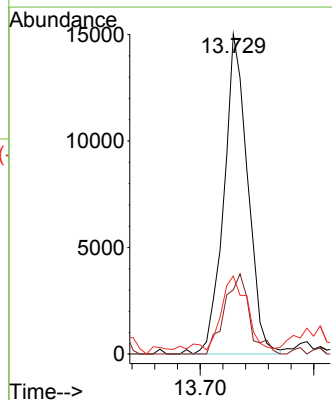
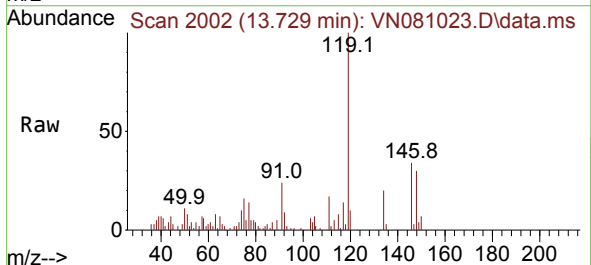
Instrument :
 MSVOA_N
 ClientSampleId :

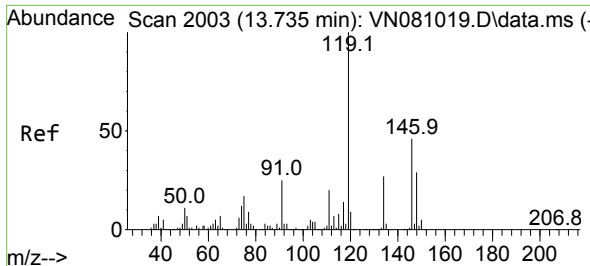
Tgt Ion:105 Resp: 26927
 Ion Ratio Lower Upper
 105 100
 134 20.6 8.6 25.8



#86
 p-Isopropyltoluene
 Concen: 0.910 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081023.D
 Acq: 14 Feb 2024 13:49

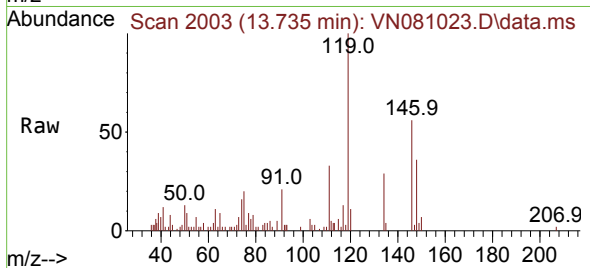
Tgt Ion:119 Resp: 21843
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.4 37.2
 91 24.9 13.5 40.4



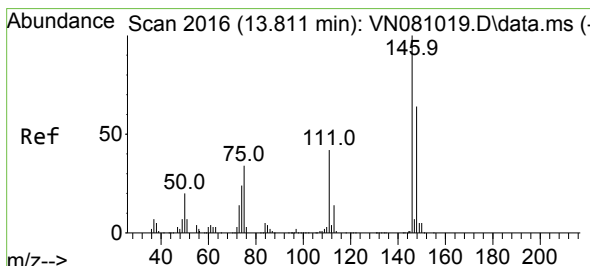
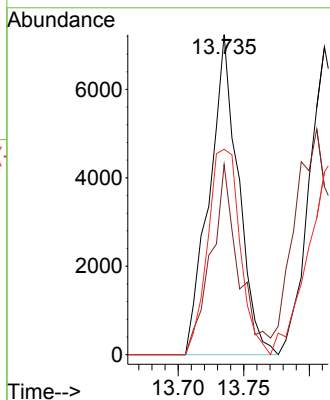
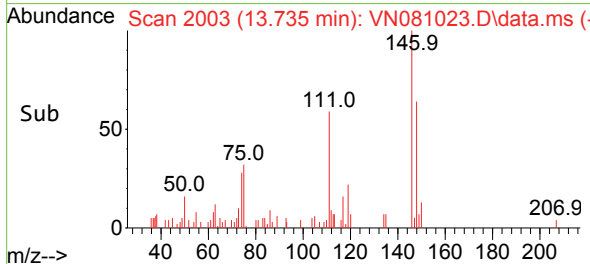


#87
1,3-Dichlorobenzene
Concen: 0.987 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49

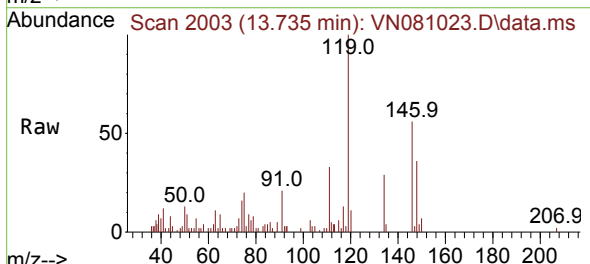
Instrument :
MSVOA_N
ClientSampleId :



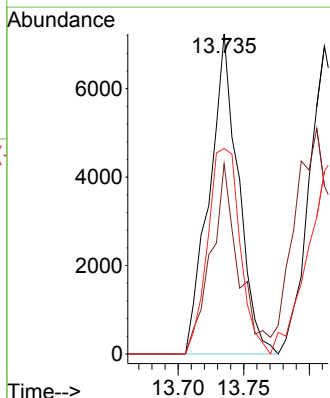
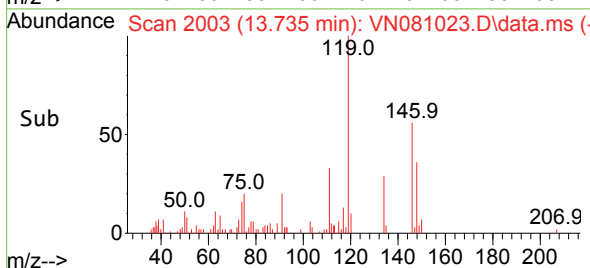
Tgt Ion:146 Resp: 11129
Ion Ratio Lower Upper
146 100
111 56.9 23.9 71.7
148 71.7 32.6 97.7

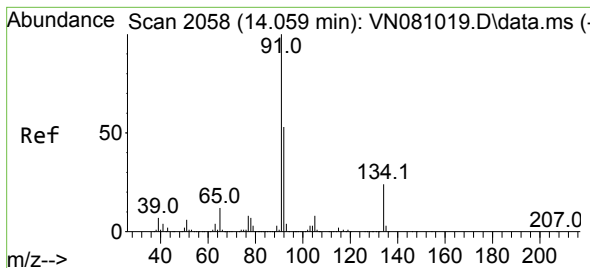


#88
1,4-Dichlorobenzene
Concen: 0.955 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.076 min
Lab File: VN081023.D
Acq: 14 Feb 2024 13:49



Tgt Ion:146 Resp: 11129
Ion Ratio Lower Upper
146 100
111 56.9 22.6 67.7
148 71.7 31.9 95.5





#89

n-Butylbenzene

Concen: 1.096 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081023.D

Acq: 14 Feb 2024 13:49

Instrument :

MSVOA_N

ClientSampleId :

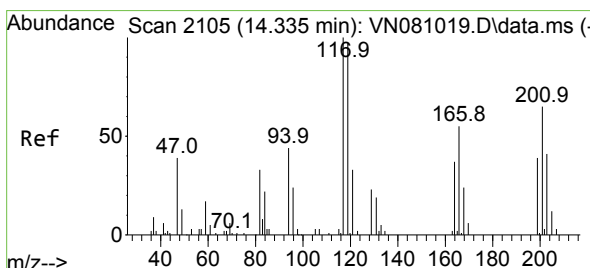
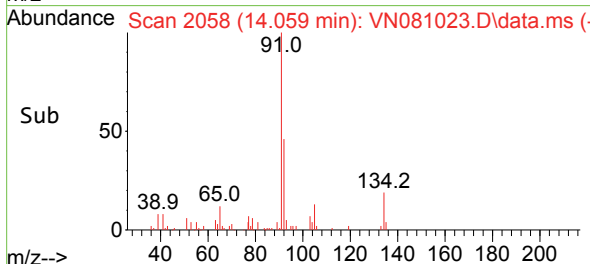
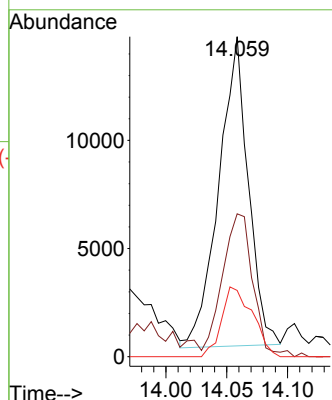
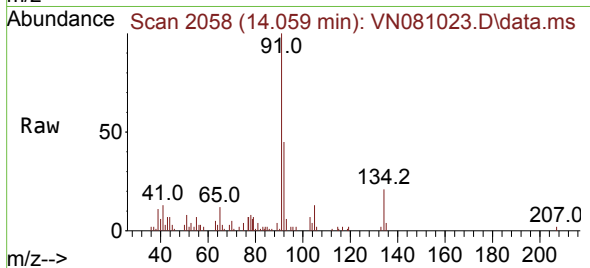
Tgt Ion: 91 Resp: 24079

Ion Ratio Lower Upper

91 100

92 48.0 26.7 80.1

134 23.6 10.8 32.4



#90

Hexachloroethane

Concen: 2.002 ug/l

RT: 14.353 min Scan# 2108

Delta R.T. 0.018 min

Lab File: VN081023.D

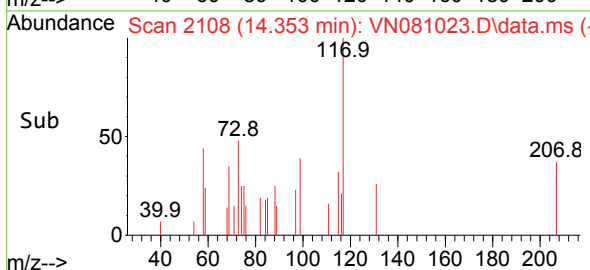
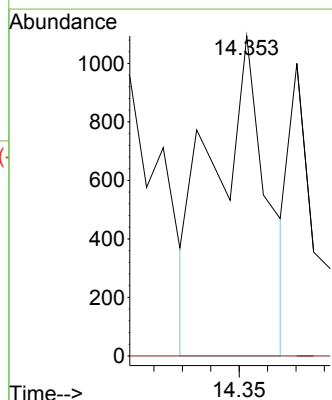
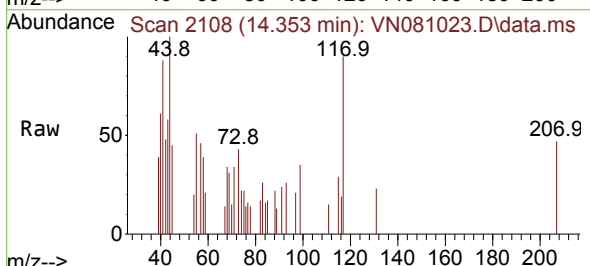
Acq: 14 Feb 2024 13:49

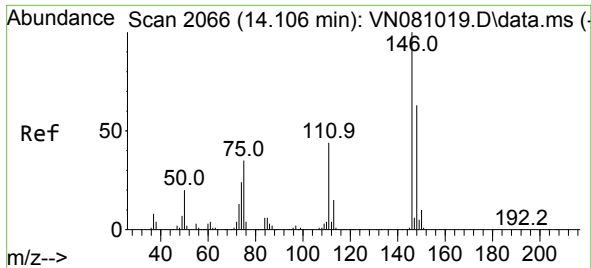
Tgt Ion: 117 Resp: 1437

Ion Ratio Lower Upper

117 100

201 0.0 30.0 90.0#

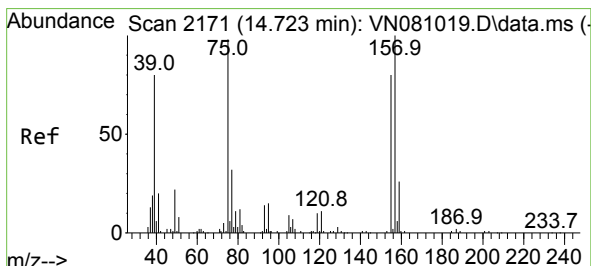
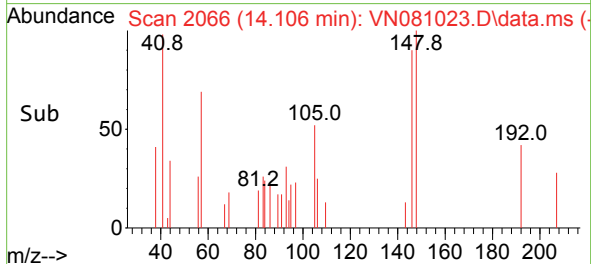
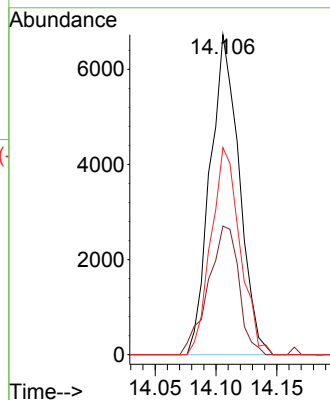
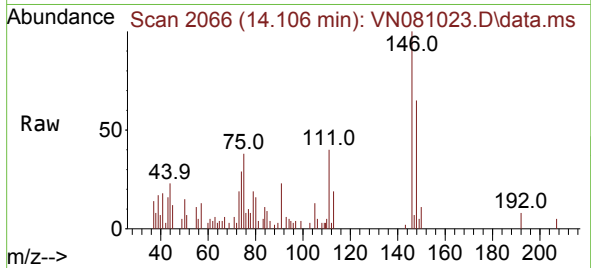




#91
 1,2-Dichlorobenzene
 Concen: 1.022 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. -0.000 min
 Lab File: VN081023.D
 Acq: 14 Feb 2024 13:49

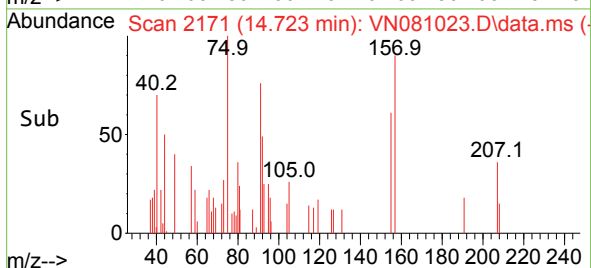
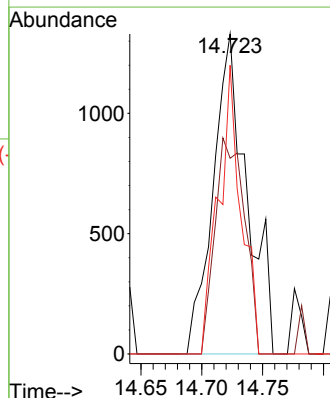
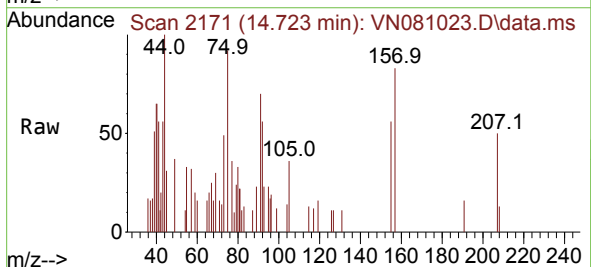
Instrument :
 MSVOA_N
 ClientSampleId :

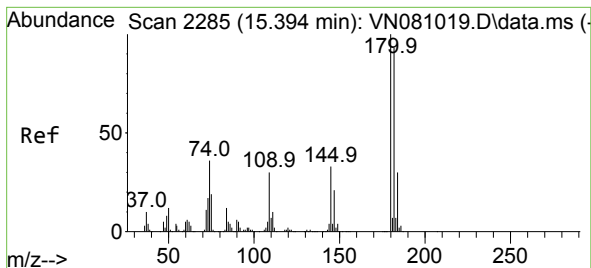
Tgt Ion:146	Resp:	11169
Ion	Ratio	Lower Upper
146	100	
111	42.3	23.9 71.8
148	64.8	31.4 94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.345 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN081023.D
 Acq: 14 Feb 2024 13:49

Tgt Ion: 75	Resp:	2562
Ion	Ratio	Lower Upper
75	100	
155	59.4	31.8 95.4
157	60.8	41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 1.045 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081023.D

Acq: 14 Feb 2024 13:49

Instrument :

MSVOA_N

ClientSampleId :

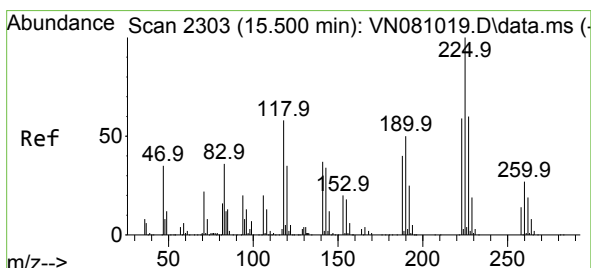
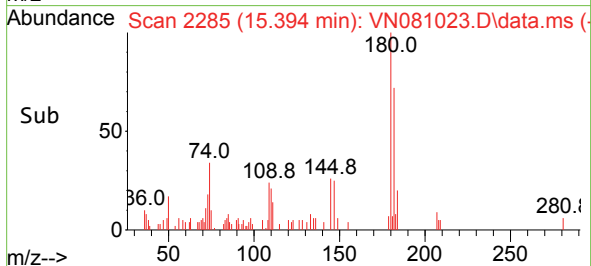
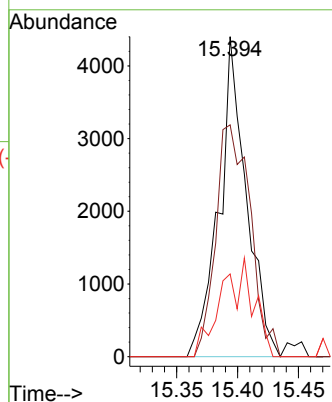
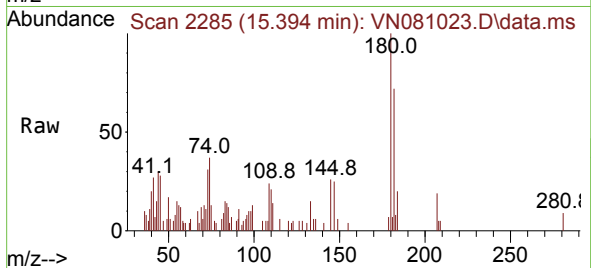
Tgt Ion:180 Resp: 6843

Ion Ratio Lower Upper

180 100

182 91.3 46.6 139.7

145 20.8 16.8 50.3



#94

Hexachlorobutadiene

Concen: 1.104 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN081023.D

Acq: 14 Feb 2024 13:49

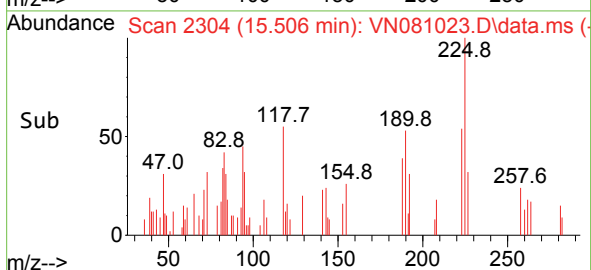
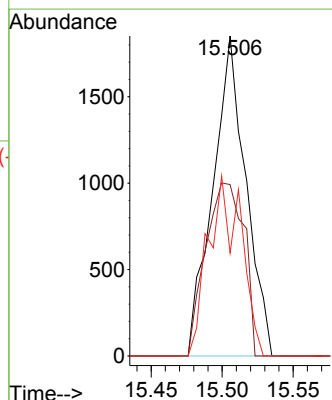
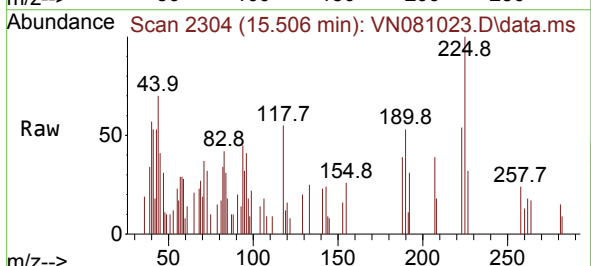
Tgt Ion:225 Resp: 2989

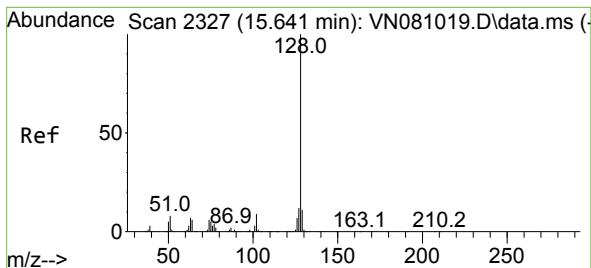
Ion Ratio Lower Upper

225 100

223 62.7 33.3 99.8

227 56.0 33.1 99.2





#95

Naphthalene

Concen: 1.072 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN081023.D

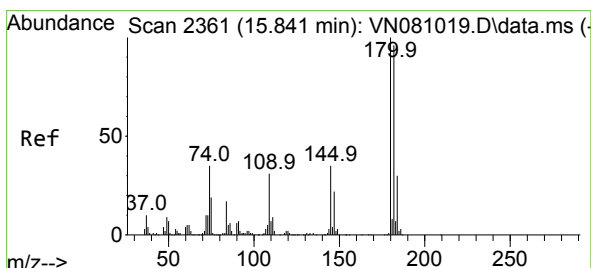
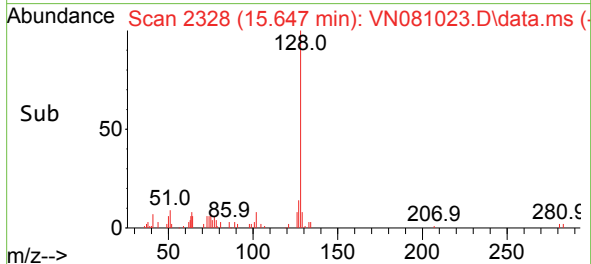
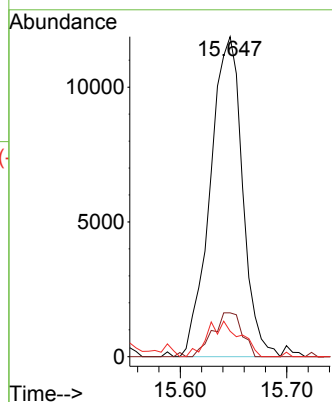
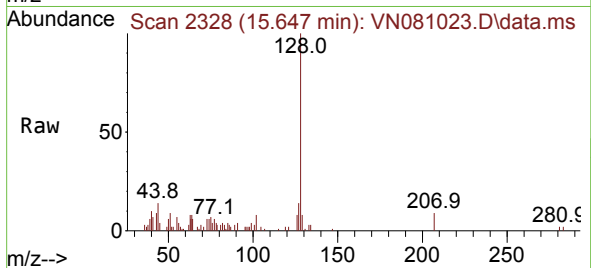
Acq: 14 Feb 2024 13:49

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:128	Resp:	24966
Ion Ratio	Lower	Upper
128	100	
127	12.5	10.0 15.0
129	11.2	8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 1.014 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN081023.D

Acq: 14 Feb 2024 13:49

Tgt Ion:180	Resp:	6506
Ion Ratio	Lower	Upper
180	100	
182	92.9	46.5 139.3
145	40.8	17.8 53.4

