

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043024\
 Data File : VN081928.D
 Acq On : 30 Apr 2024 13:55
 Operator : JC\MD
 Sample : P2183-02 4000X
 Misc : 1.28g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 01 00:52:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

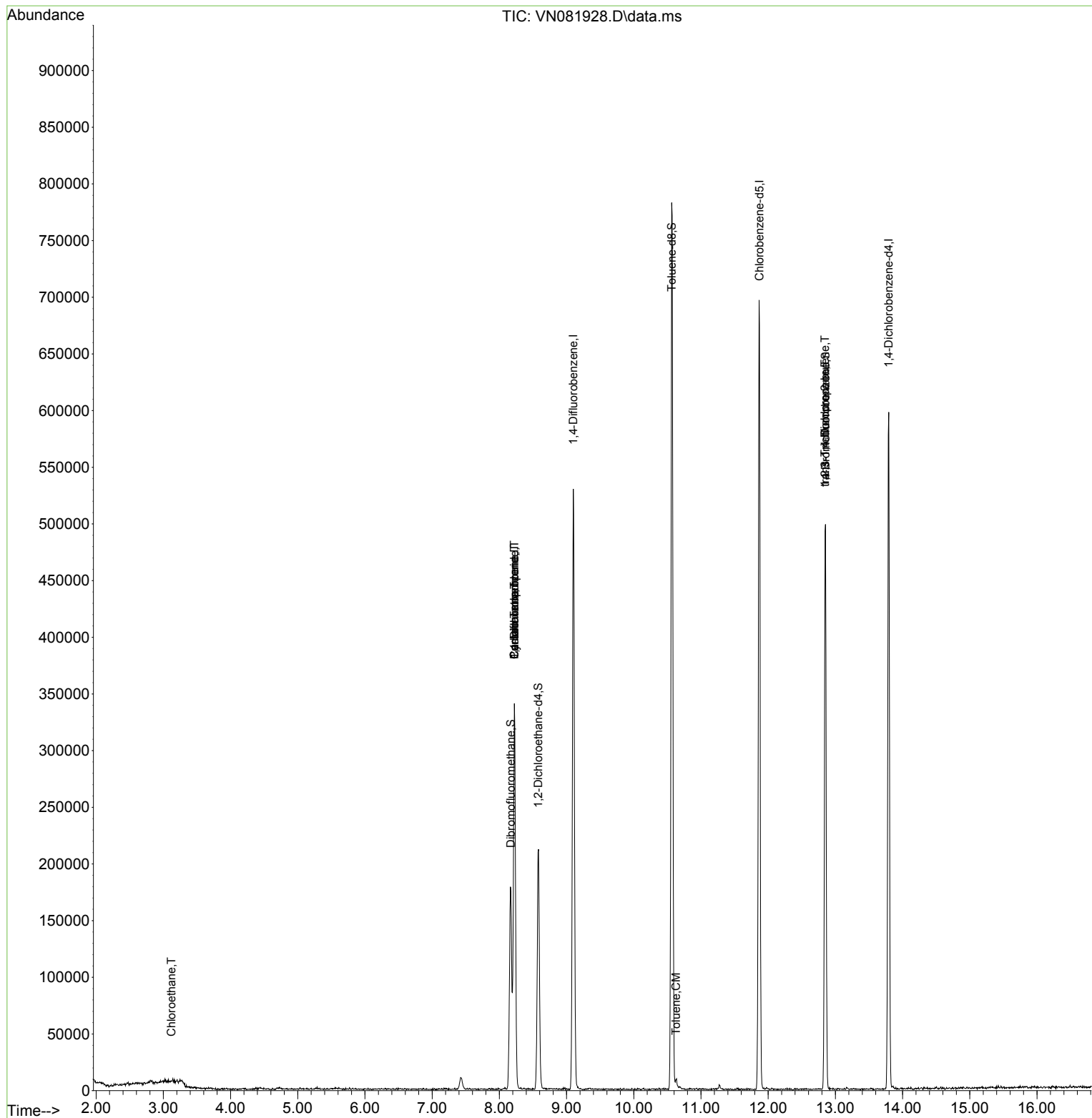
Internal Standards						
1) Pentafluorobenzene	8.224	168	227620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	444019	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	388140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	150305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	169129	44.025	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.060%		
35) Dibromofluoromethane	8.171	113	131246	49.094	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.180%		
50) Toluene-d8	10.565	98	544219	51.833	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.660%		
62) 4-Bromofluorobenzene	12.853	95	183715	44.263	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	88.520%		
Target Compounds						
5) Bromomethane	2.965	94	350	Below Cal	#	59
6) Chloroethane	3.118	64	413	0.271	ug/l #	44
13) Acrolein	4.171	56	157	Below Cal	#	6
16) Acetone	4.441	43	2550	Below Cal		95
31) Cyclohexane	8.224	56	6502	1.124	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	22192	5.102	ug/l #	47
38) Carbon Tetrachloride	8.224	117	24852	5.846	ug/l #	15
52) Toluene	10.629	92	3215	0.411	ug/l	97
76) 1,2,3-Trichloropropane	12.847	75	98095	25.171	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	98095	51.580	ug/l #	13

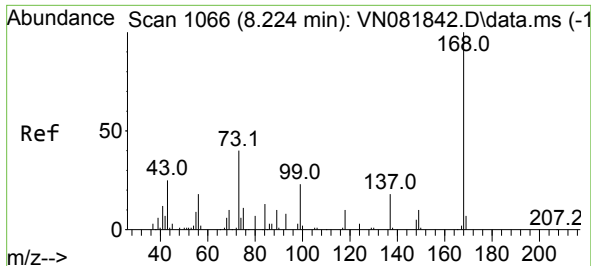
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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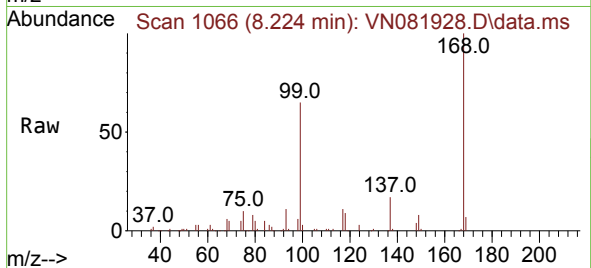
Quant Time: May 01 00:52:46 2024
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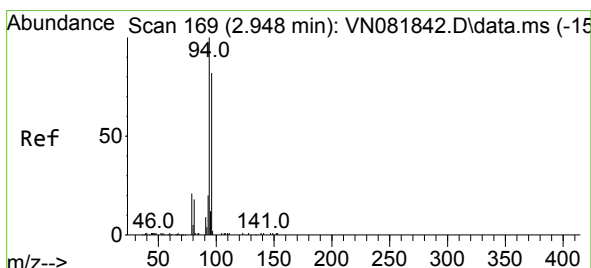
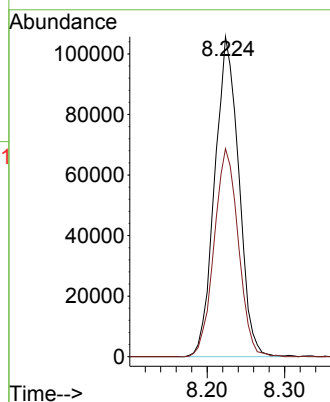
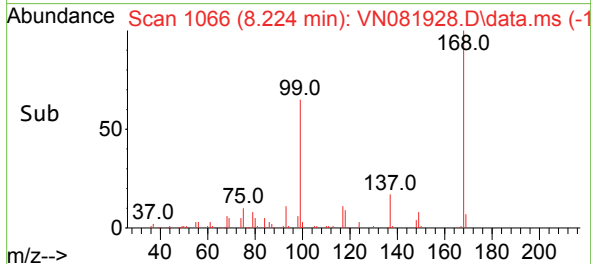


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081928.D
Acq: 30 Apr 2024 13:55

Instrument :
MSVOA_N
ClientSampleId :

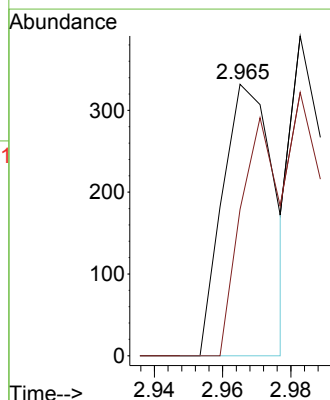
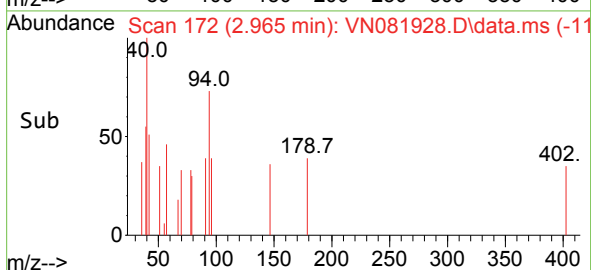
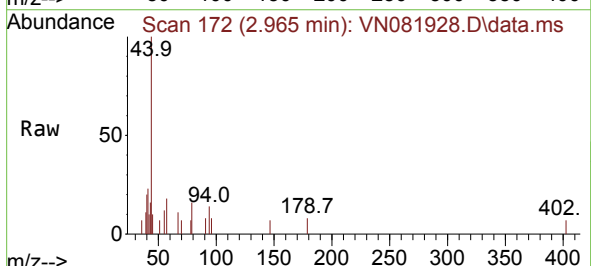


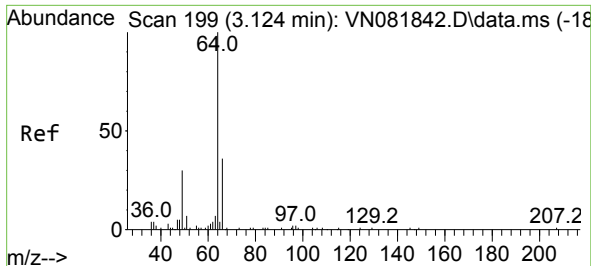
Tgt Ion:168 Resp: 227620
Ion Ratio Lower Upper
168 100
99 65.0 48.2 72.4



#5
Bromomethane
Concen: Below Cal
RT: 2.965 min Scan# 172
Delta R.T. 0.017 min
Lab File: VN081928.D
Acq: 30 Apr 2024 13:55

Tgt Ion: 94 Resp: 350
Ion Ratio Lower Upper
94 100
96 53.9 74.8 112.2#

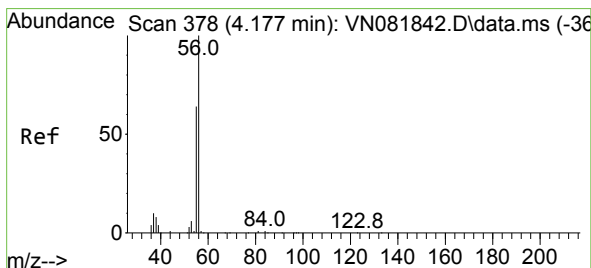
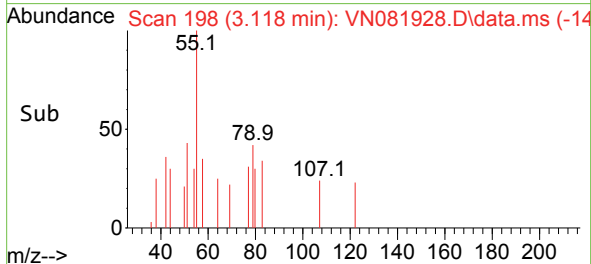
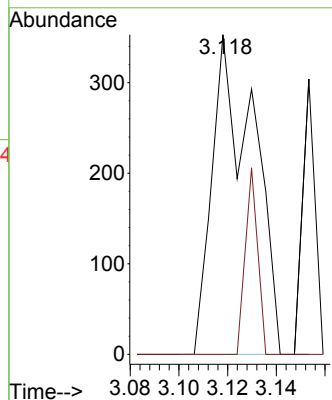
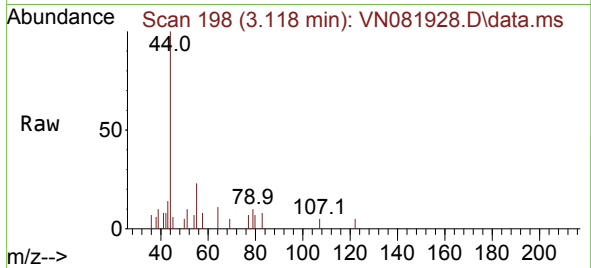




#6
Chloroethane
Concen: 0.271 ug/l
RT: 3.118 min Scan# 199
Delta R.T. -0.006 min
Lab File: VN081928.D
Acq: 30 Apr 2024 13:55

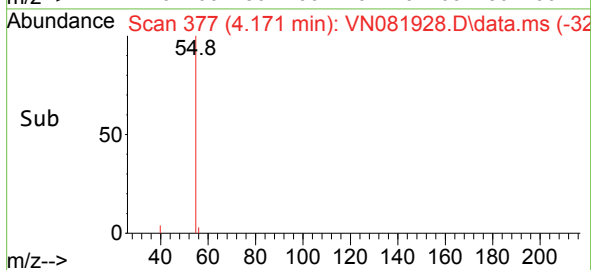
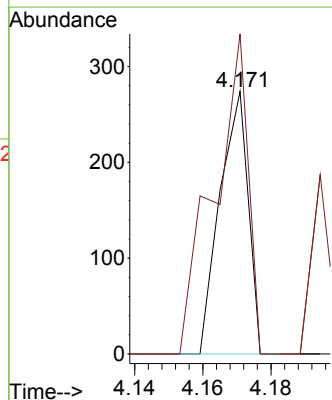
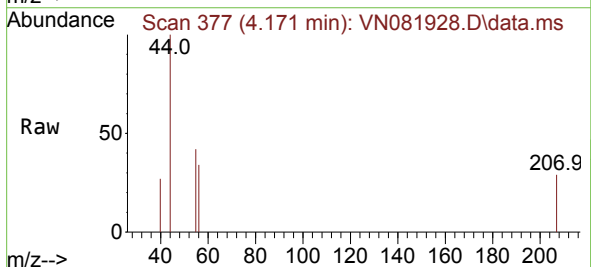
Instrument :
MSVOA_N
ClientSampleId :

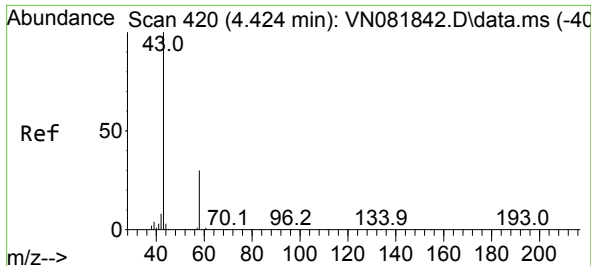
Tgt Ion: 64 Resp: 413
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#13
Acrolein
Concen: Below Cal
RT: 4.171 min Scan# 377
Delta R.T. -0.006 min
Lab File: VN081928.D
Acq: 30 Apr 2024 13:55

Tgt Ion: 56 Resp: 157
Ion Ratio Lower Upper
56 100
55 147.1 55.8 83.8#

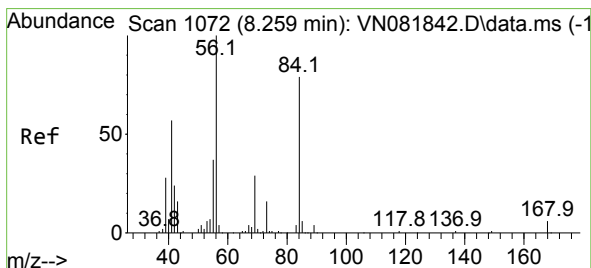
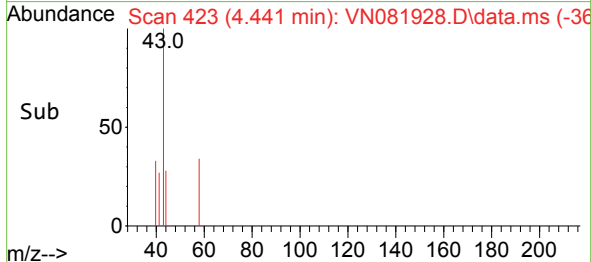
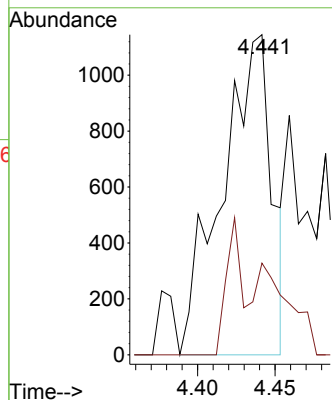
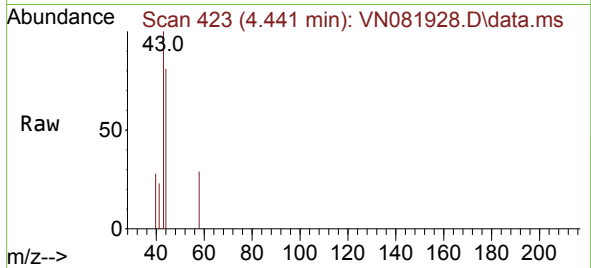




#16
Acetone
Concen: Below Cal
RT: 4.441 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN081928.D
Acq: 30 Apr 2024 13:55

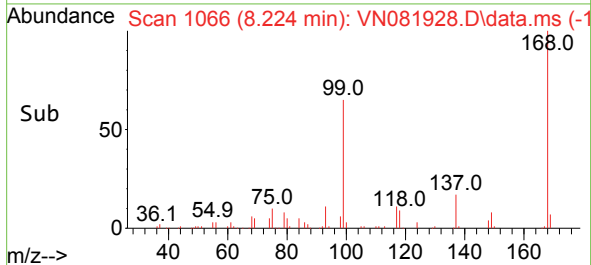
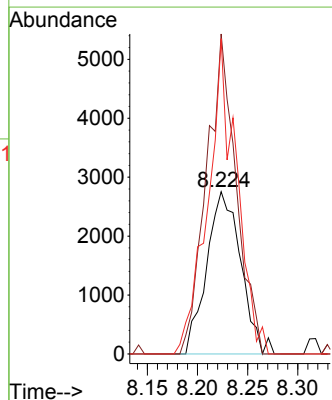
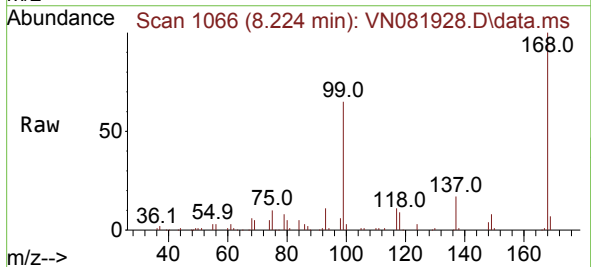
Instrument :
MSVOA_N
ClientSampleId :

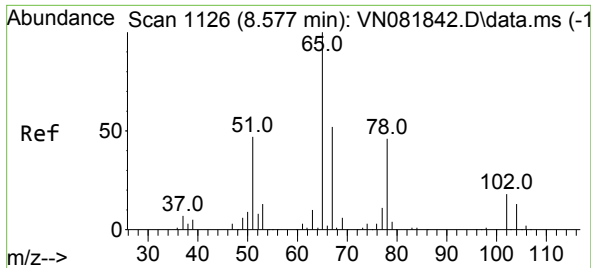
Tgt Ion: 43 Resp: 2550
Ion Ratio Lower Upper
43 100
58 28.6 25.2 37.8



#31
Cyclohexane
Concen: 1.124 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081928.D
Acq: 30 Apr 2024 13:55

Tgt Ion: 56 Resp: 6502
Ion Ratio Lower Upper
56 100
69 197.3 24.4 36.6#
84 194.4 77.0 115.4#

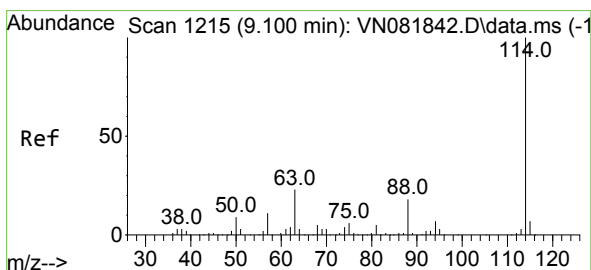
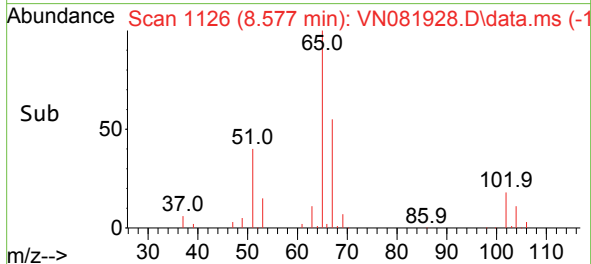
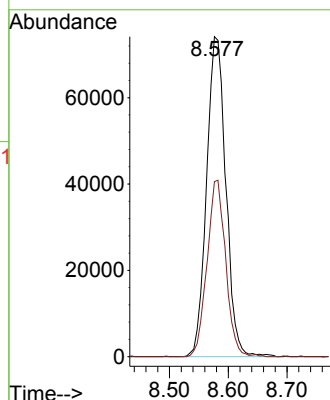
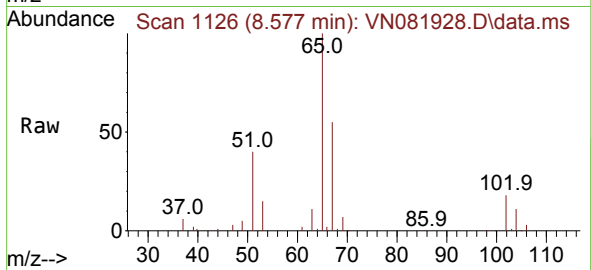




#33
1,2-Dichloroethane-d4
Concen: 44.025 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081928.D
Acq: 30 Apr 2024 13:55

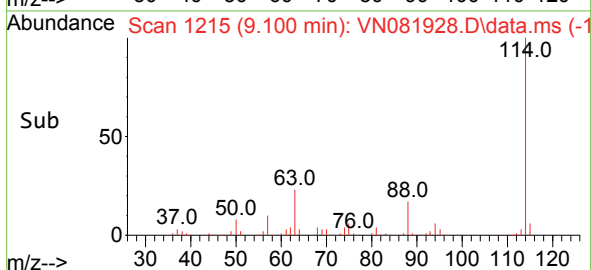
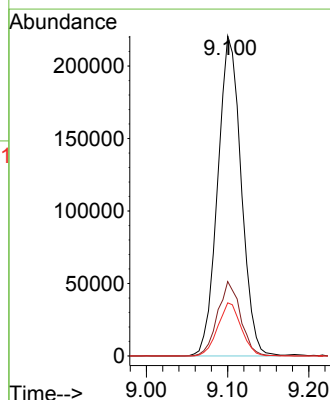
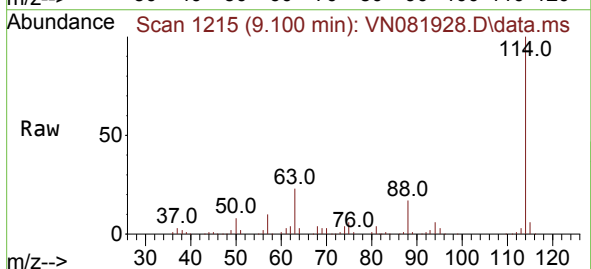
Instrument :
MSVOA_N
ClientSampleId :

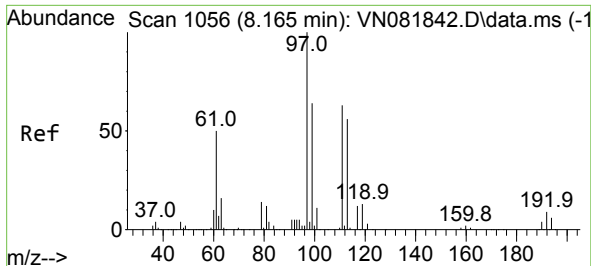
Tgt Ion: 65 Resp: 169129
Ion Ratio Lower Upper
65 100
67 53.4 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN081928.D
Acq: 30 Apr 2024 13:55

Tgt Ion: 114 Resp: 444019
Ion Ratio Lower Upper
114 100
63 23.2 0.0 41.0
88 16.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.094 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

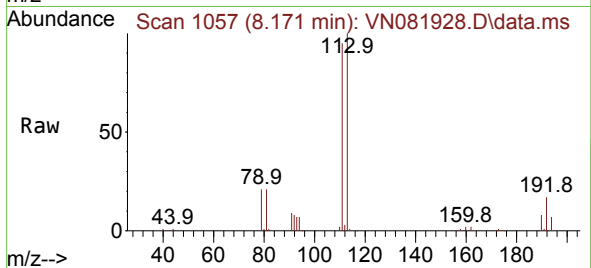
Lab File: VN081928.D

Acq: 30 Apr 2024 13:55

Instrument :

MSVOA_N

ClientSampleId :



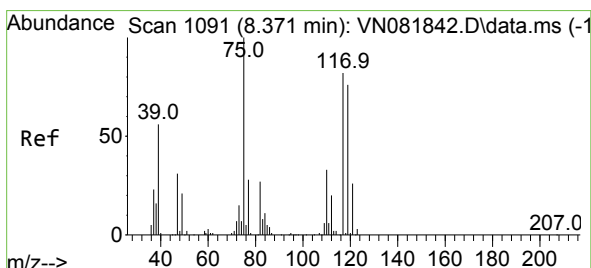
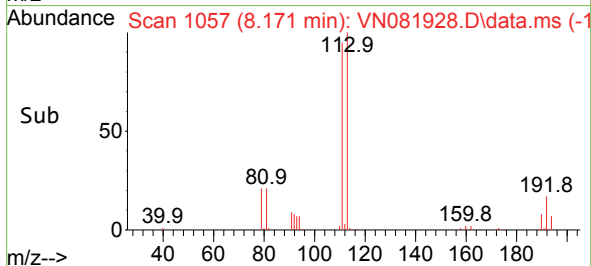
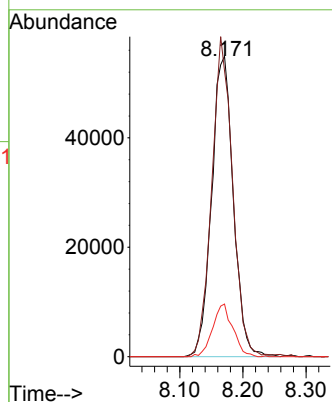
Tgt Ion:113 Resp: 131246

Ion Ratio Lower Upper

113 100

111 101.9 83.4 125.2

192 16.3 14.0 21.0



#36

1,1-Dichloropropene

Concen: 5.102 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN081928.D

Acq: 30 Apr 2024 13:55

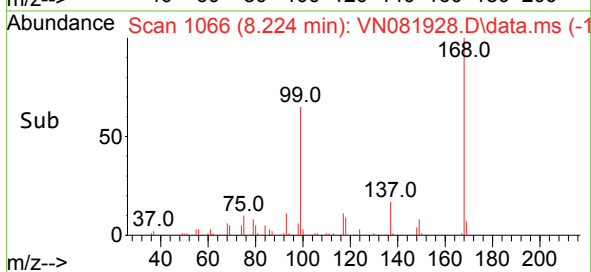
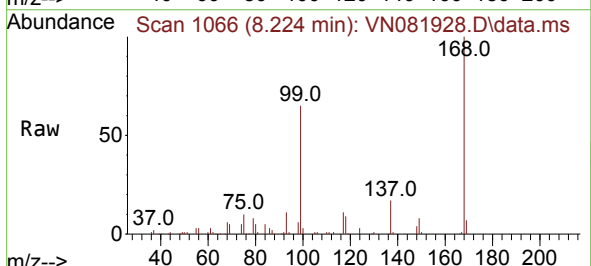
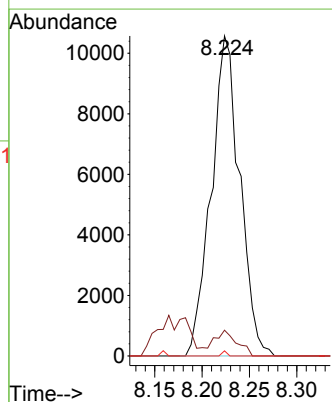
Tgt Ion: 75 Resp: 22192

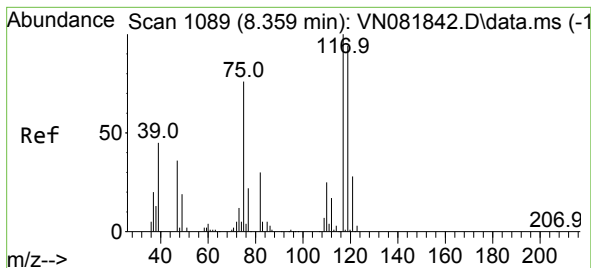
Ion Ratio Lower Upper

75 100

110 6.1 17.8 53.5#

77 0.3 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.846 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

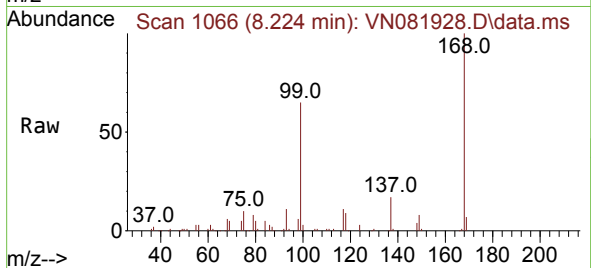
Lab File: VN081928.D

Acq: 30 Apr 2024 13:55

Instrument :

MSVOA_N

ClientSampleId :



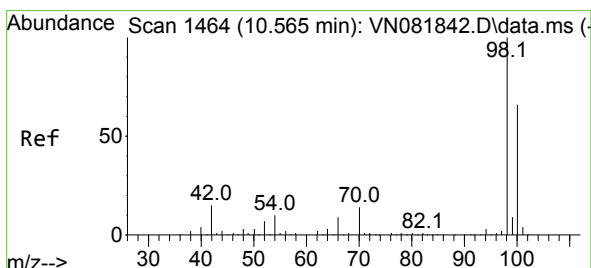
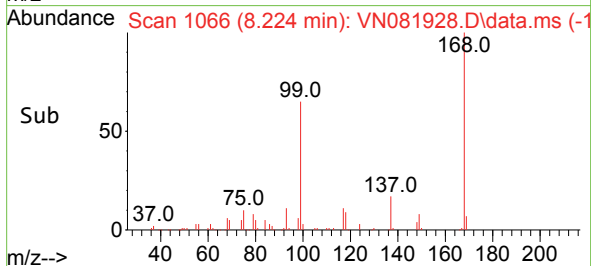
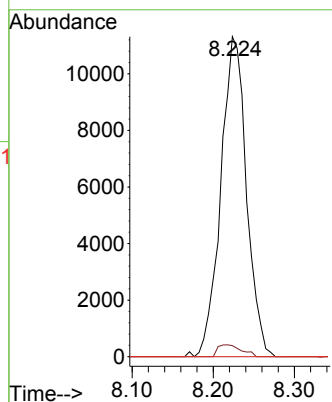
Tgt Ion:117 Resp: 24852

Ion Ratio Lower Upper

117 100

119 3.5 76.5 114.7#

121 0.0 23.9 35.9#



#50

Toluene-d8

Concen: 51.833 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN081928.D

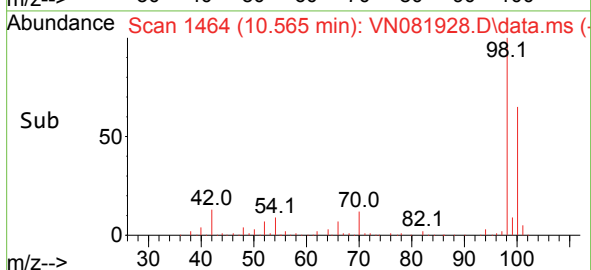
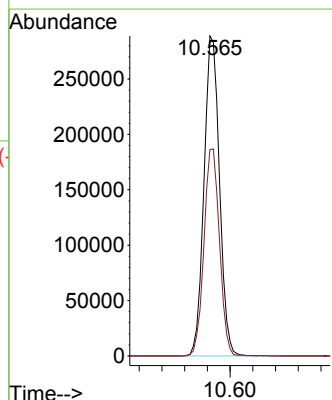
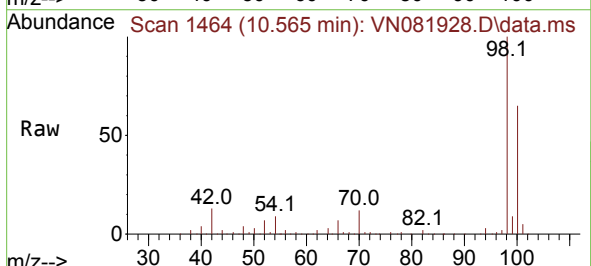
Acq: 30 Apr 2024 13:55

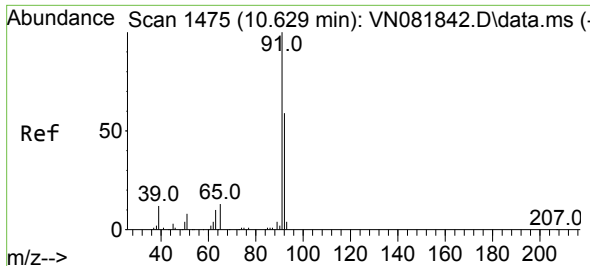
Tgt Ion: 98 Resp: 544219

Ion Ratio Lower Upper

98 100

100 64.9 51.8 77.6

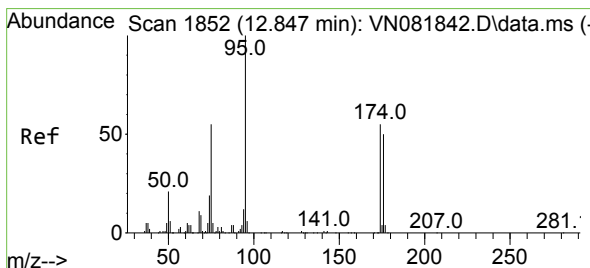
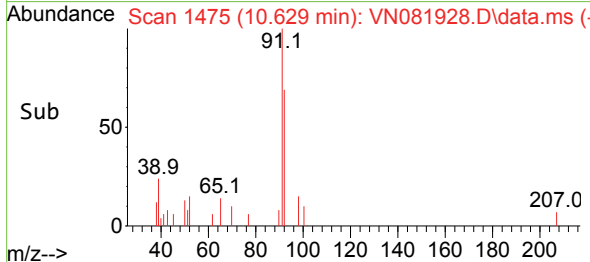
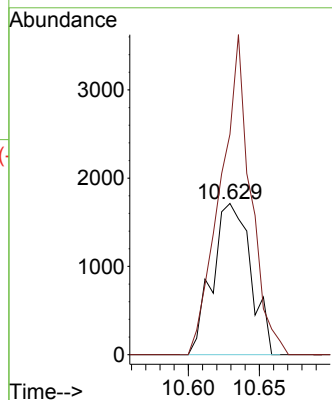
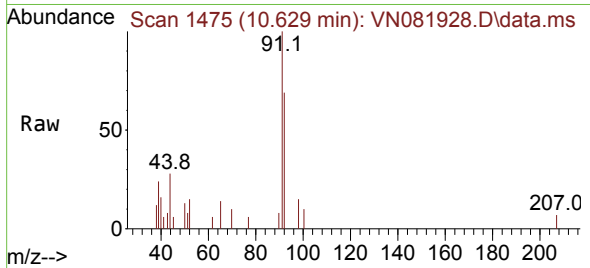




#52
Toluene
Concen: 0.411 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081928.D
Acq: 30 Apr 2024 13:55

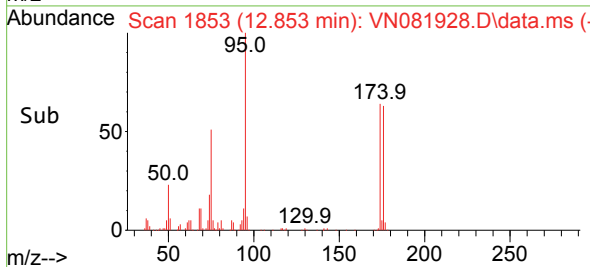
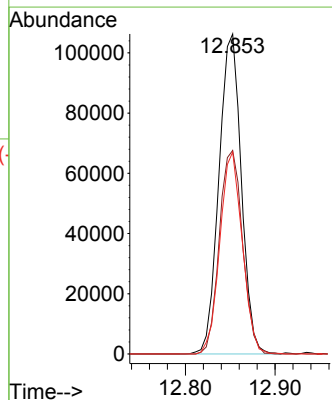
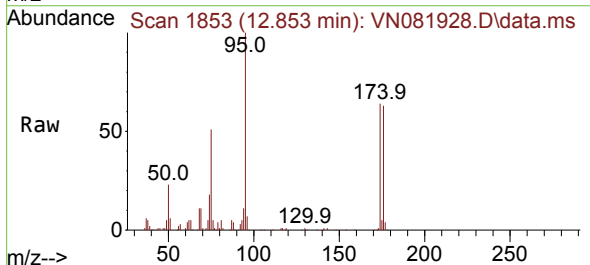
Instrument :
MSVOA_N
ClientSampleId :

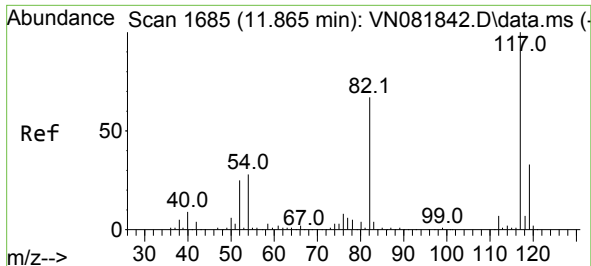
Tgt Ion: 92 Resp: 3215
Ion Ratio Lower Upper
92 100
91 166.9 136.7 205.1



#62
4-Bromofluorobenzene
Concen: 44.263 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081928.D
Acq: 30 Apr 2024 13:55

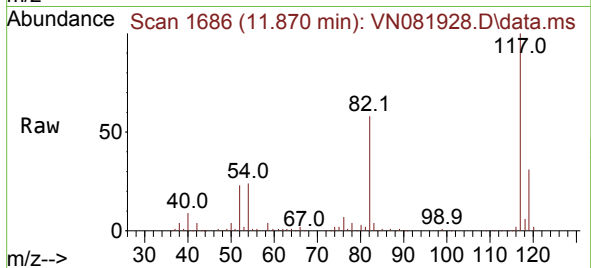
Tgt Ion: 95 Resp: 183715
Ion Ratio Lower Upper
95 100
174 65.9 0.0 160.6
176 63.2 0.0 152.8



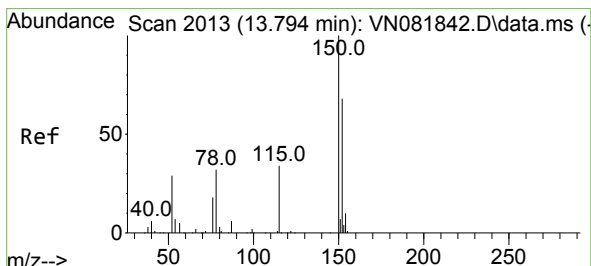
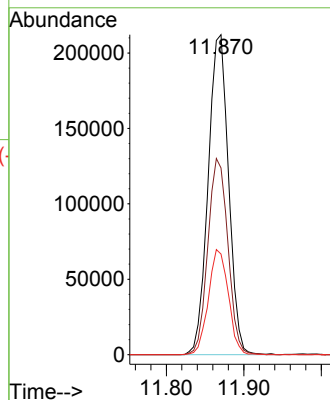
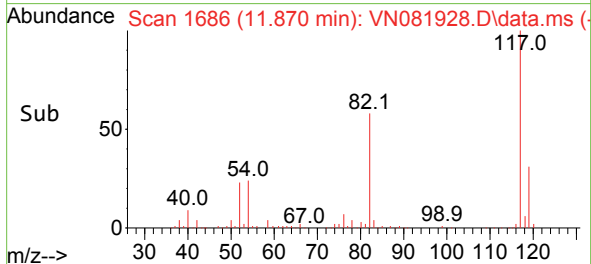


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN081928.D
Acq: 30 Apr 2024 13:55

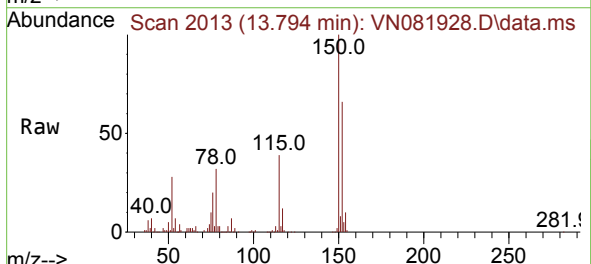
Instrument :
MSVOA_N
ClientSampleId :



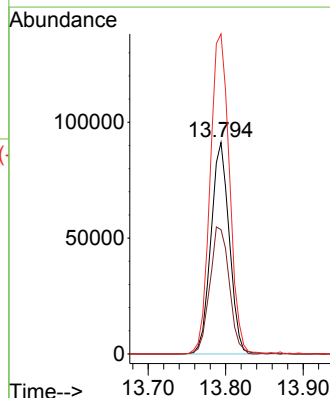
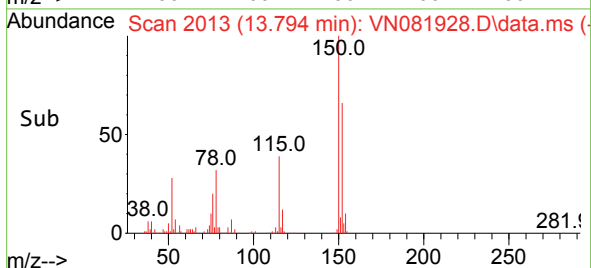
Tgt Ion:117 Resp: 388140
Ion Ratio Lower Upper
117 100
82 58.3 44.6 66.8
119 31.5 25.9 38.9

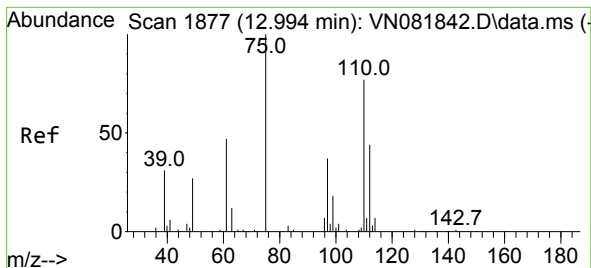


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081928.D
Acq: 30 Apr 2024 13:55



Tgt Ion:152 Resp: 150305
Ion Ratio Lower Upper
152 100
115 63.6 30.4 91.3
150 158.7 0.0 353.2

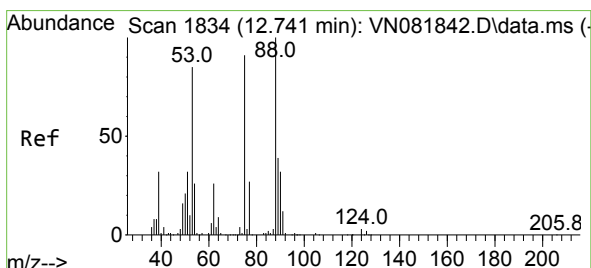
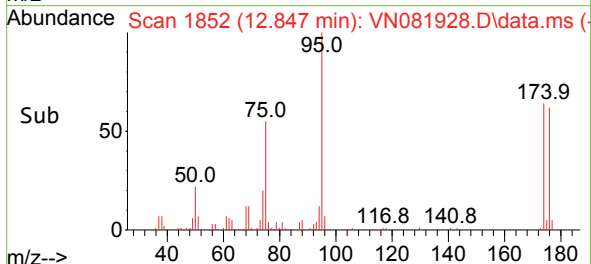
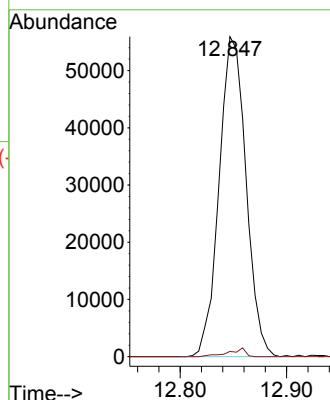
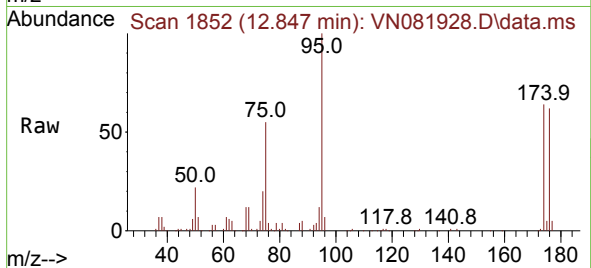




#76
1,2,3-Trichloropropane
Concen: 25.171 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN081928.D
Acq: 30 Apr 2024 13:55

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 98095
Ion Ratio Lower Upper
75 100
77 1.7 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 51.580 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN081928.D
Acq: 30 Apr 2024 13:55

Tgt Ion: 75 Resp: 98095
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.2 39.1 58.7#

