

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121923\
 Data File : VN080526.D
 Acq On : 19 Dec 2023 17:32
 Operator : JC\MD
 Sample : 05873-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 20 04:05:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

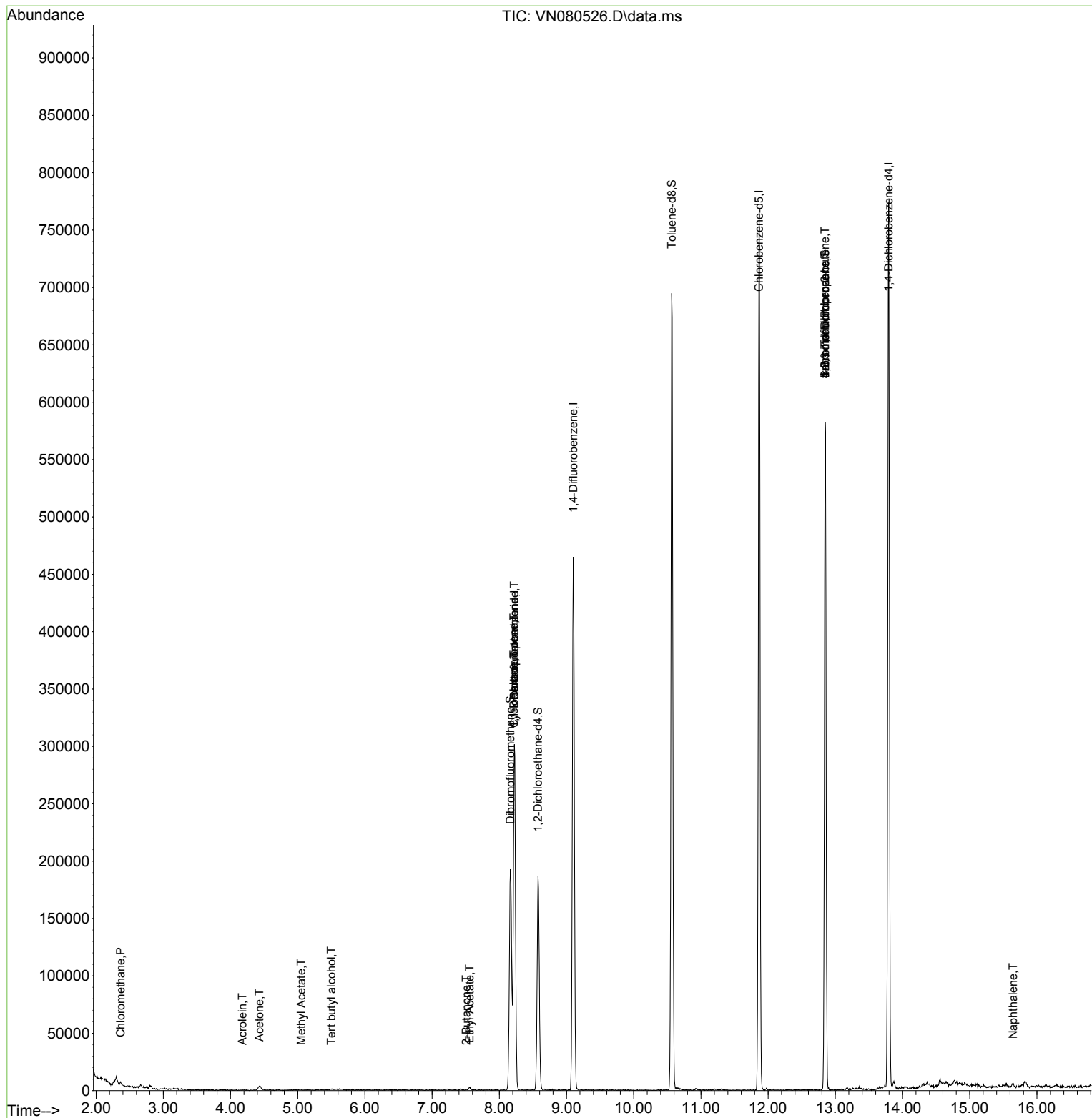
Internal Standards						
1) Pentafluorobenzene	8.224	168	214079	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	406608	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	440450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	209027	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	162958	59.598	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 119.200%			
35) Dibromofluoromethane	8.165	113	138267	53.632	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.260%			
50) Toluene-d8	10.565	98	498497	51.847	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.700%			
62) 4-Bromofluorobenzene	12.847	95	207836	56.926	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.860%			
Target Compounds						Qvalue
3) Chloromethane	2.365	50	2489	0.469	ug/l #	86
11) Tert butyl alcohol	5.500	59	600	1.863	ug/l #	72
13) Acrolein	4.177	56	116	0.329	ug/l #	1
16) Acetone	4.430	43	7374	15.210	ug/l	93
18) Methyl Acetate	5.053	43	868	0.278	ug/l #	42
25) 2-Butanone	7.506	43	715	0.766	ug/l #	37
31) Cyclohexane	8.218	56	3985	1.072	ug/l #	17
36) 1,1-Dichloropropene	8.218	75	16279	3.862	ug/l #	50
37) Ethyl Acetate	7.559	43	3458	1.310	ug/l #	82
38) Carbon Tetrachloride	8.224	117	25048	4.973	ug/l #	14
71) Bromoform	12.847	173	843	0.301	ug/l #	28
76) 1,2,3-Trichloropropane	12.847	75	113659	27.256	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	113659	71.564	ug/l #	15
95) Naphthalene	15.647	128	3941	0.338	ug/l #	81

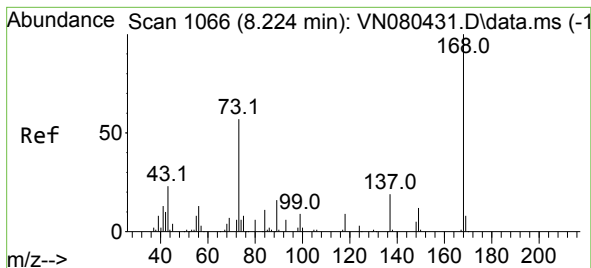
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
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QLast Update : Wed Dec 13 01:57:14 2023
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080526.D

Acq: 19 Dec 2023 17:32

Instrument :

MSVOA_N

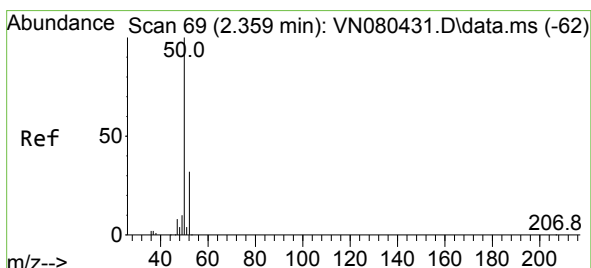
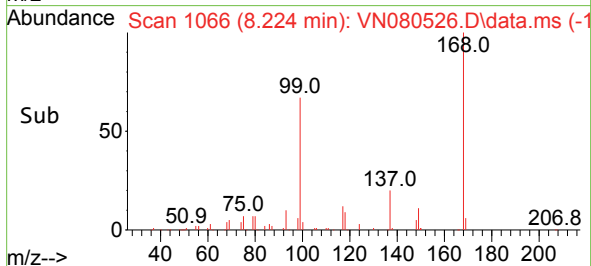
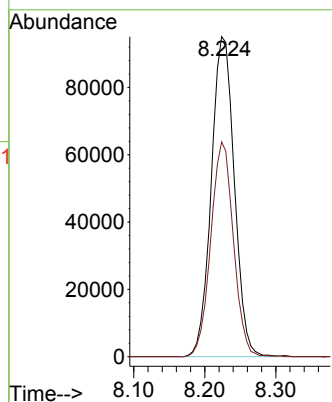
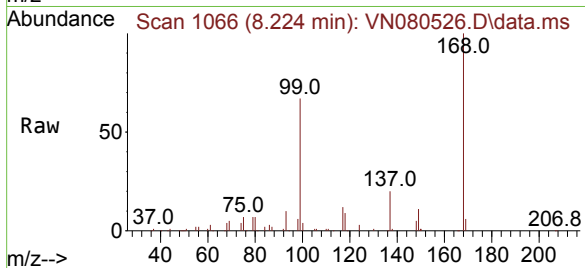
ClientSampleId :

Tgt Ion:168 Resp: 214079

Ion Ratio Lower Upper

168 100

99 67.1 53.0 79.6



#3

Chloromethane

Concen: 0.469 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN080526.D

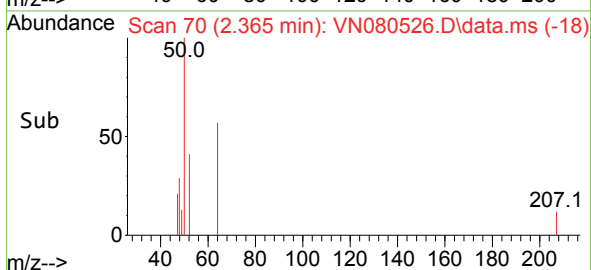
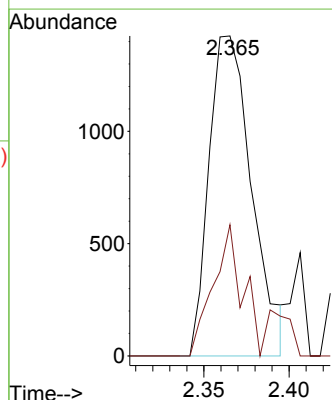
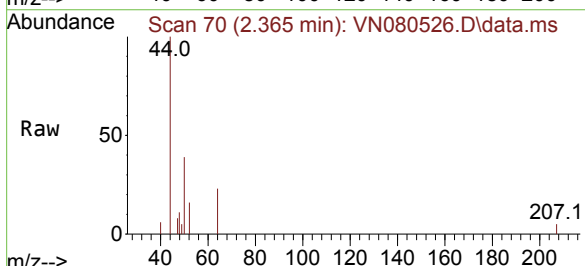
Acq: 19 Dec 2023 17:32

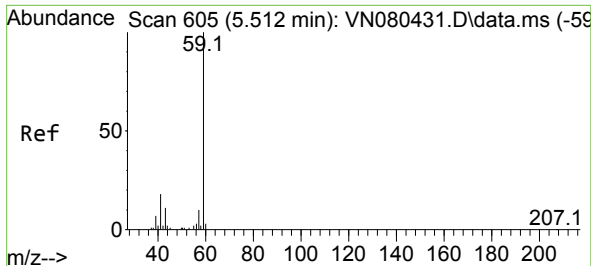
Tgt Ion: 50 Resp: 2489

Ion Ratio Lower Upper

50 100

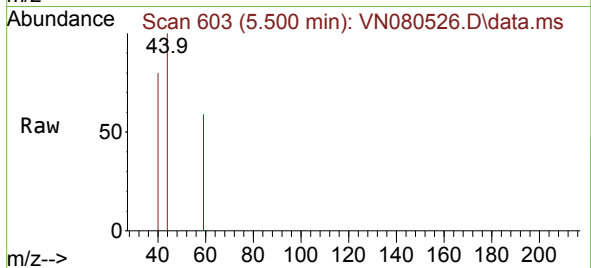
52 41.0 26.5 39.7#



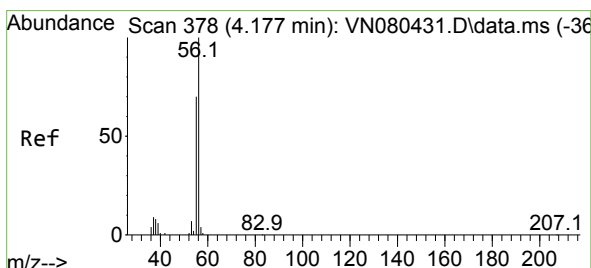
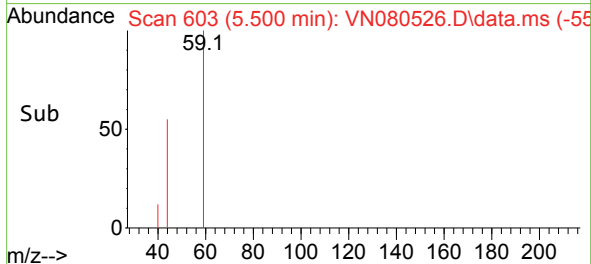
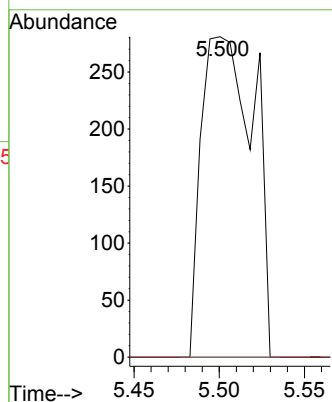


#11
Tert butyl alcohol
Concen: 1.863 ug/l
RT: 5.500 min Scan# 605
Delta R.T. -0.012 min
Lab File: VN080526.D
Acq: 19 Dec 2023 17:32

Instrument :
MSVOA_N
ClientSampleId :

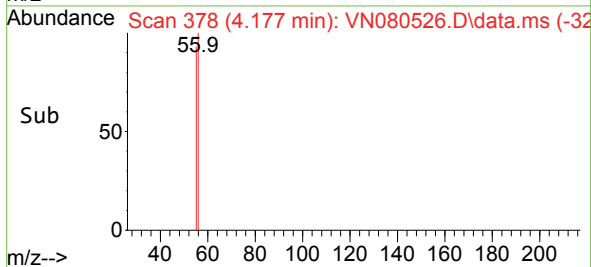
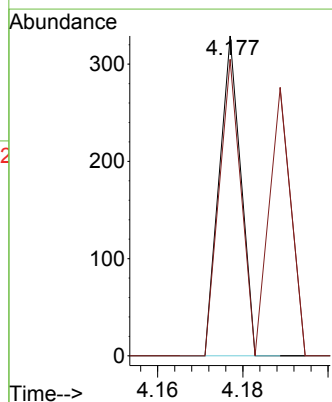
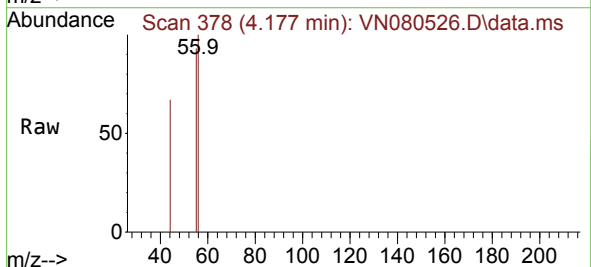


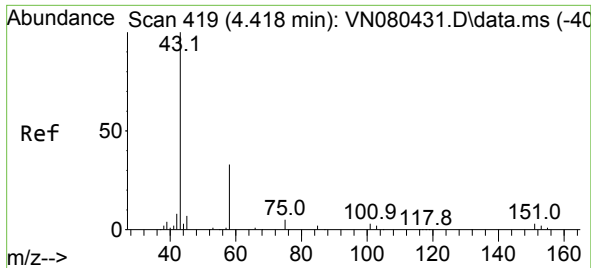
Tgt Ion: 59 Resp: 600
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 0.329 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN080526.D
Acq: 19 Dec 2023 17:32

Tgt Ion: 56 Resp: 116
Ion Ratio Lower Upper
56 100
55 176.7 54.5 81.7#

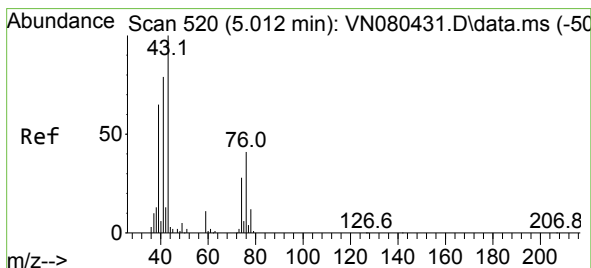
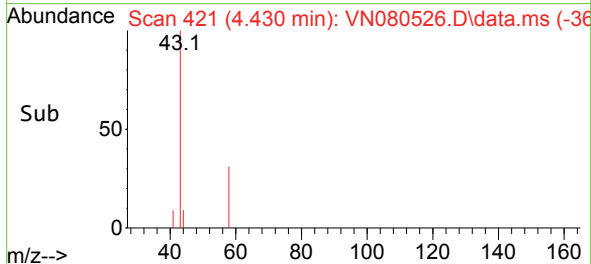
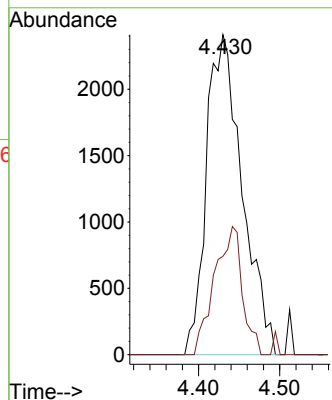
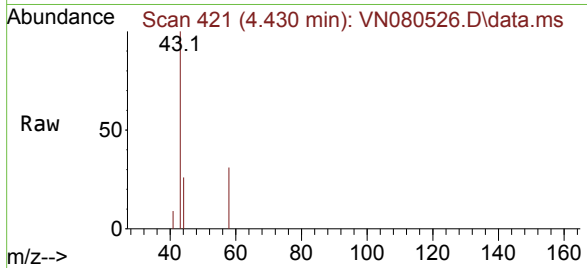




#16
Acetone
Concen: 15.210 ug/l
RT: 4.430 min Scan# 419
Delta R.T. 0.012 min
Lab File: VN080526.D
Acq: 19 Dec 2023 17:32

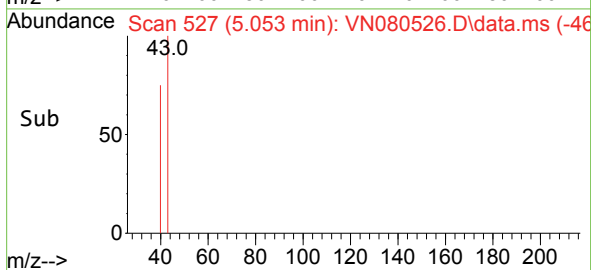
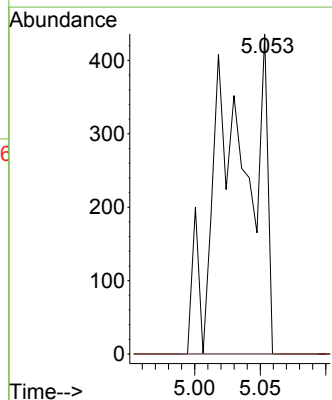
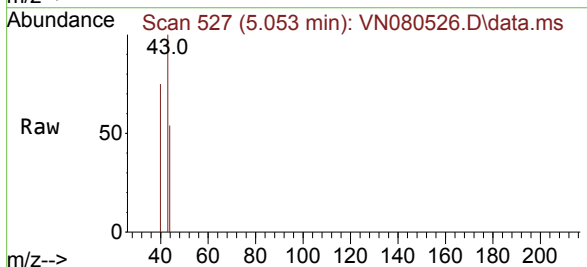
Instrument :
MSVOA_N
ClientSampleId :

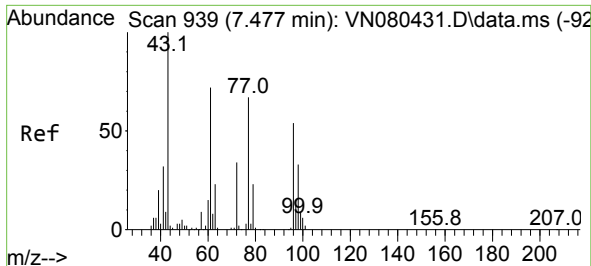
Tgt Ion: 43 Resp: 7374
Ion Ratio Lower Upper
43 100
58 30.8 28.0 42.0



#18
Methyl Acetate
Concen: 0.278 ug/l
RT: 5.053 min Scan# 527
Delta R.T. 0.041 min
Lab File: VN080526.D
Acq: 19 Dec 2023 17:32

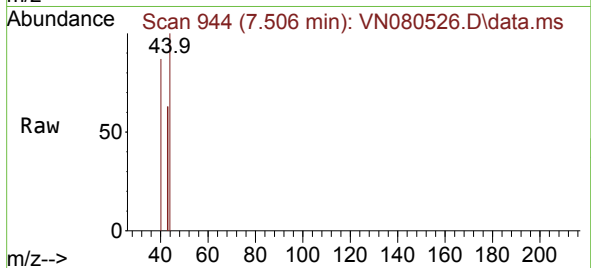
Tgt Ion: 43 Resp: 868
Ion Ratio Lower Upper
43 100
74 0.0 26.2 39.4#



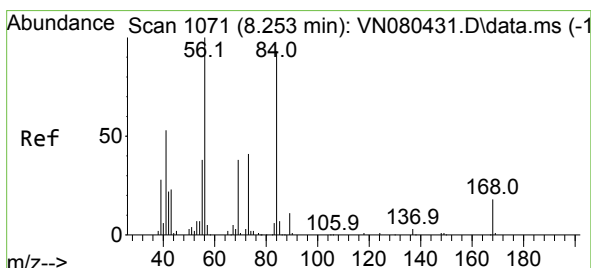
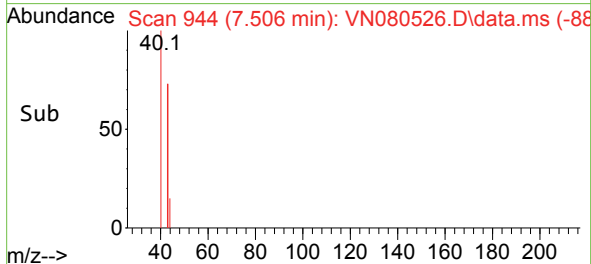
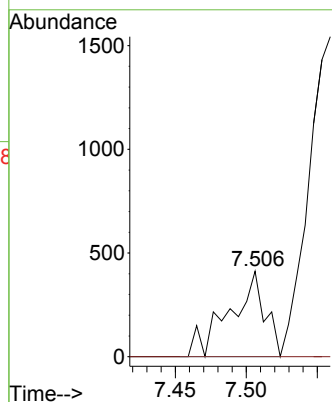


#25
2-Butanone
Concen: 0.766 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.030 min
Lab File: VN080526.D
Acq: 19 Dec 2023 17:32

Instrument :
MSVOA_N
ClientSampleId :

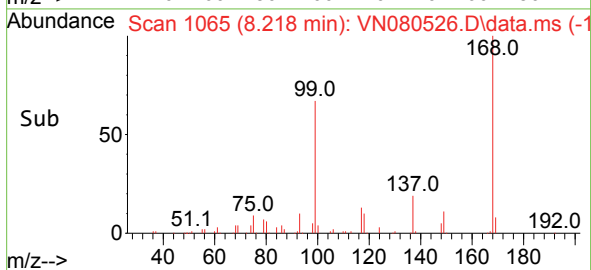
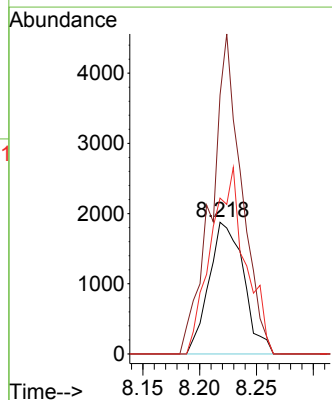
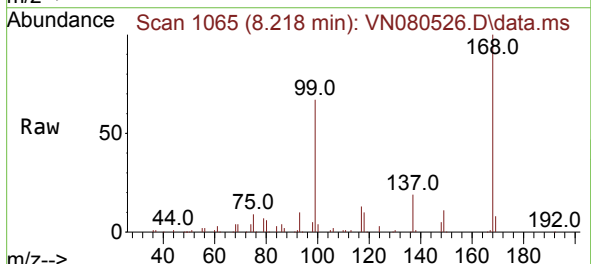


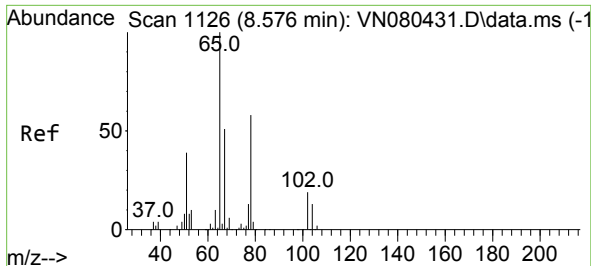
Tgt Ion: 43 Resp: 715
Ion Ratio Lower Upper
43 100
72 0.0 30.2 45.2#



#31
Cyclohexane
Concen: 1.072 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN080526.D
Acq: 19 Dec 2023 17:32

Tgt Ion: 56 Resp: 3985
Ion Ratio Lower Upper
56 100
69 196.6 26.8 40.2#
84 118.4 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 59.598 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080526.D

Acq: 19 Dec 2023 17:32

Instrument :

MSVOA_N

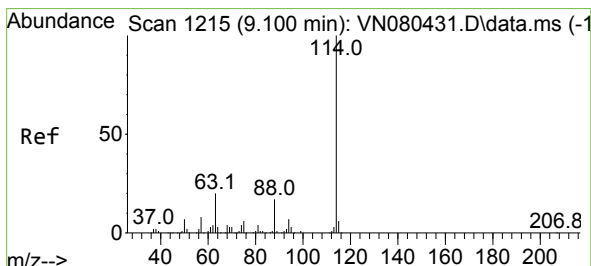
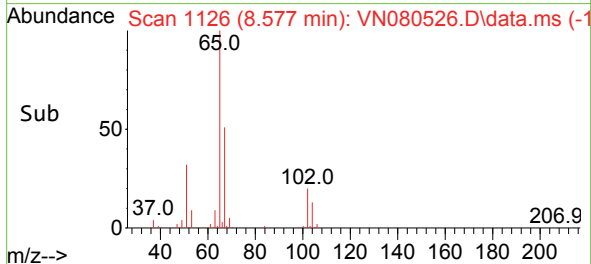
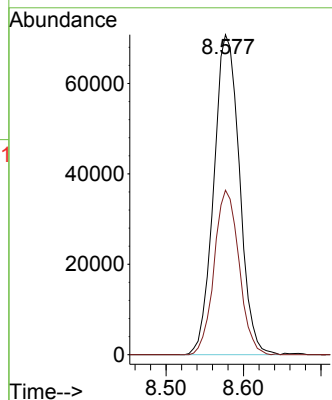
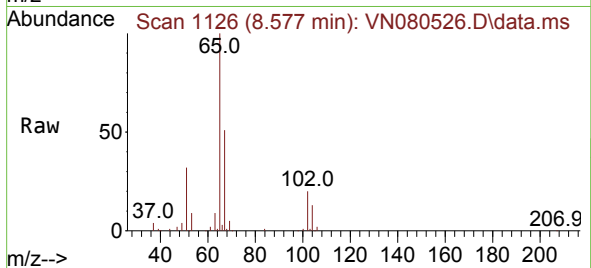
ClientSampleId :

Tgt Ion: 65 Resp: 162958

Ion Ratio Lower Upper

65 100

67 49.8 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080526.D

Acq: 19 Dec 2023 17:32

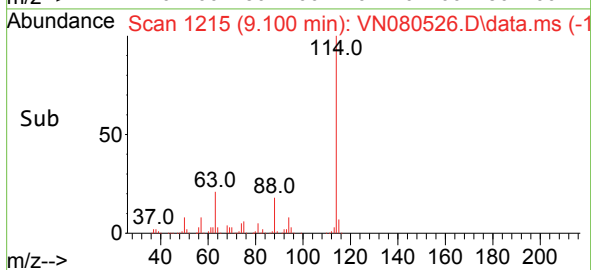
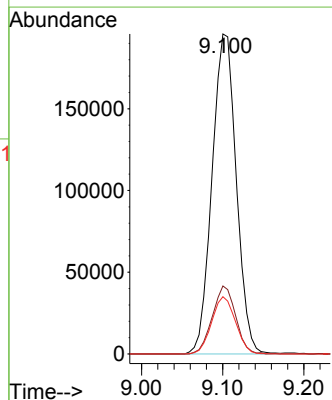
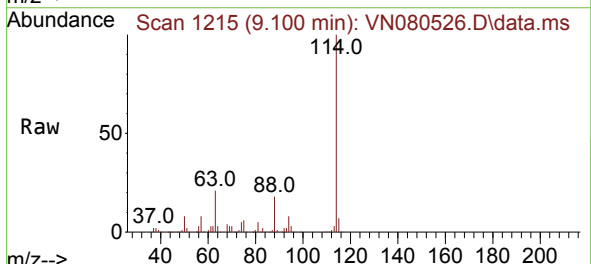
Tgt Ion: 114 Resp: 406608

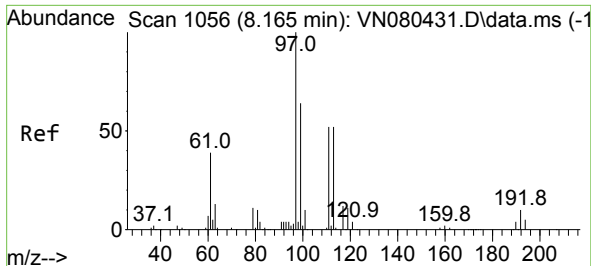
Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.4

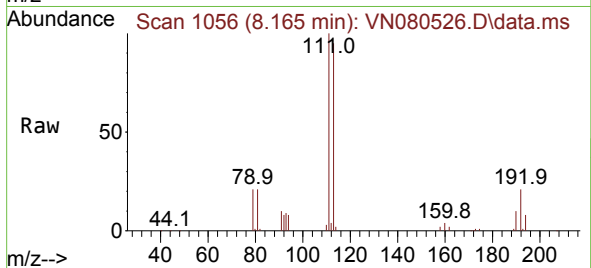
88 17.9 0.0 30.6



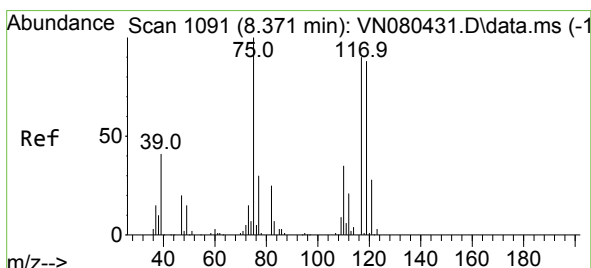
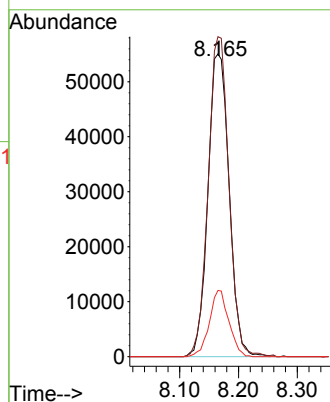
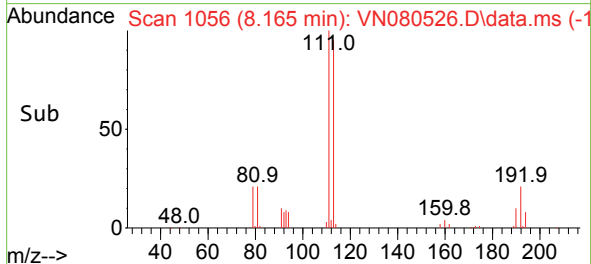


#35
Dibromofluoromethane
Concen: 53.632 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080526.D
Acq: 19 Dec 2023 17:32

Instrument :
MSVOA_N
ClientSampleId :

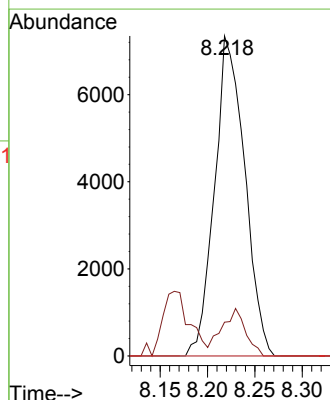
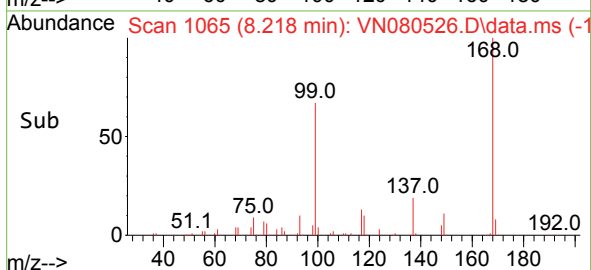
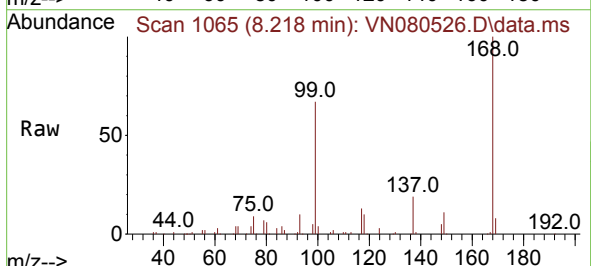


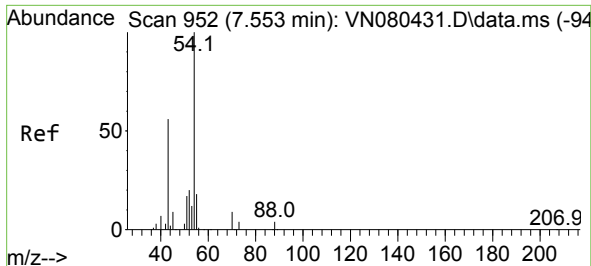
Tgt Ion:113 Resp: 138267
Ion Ratio Lower Upper
113 100
111 103.2 82.6 123.8
192 20.1 12.7 19.1#



#36
1,1-Dichloropropene
Concen: 3.862 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN080526.D
Acq: 19 Dec 2023 17:32

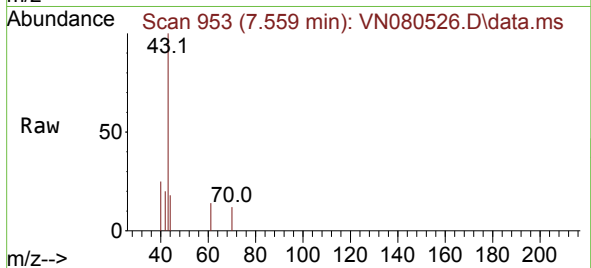
Tgt Ion: 75 Resp: 16279
Ion Ratio Lower Upper
75 100
110 11.7 19.1 57.3#
77 0.0 25.0 37.4#



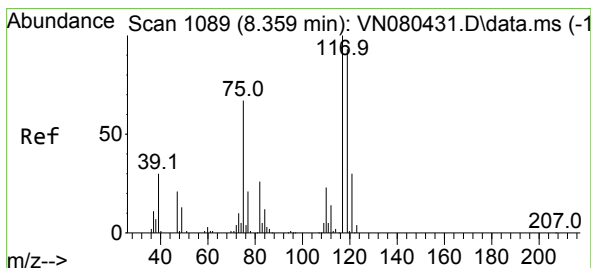
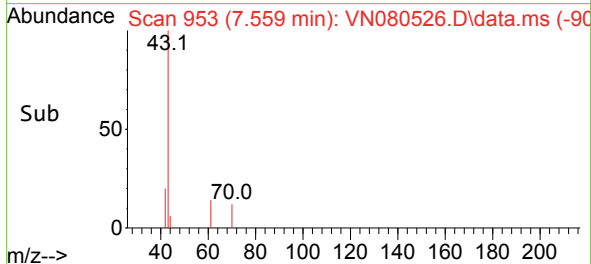
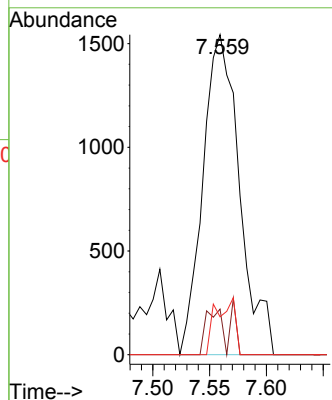


#37
Ethyl Acetate
Concen: 1.310 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080526.D
Acq: 19 Dec 2023 17:32

Instrument :
MSVOA_N
ClientSampleId :

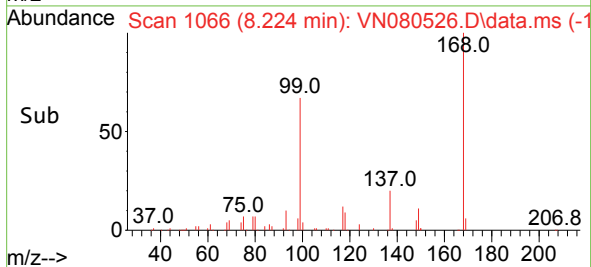
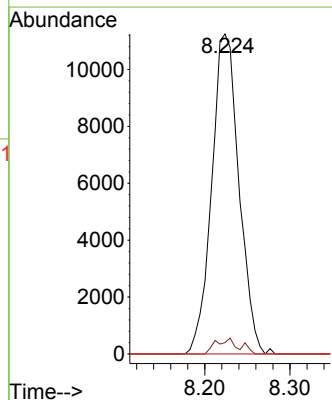
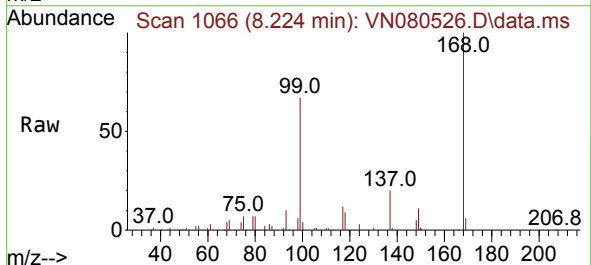


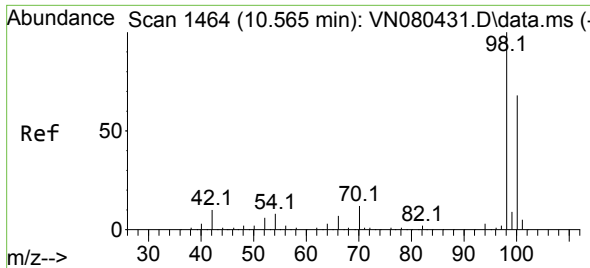
Tgt Ion: 43 Resp: 3458
Ion Ratio Lower Upper
43 100
61 6.2 13.2 19.8#
70 9.3 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 4.973 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN080526.D
Acq: 19 Dec 2023 17:32

Tgt Ion: 117 Resp: 25048
Ion Ratio Lower Upper
117 100
119 3.6 77.3 115.9#
121 0.0 23.3 34.9#

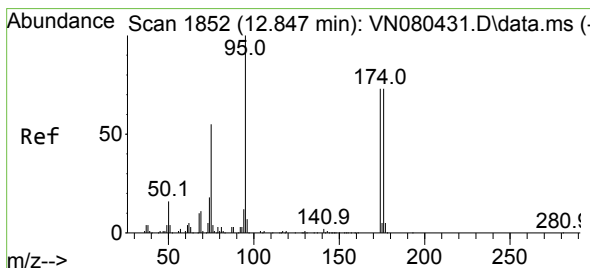
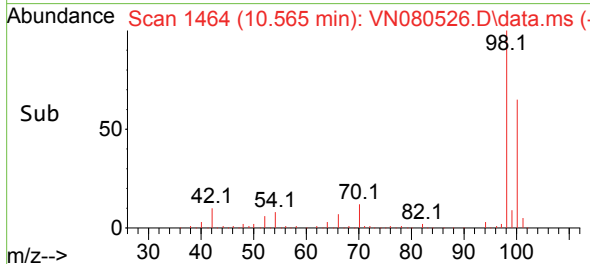
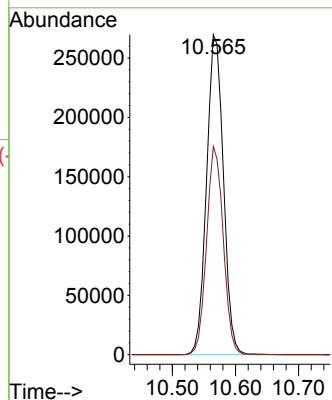
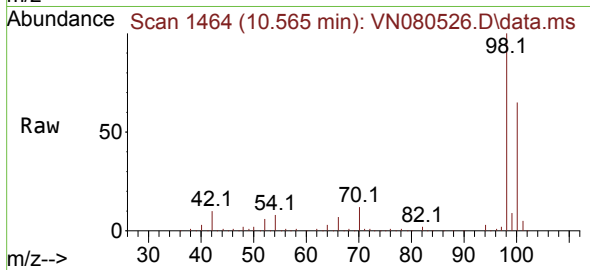




#50
Toluene-d8
Concen: 51.847 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080526.D
Acq: 19 Dec 2023 17:32

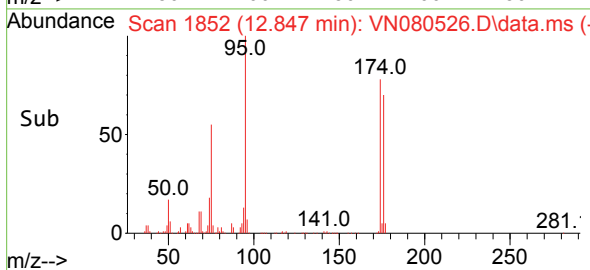
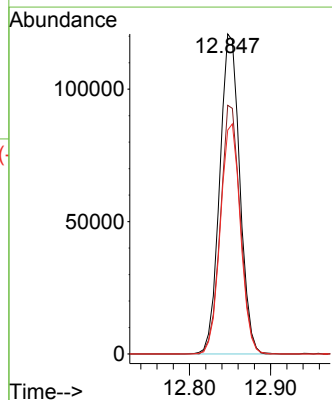
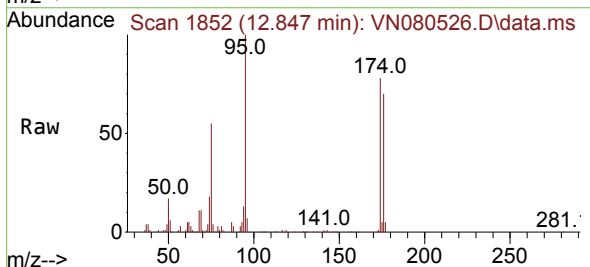
Instrument :
MSVOA_N
ClientSampleId :

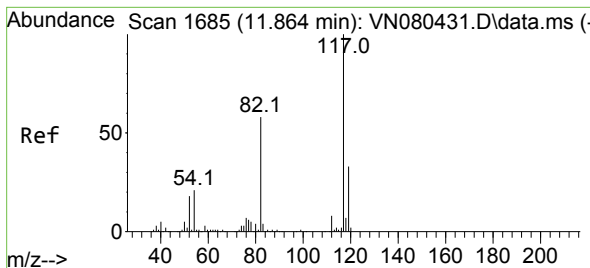
Tgt Ion: 98 Resp: 498497
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 56.926 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080526.D
Acq: 19 Dec 2023 17:32

Tgt Ion: 95 Resp: 207836
Ion Ratio Lower Upper
95 100
174 76.8 0.0 143.8
176 72.1 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080526.D

Acq: 19 Dec 2023 17:32

Instrument :

MSVOA_N

ClientSampleId :

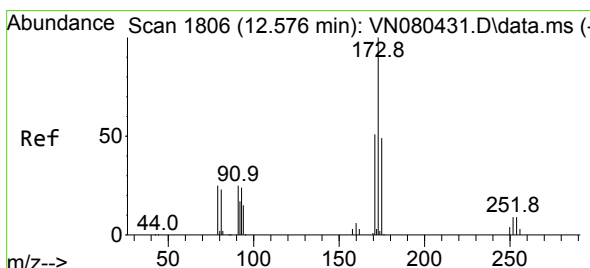
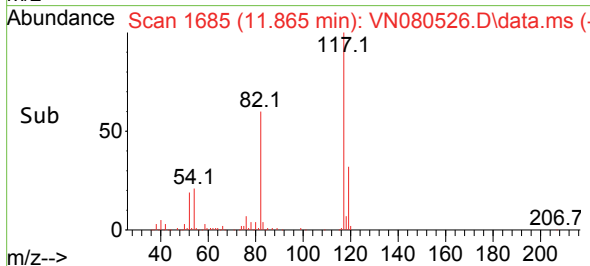
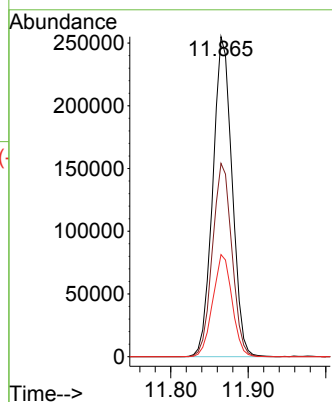
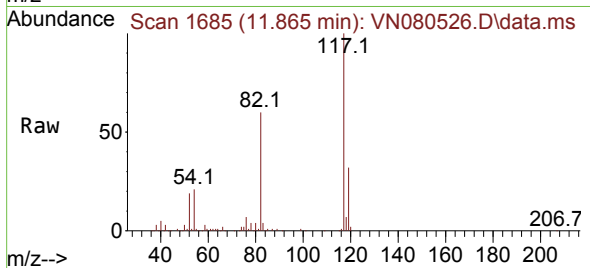
Tgt Ion:117 Resp: 440450

Ion Ratio Lower Upper

117 100

82 60.4 44.0 66.0

119 31.9 25.6 38.4



#71

Bromoform

Concen: 0.301 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.271 min

Lab File: VN080526.D

Acq: 19 Dec 2023 17:32

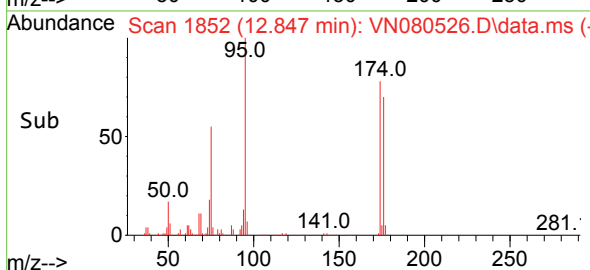
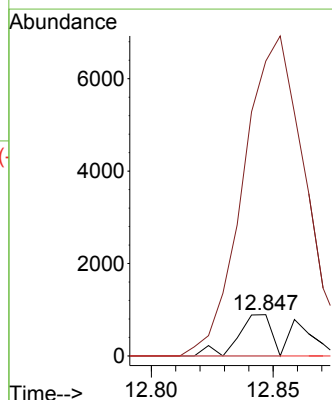
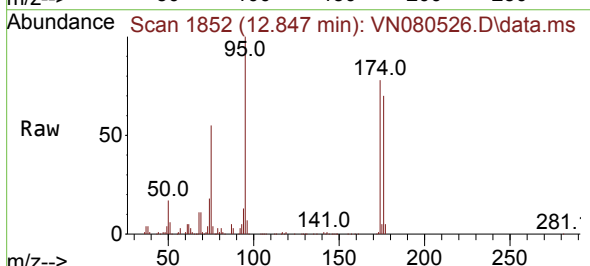
Tgt Ion:173 Resp: 843

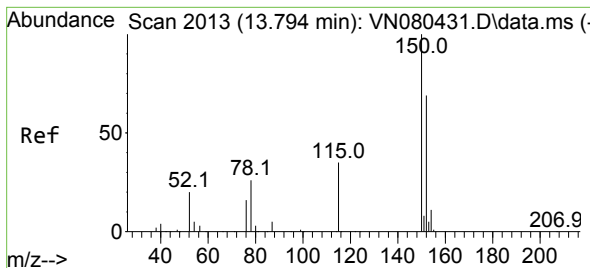
Ion Ratio Lower Upper

173 100

175 0.0 24.3 73.0#

254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.000 min

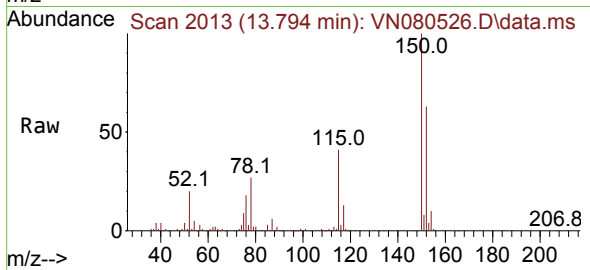
Lab File: VN080526.D

Acq: 19 Dec 2023 17:32

Instrument :

MSVOA_N

ClientSampleId :



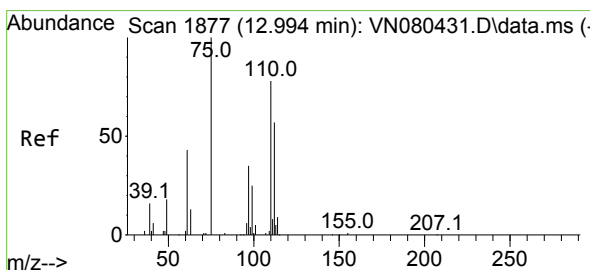
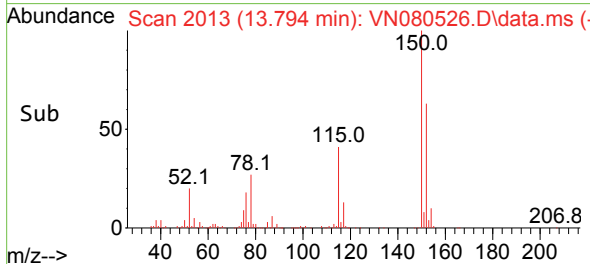
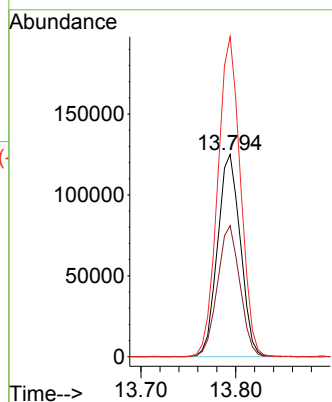
Tgt Ion:152 Resp: 209027

Ion Ratio Lower Upper

152 100

115 64.2 32.3 96.8

150 157.8 0.0 355.8



#76

1,2,3-Trichloropropane

Concen: 27.256 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN080526.D

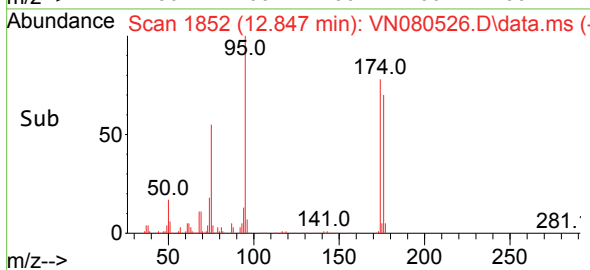
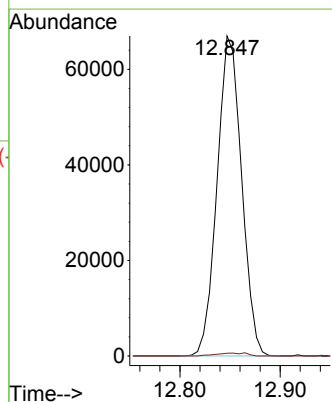
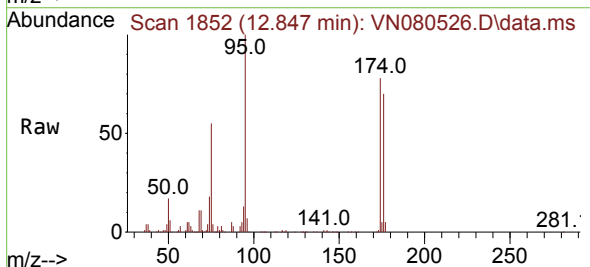
Acq: 19 Dec 2023 17:32

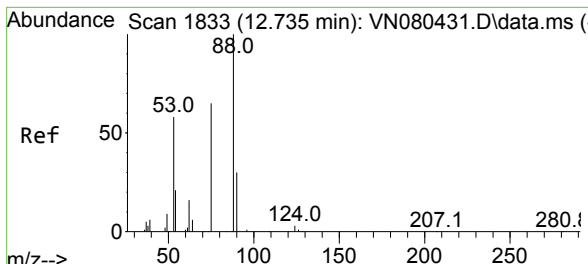
Tgt Ion: 75 Resp: 113659

Ion Ratio Lower Upper

75 100

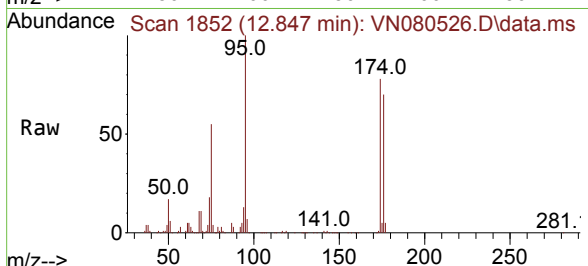
77 1.1 84.5 253.5#



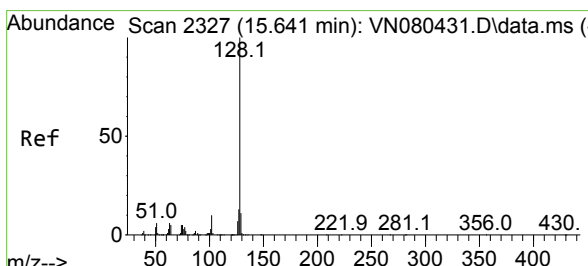
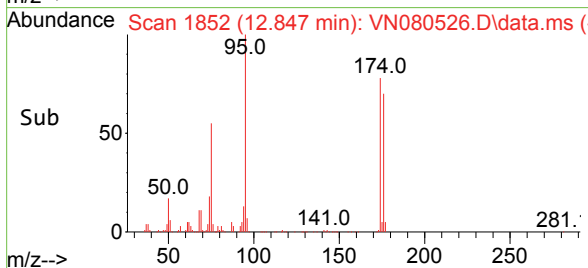
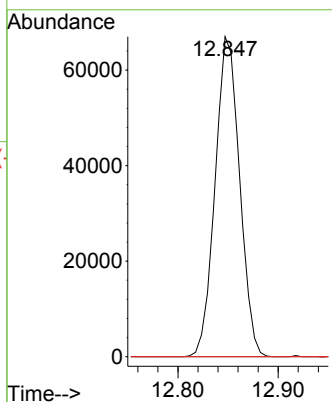


#81
trans-1,4-Dichloro-2-butene
Concen: 71.564 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN080526.D
Acq: 19 Dec 2023 17:32

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 113659
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#95
Naphthalene
Concen: 0.338 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN080526.D
Acq: 19 Dec 2023 17:32

Tgt Ion:128 Resp: 3941
Ion Ratio Lower Upper
128 100
127 8.1 10.0 15.0#
129 0.0 8.7 13.1#

