

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011224\
 Data File : VN080705.D
 Acq On : 12 Jan 2024 21:16
 Operator : JC\MD
 Sample : P1111-11
 Misc : 2.58g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 12 22:21:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
 Response via : Initial Calibration

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

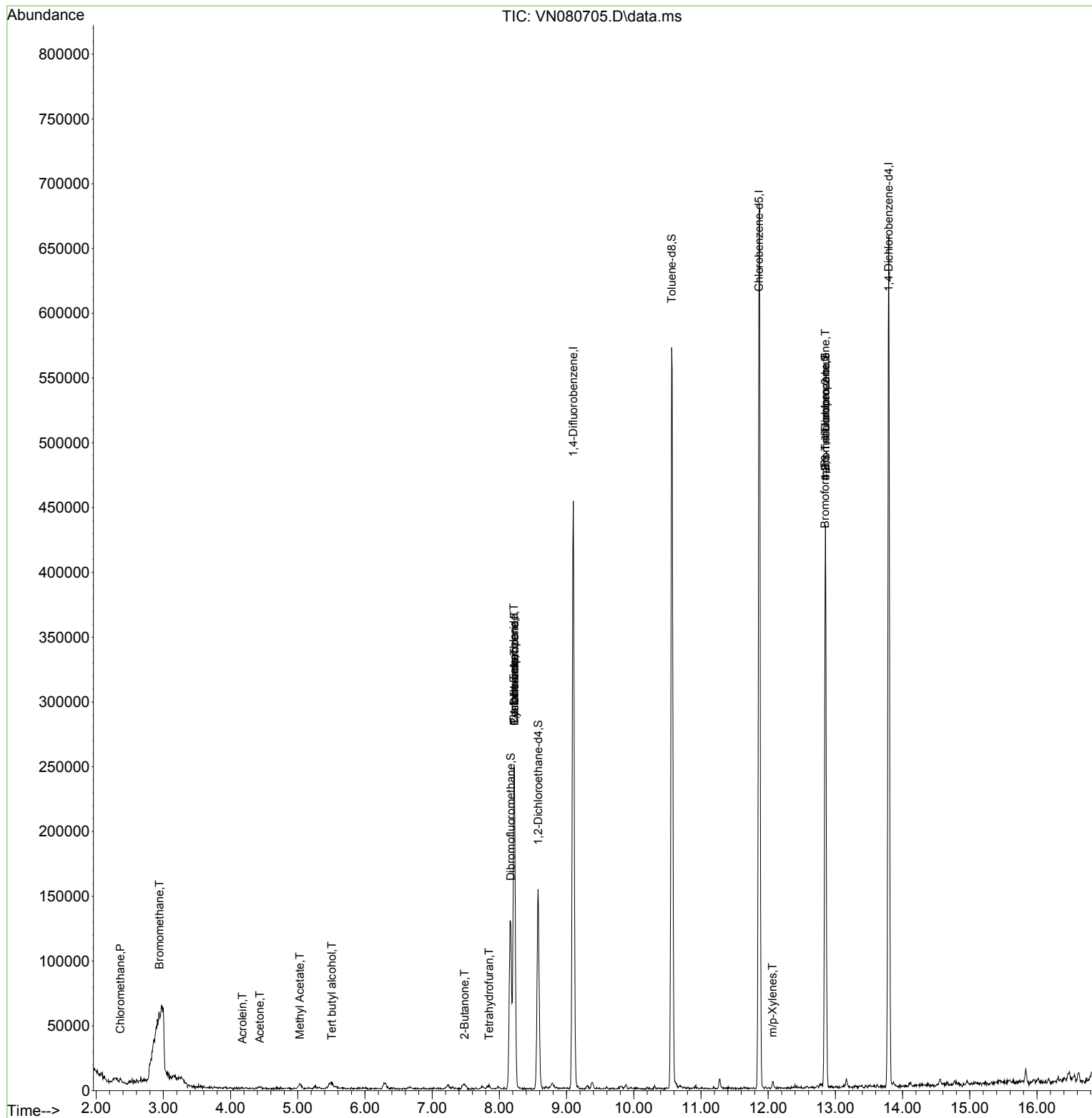
Internal Standards						
1) Pentafluorobenzene	8.224	168	165765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	365299	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	365297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	152995	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117008	40.195	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	80.400%	
35) Dibromofluoromethane	8.171	113	94838	45.693	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	91.380%	
50) Toluene-d8	10.565	98	386929	48.891	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	97.780%	
62) 4-Bromofluorobenzene	12.853	95	151931	50.061	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	100.120%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	3837	0.619	ug/l	99
5) Bromomethane	2.942	94	337	0.363	ug/l #	4
6) Chloroethane	3.095	64	59	Below Cal	#	43
11) Tert butyl alcohol	5.506	59	5399	10.967	ug/l #	80
13) Acrolein	4.177	56	374	0.909	ug/l	84
16) Acetone	4.436	43	450	0.471	ug/l #	40
18) Methyl Acetate	5.030	43	7561	2.657	ug/l #	68
25) 2-Butanone	7.483	43	1677	0.971	ug/l #	77
29) Tetrahydrofuran	7.847	42	1546	1.328	ug/l #	31
31) Cyclohexane	8.224	56	5723	1.273	ug/l #	68
36) 1,1-Dichloropropene	8.224	75	17562	4.131	ug/l #	48
38) Carbon Tetrachloride	8.218	117	18557	4.861	ug/l #	16
68) m/p-Xylenes	12.065	106	1489	0.278	ug/l	78
71) Bromoform	12.847	173	565	0.290	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	83885	17.781	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	83885	41.917	ug/l #	15

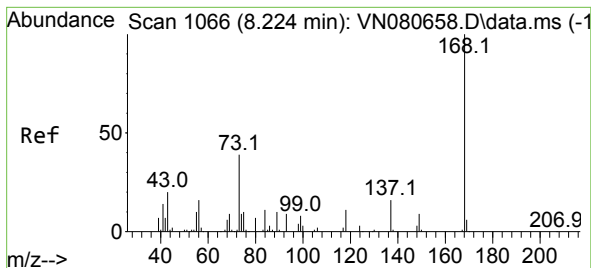
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011224\
Data File : VN080705.D
Acq On : 12 Jan 2024 21:16
Operator : JC\MD
Sample : P1111-11
Misc : 2.58g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jan 12 22:21:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 06:34:36 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN080705.D

Acq: 12 Jan 2024 21:16

Instrument :

MSVOA_N

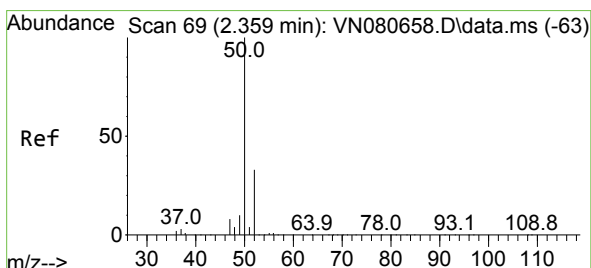
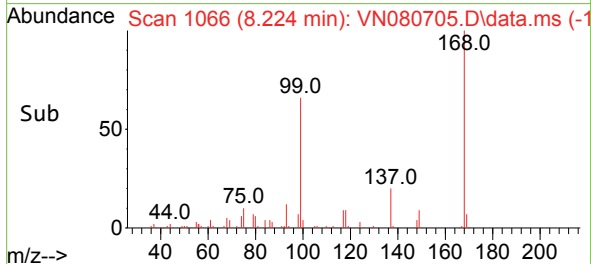
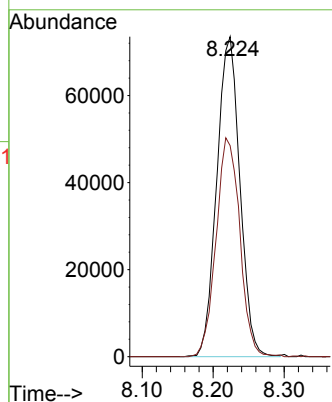
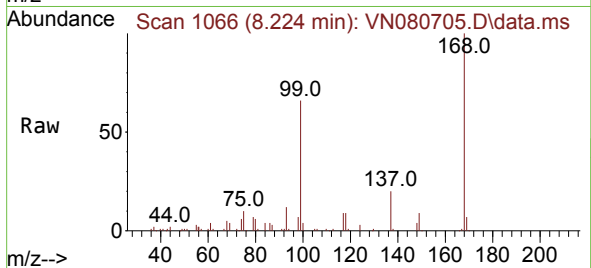
ClientSampleId :

Tgt Ion:168 Resp: 165765

Ion Ratio Lower Upper

168 100

99 65.9 53.0 79.6



#3

Chloromethane

Concen: 0.619 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN080705.D

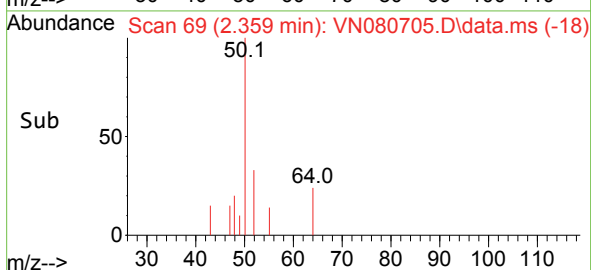
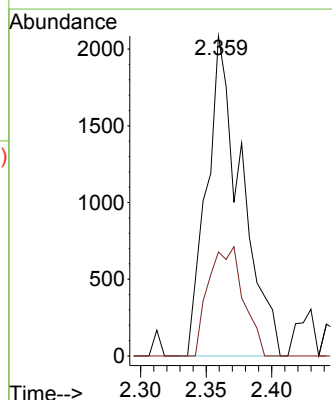
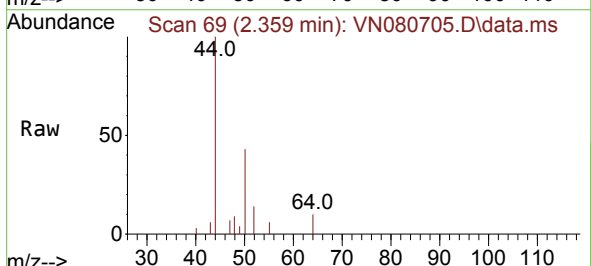
Acq: 12 Jan 2024 21:16

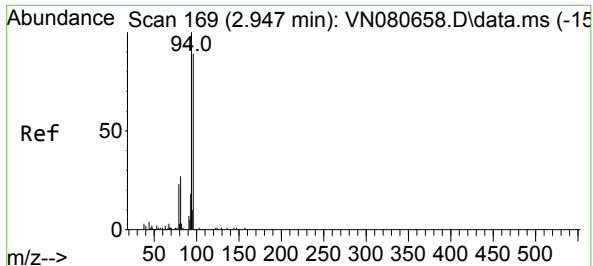
Tgt Ion: 50 Resp: 3837

Ion Ratio Lower Upper

50 100

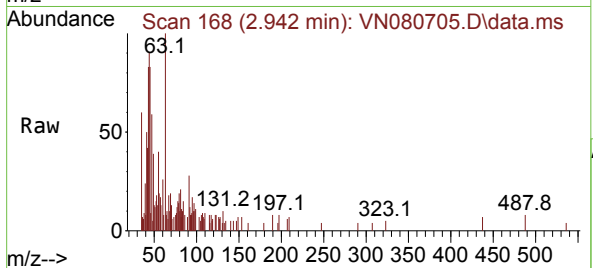
52 32.5 26.5 39.7



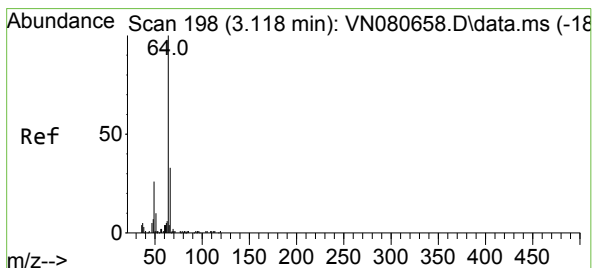
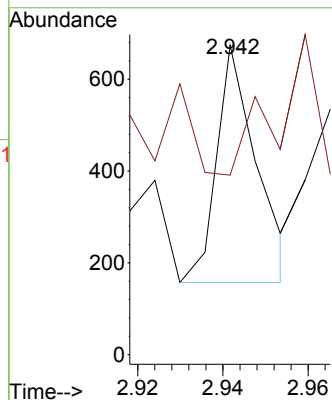
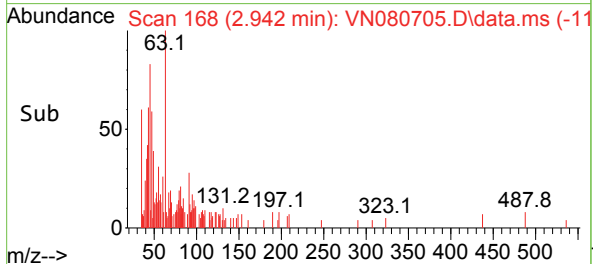


#5
Bromomethane
Concen: 0.363 ug/l
RT: 2.942 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080705.D
Acq: 12 Jan 2024 21:16

Instrument :
MSVOA_N
ClientSampleId :

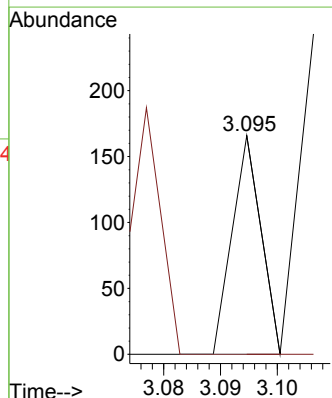
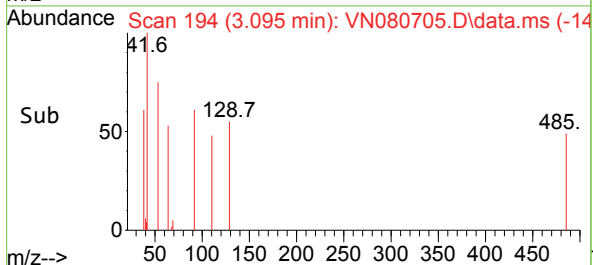
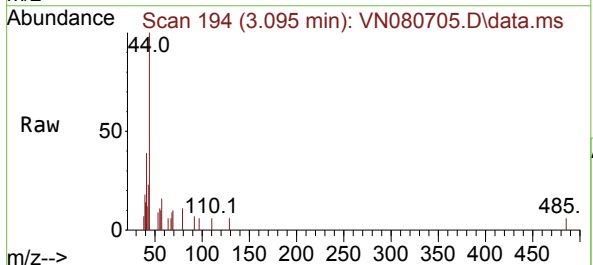


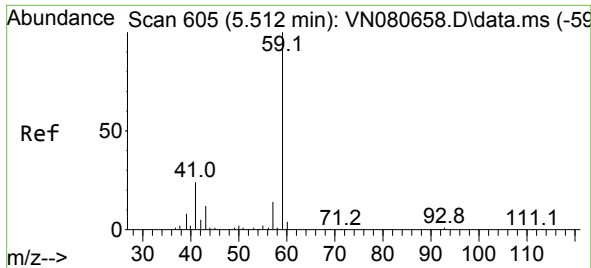
Tgt Ion: 94 Resp: 337
Ion Ratio Lower Upper
94 100
96 0.0 73.1 109.7#



#6
Chloroethane
Concen: Below Cal
RT: 3.095 min Scan# 194
Delta R.T. -0.023 min
Lab File: VN080705.D
Acq: 12 Jan 2024 21:16

Tgt Ion: 64 Resp: 59
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

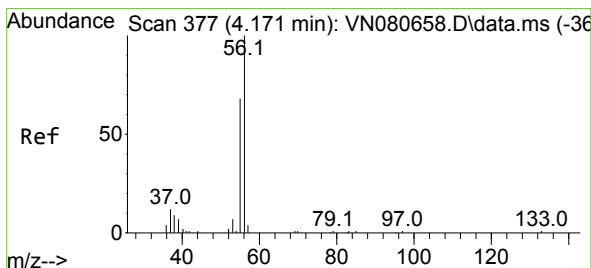
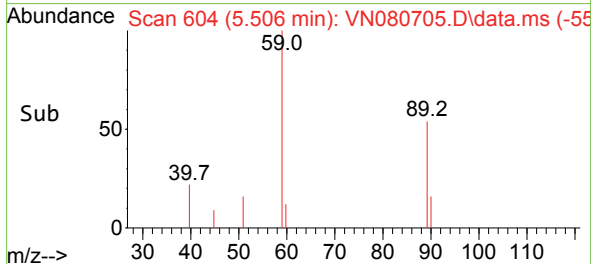
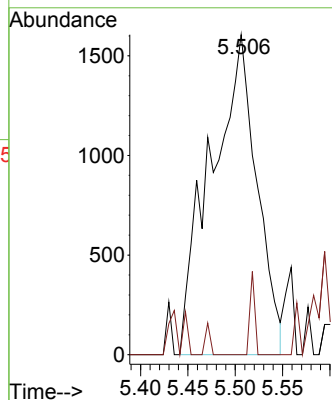
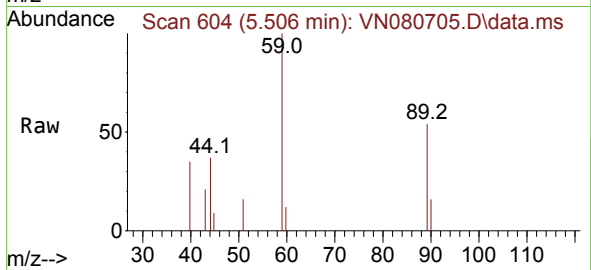




#11
Tert butyl alcohol
Concen: 10.967 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN080705.D
Acq: 12 Jan 2024 21:16

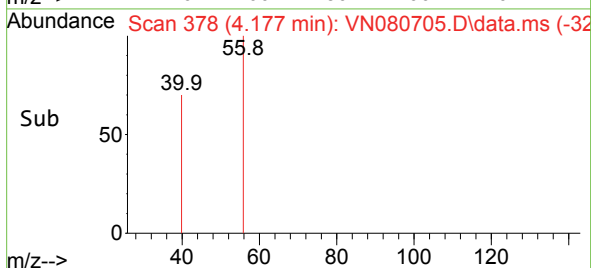
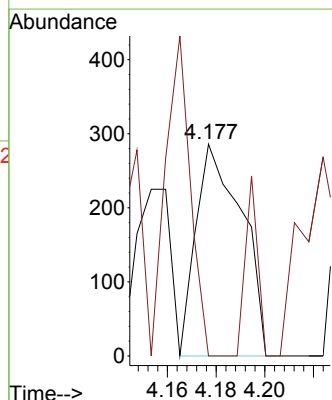
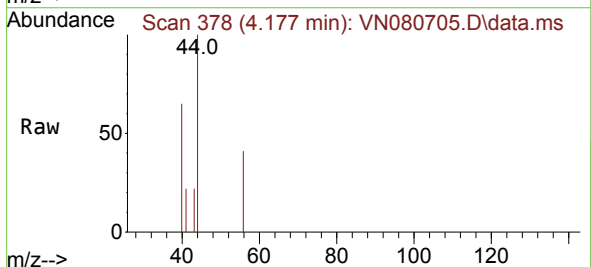
Instrument :
MSVOA_N
ClientSampleId :

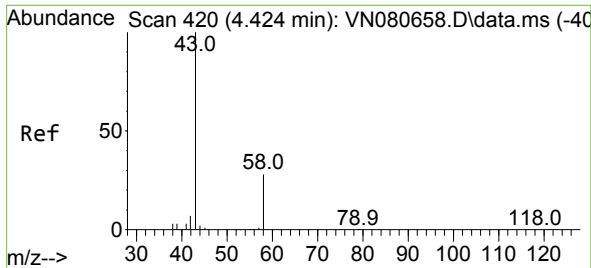
Tgt Ion: 59 Resp: 5399
Ion Ratio Lower Upper
59 100
57 2.7 8.2 12.4#



#13
Acrolein
Concen: 0.909 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN080705.D
Acq: 12 Jan 2024 21:16

Tgt Ion: 56 Resp: 374
Ion Ratio Lower Upper
56 100
55 81.0 54.5 81.7

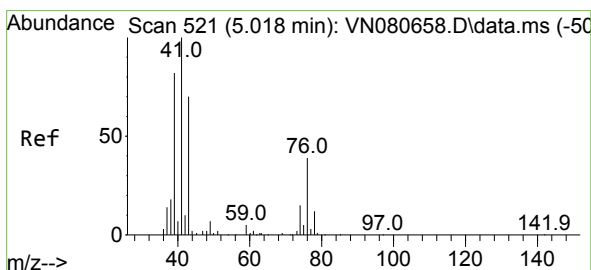
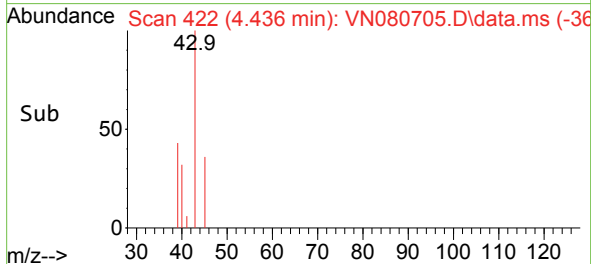
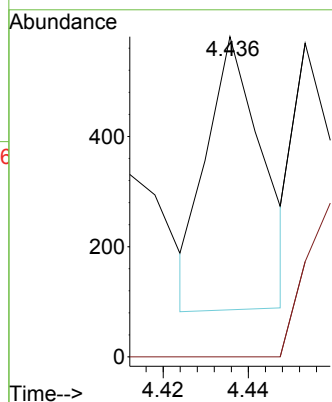
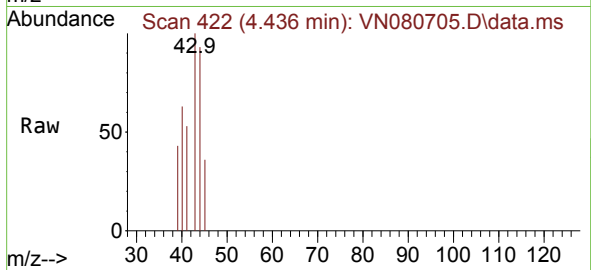




#16
Acetone
Concen: 0.471 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN080705.D
Acq: 12 Jan 2024 21:16

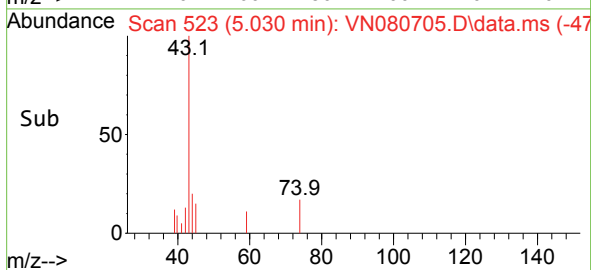
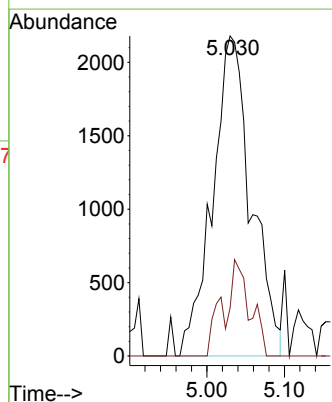
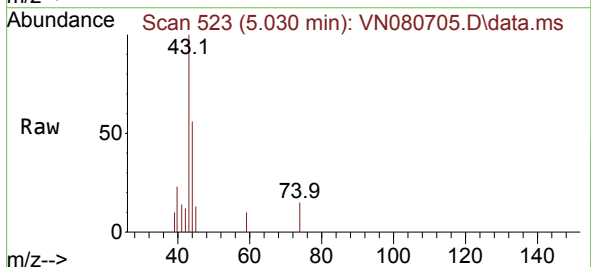
Instrument :
MSVOA_N
ClientSampleId :

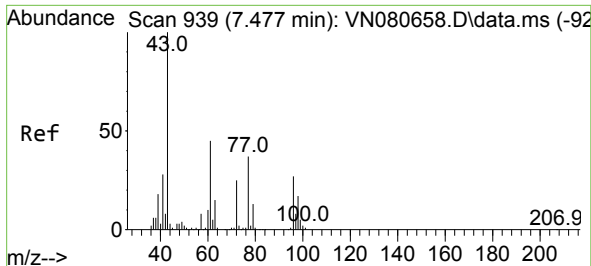
Tgt Ion: 43 Resp: 450
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#18
Methyl Acetate
Concen: 2.657 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN080705.D
Acq: 12 Jan 2024 21:16

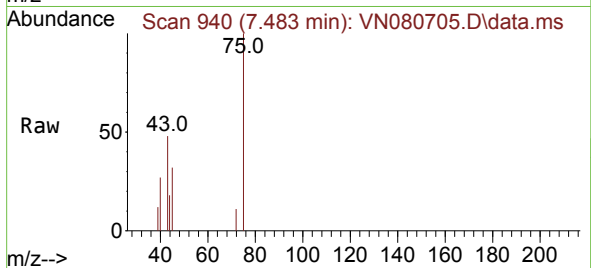
Tgt Ion: 43 Resp: 7561
Ion Ratio Lower Upper
43 100
74 14.7 26.2 39.4#



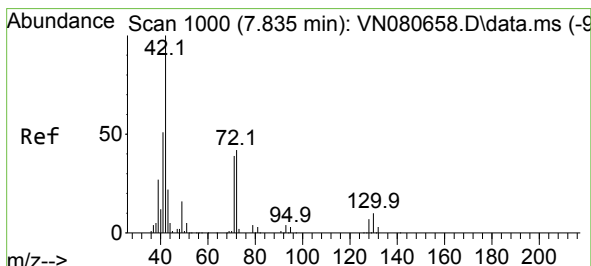
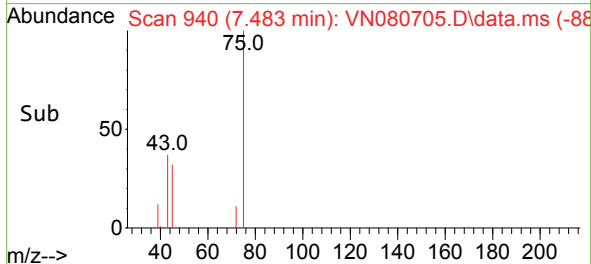
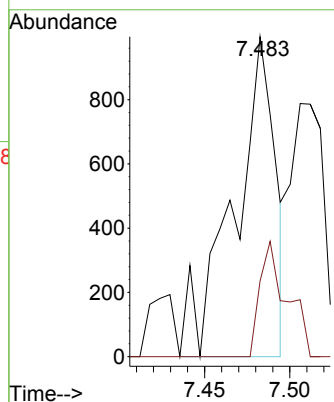


#25
2-Butanone
Concen: 0.971 ug/l
RT: 7.483 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN080705.D
Acq: 12 Jan 2024 21:16

Instrument :
MSVOA_N
ClientSampleId :

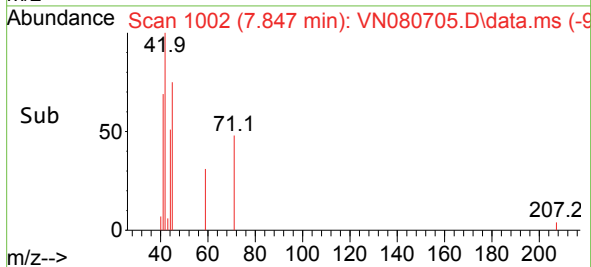
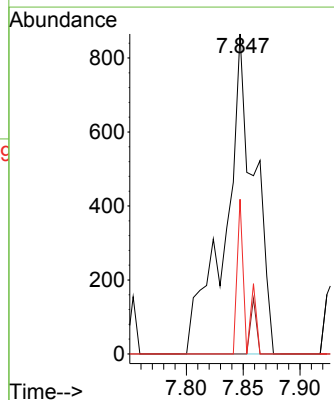
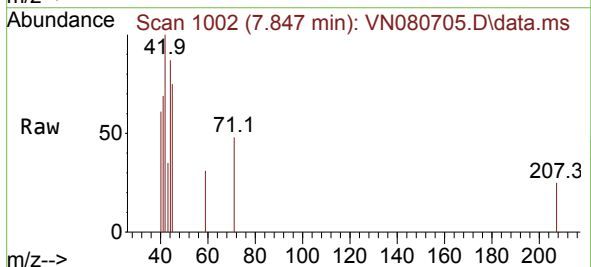


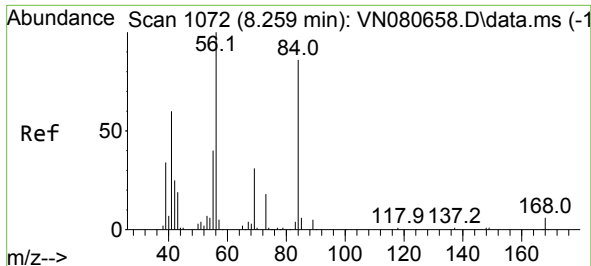
Tgt Ion: 43 Resp: 1677
Ion Ratio Lower Upper
43 100
72 23.6 30.2 45.2#



#29
Tetrahydrofuran
Concen: 1.328 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VN080705.D
Acq: 12 Jan 2024 21:16

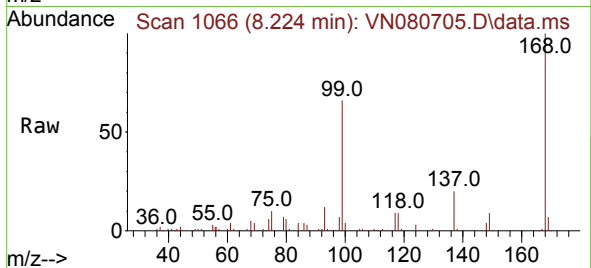
Tgt Ion: 42 Resp: 1546
Ion Ratio Lower Upper
42 100
72 3.4 49.8 74.6#
71 13.9 47.4 71.2#



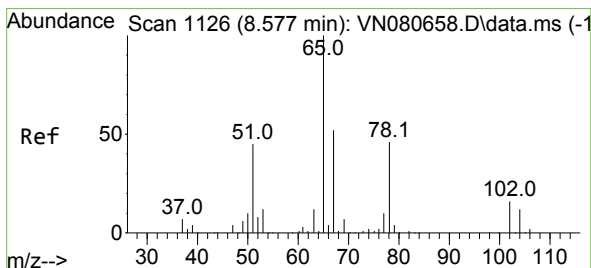
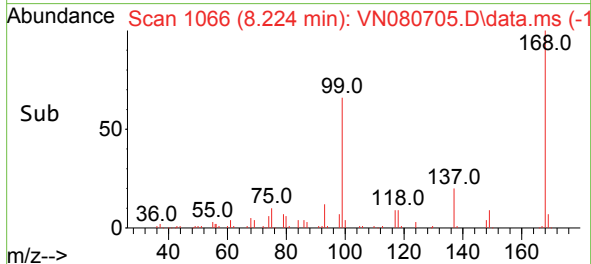
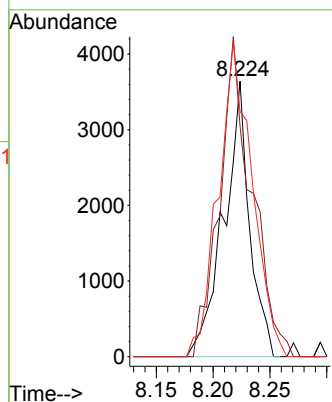


#31
Cyclohexane
Concen: 1.273 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN080705.D
Acq: 12 Jan 2024 21:16

Instrument :
MSVOA_N
ClientSampleId :

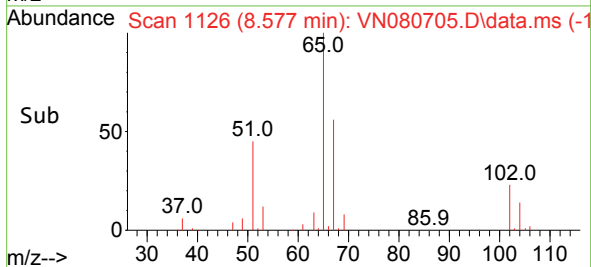
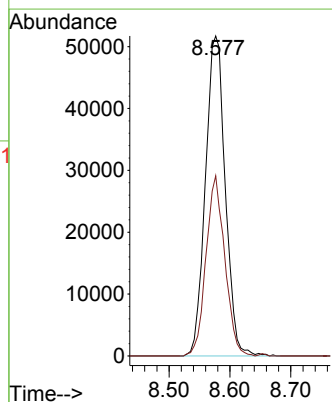
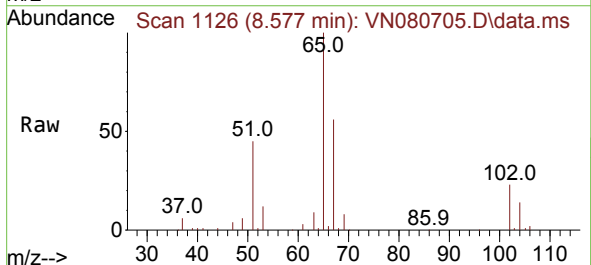


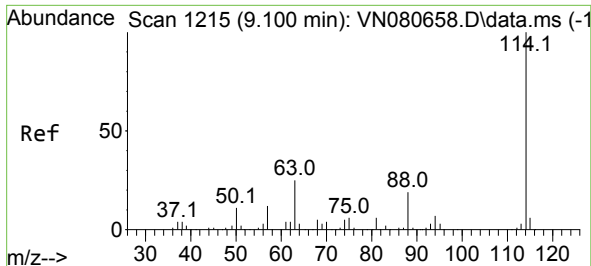
Tgt Ion: 56 Resp: 5723
Ion Ratio Lower Upper
56 100
69 83.8 26.8 40.2#
84 89.0 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 40.195 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN080705.D
Acq: 12 Jan 2024 21:16

Tgt Ion: 65 Resp: 117008
Ion Ratio Lower Upper
65 100
67 53.3 0.0 106.6

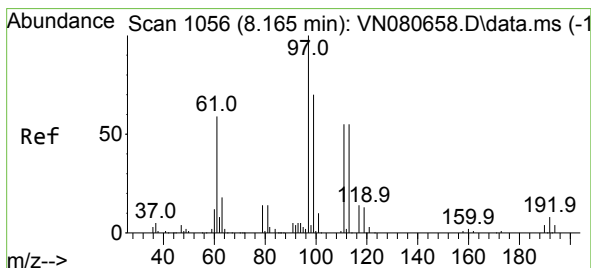
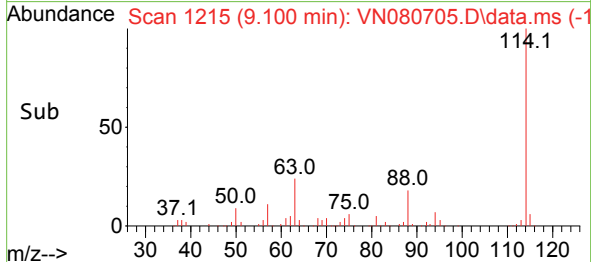
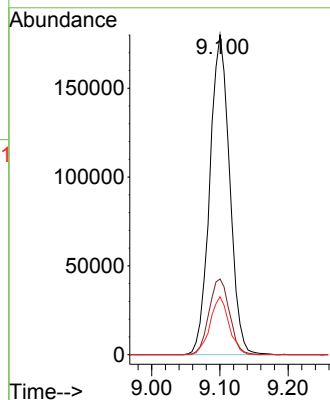
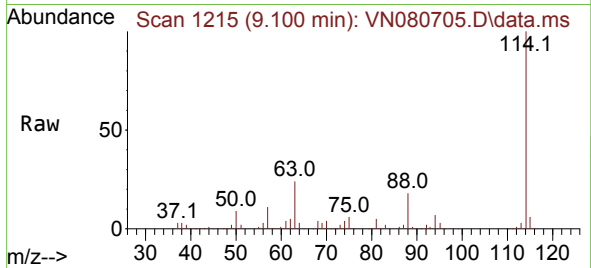




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080705.D
Acq: 12 Jan 2024 21:16

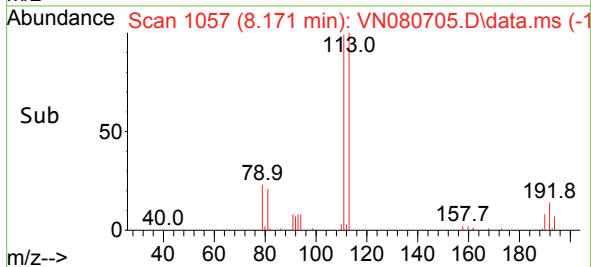
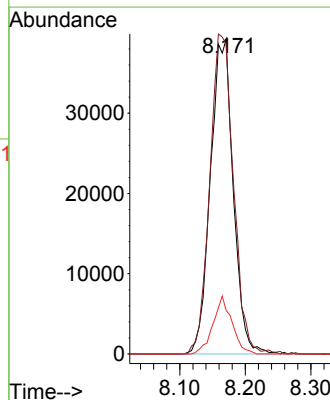
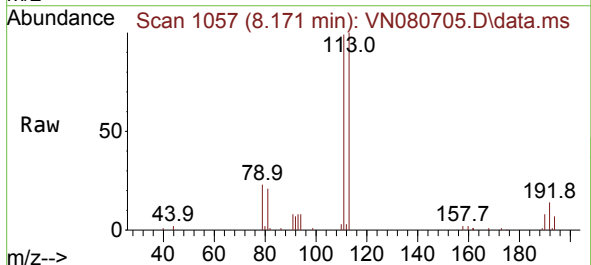
Instrument :
MSVOA_N
ClientSampleId :

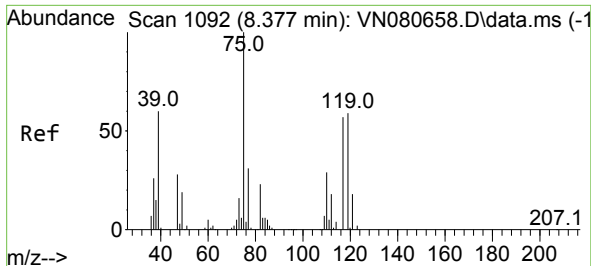
Tgt Ion:114 Resp: 365299
Ion Ratio Lower Upper
114 100
63 23.7 0.0 36.4
88 18.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 45.693 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080705.D
Acq: 12 Jan 2024 21:16

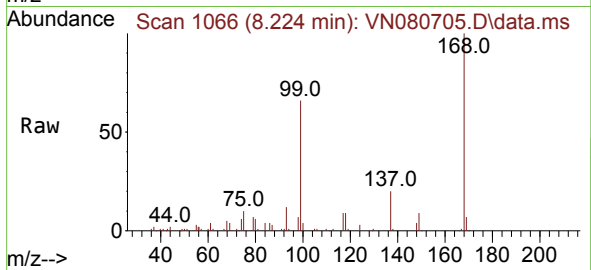
Tgt Ion:113 Resp: 94838
Ion Ratio Lower Upper
113 100
111 105.3 82.6 123.8
192 15.2 12.7 19.1



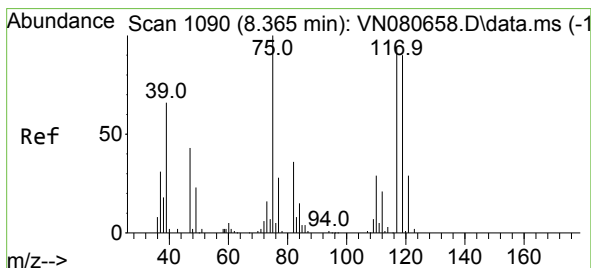
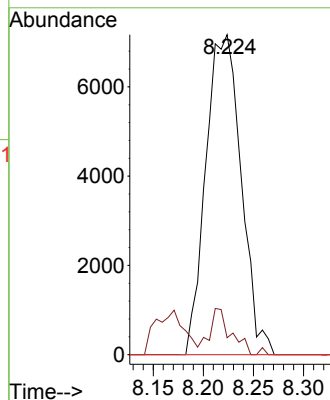
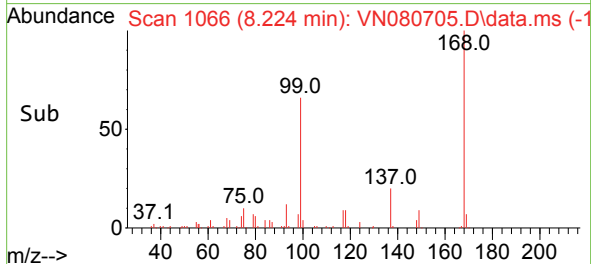


#36
1,1-Dichloropropene
Concen: 4.131 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN080705.D
Acq: 12 Jan 2024 21:16

Instrument :
MSVOA_N
ClientSampleId :

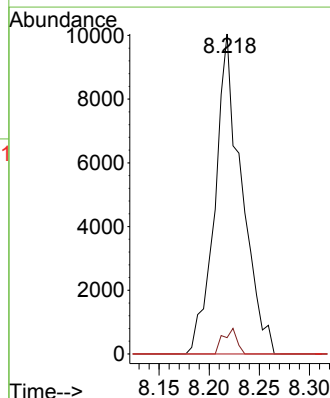
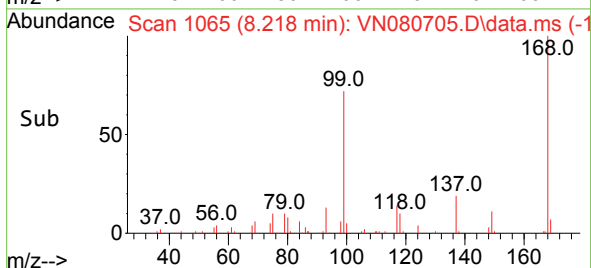
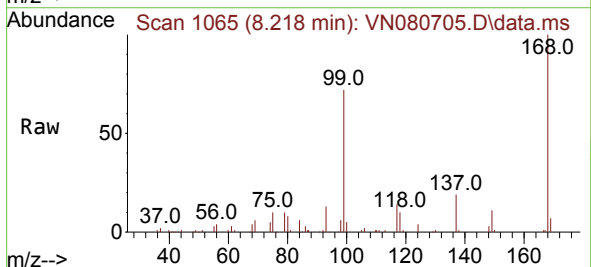


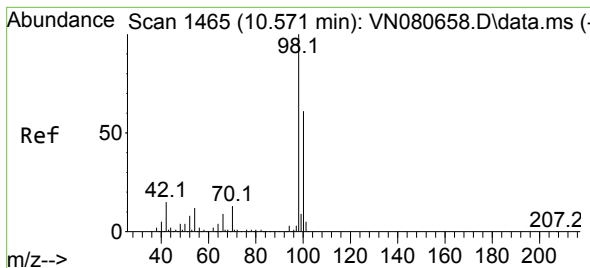
Tgt Ion: 75 Resp: 17562
Ion Ratio Lower Upper
75 100
110 8.6 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 4.861 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.147 min
Lab File: VN080705.D
Acq: 12 Jan 2024 21:16

Tgt Ion: 117 Resp: 18557
Ion Ratio Lower Upper
117 100
119 5.1 77.3 115.9#
121 0.0 23.3 34.9#





#50

Toluene-d8

Concen: 48.891 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN080705.D

Acq: 12 Jan 2024 21:16

Instrument :

MSVOA_N

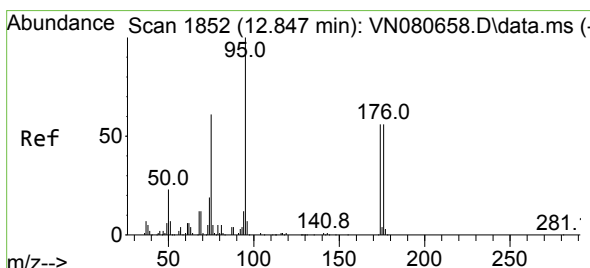
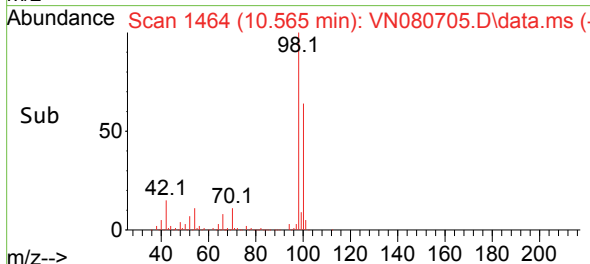
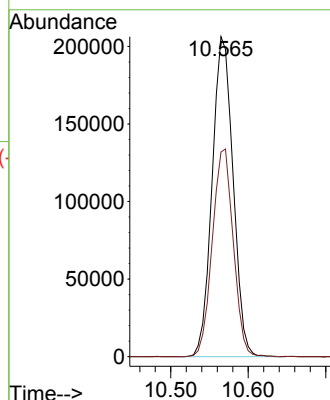
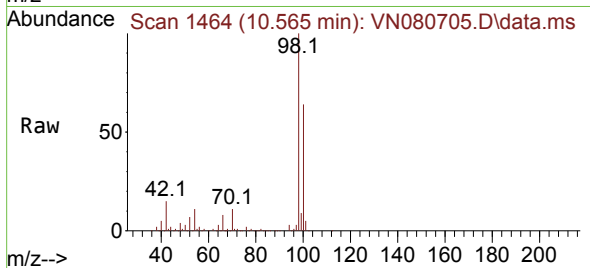
ClientSampleId :

Tgt Ion: 98 Resp: 386929

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 50.061 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN080705.D

Acq: 12 Jan 2024 21:16

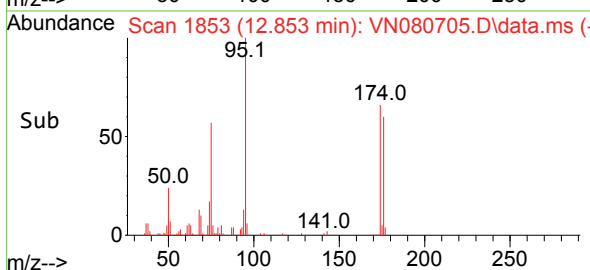
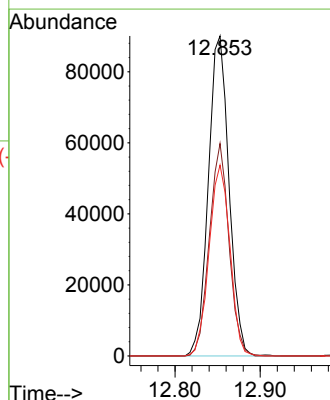
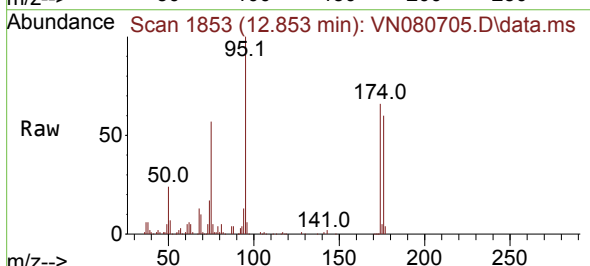
Tgt Ion: 95 Resp: 151931

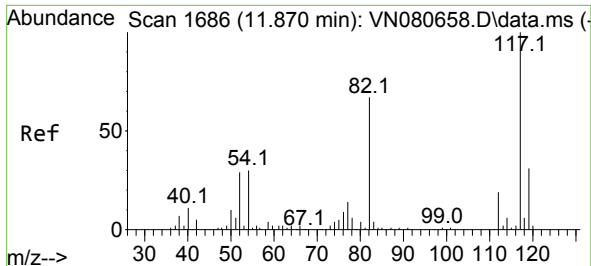
Ion Ratio Lower Upper

95 100

174 63.2 0.0 143.8

176 60.1 0.0 135.8

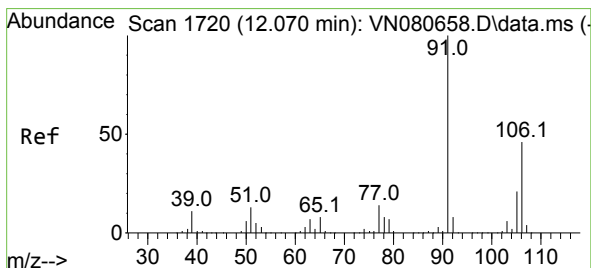
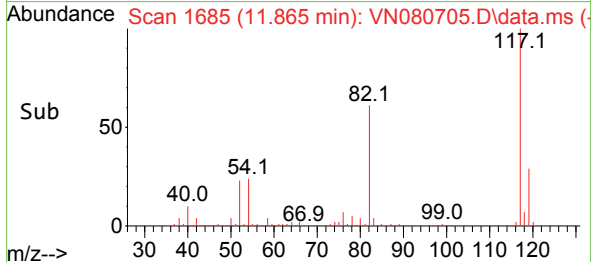
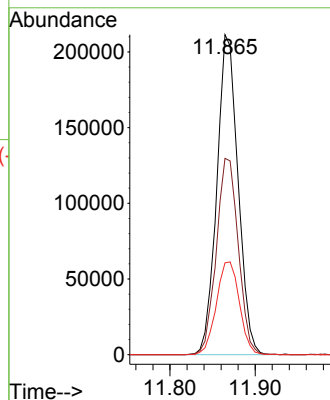
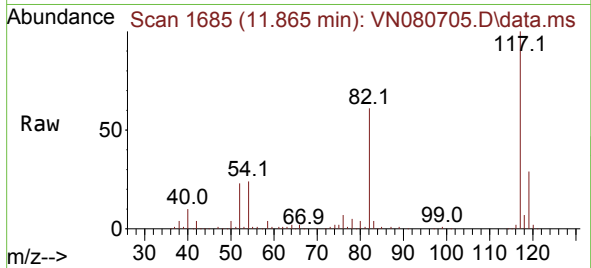




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VN080705.D
Acq: 12 Jan 2024 21:16

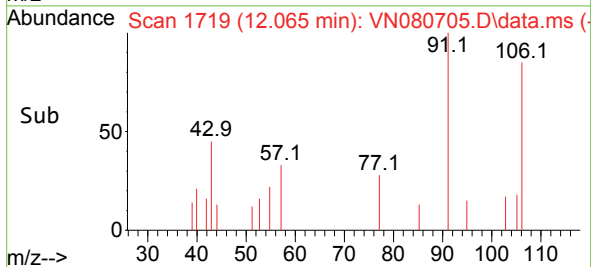
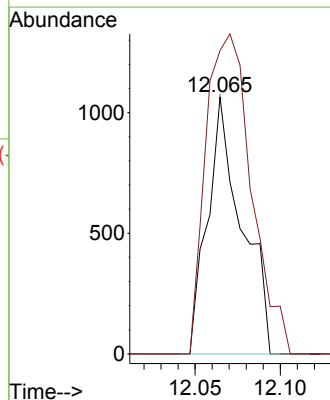
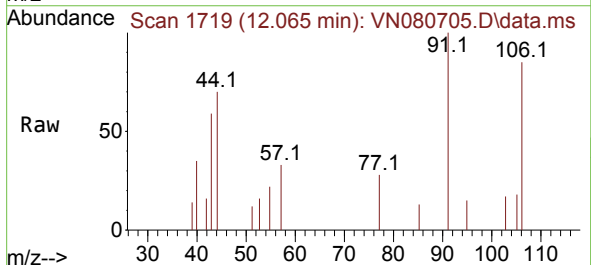
Instrument :
MSVOA_N
ClientSampleId :

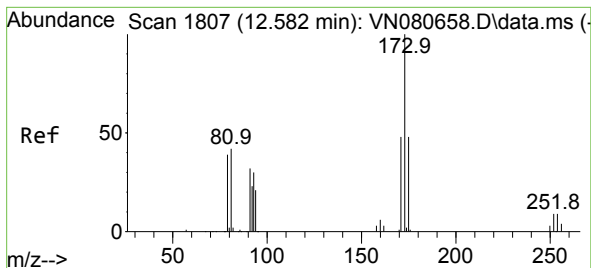
Tgt Ion:117 Resp: 365297
Ion Ratio Lower Upper
117 100
82 61.3 44.0 66.0
119 28.7 25.6 38.4



#68
m/p-Xylenes
Concen: 0.278 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN080705.D
Acq: 12 Jan 2024 21:16

Tgt Ion:106 Resp: 1489
Ion Ratio Lower Upper
106 100
91 165.8 159.6 239.4





#71

Bromoform

Concen: 0.290 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.265 min

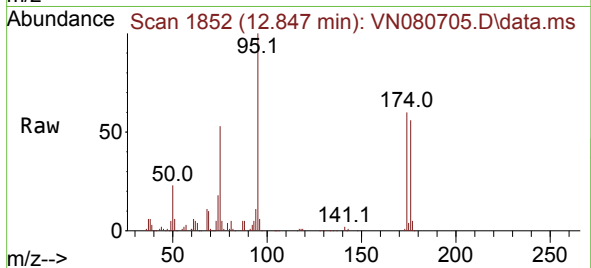
Lab File: VN080705.D

Acq: 12 Jan 2024 21:16

Instrument :

MSVOA_N

ClientSampleId :



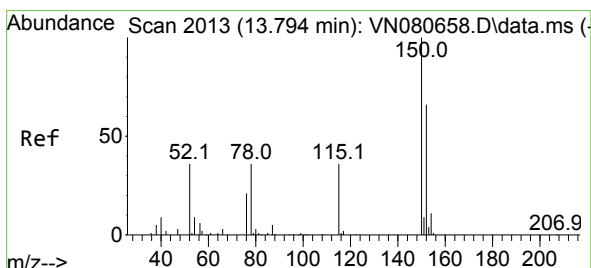
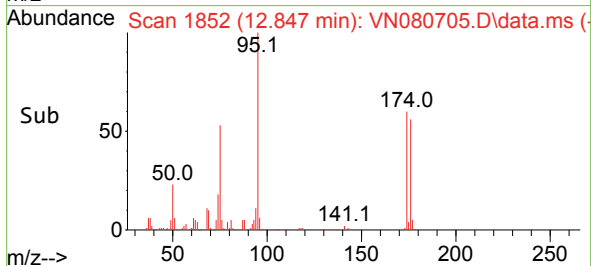
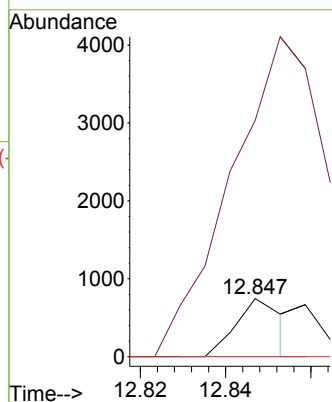
Tgt Ion:173 Resp: 565

Ion Ratio Lower Upper

173 100

175 939.5 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# 2013

Delta R.T. 0.000 min

Lab File: VN080705.D

Acq: 12 Jan 2024 21:16

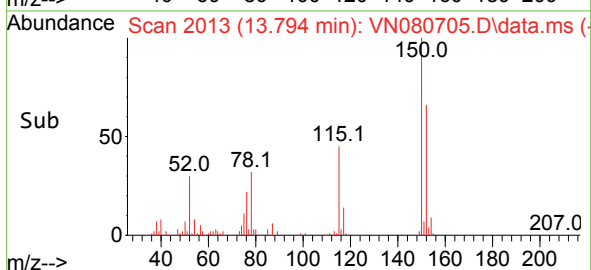
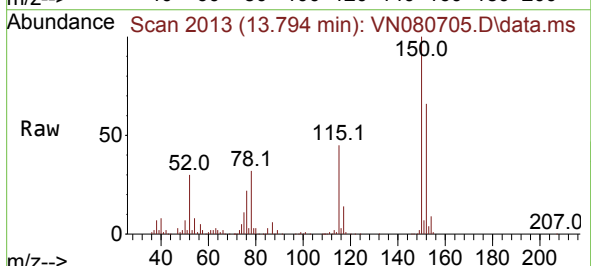
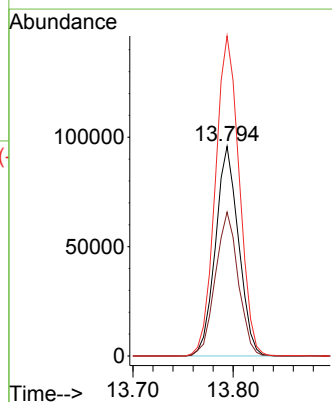
Tgt Ion:152 Resp: 152995

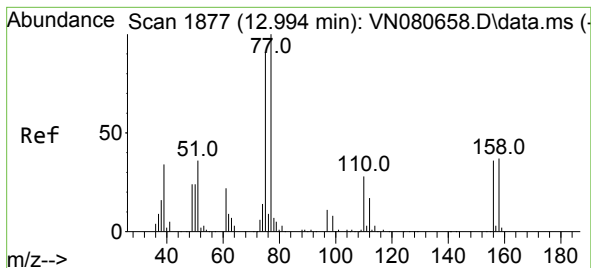
Ion Ratio Lower Upper

152 100

115 68.2 32.3 96.8

150 158.1 0.0 355.8





#76

1,2,3-Trichloropropane

Concen: 17.781 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN080705.D

Acq: 12 Jan 2024 21:16

Instrument :

MSVOA_N

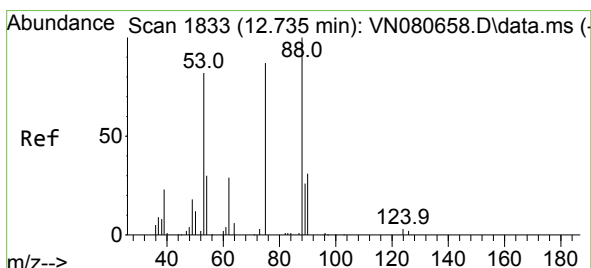
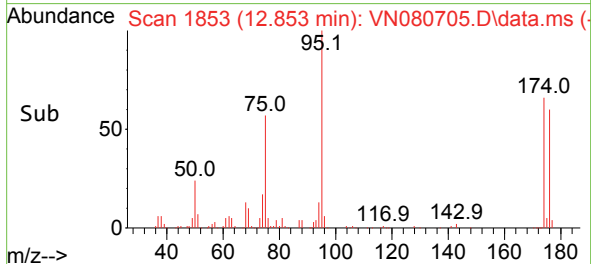
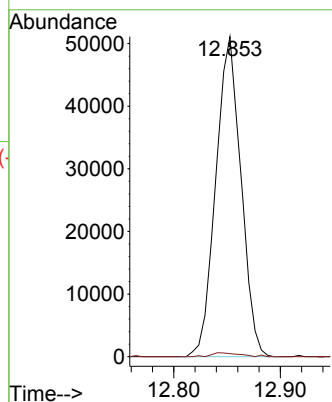
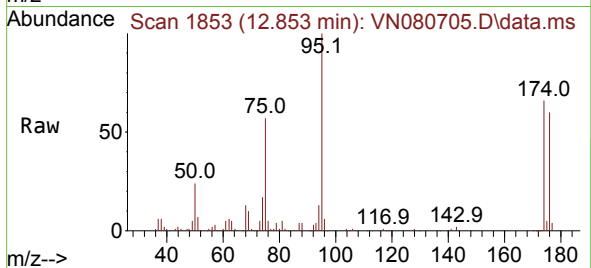
ClientSampleId :

Tgt Ion: 75 Resp: 83885

Ion Ratio Lower Upper

75 100

77 1.3 84.5 253.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 41.917 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN080705.D

Acq: 12 Jan 2024 21:16

Tgt Ion: 75 Resp: 83885

Ion Ratio Lower Upper

75 100

53 0.1 67.4 101.2#

89 0.0 38.8 58.2#

