

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071124\
 Data File : VN082879.D
 Acq On : 11 Jul 2024 16:20
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 12 01:08:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

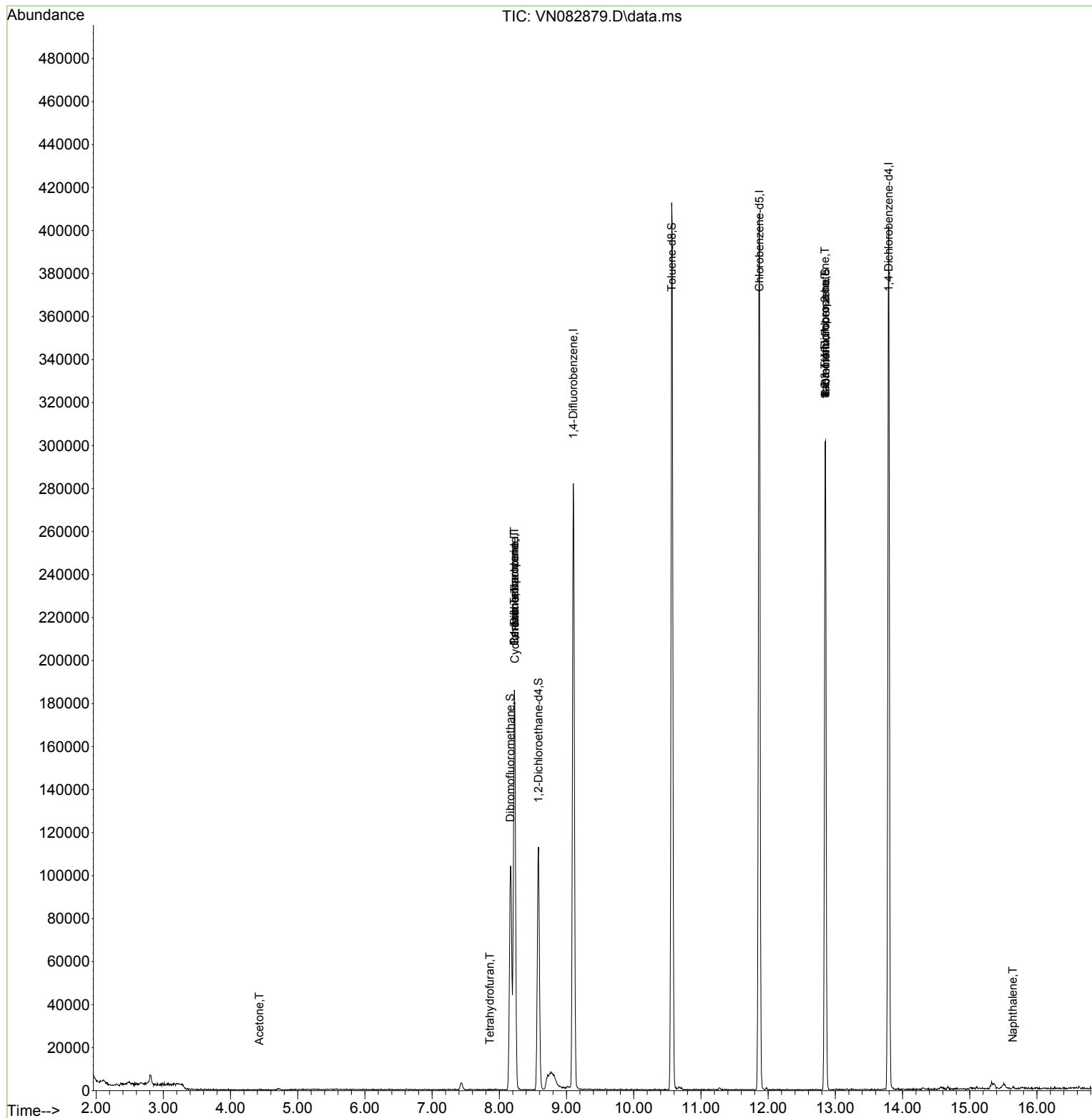
Internal Standards						
1) Pentafluorobenzene	8.224	168	132617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	238892	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	232439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	105063	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	94156	50.648	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.300%	
35) Dibromofluoromethane	8.165	113	75641	49.345	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.680%	
50) Toluene-d8	10.565	98	283259	50.030	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.060%	
62) 4-Bromofluorobenzene	12.853	95	102177	50.240	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 100.480%	
Target Compounds						Qvalue
16) Acetone	4.430	43	186	0.284	ug/l #	48
29) Tetrahydrofuran	7.859	42	200	0.321	ug/l #	38
31) Cyclohexane	8.230	56	3272	1.346	ug/l #	26
36) 1,1-Dichloropropene	8.224	75	11625	5.500	ug/l #	49
38) Carbon Tetrachloride	8.224	117	14310	5.623	ug/l #	17
43) Isopropyl Acetate	8.718	43	6147	Below Cal	#	60
71) Bromoform	12.853	173	920	0.660	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	56986	31.461	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	56986	61.874	ug/l #	6
95) Naphthalene	15.641	128	1486	0.233	ug/l #	69

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

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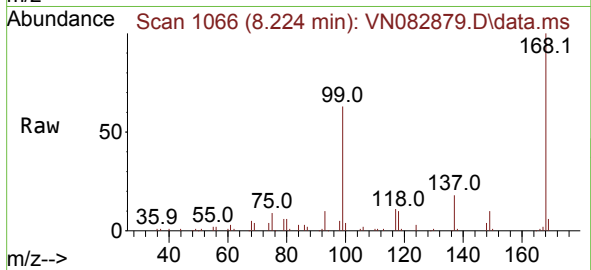
Quant Time: Jul 12 01:08:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
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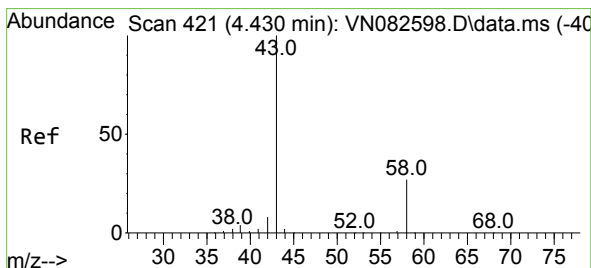
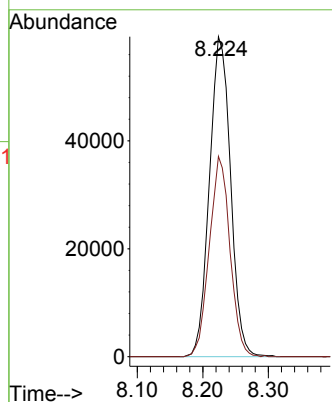
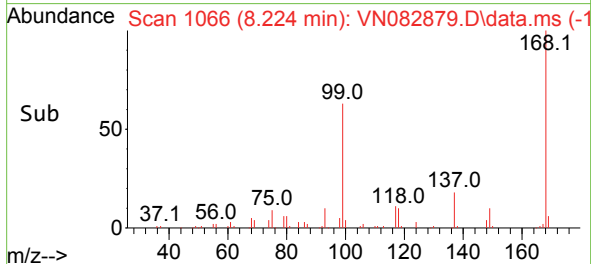


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082879.D
Acq: 11 Jul 2024 16:20

Instrument :
MSVOA_N
ClientSampleId :

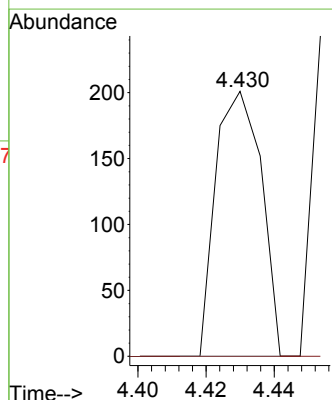
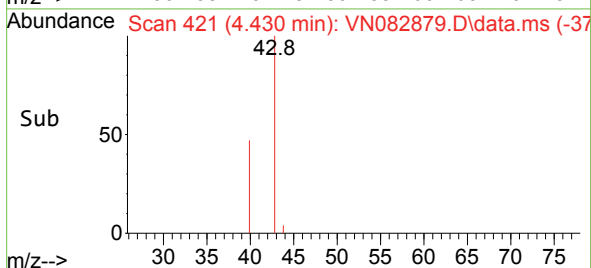
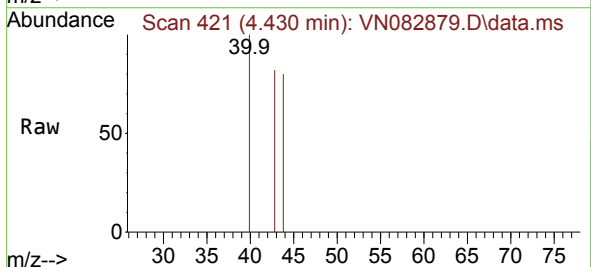


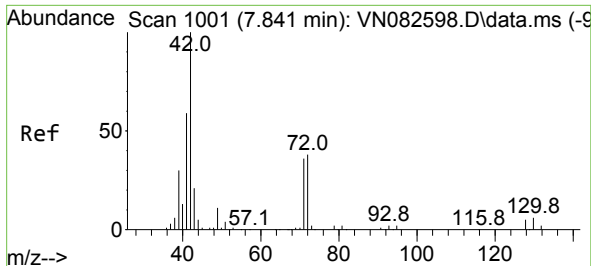
Tgt Ion:168 Resp: 132617
Ion Ratio Lower Upper
168 100
99 62.6 48.2 72.4



#16
Acetone
Concen: 0.284 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN082879.D
Acq: 11 Jul 2024 16:20

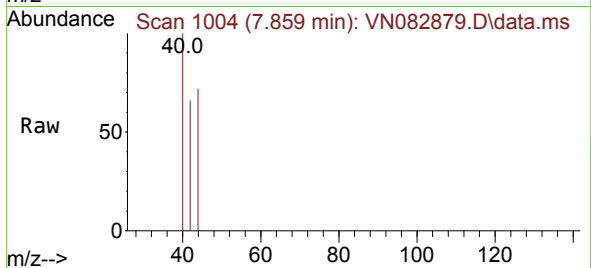
Tgt Ion: 43 Resp: 186
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



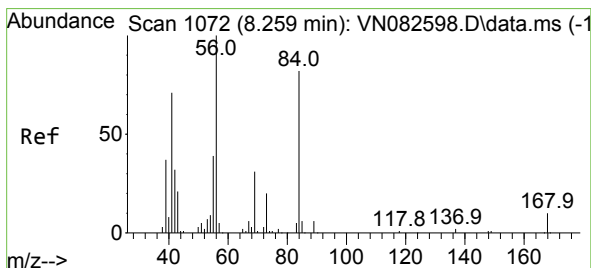
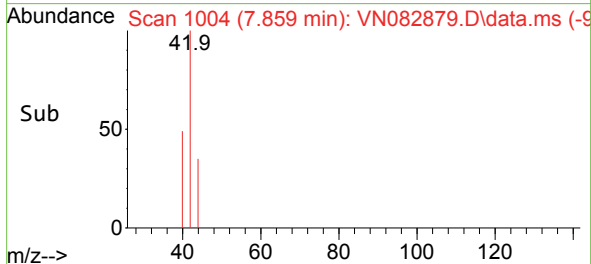
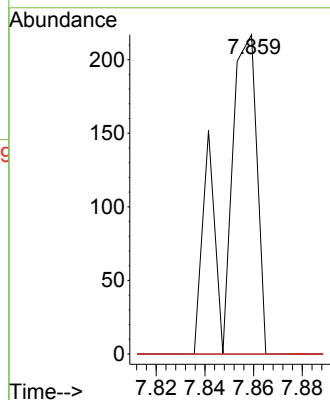


#29
Tetrahydrofuran
Concen: 0.321 ug/l
RT: 7.859 min Scan# 1004
Delta R.T. 0.018 min
Lab File: VN082879.D
Acq: 11 Jul 2024 16:20

Instrument :
MSVOA_N
ClientSampleId :

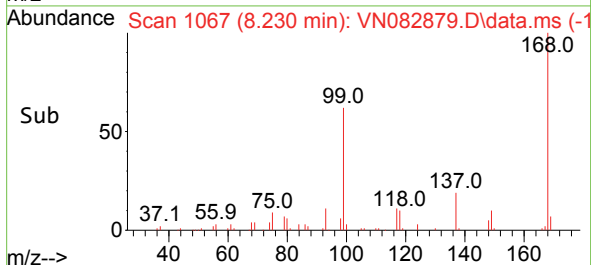
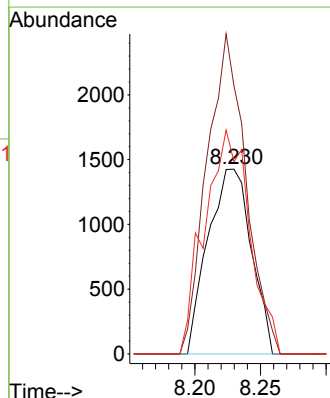
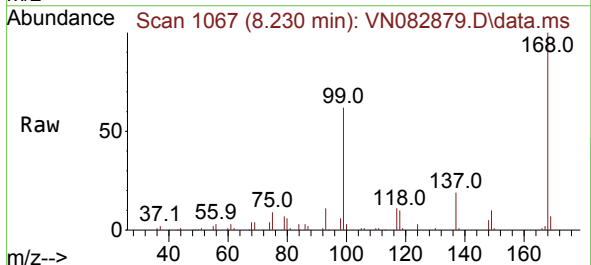


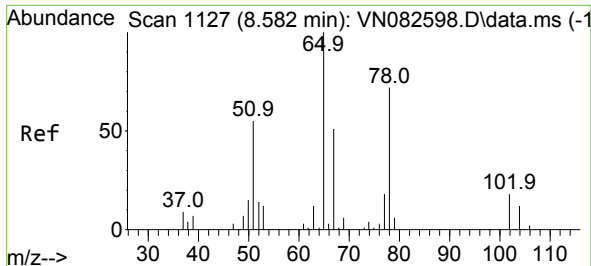
Tgt Ion: 42 Resp: 200
Ion Ratio Lower Upper
42 100
72 0.0 30.0 45.0#
71 0.0 28.3 42.5#



#31
Cyclohexane
Concen: 1.346 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082879.D
Acq: 11 Jul 2024 16:20

Tgt Ion: 56 Resp: 3272
Ion Ratio Lower Upper
56 100
69 145.2 24.5 36.7#
84 104.1 66.0 99.0#





#33

1,2-Dichloroethane-d4

Concen: 50.648 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN082879.D

Acq: 11 Jul 2024 16:20

Instrument :

MSVOA_N

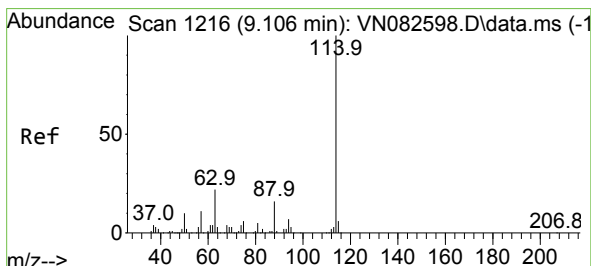
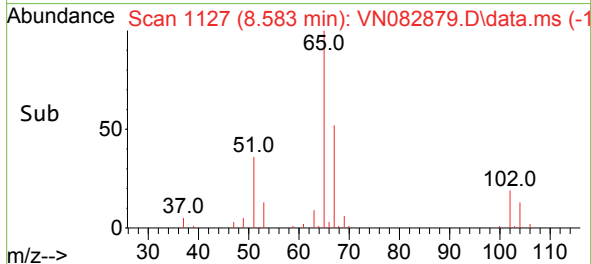
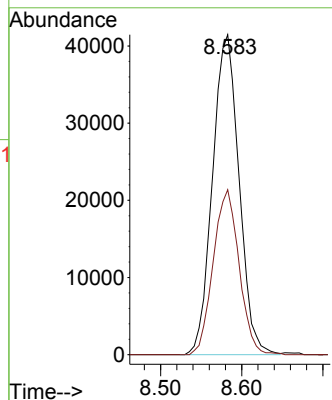
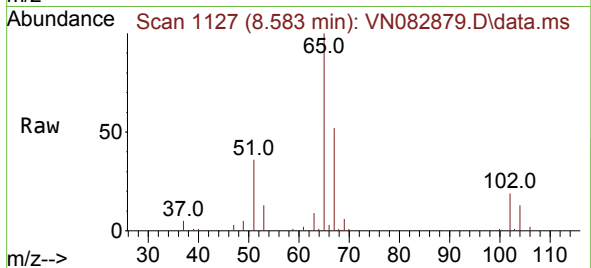
ClientSampleId :

Tgt Ion: 65 Resp: 94156

Ion Ratio Lower Upper

65 100

67 50.3 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN082879.D

Acq: 11 Jul 2024 16:20

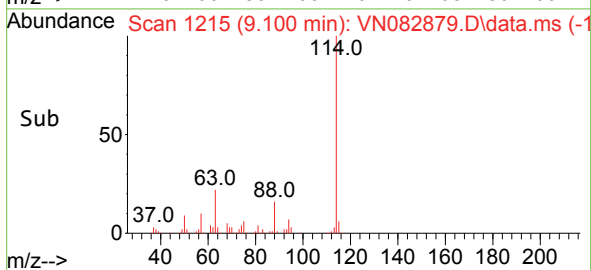
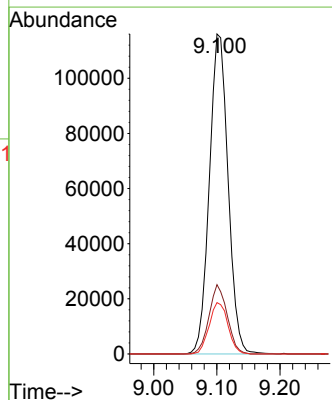
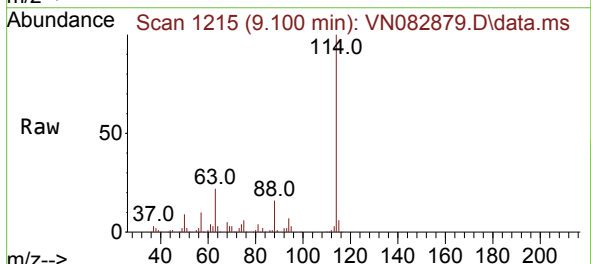
Tgt Ion: 114 Resp: 238892

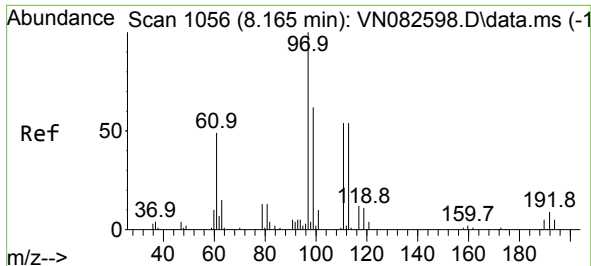
Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.6

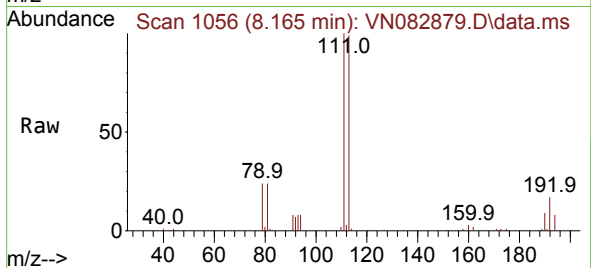
88 16.0 0.0 31.4



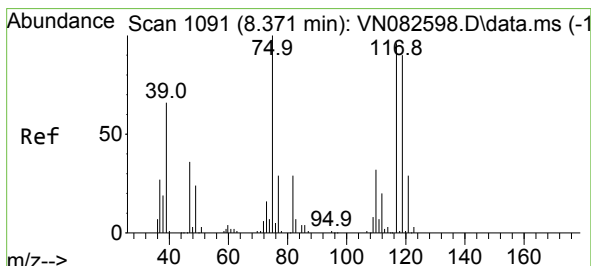
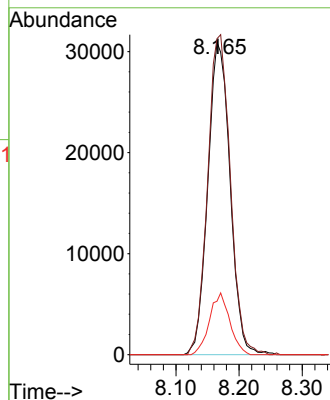
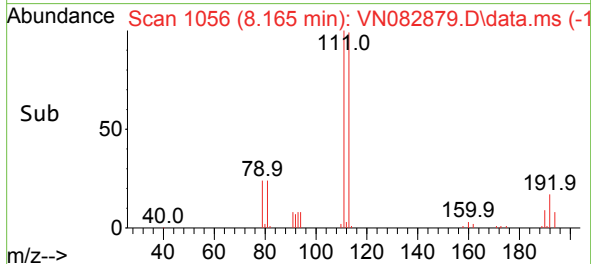


#35
Dibromofluoromethane
Concen: 49.345 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN082879.D
Acq: 11 Jul 2024 16:20

Instrument :
MSVOA_N
ClientSampleId :

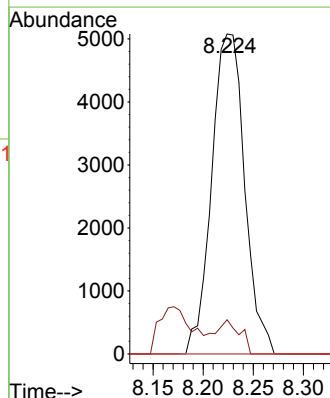
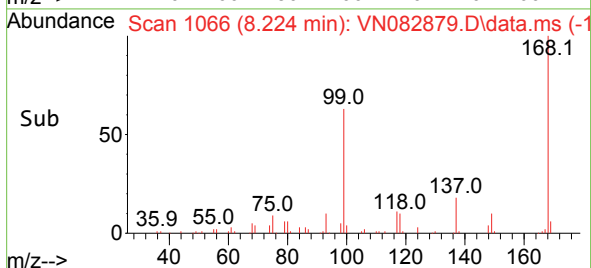
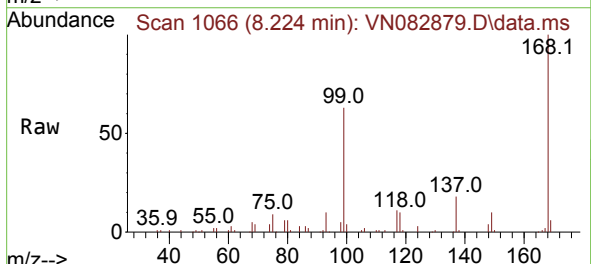


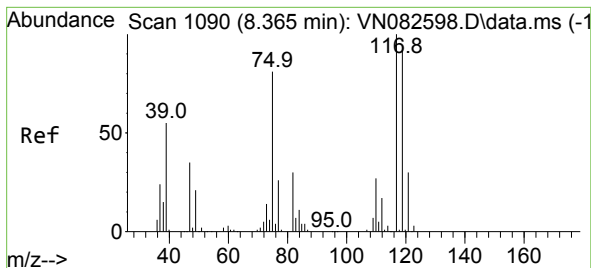
Tgt Ion:113 Resp: 75641
Ion Ratio Lower Upper
113 100
111 104.3 82.4 123.6
192 18.1 14.9 22.3



#36
1,1-Dichloropropene
Concen: 5.500 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082879.D
Acq: 11 Jul 2024 16:20

Tgt Ion: 75 Resp: 11625
Ion Ratio Lower Upper
75 100
110 6.3 16.3 48.9#
77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.623 ug/l

RT: 8.224 min Scan# 110

Delta R.T. -0.141 min

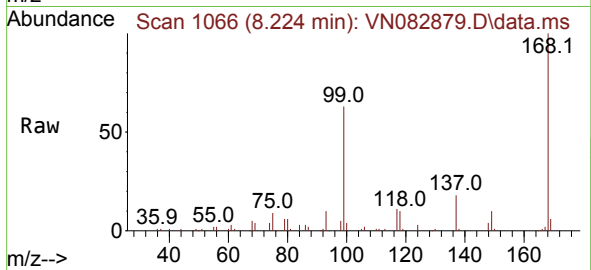
Lab File: VN082879.D

Acq: 11 Jul 2024 16:20

Instrument :

MSVOA_N

ClientSampleId :



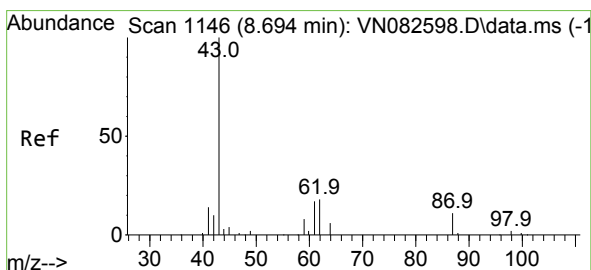
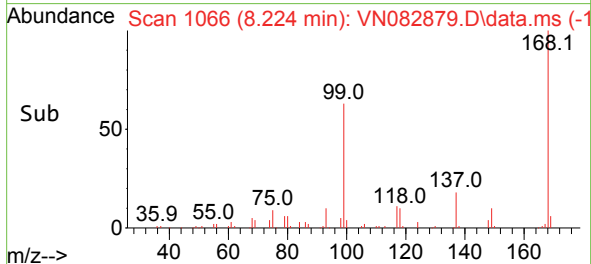
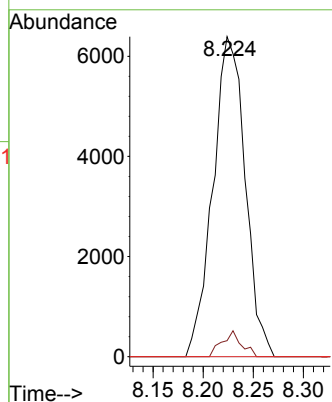
Tgt Ion:117 Resp: 14310

Ion Ratio Lower Upper

117 100

119 5.0 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.718 min Scan# 1150

Delta R.T. 0.024 min

Lab File: VN082879.D

Acq: 11 Jul 2024 16:20

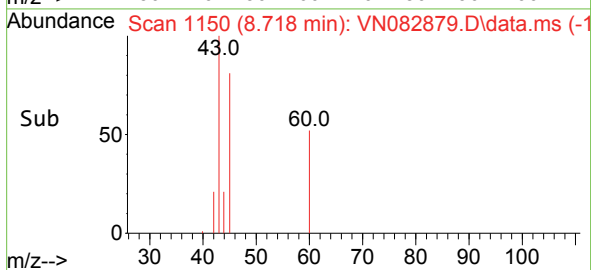
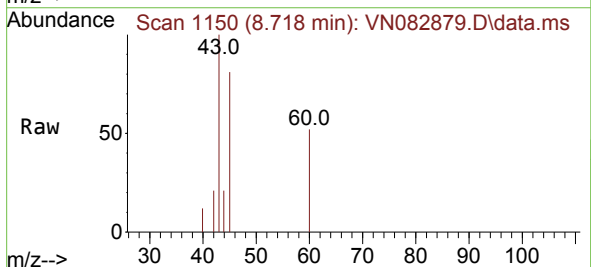
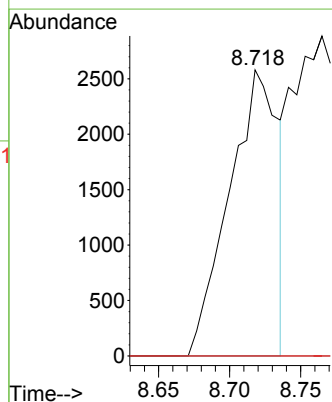
Tgt Ion: 43 Resp: 6147

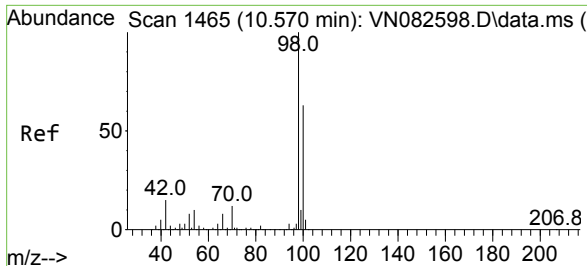
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#

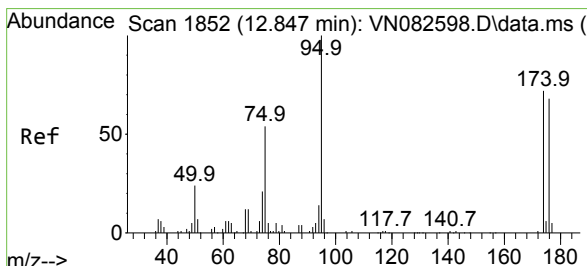
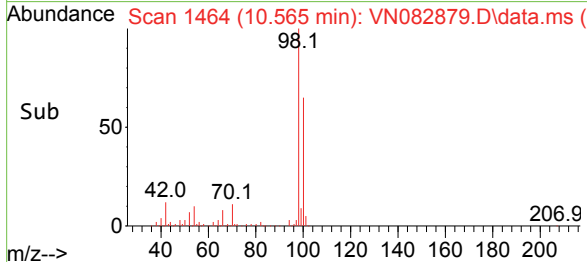
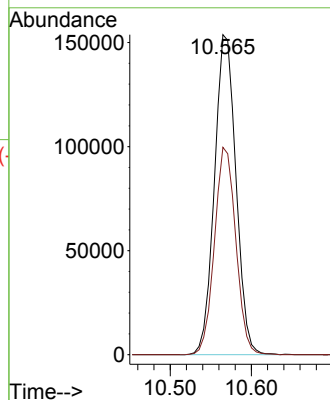
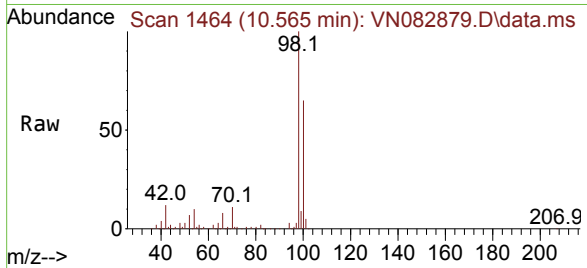




#50
Toluene-d8
Concen: 50.030 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.005 min
Lab File: VN082879.D
Acq: 11 Jul 2024 16:20

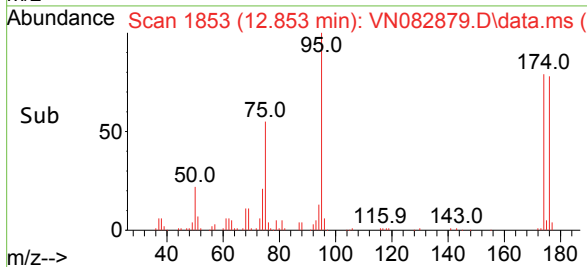
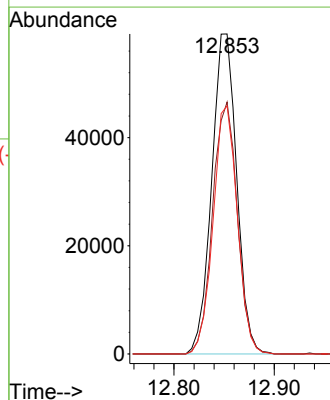
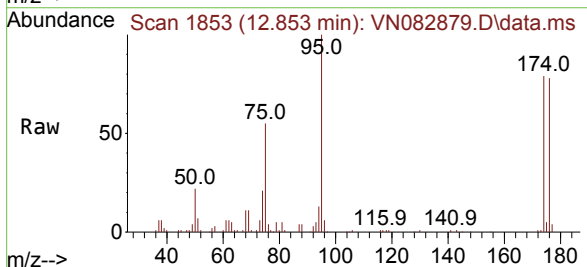
Instrument :
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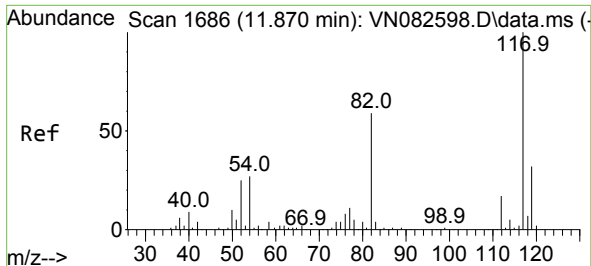
Tgt Ion: 98 Resp: 283259
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 50.240 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082879.D
Acq: 11 Jul 2024 16:20

Tgt Ion: 95 Resp: 102177
Ion Ratio Lower Upper
95 100
174 77.8 0.0 159.2
176 75.4 0.0 147.6

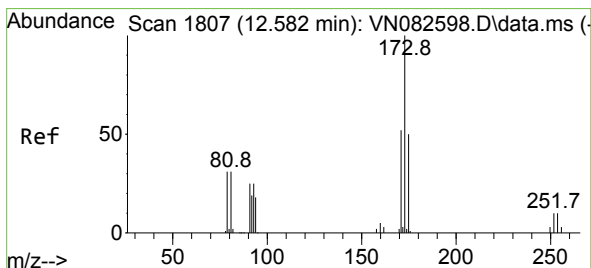
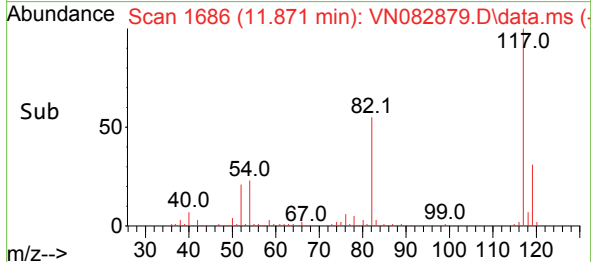
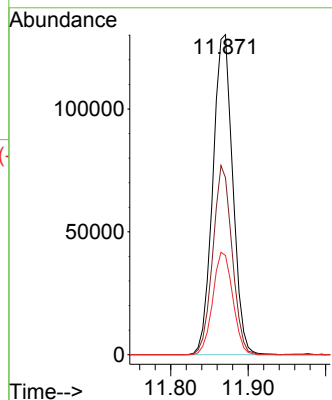
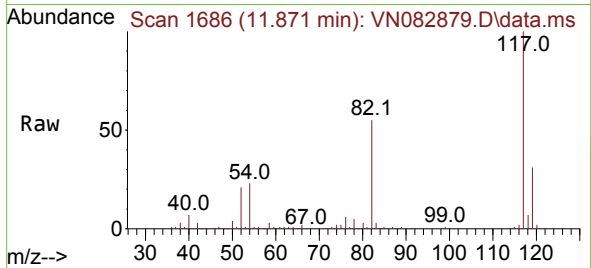




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.001 min
Lab File: VN082879.D
Acq: 11 Jul 2024 16:20

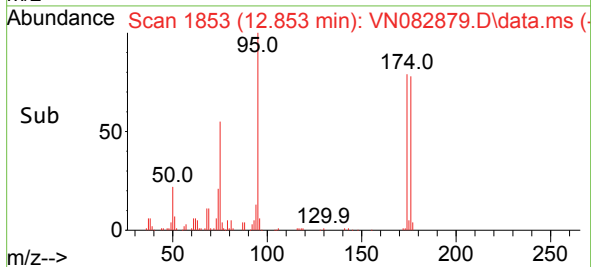
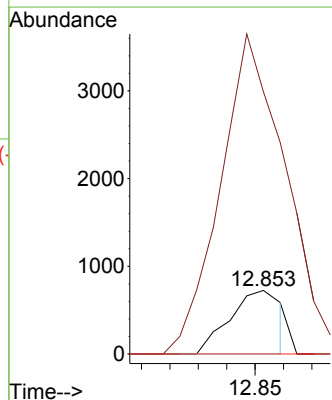
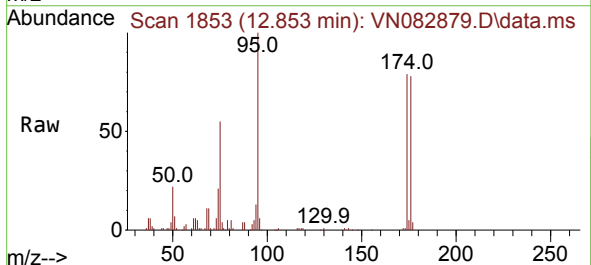
Instrument :
MSVOA_N
ClientSampleId :

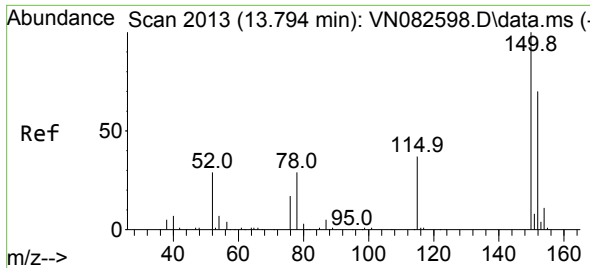
Tgt Ion:117 Resp: 232439
Ion Ratio Lower Upper
117 100
82 55.3 47.5 71.3
119 31.0 25.6 38.4



#71
Bromoform
Concen: 0.660 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN082879.D
Acq: 11 Jul 2024 16:20

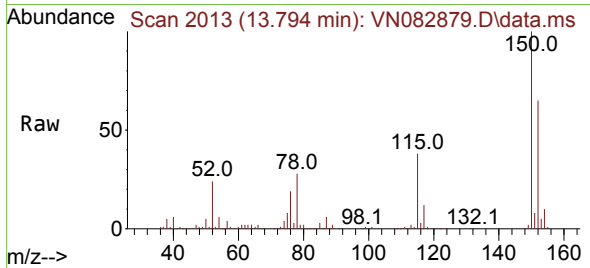
Tgt Ion:173 Resp: 920
Ion Ratio Lower Upper
173 100
175 536.7 24.0 72.0#
254 0.0 0.0 0.0



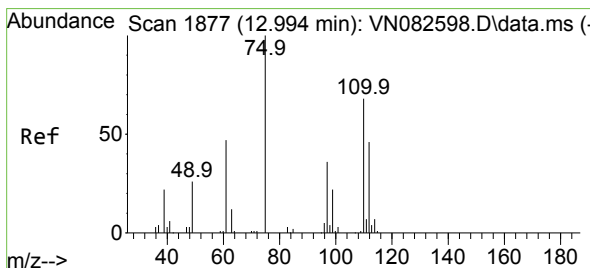
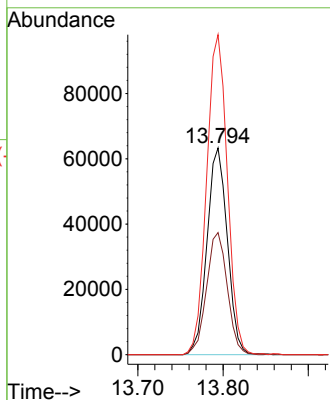
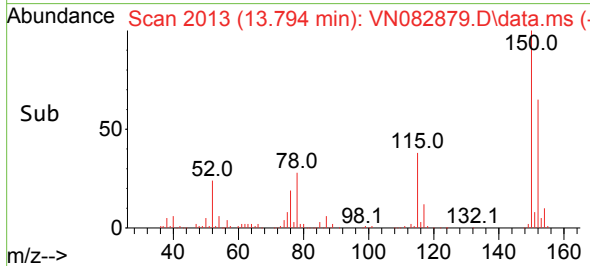


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN082879.D
Acq: 11 Jul 2024 16:20

Instrument :
MSVOA_N
ClientSampleId :

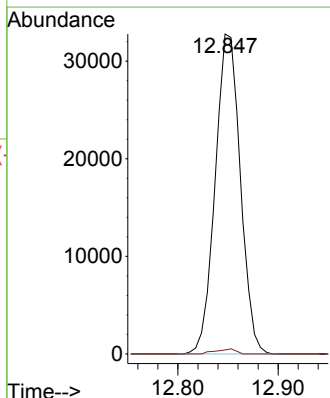
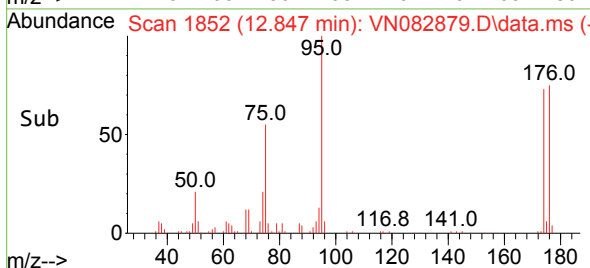
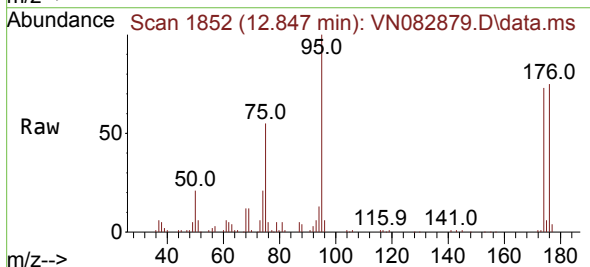


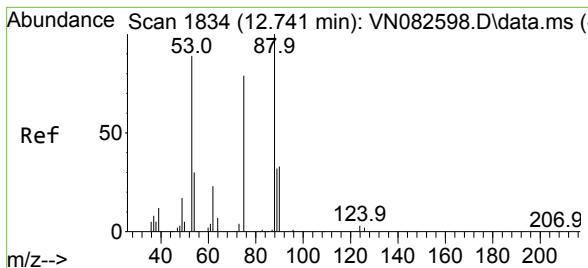
Tgt Ion:152 Resp: 105063
Ion Ratio Lower Upper
152 100
115 60.3 30.6 91.6
150 157.2 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 31.461 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082879.D
Acq: 11 Jul 2024 16:20

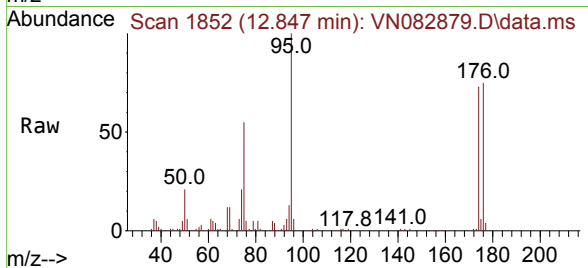
Tgt Ion: 75 Resp: 56986
Ion Ratio Lower Upper
75 100
77 1.3 110.9 332.6#



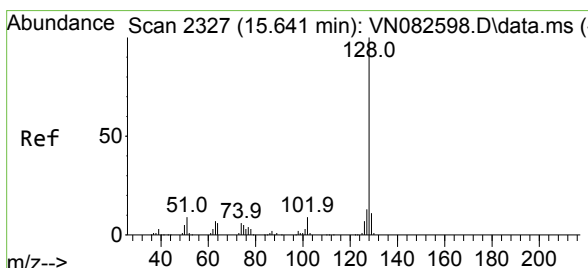
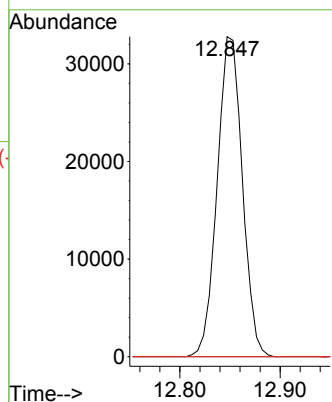
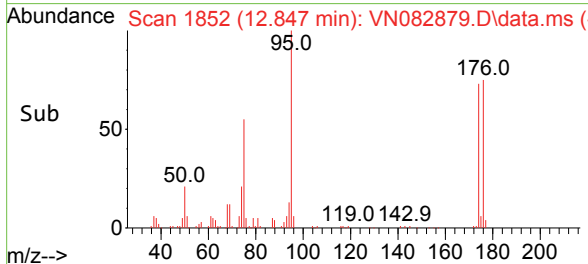


#81
trans-1,4-Dichloro-2-butene
Concen: 61.874 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN082879.D
Acq: 11 Jul 2024 16:20

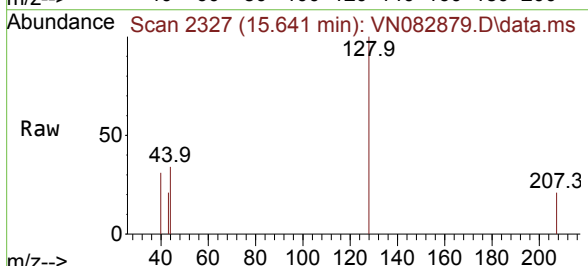
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 56986
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#



#95
Naphthalene
Concen: 0.233 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082879.D
Acq: 11 Jul 2024 16:20



Tgt Ion: 128 Resp: 1486
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 12.8#

