

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082277.D
 Acq On : 22 May 2024 06:45
 Operator : JC\MD
 Sample : P2494-17 40X
 Misc : 4.99g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 17

Quant Time: May 22 07:43:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

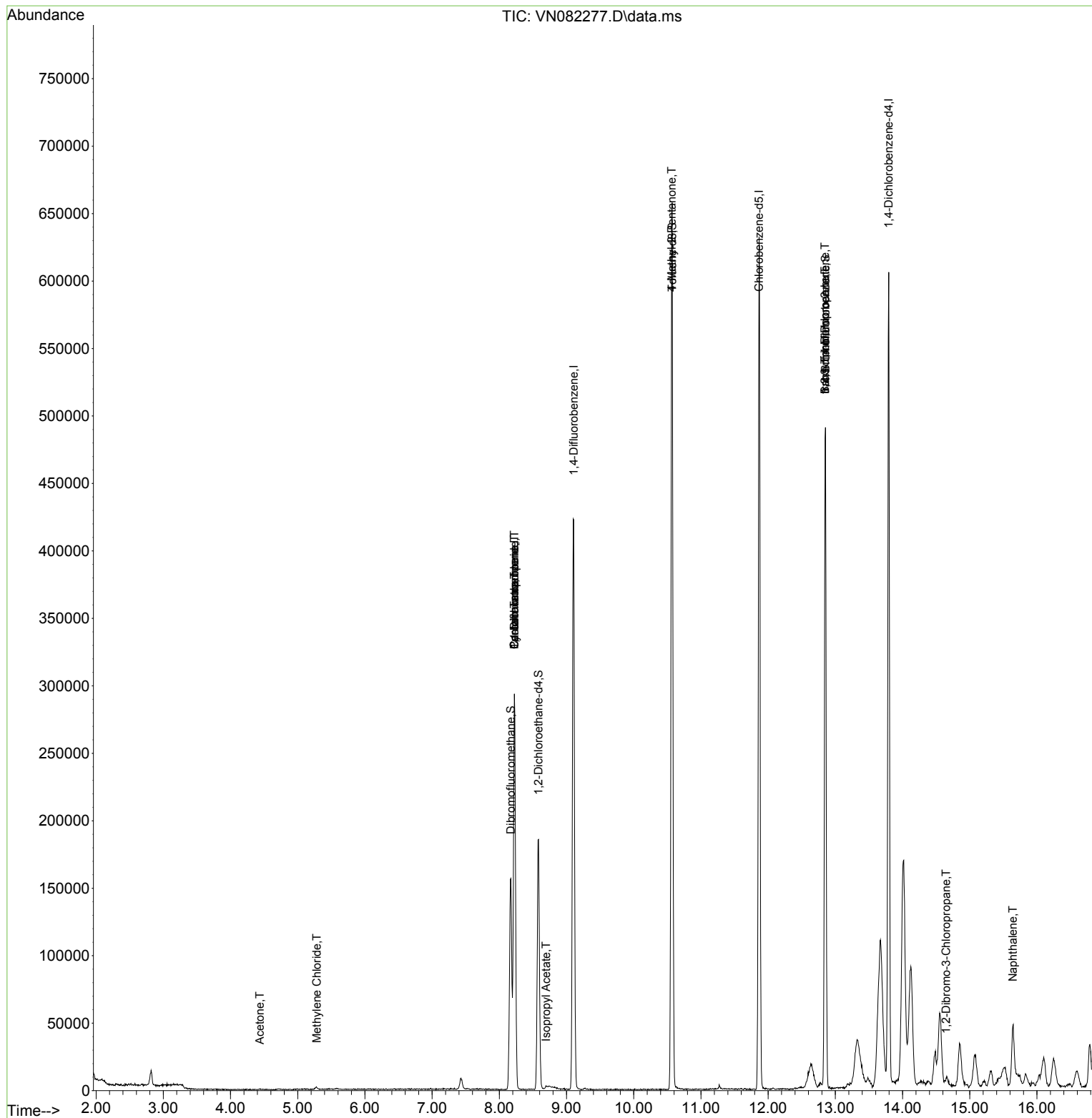
Internal Standards						
1) Pentafluorobenzene	8.224	168	200902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	346570	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	329971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	146924	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	156169	49.229	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.460%		
35) Dibromofluoromethane	8.171	113	109970	51.582	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.160%		
50) Toluene-d8	10.571	98	433326	53.015	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	106.020%		
62) 4-Bromofluorobenzene	12.853	95	162410	55.670	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	111.340%		
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	863	0.663	ug/l #	43
20) Methylene Chloride	5.283	84	689	0.262	ug/l #	62
31) Cyclohexane	8.224	56	5942	1.173	ug/l #	31
36) 1,1-Dichloropropene	8.224	75	18019	5.039	ug/l #	49
38) Carbon Tetrachloride	8.224	117	22161	6.114	ug/l #	16
43) Isopropyl Acetate	8.694	43	1446	0.204	ug/l #	52
51) 4-Methyl-2-Pentanone	10.565	43	2645	0.657	ug/l #	1
71) Bromoform	12.847	173	660	1.042	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	95320	30.824	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	95320	72.096	ug/l #	13
92) 1,2-Dibromo-3-Chloropr...	14.647	75	213	0.308	ug/l #	1
95) Naphthalene	15.641	128	25944	3.096	ug/l #	86

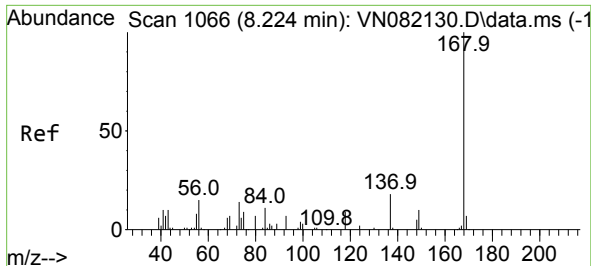
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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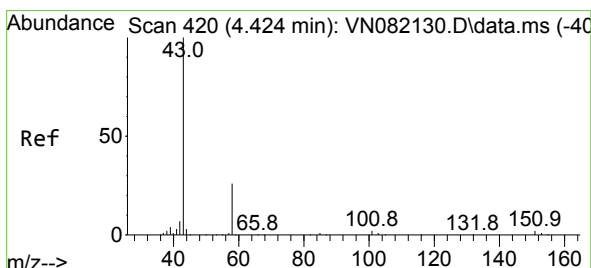
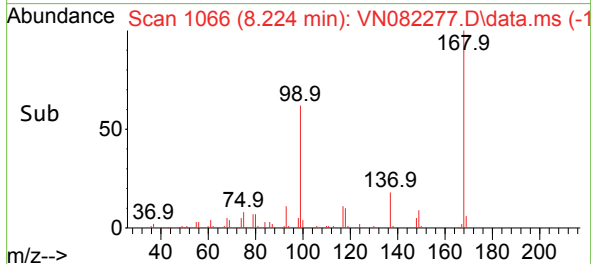
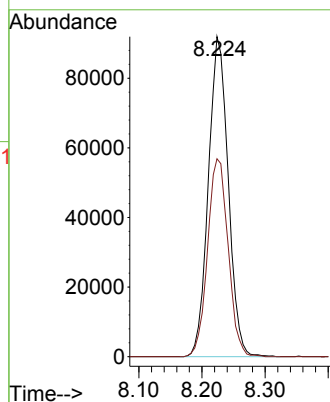
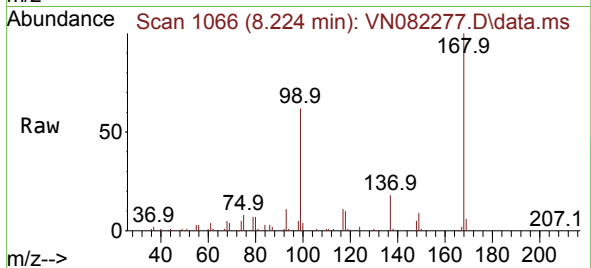




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082277.D
Acq: 22 May 2024 06:45

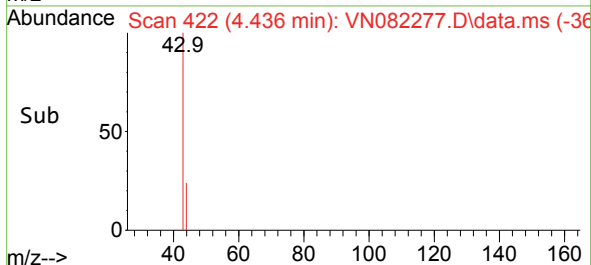
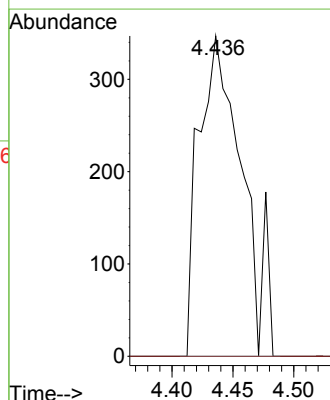
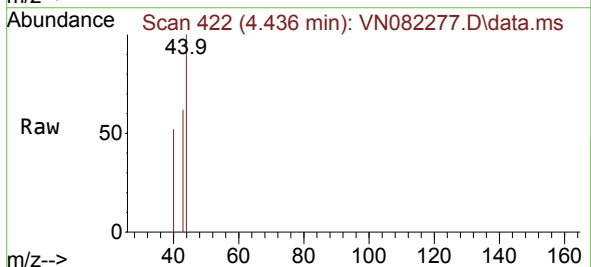
Instrument :
MSVOA_N
ClientSampleId :
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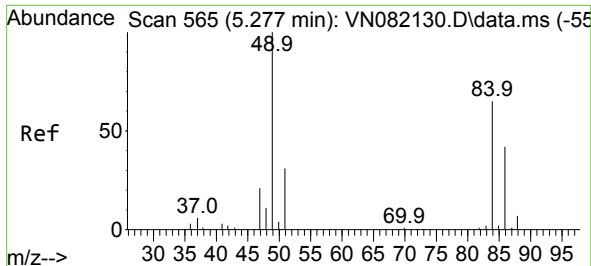
Tgt Ion:168 Resp: 200902
Ion Ratio Lower Upper
168 100
99 61.9 48.2 72.4



#16
Acetone
Concen: 0.663 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082277.D
Acq: 22 May 2024 06:45

Tgt Ion: 43 Resp: 863
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#

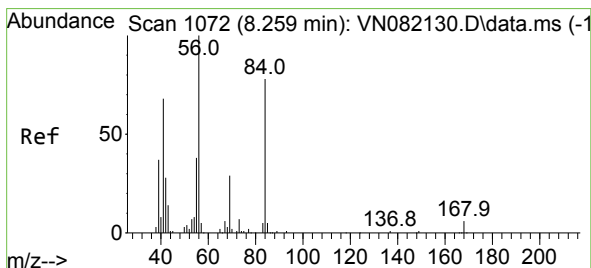
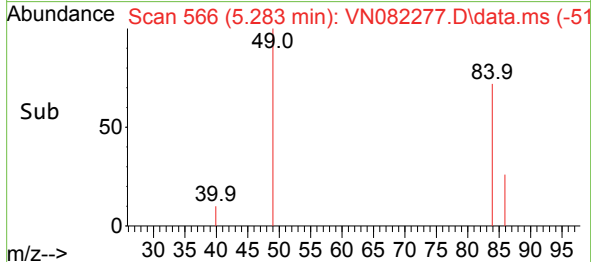
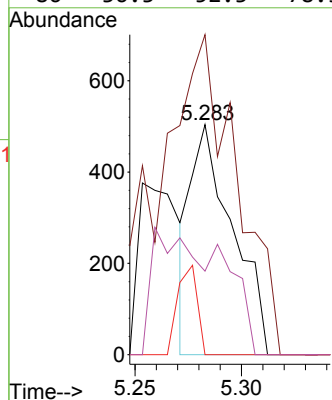
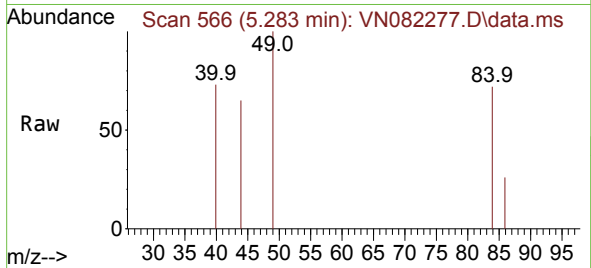




#20
Methylene Chloride
Concen: 0.262 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082277.D
Acq: 22 May 2024 06:45

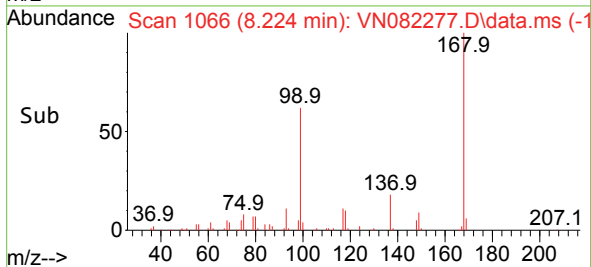
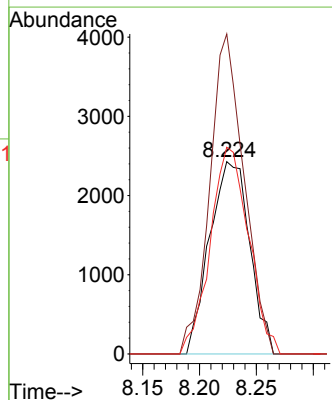
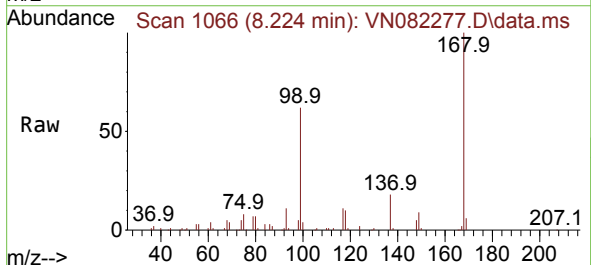
Instrument :
MSVOA_N
ClientSampleId :
17

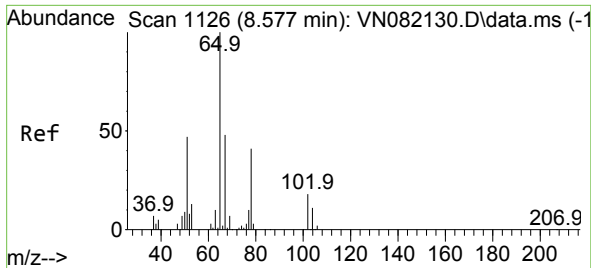
Tgt Ion: 84	Resp: 689
Ion Ratio	Lower Upper
84	100
49	139.1 84.9 127.3#
51	0.0 27.0 40.6#
86	36.3 52.3 78.5#



#31
Cyclohexane
Concen: 1.173 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082277.D
Acq: 22 May 2024 06:45

Tgt Ion: 56	Resp: 5942
Ion Ratio	Lower Upper
56	100
69	166.4 24.4 36.6#
84	107.5 77.0 115.4





#33

1,2-Dichloroethane-d4

Concen: 49.229 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082277.D

Acq: 22 May 2024 06:45

Instrument :

MSVOA_N

ClientSampleId :

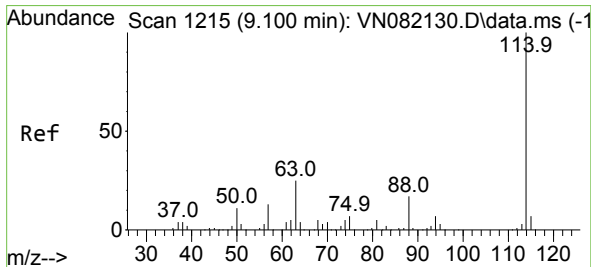
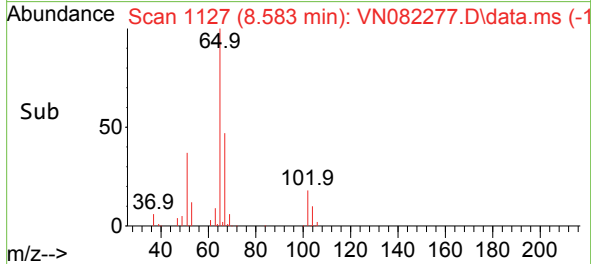
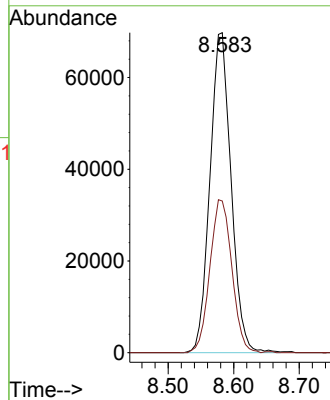
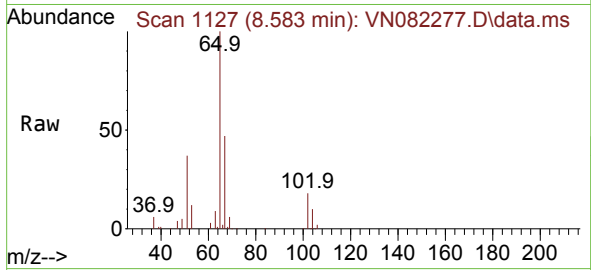
17

Tgt Ion: 65 Resp: 156169

Ion Ratio Lower Upper

65 100

67 49.6 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082277.D

Acq: 22 May 2024 06:45

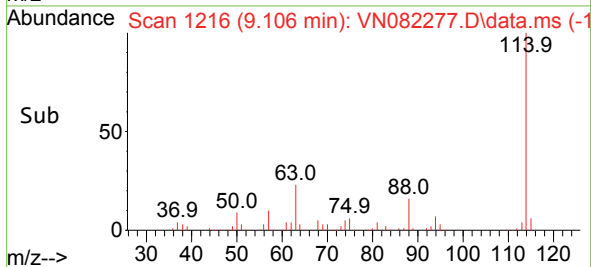
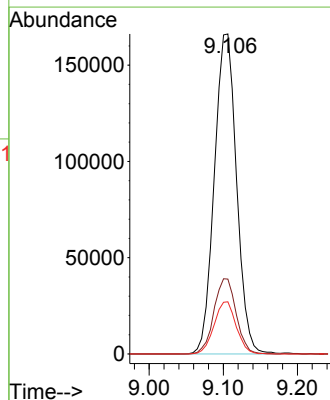
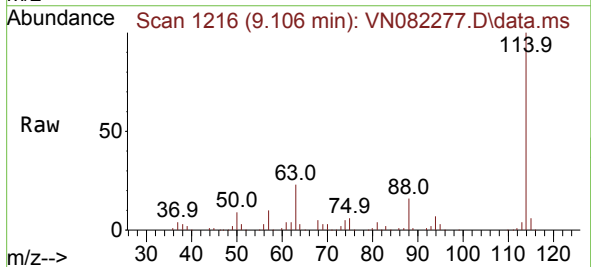
Tgt Ion: 114 Resp: 346570

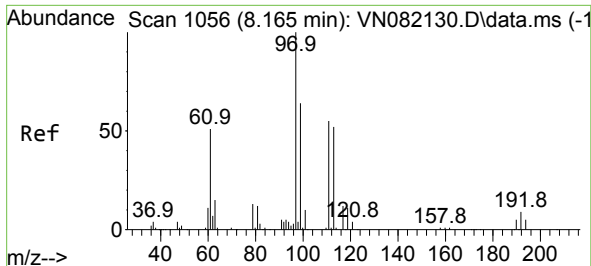
Ion Ratio Lower Upper

114 100

63 23.4 0.0 41.0

88 16.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.582 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN082277.D

Acq: 22 May 2024 06:45

Instrument :

MSVOA_N

ClientSampleId :

17

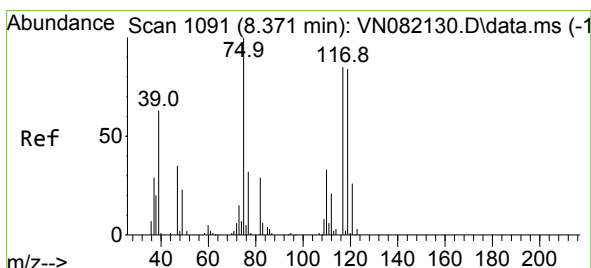
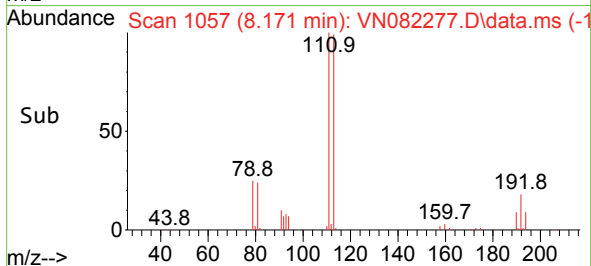
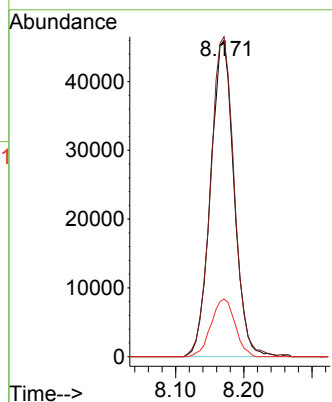
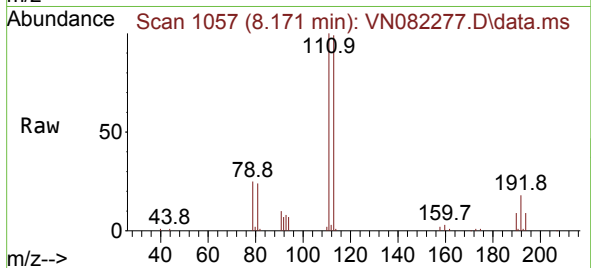
Tgt Ion:113 Resp: 109970

Ion Ratio Lower Upper

113 100

111 102.3 83.4 125.2

192 18.7 14.0 21.0



#36

1,1-Dichloropropene

Concen: 5.039 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN082277.D

Acq: 22 May 2024 06:45

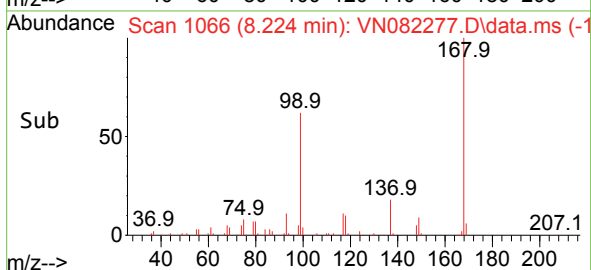
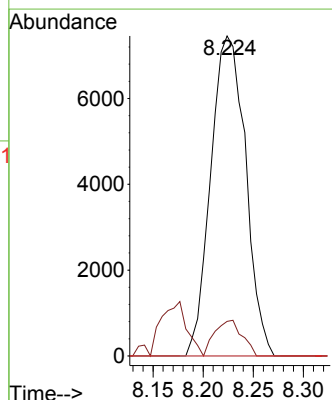
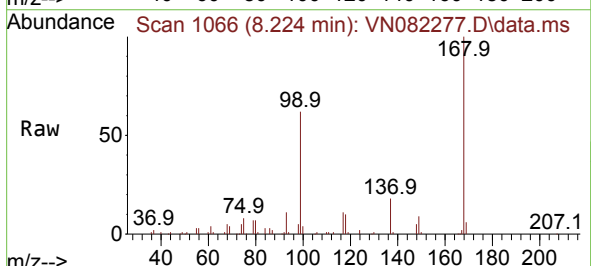
Tgt Ion: 75 Resp: 18019

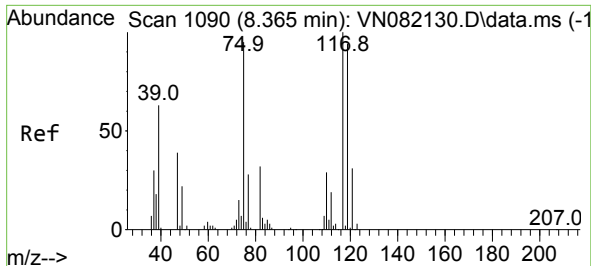
Ion Ratio Lower Upper

75 100

110 8.8 17.8 53.5#

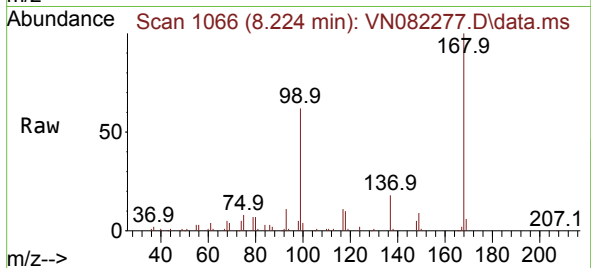
77 0.0 25.0 37.4#



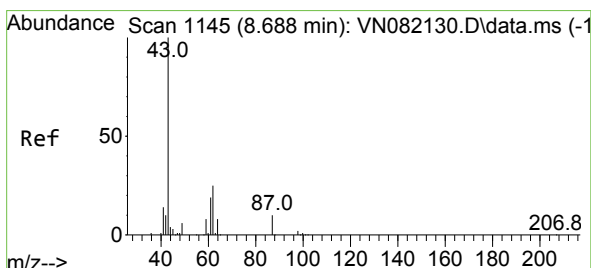
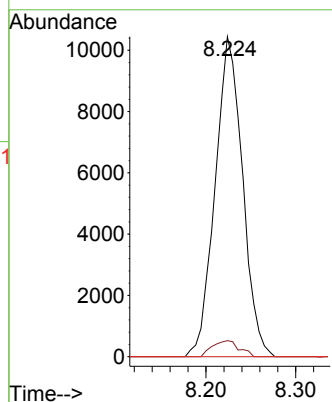
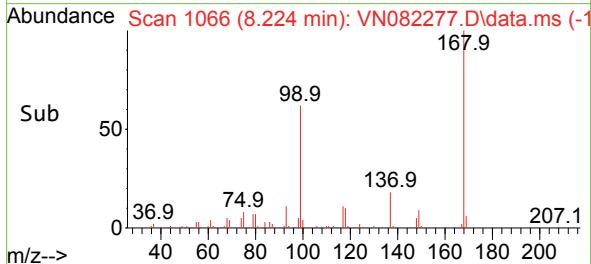


#38
Carbon Tetrachloride
Concen: 6.114 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.141 min
Lab File: VN082277.D
Acq: 22 May 2024 06:45

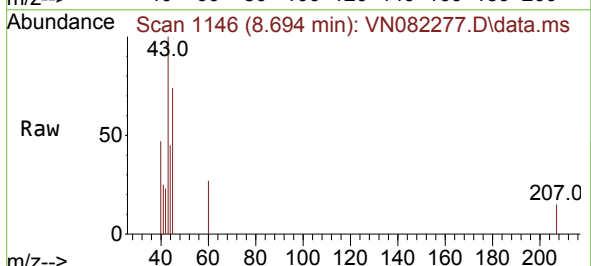
Instrument :
MSVOA_N
ClientSampleId :
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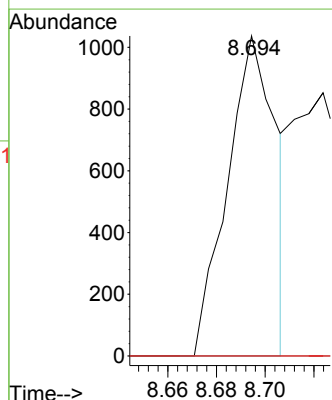
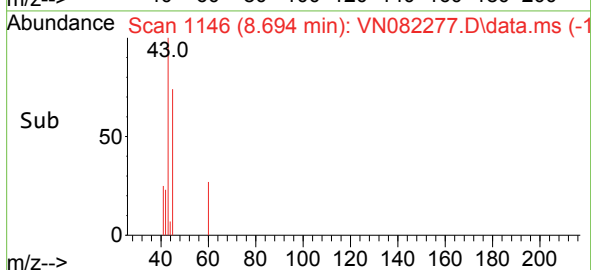
Tgt Ion:117 Resp: 22161
Ion Ratio Lower Upper
117 100
119 5.0 76.5 114.7#
121 0.0 23.9 35.9#

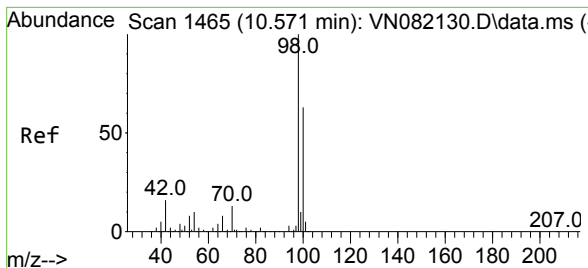


#43
Isopropyl Acetate
Concen: 0.204 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN082277.D
Acq: 22 May 2024 06:45



Tgt Ion: 43 Resp: 1446
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#

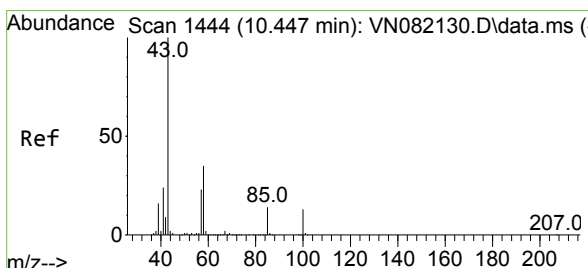
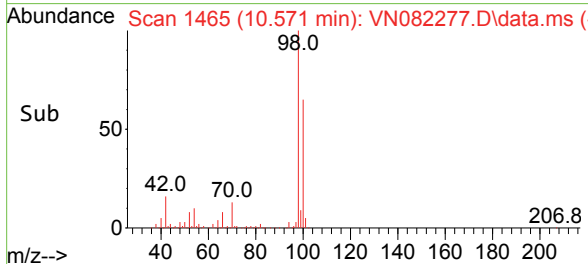
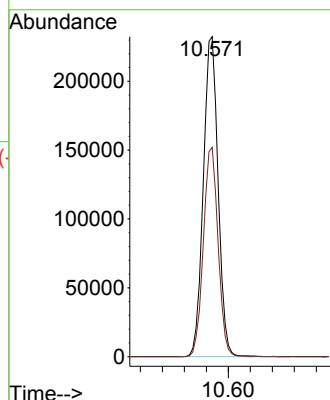
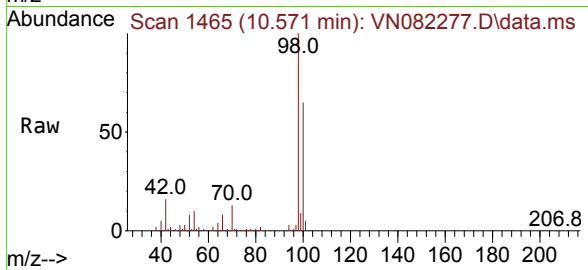




#50
Toluene-d8
Concen: 53.015 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082277.D
Acq: 22 May 2024 06:45

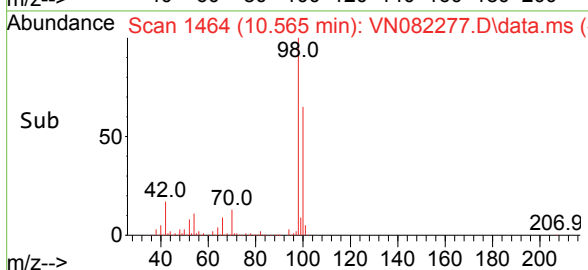
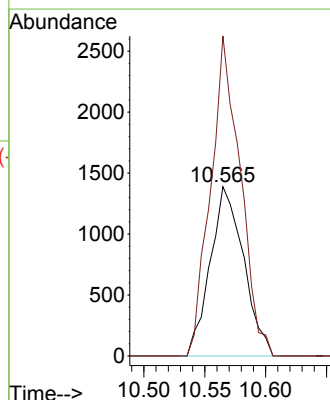
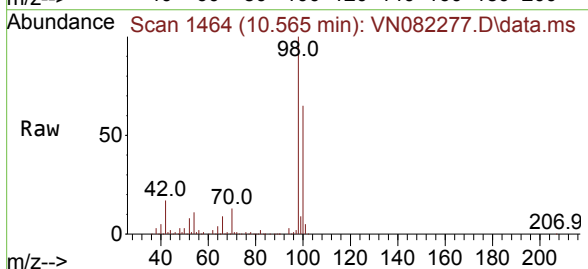
Instrument :
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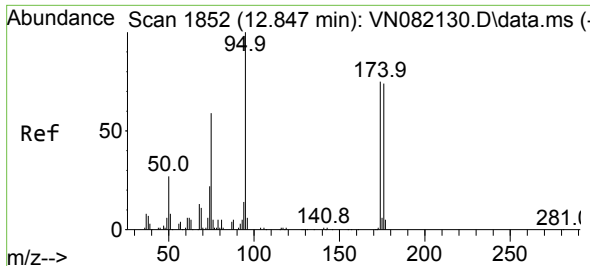
Tgt Ion: 98 Resp: 433326
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 0.657 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN082277.D
Acq: 22 May 2024 06:45

Tgt Ion: 43 Resp: 2645
Ion Ratio Lower Upper
43 100
58 168.2 33.2 49.8#

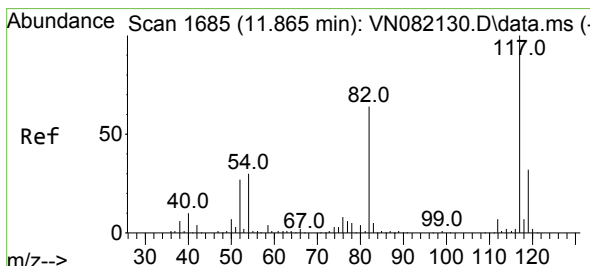
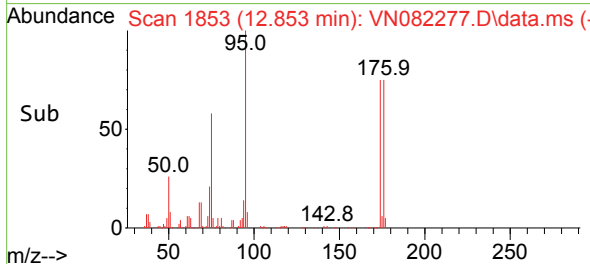
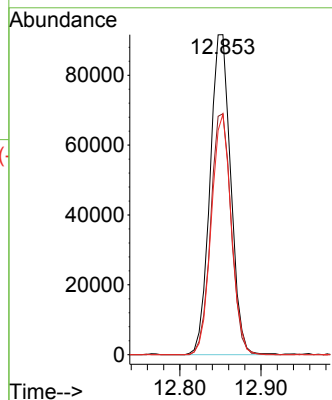
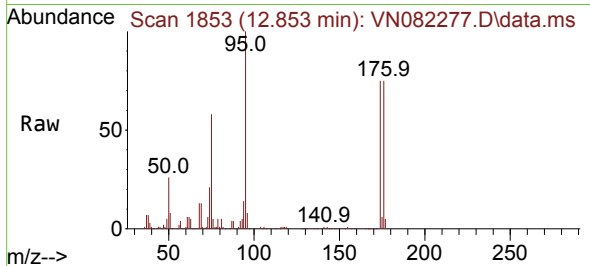




#62
4-Bromofluorobenzene
Concen: 55.670 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082277.D
Acq: 22 May 2024 06:45

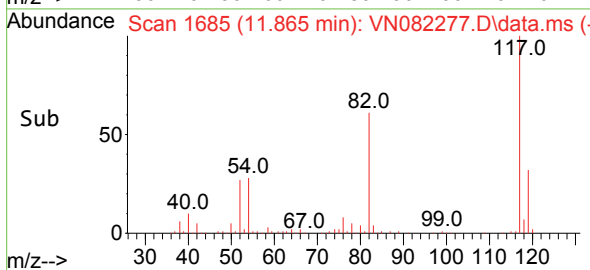
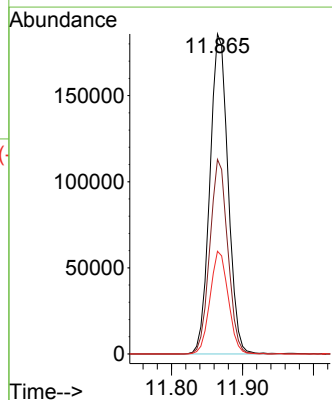
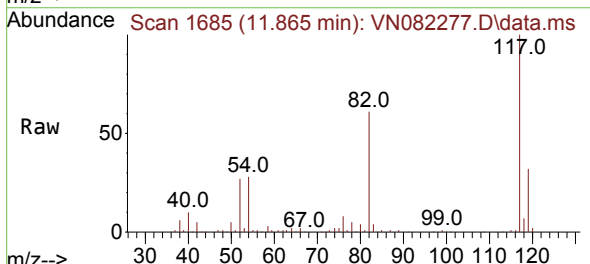
Instrument :
MSVOA_N
ClientSampleId :
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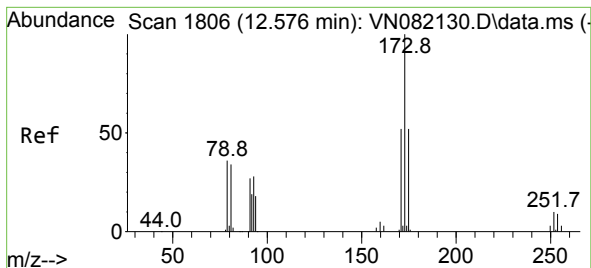
Tgt Ion: 95 Resp: 162410
Ion Ratio Lower Upper
95 100
174 74.3 0.0 160.6
176 72.2 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN082277.D
Acq: 22 May 2024 06:45

Tgt Ion: 117 Resp: 329971
Ion Ratio Lower Upper
117 100
82 60.8 44.6 66.8
119 32.1 25.9 38.9





#71

Bromoform

Concen: 1.042 ug/l

RT: 12.847 min Scan# 1806

Delta R.T. 0.271 min

Lab File: VN082277.D

Acq: 22 May 2024 06:45

Instrument :

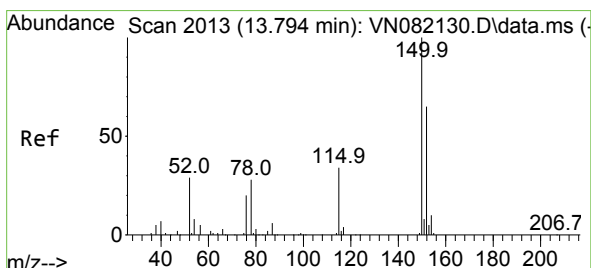
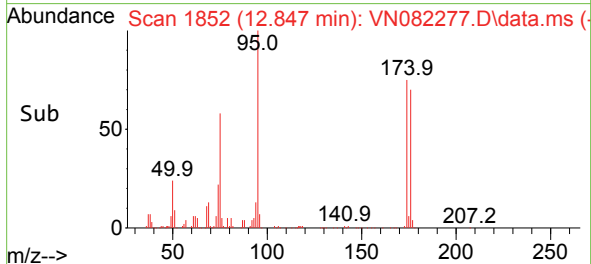
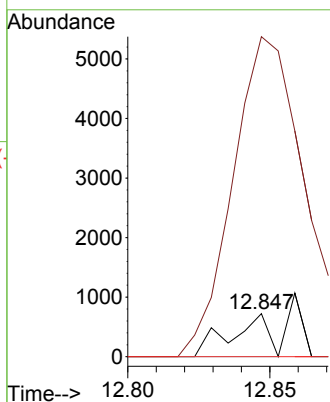
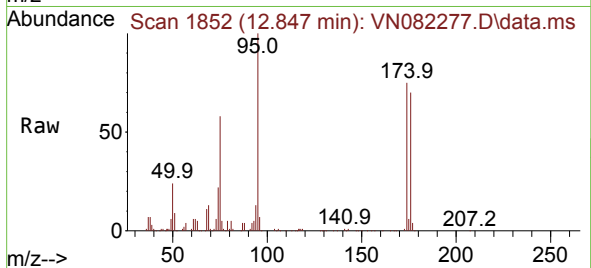
MSVOA_N

ClientSampleId :

17

Tgt Ion:173 Resp: 660

Ion	Ratio	Lower	Upper
173	100		
175	995.0	24.6	74.0#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

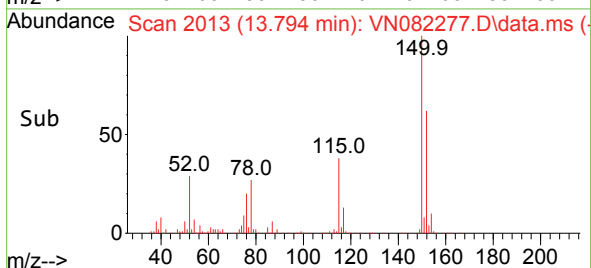
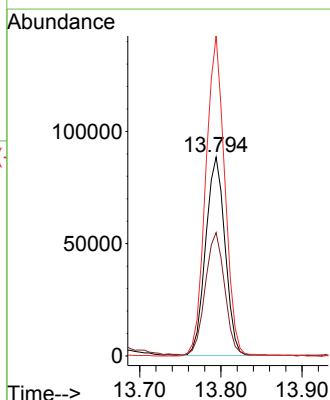
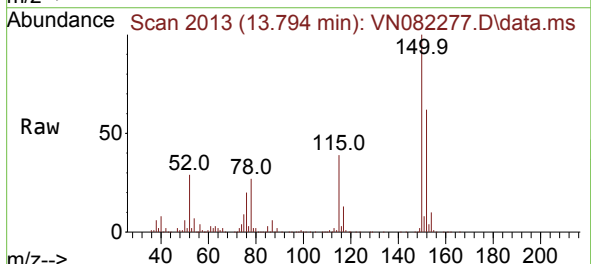
Delta R.T. 0.000 min

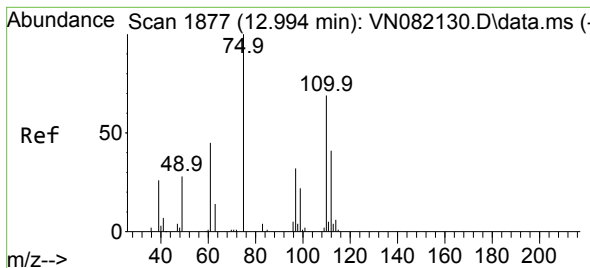
Lab File: VN082277.D

Acq: 22 May 2024 06:45

Tgt Ion:152 Resp: 146924

Ion	Ratio	Lower	Upper
152	100		
115	61.8	30.4	91.3
150	158.2	0.0	353.2





#76

1,2,3-Trichloropropane

Concen: 30.824 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN082277.D

Acq: 22 May 2024 06:45

Instrument :

MSVOA_N

ClientSampleId :

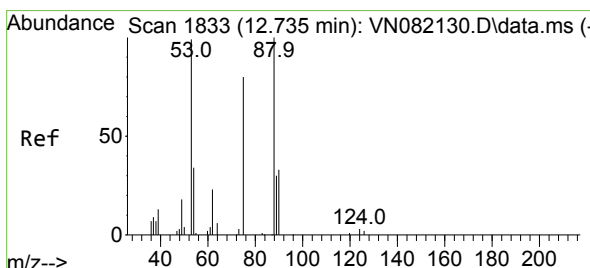
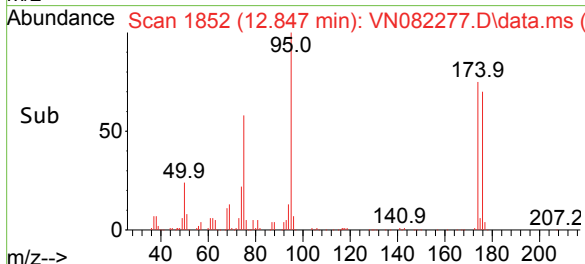
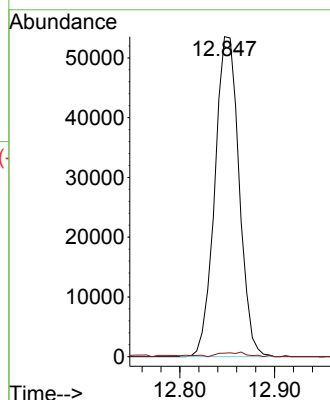
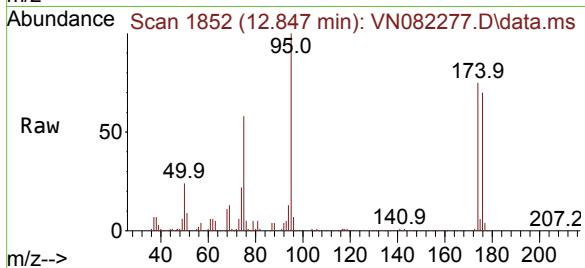
17

Tgt Ion: 75 Resp: 95320

Ion Ratio Lower Upper

75 100

77 1.6 90.5 271.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 72.096 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN082277.D

Acq: 22 May 2024 06:45

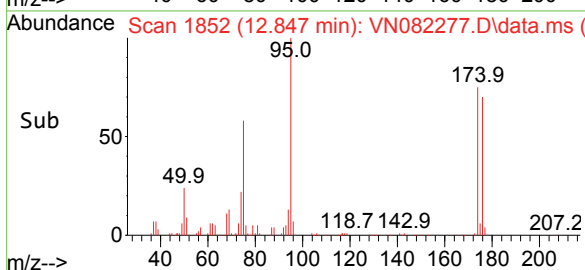
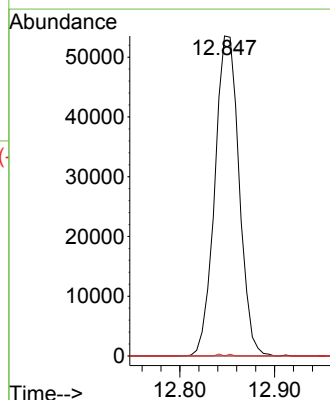
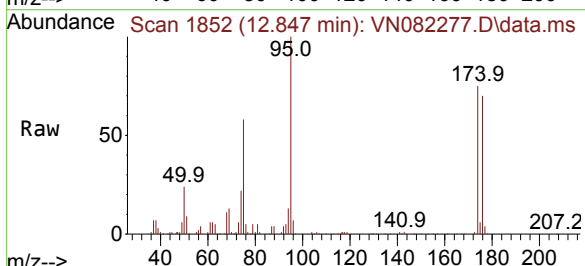
Tgt Ion: 75 Resp: 95320

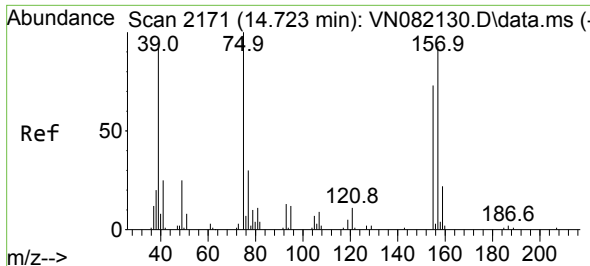
Ion Ratio Lower Upper

75 100

53 0.0 72.9 109.3#

89 0.2 39.1 58.7#

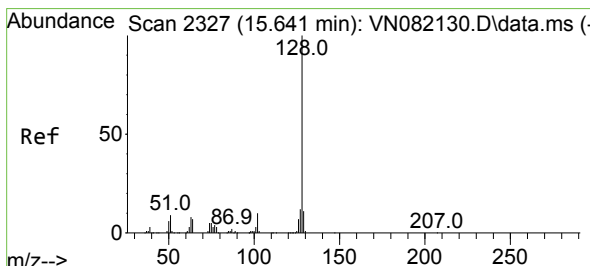
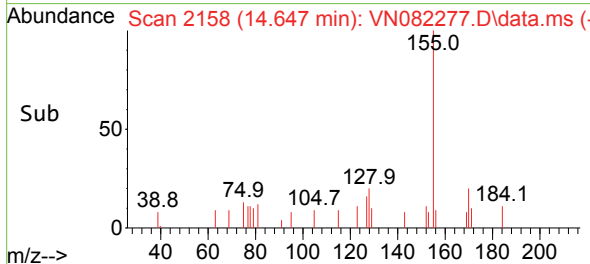
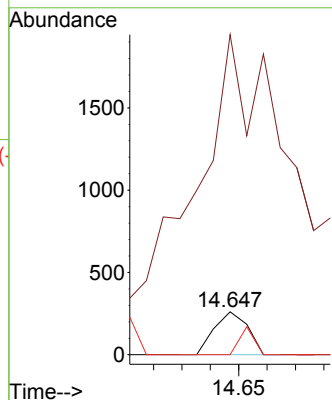
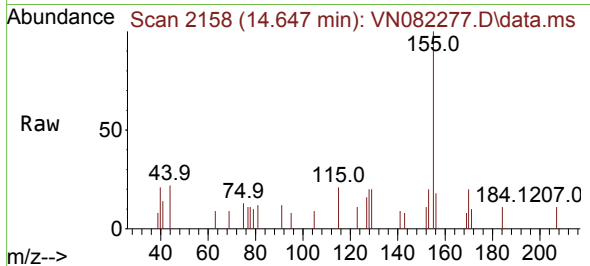




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.308 ug/l
 RT: 14.647 min Scan# 2158
 Delta R.T. -0.076 min
 Lab File: VN082277.D
 Acq: 22 May 2024 06:45

Instrument :
 MSVOA_N
 ClientSampleId :
 17

Tgt Ion: 75 Resp: 213
 Ion Ratio Lower Upper
 75 100
 155 2668.1 42.6 128.0#
 157 0.0 53.0 159.0#



#95
 Naphthalene
 Concen: 3.096 ug/l
 RT: 15.641 min Scan# 2327
 Delta R.T. 0.000 min
 Lab File: VN082277.D
 Acq: 22 May 2024 06:45

Tgt Ion: 128 Resp: 25944
 Ion Ratio Lower Upper
 128 100
 127 17.1 10.1 15.1#
 129 17.5 8.9 13.3#

