

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043024\
 Data File : VN081927.D
 Acq On : 30 Apr 2024 13:31
 Operator : JC\MD
 Sample : P2183-01 4000X
 Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

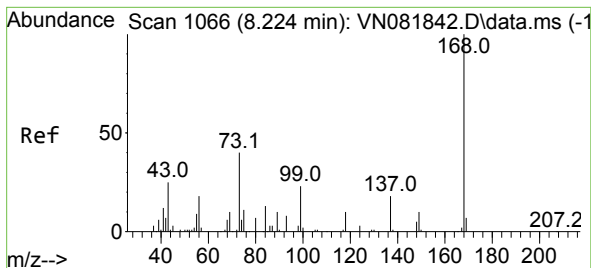
Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 01 00:52:28 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	229810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	438549	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	390195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	154530	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	167224	43.115	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.220%		
35) Dibromofluoromethane	8.171	113	128572	48.693	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.380%		
50) Toluene-d8	10.571	98	538492	51.927	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.860%		
62) 4-Bromofluorobenzene	12.847	95	182577	44.538	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	89.080%		
Target Compounds						Qvalue
3) Chloromethane	2.365	50	729	0.217	ug/l #	43
5) Bromomethane	2.965	94	103	Below Cal	#	3
13) Acrolein	4.177	56	173	Below Cal	#	1
16) Acetone	4.442	43	4890	Below Cal		98
20) Methylene Chloride	5.271	84	727	0.219	ug/l #	61
31) Cyclohexane	8.224	56	6220	1.065	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	21064	4.904	ug/l #	50
38) Carbon Tetrachloride	8.224	117	24872	5.924	ug/l #	15
52) Toluene	10.635	92	3465	0.449	ug/l #	74
76) 1,2,3-Trichloropropane	12.847	75	103473	25.825	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	103473	52.920	ug/l #	12

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081927.D

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MSVOA_N

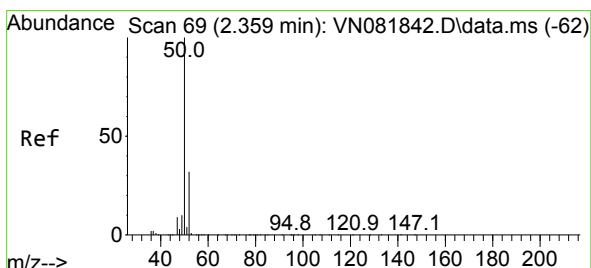
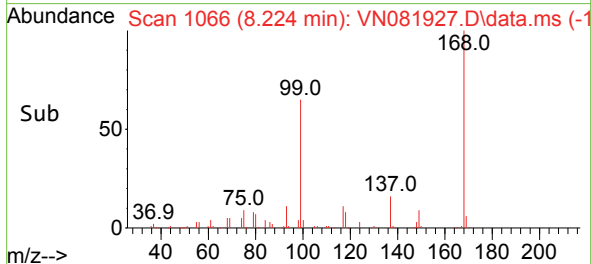
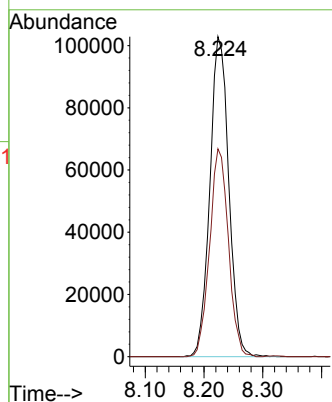
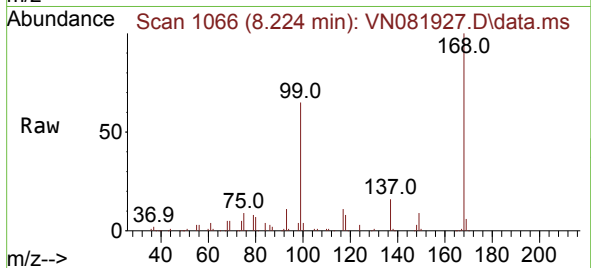
ClientSampleId :

Tgt Ion:168 Resp: 229810

Ion Ratio Lower Upper

168 100

99 65.0 48.2 72.4



#3

Chloromethane

Concen: 0.217 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN081927.D

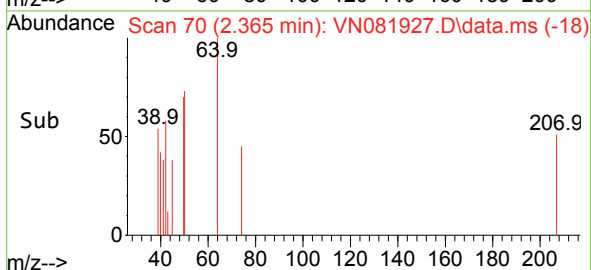
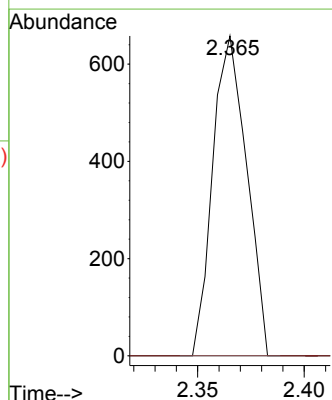
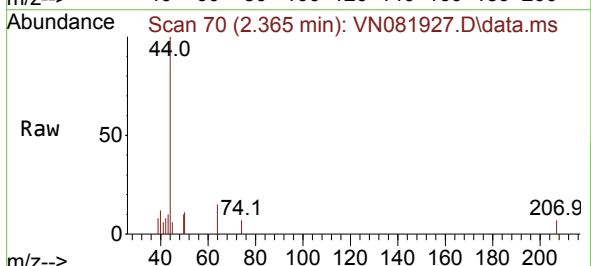
Acq: 30 Apr 2024 13:31

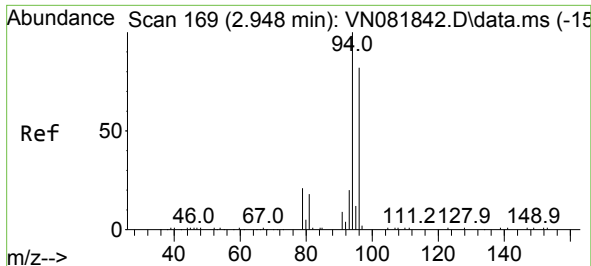
Tgt Ion: 50 Resp: 729

Ion Ratio Lower Upper

50 100

52 0.0 25.5 38.3#

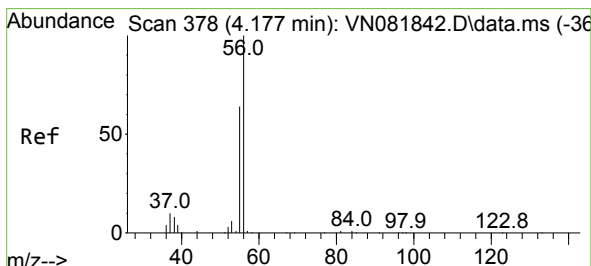
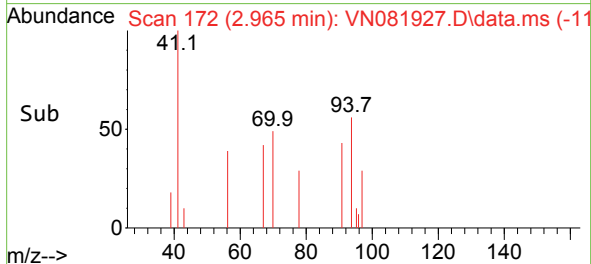
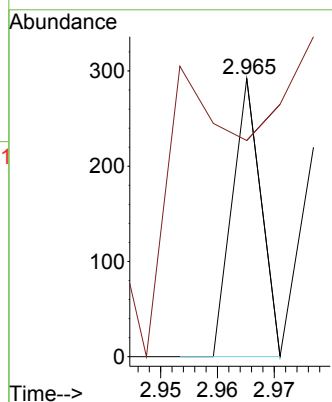
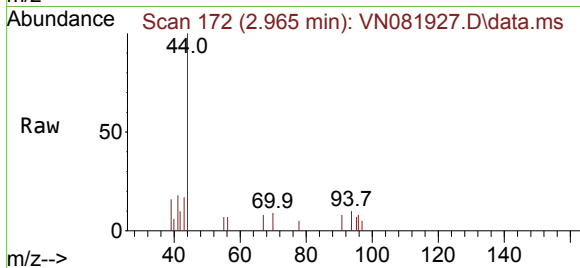




#5
Bromomethane
Concen: Below Cal
RT: 2.965 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN081927.D
Acq: 30 Apr 2024 13:31

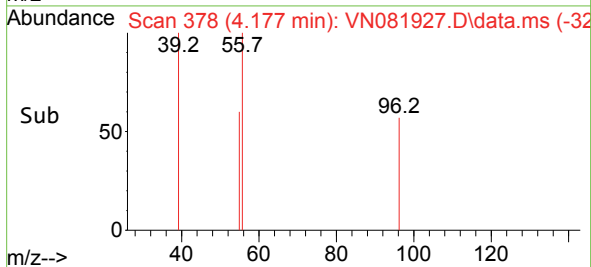
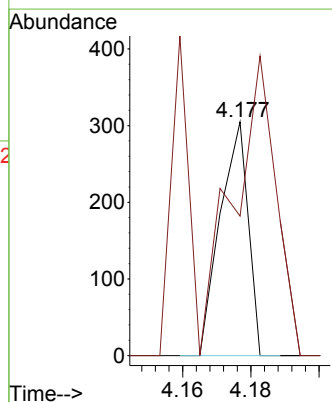
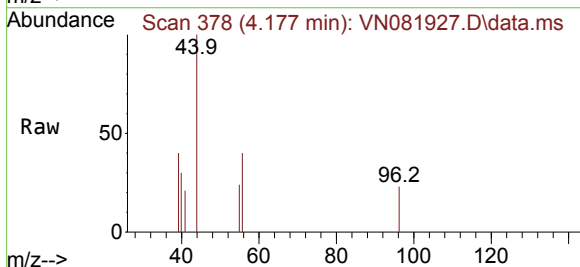
Instrument :
MSVOA_N
ClientSampleId :

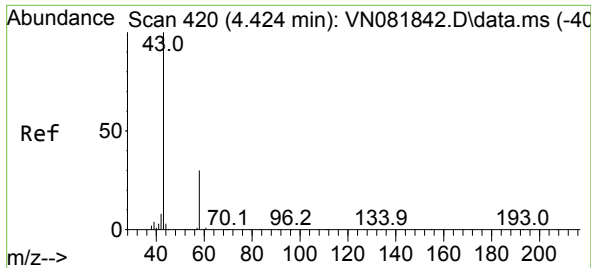
Tgt Ion: 94 Resp: 103
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#



#13
Acrolein
Concen: Below Cal
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN081927.D
Acq: 30 Apr 2024 13:31

Tgt Ion: 56 Resp: 173
Ion Ratio Lower Upper
56 100
55 197.1 55.8 83.8#

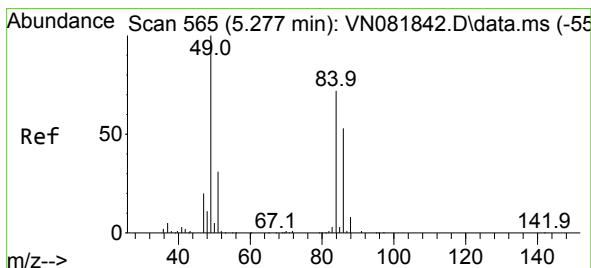
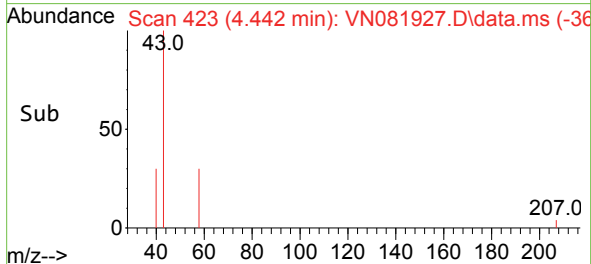
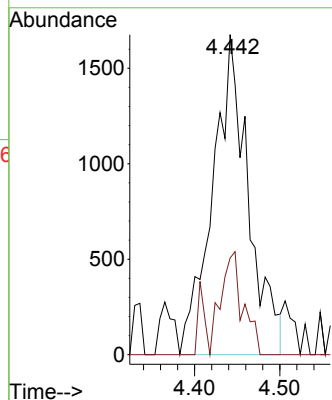
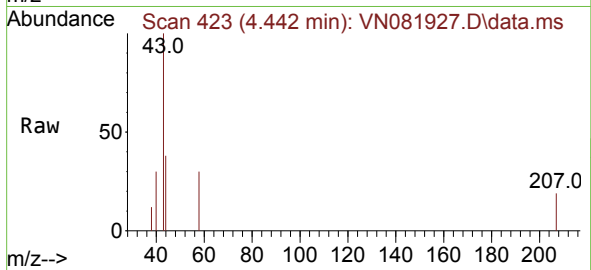




#16
Acetone
Concen: Below Cal
RT: 4.442 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN081927.D
Acq: 30 Apr 2024 13:31

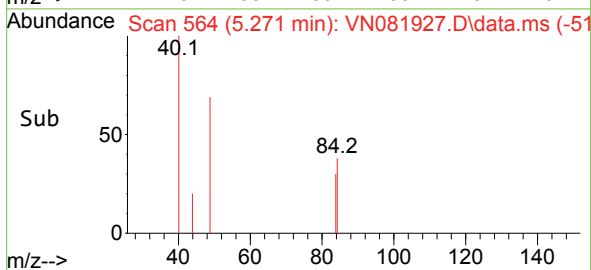
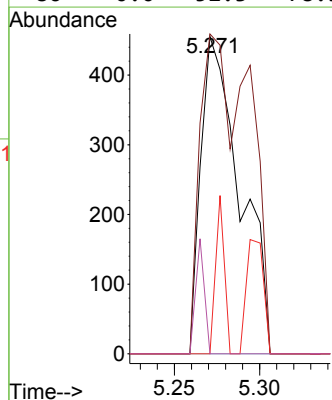
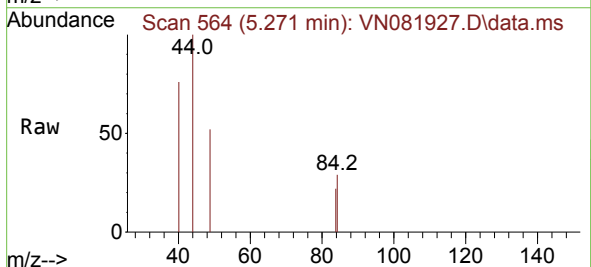
Instrument :
MSVOA_N
ClientSampleId :

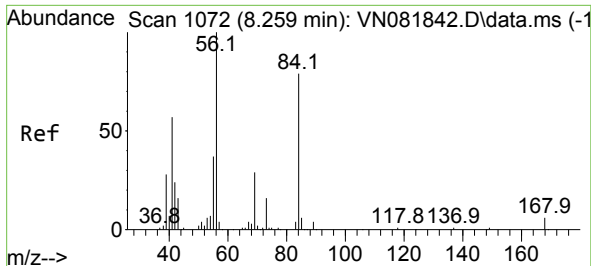
Tgt Ion: 43 Resp: 4890
Ion Ratio Lower Upper
43 100
58 30.2 25.2 37.8



#20
Methylene Chloride
Concen: 0.219 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN081927.D
Acq: 30 Apr 2024 13:31

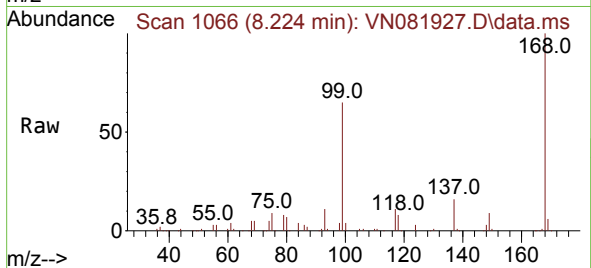
Tgt Ion: 84 Resp: 727
Ion Ratio Lower Upper
84 100
49 100.9 84.9 127.3
51 0.0 27.0 40.6#
86 0.0 52.3 78.5#



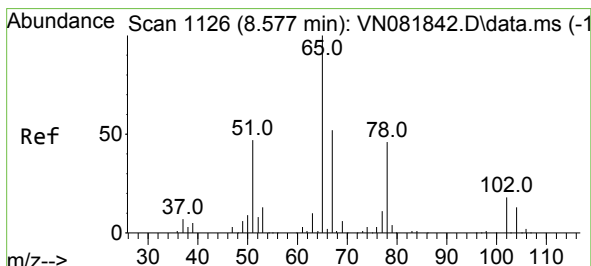
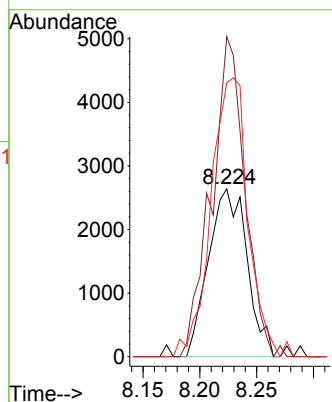
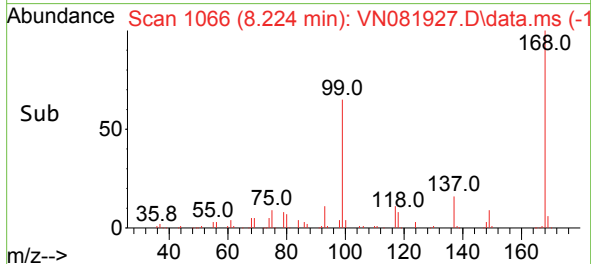


#31
Cyclohexane
Concen: 1.065 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081927.D
Acq: 30 Apr 2024 13:31

Instrument :
MSVOA_N
ClientSampleId :

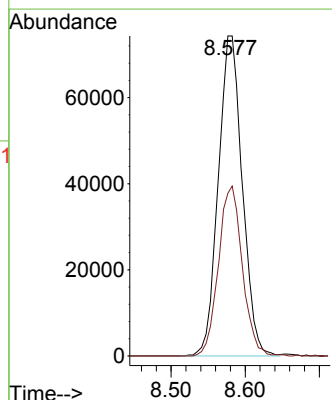
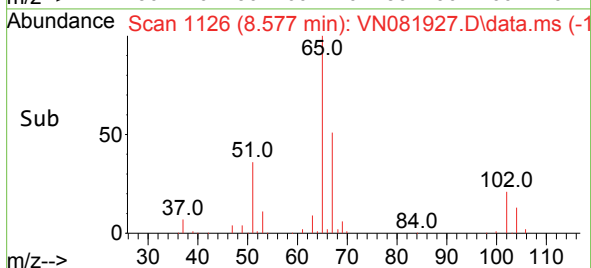
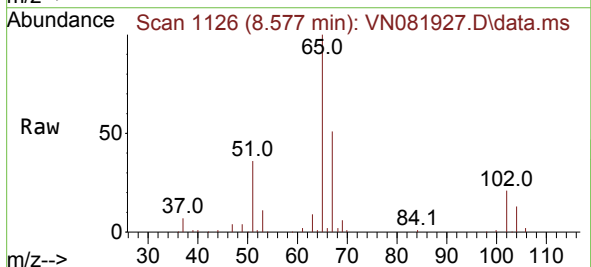


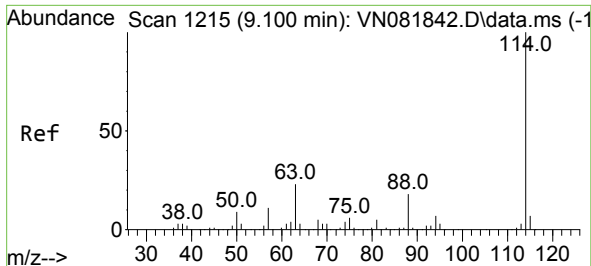
Tgt Ion: 56 Resp: 6220
Ion Ratio Lower Upper
56 100
69 190.6 24.4 36.6#
84 163.1 77.0 115.4#



#33
1,2-Dichloroethane-d4
Concen: 43.115 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081927.D
Acq: 30 Apr 2024 13:31

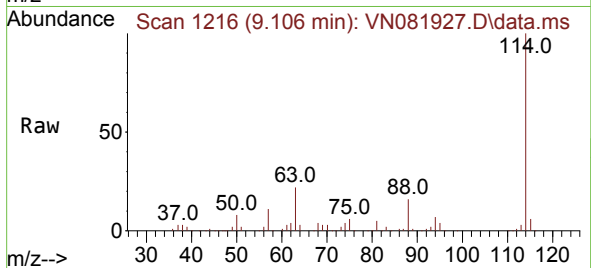
Tgt Ion: 65 Resp: 167224
Ion Ratio Lower Upper
65 100
67 52.8 0.0 103.0



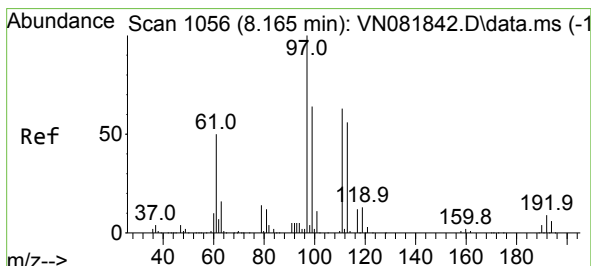
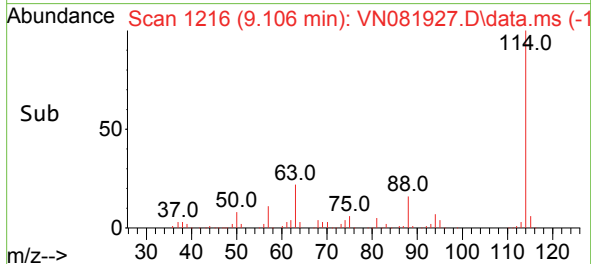
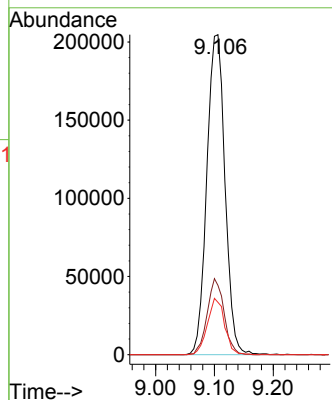


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081927.D
Acq: 30 Apr 2024 13:31

Instrument :
MSVOA_N
ClientSampleId :

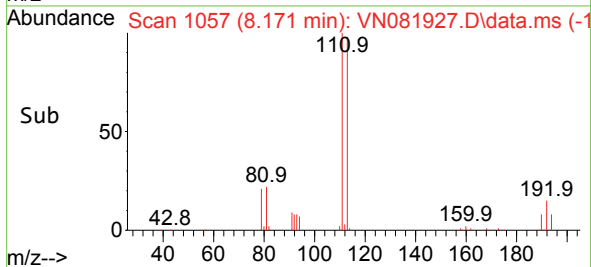
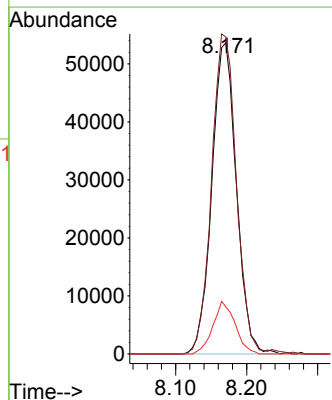
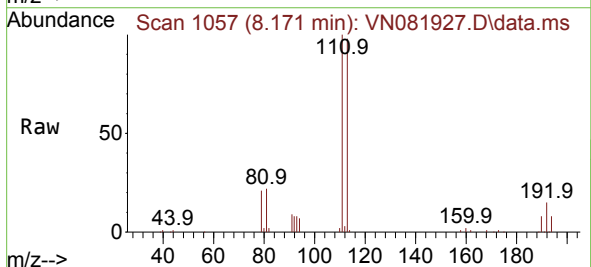


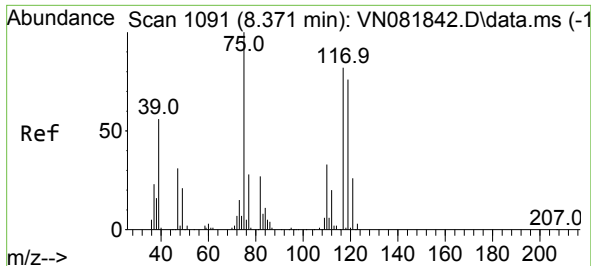
Tgt Ion:114 Resp: 438549
Ion Ratio Lower Upper
114 100
63 21.7 0.0 41.0
88 16.3 0.0 31.4



#35
Dibromofluoromethane
Concen: 48.693 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081927.D
Acq: 30 Apr 2024 13:31

Tgt Ion:113 Resp: 128572
Ion Ratio Lower Upper
113 100
111 103.5 83.4 125.2
192 15.3 14.0 21.0





#36

1,1-Dichloropropene

Concen: 4.904 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

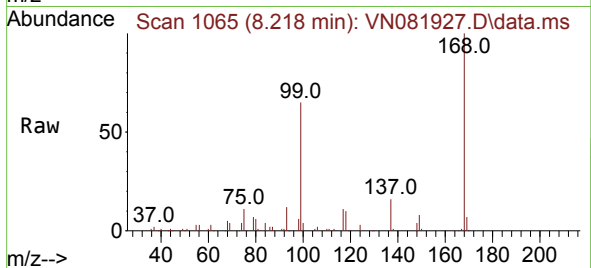
Lab File: VN081927.D

Acq: 30 Apr 2024 13:31

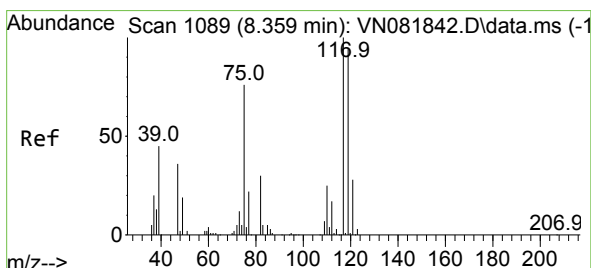
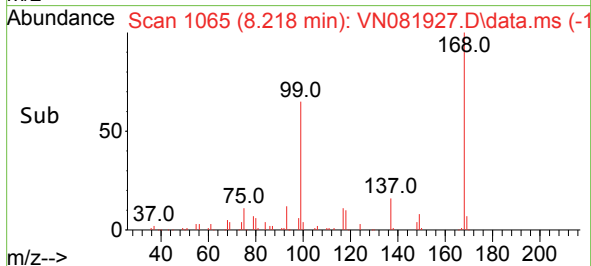
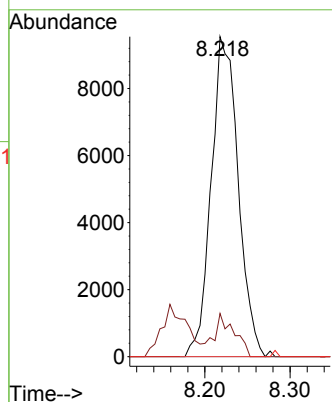
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	21064
Ion Ratio	Lower	Upper	
75	100		
110	9.7	17.8	53.5#
77	0.0	25.0	37.4#



#38

Carbon Tetrachloride

Concen: 5.924 ug/l

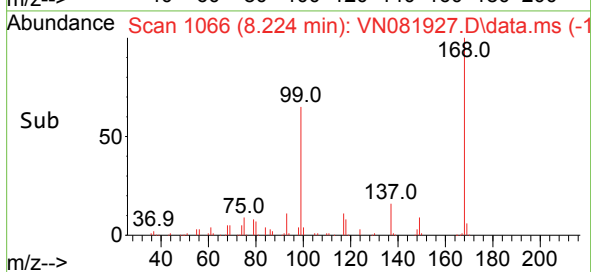
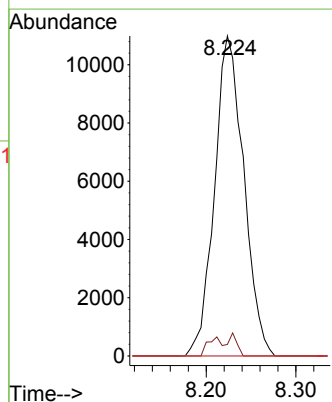
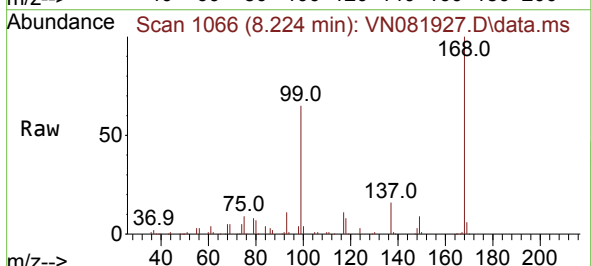
RT: 8.224 min Scan# 1066

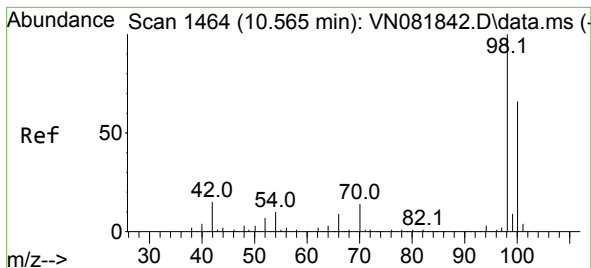
Delta R.T. -0.135 min

Lab File: VN081927.D

Acq: 30 Apr 2024 13:31

Tgt Ion:	117	Resp:	24872
Ion Ratio	Lower	Upper	
117	100		
119	3.6	76.5	114.7#
121	0.0	23.9	35.9#





#50

Toluene-d8

Concen: 51.927 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081927.D

Acq: 30 Apr 2024 13:31

Instrument :

MSVOA_N

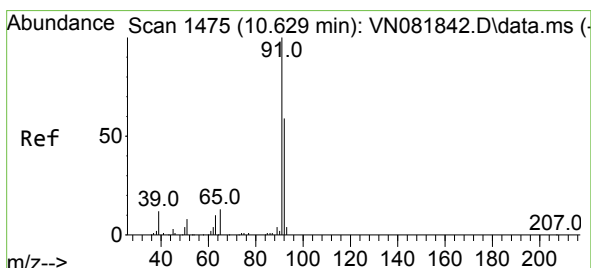
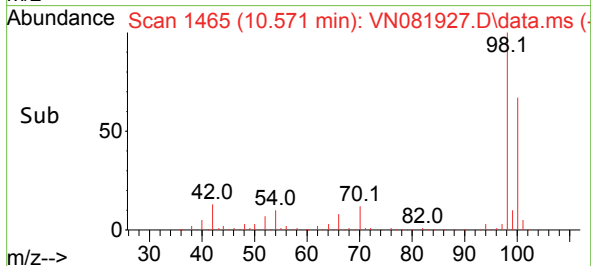
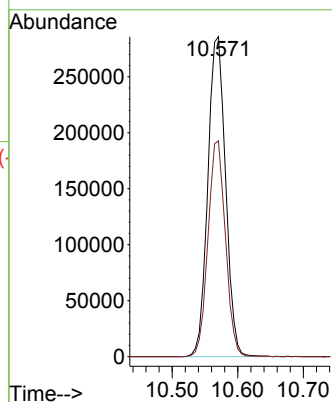
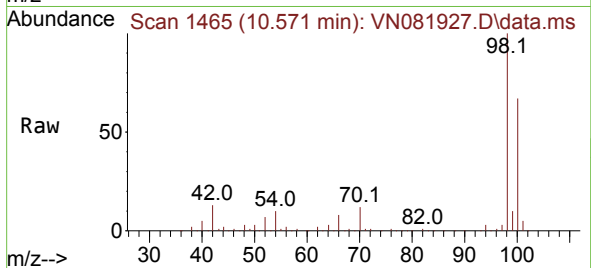
ClientSampleId :

Tgt Ion: 98 Resp: 538492

Ion Ratio Lower Upper

98 100

100 66.3 51.8 77.6



#52

Toluene

Concen: 0.449 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VN081927.D

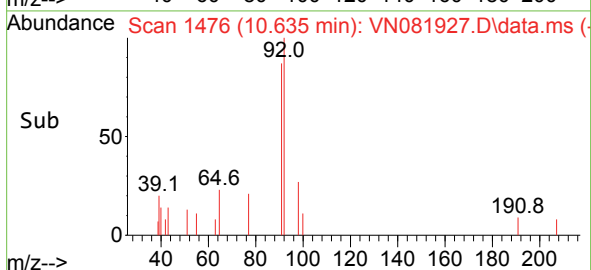
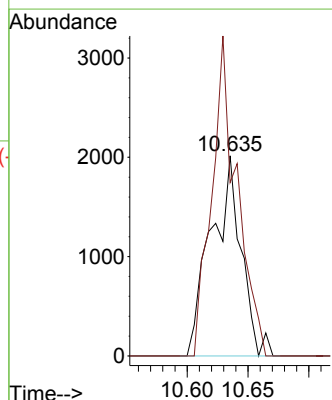
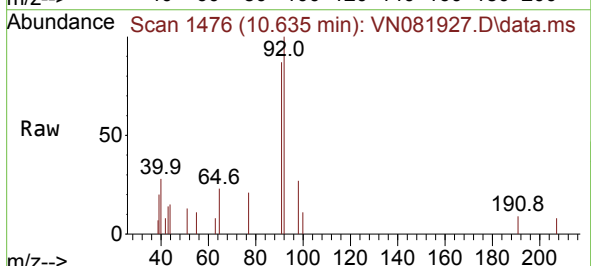
Acq: 30 Apr 2024 13:31

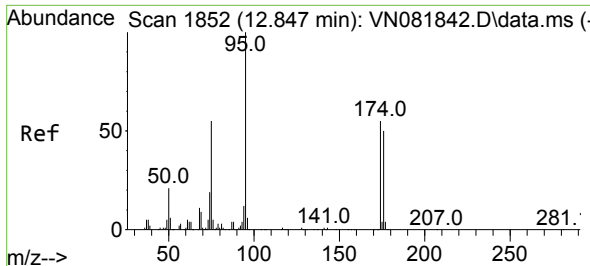
Tgt Ion: 92 Resp: 3465

Ion Ratio Lower Upper

92 100

91 134.6 136.7 205.1#

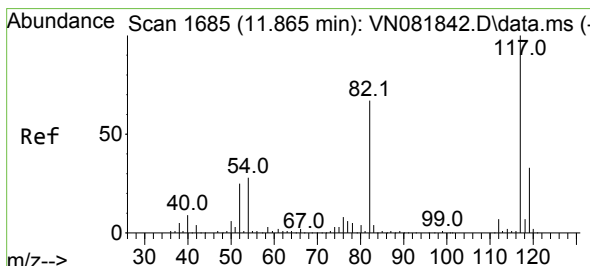
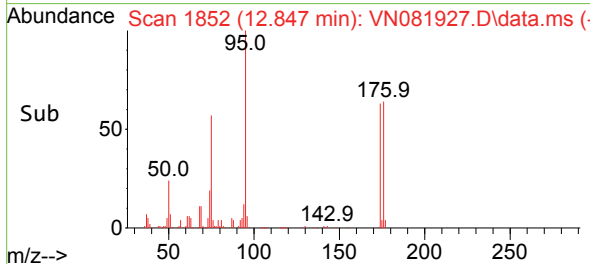
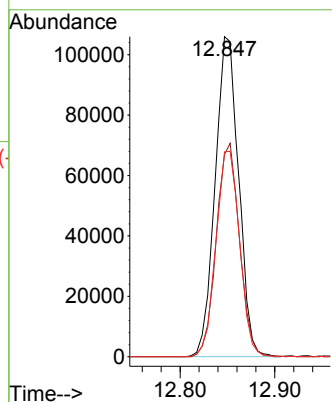
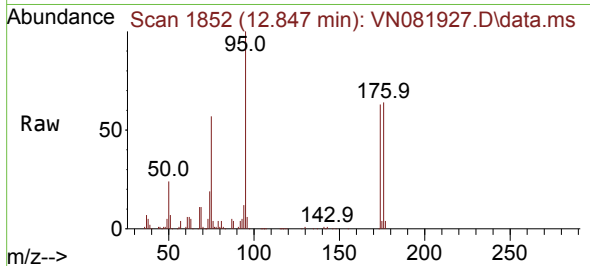




#62
4-Bromofluorobenzene
Concen: 44.538 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081927.D
Acq: 30 Apr 2024 13:31

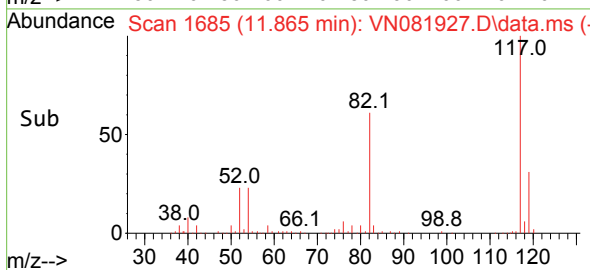
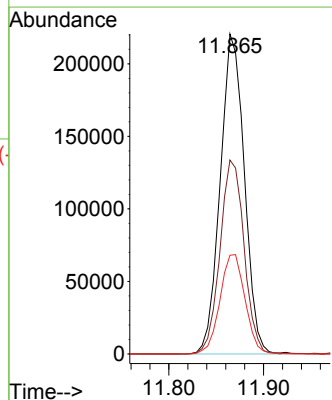
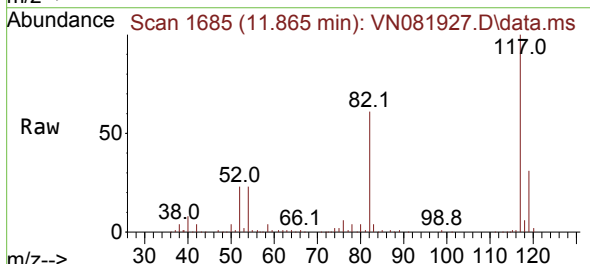
Instrument :
MSVOA_N
ClientSampleId :

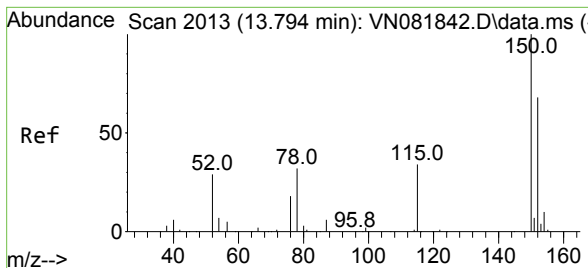
Tgt Ion: 95 Resp: 182577
Ion Ratio Lower Upper
95 100
174 65.8 0.0 160.6
176 64.6 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN081927.D
Acq: 30 Apr 2024 13:31

Tgt Ion: 117 Resp: 390195
Ion Ratio Lower Upper
117 100
82 60.6 44.6 66.8
119 30.8 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN081927.D

Acq: 30 Apr 2024 13:31

Instrument :

MSVOA_N

ClientSampleId :

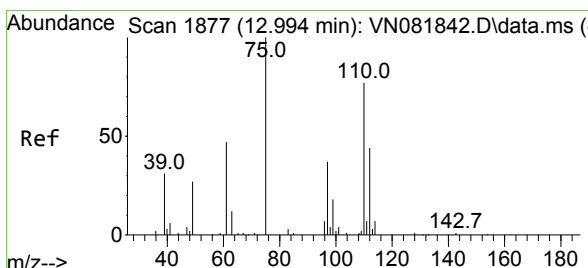
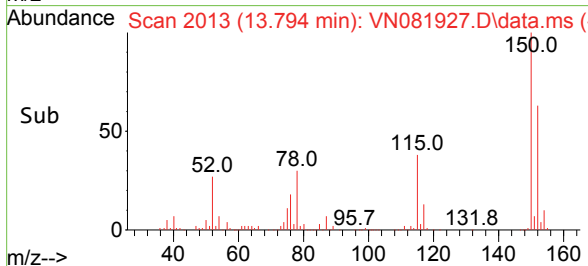
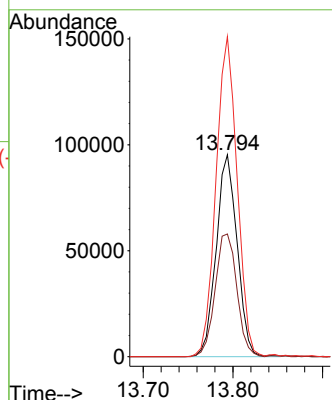
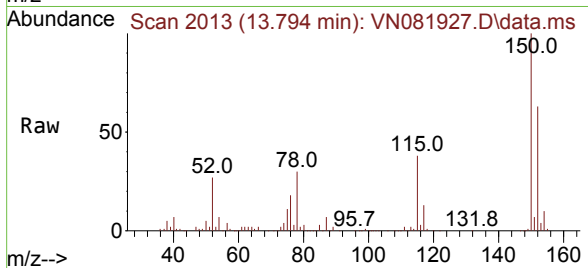
Tgt Ion:152 Resp: 154530

Ion Ratio Lower Upper

152 100

115 63.2 30.4 91.3

150 159.4 0.0 353.2



#76

1,2,3-Trichloropropane

Concen: 25.825 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN081927.D

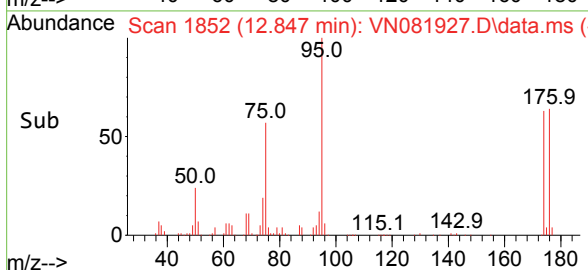
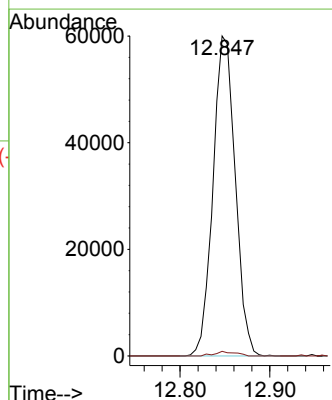
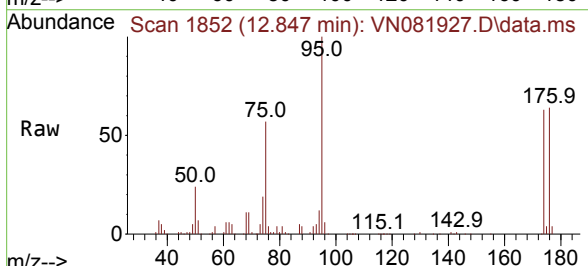
Acq: 30 Apr 2024 13:31

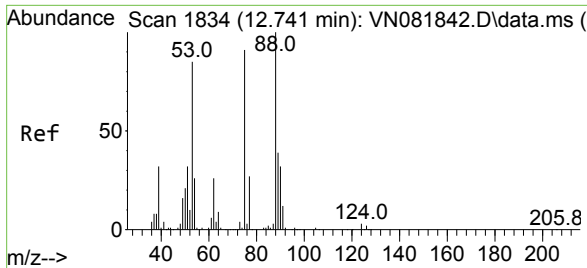
Tgt Ion: 75 Resp: 103473

Ion Ratio Lower Upper

75 100

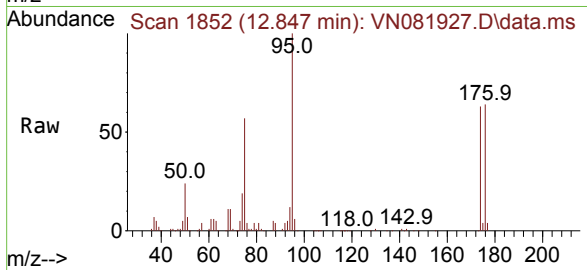
77 1.3 90.5 271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.920 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN081927.D
 Acq: 30 Apr 2024 13:31

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 103473
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.9 109.3#
 89 0.1 39.1 58.7#

