

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041824\
 Data File : VN081792.D
 Acq On : 18 Apr 2024 17:06
 Operator : JC\MD
 Sample : P2121-05 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 19 01:26:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 15:37:39 2024
 Response via : Initial Calibration

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

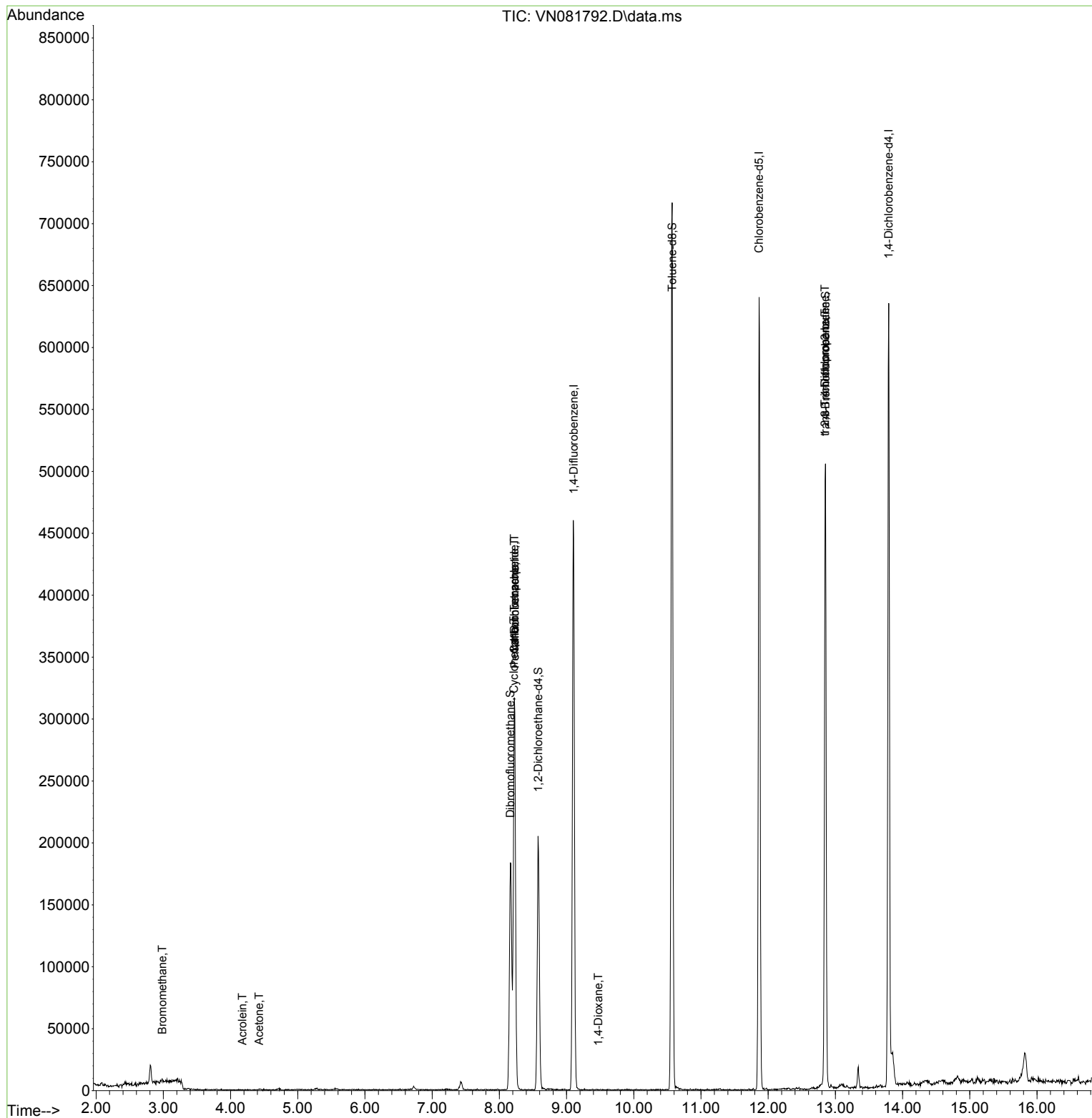
Internal Standards						
1) Pentafluorobenzene	8.230	168	226172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	395466	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	367382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	162091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	164878	51.806	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.620%	
35) Dibromofluoromethane	8.165	113	130451	49.954	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.900%	
50) Toluene-d8	10.571	98	495399	51.494	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.980%	
62) 4-Bromofluorobenzene	12.853	95	172971	52.614	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 105.220%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	582	Below Cal	#	88
5) Bromomethane	2.983	94	986	0.466	ug/l #	68
6) Chloroethane	3.130	64	86	Below Cal	#	44
13) Acrolein	4.177	56	95	0.206	ug/l #	15
16) Acetone	4.424	43	749	0.846	ug/l #	43
20) Methylene Chloride	5.294	84	929	Below Cal	#	33
31) Cyclohexane	8.218	56	5646	1.293	ug/l #	41
36) 1,1-Dichloropropene	8.224	75	19375	5.325	ug/l #	44
38) Carbon Tetrachloride	8.224	117	23942	5.656	ug/l #	17
49) 1,4-Dioxane	9.471	88	56	0.982	ug/l #	28
76) 1,2,3-Trichloropropane	12.847	75	93454	30.197	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	93454	70.546	ug/l #	13

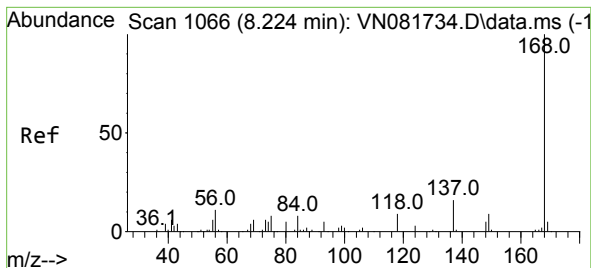
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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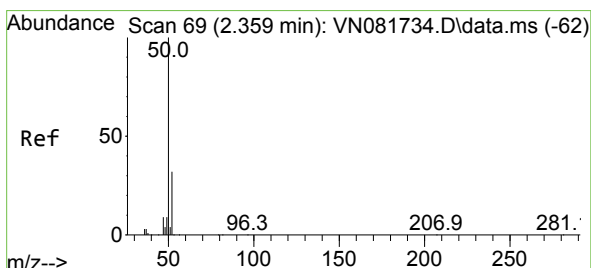
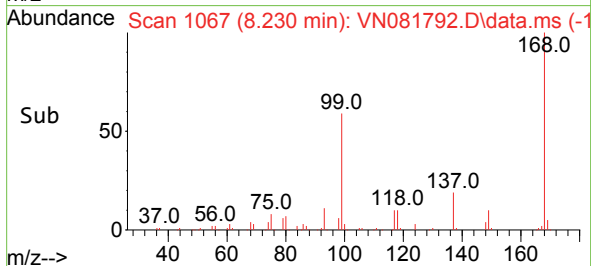
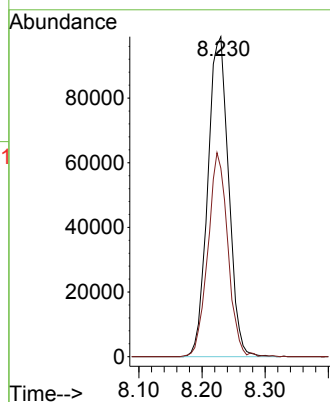
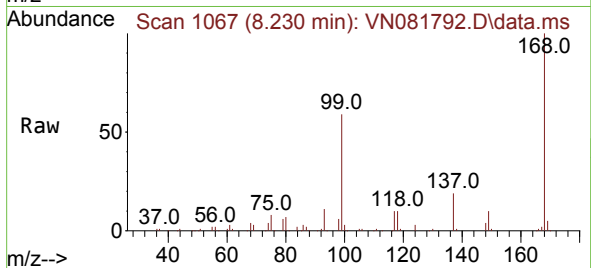




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN081792.D
Acq: 18 Apr 2024 17:06

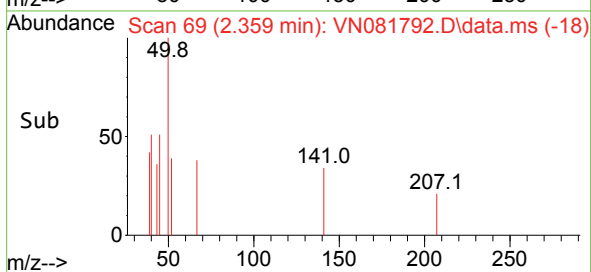
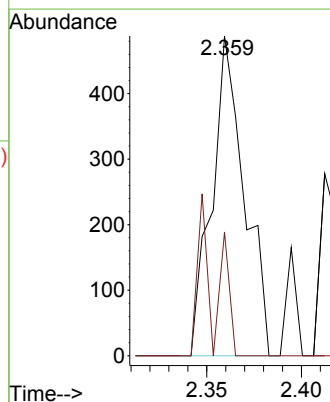
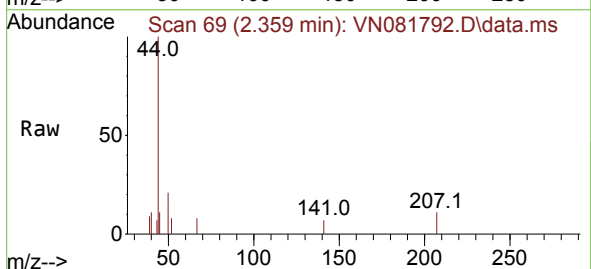
Instrument :
MSVOA_N
ClientSampleId :

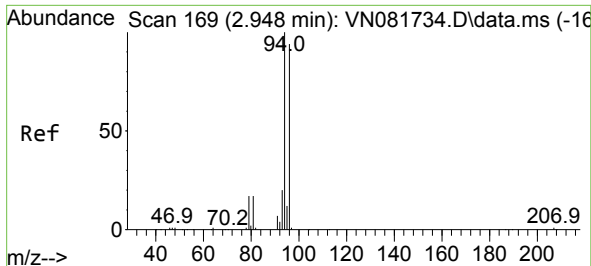
Tgt Ion:168 Resp: 226172
Ion Ratio Lower Upper
168 100
99 58.9 48.2 72.4



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081792.D
Acq: 18 Apr 2024 17:06

Tgt Ion: 50 Resp: 582
Ion Ratio Lower Upper
50 100
52 38.7 25.5 38.3#

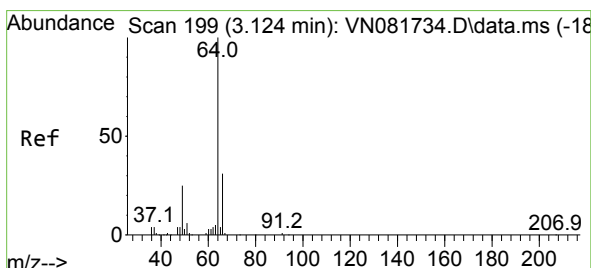
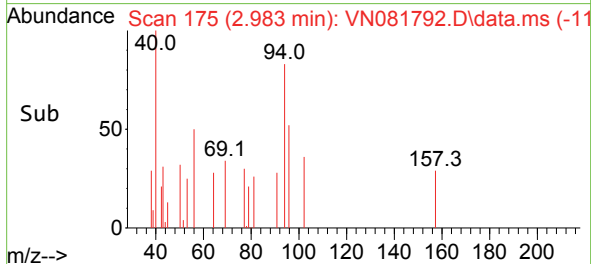
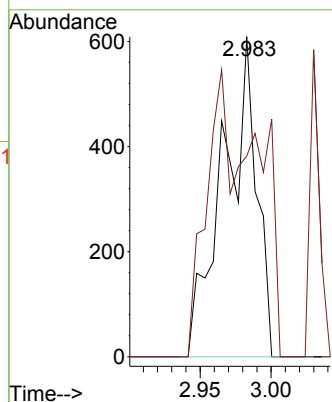
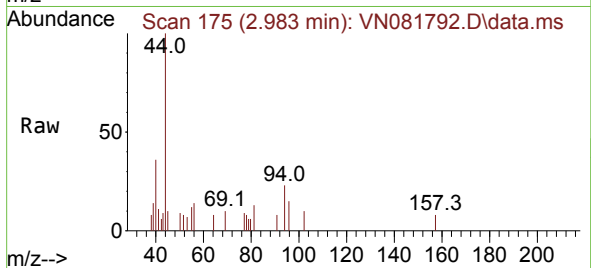




#5
Bromomethane
Concen: 0.466 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN081792.D
Acq: 18 Apr 2024 17:06

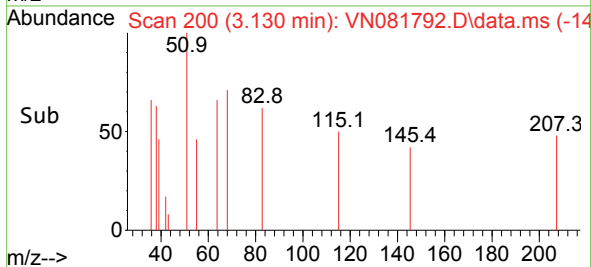
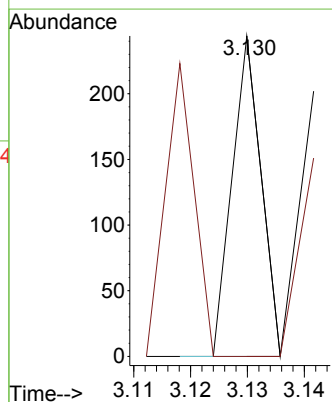
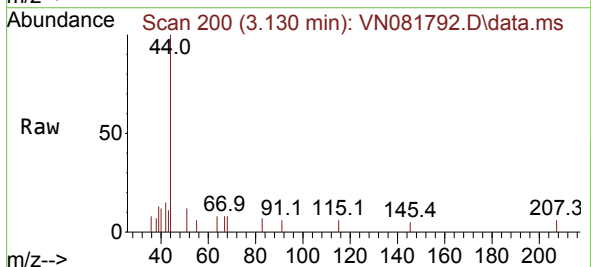
Instrument :
MSVOA_N
ClientSampleId :

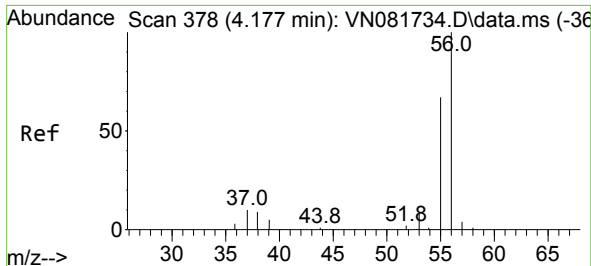
Tgt Ion: 94 Resp: 986
Ion Ratio Lower Upper
94 100
96 62.7 74.8 112.2#



#6
Chloroethane
Concen: Below Cal
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN081792.D
Acq: 18 Apr 2024 17:06

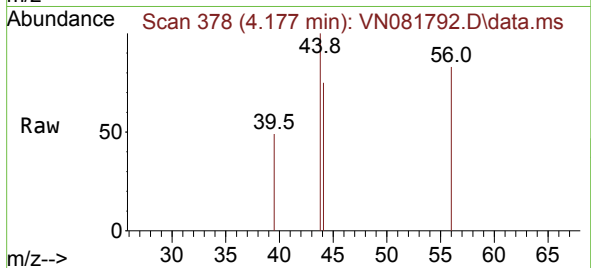
Tgt Ion: 64 Resp: 86
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



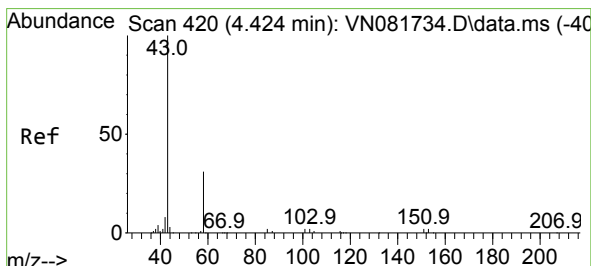
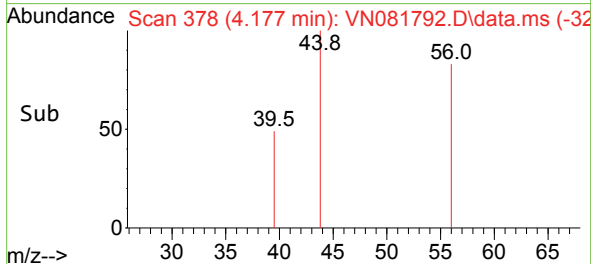
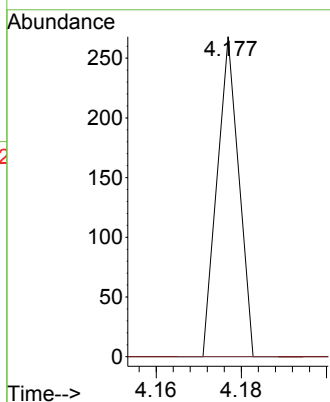


#13
Acrolein
Concen: 0.206 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN081792.D
Acq: 18 Apr 2024 17:06

Instrument :
MSVOA_N
ClientSampleId :

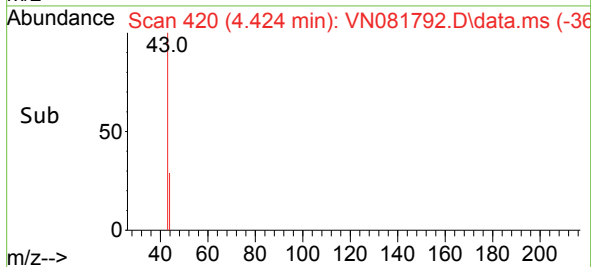
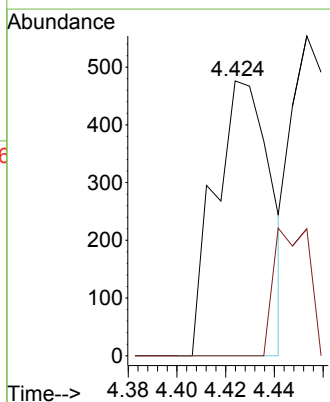
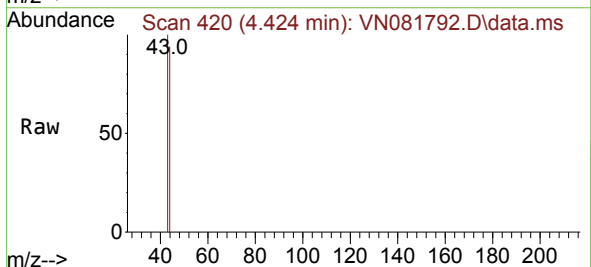


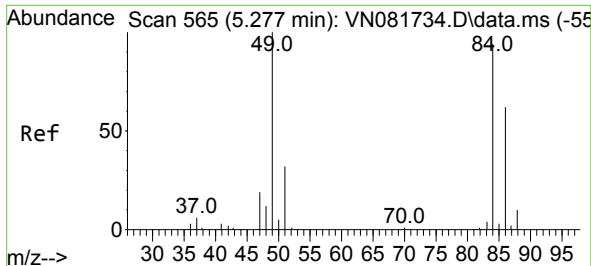
Tgt Ion: 56 Resp: 95
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.8#



#16
Acetone
Concen: 0.846 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN081792.D
Acq: 18 Apr 2024 17:06

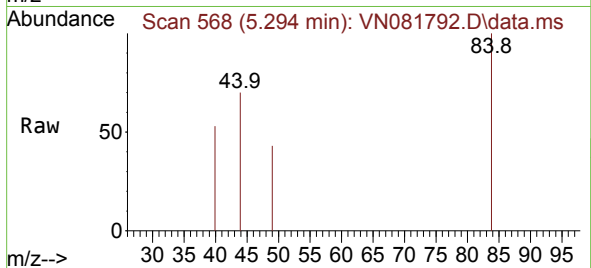
Tgt Ion: 43 Resp: 749
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#





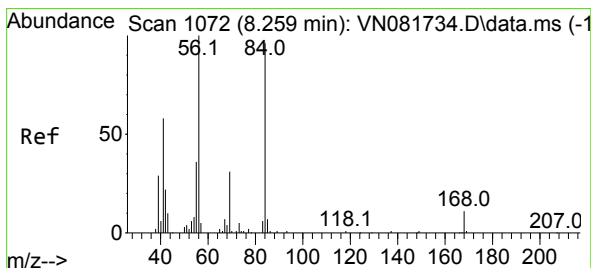
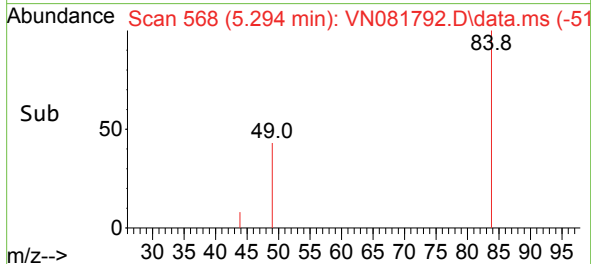
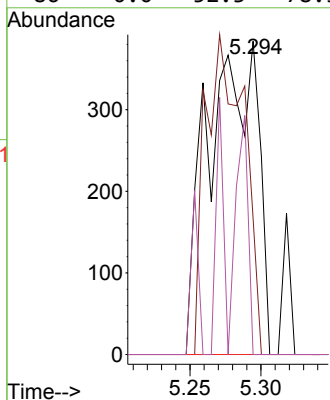
#20
Methylene Chloride
Concen: Below Cal
RT: 5.294 min Scan# 50
Delta R.T. 0.017 min
Lab File: VN081792.D
Acq: 18 Apr 2024 17:06

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 929

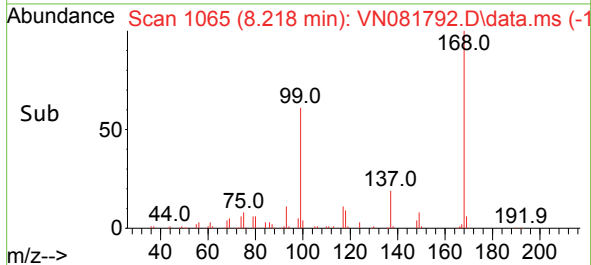
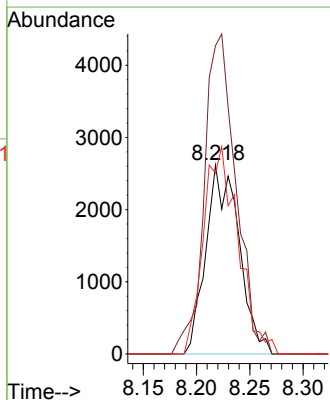
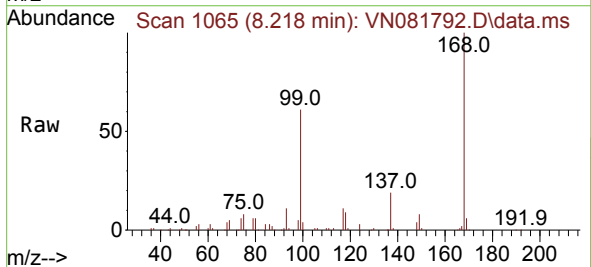
Ion	Ratio	Lower	Upper
84	100		
49	43.5	84.9	127.3#
51	0.0	27.0	40.6#
86	0.0	52.3	78.5#

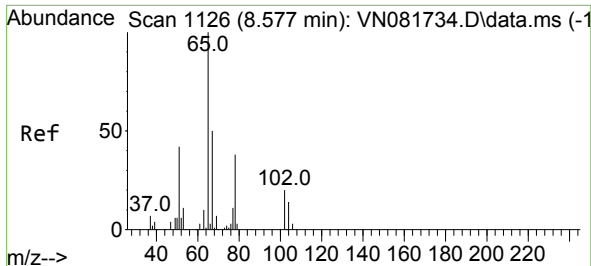


#31
Cyclohexane
Concen: 1.293 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN081792.D
Acq: 18 Apr 2024 17:06

Tgt Ion: 56 Resp: 5646

Ion	Ratio	Lower	Upper
56	100		
69	163.3	24.4	36.6#
84	95.8	77.0	115.4





#33

1,2-Dichloroethane-d4

Concen: 51.806 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

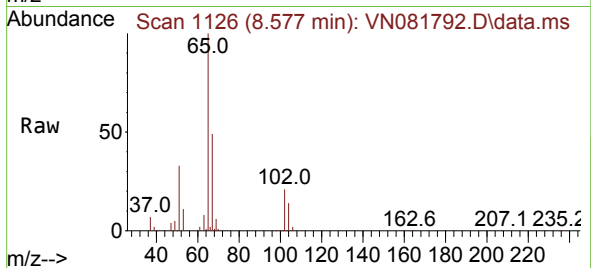
Lab File: VN081792.D

Acq: 18 Apr 2024 17:06

Instrument :

MSVOA_N

ClientSampleId :

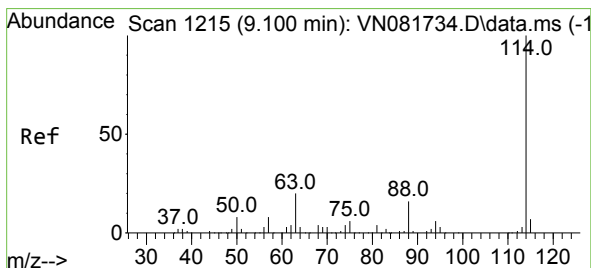
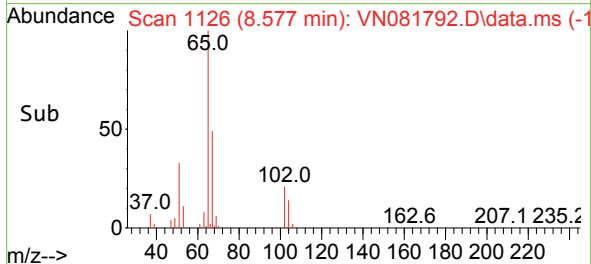
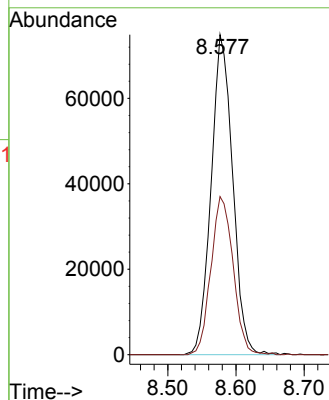


Tgt Ion: 65 Resp: 164878

Ion Ratio Lower Upper

65 100

67 50.9 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: VN081792.D

Acq: 18 Apr 2024 17:06

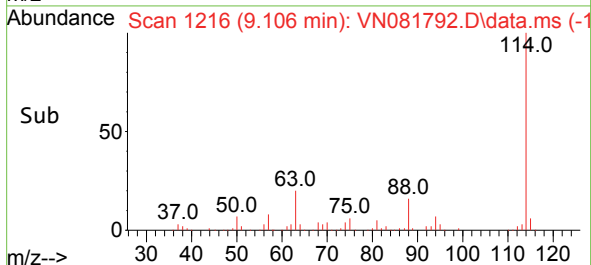
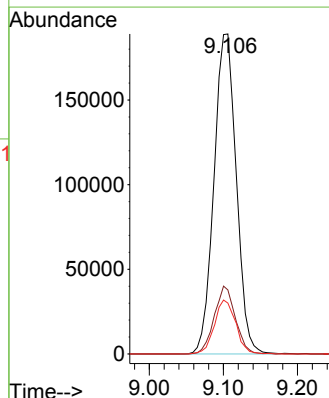
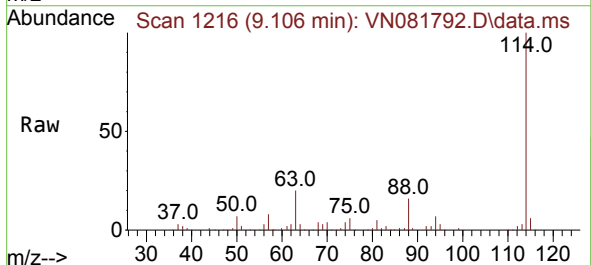
Tgt Ion: 114 Resp: 395466

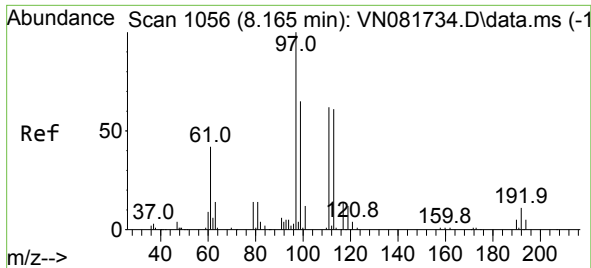
Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.0

88 15.9 0.0 31.4

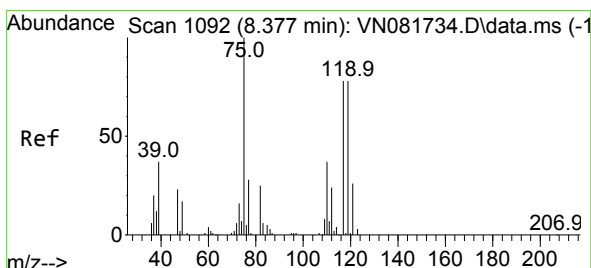
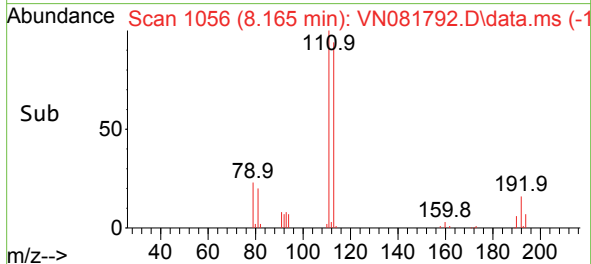
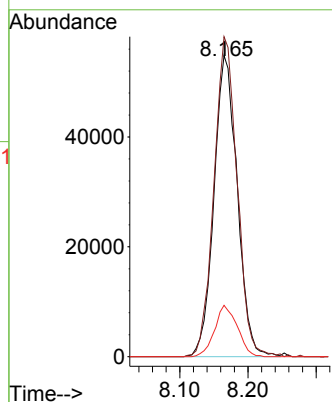
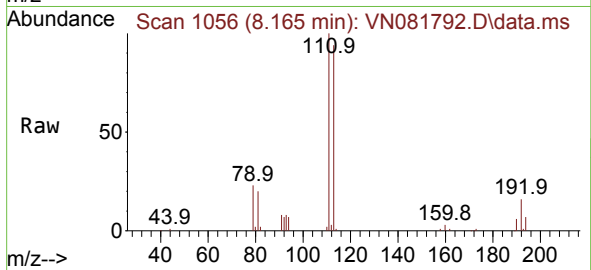




#35
Dibromofluoromethane
Concen: 49.954 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081792.D
Acq: 18 Apr 2024 17:06

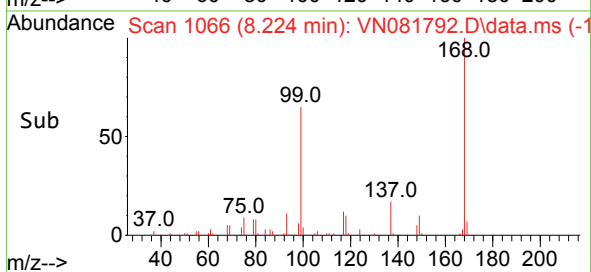
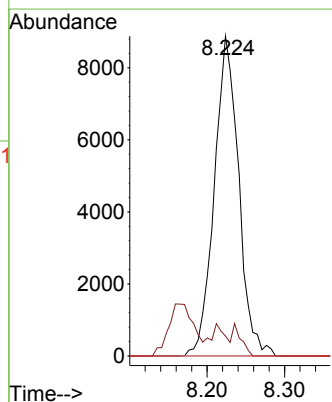
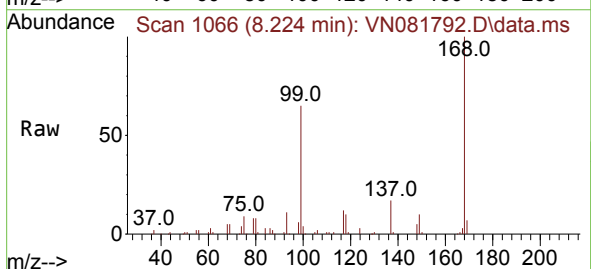
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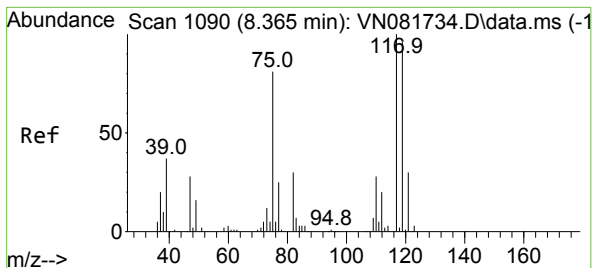
Tgt Ion:113 Resp: 130451
Ion Ratio Lower Upper
113 100
111 105.6 83.4 125.2
192 16.6 14.0 21.0



#36
1,1-Dichloropropene
Concen: 5.325 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN081792.D
Acq: 18 Apr 2024 17:06

Tgt Ion: 75 Resp: 19375
Ion Ratio Lower Upper
75 100
110 3.6 17.8 53.5#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.656 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.141 min

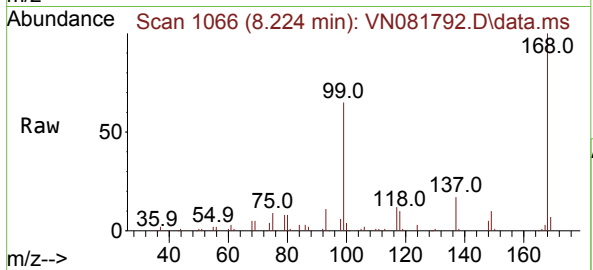
Lab File: VN081792.D

Acq: 18 Apr 2024 17:06

Instrument :

MSVOA_N

ClientSampleId :



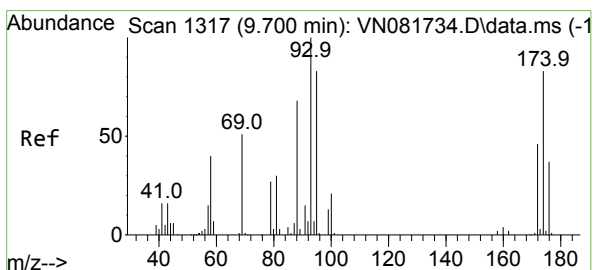
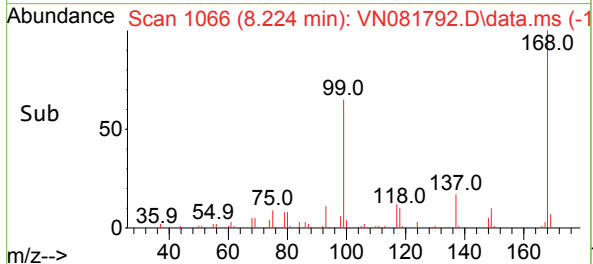
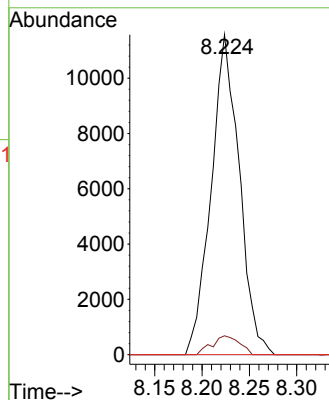
Tgt Ion:117 Resp: 23942

Ion Ratio Lower Upper

117 100

119 5.9 76.5 114.7#

121 0.0 23.9 35.9#



#49

1,4-Dioxane

Concen: 0.982 ug/l

RT: 9.471 min Scan# 1278

Delta R.T. -0.229 min

Lab File: VN081792.D

Acq: 18 Apr 2024 17:06

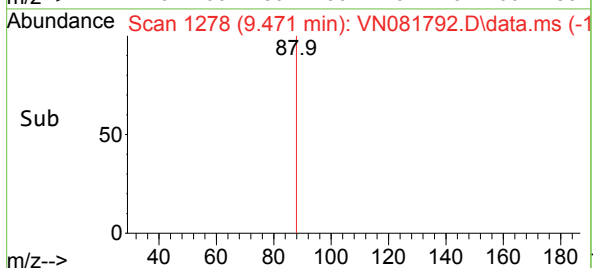
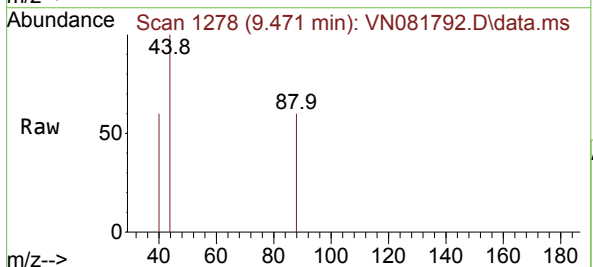
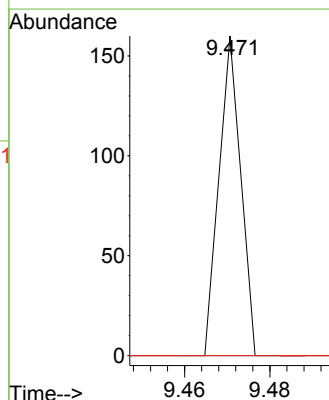
Tgt Ion: 88 Resp: 56

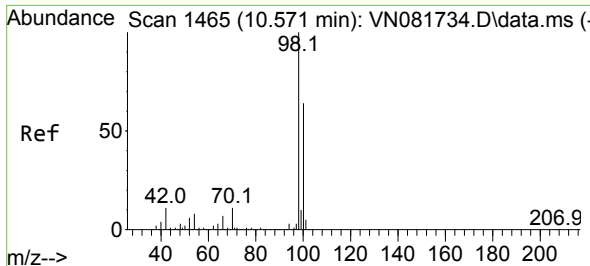
Ion Ratio Lower Upper

88 100

43 0.0 19.0 28.6#

58 0.0 50.6 76.0#

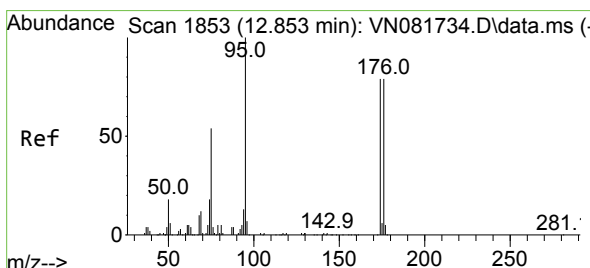
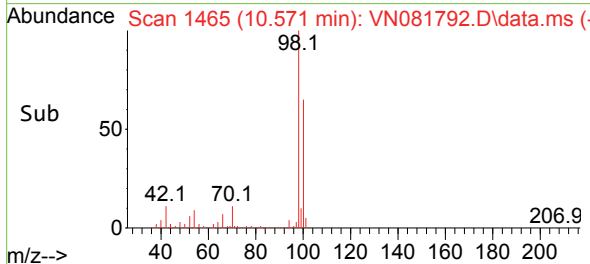
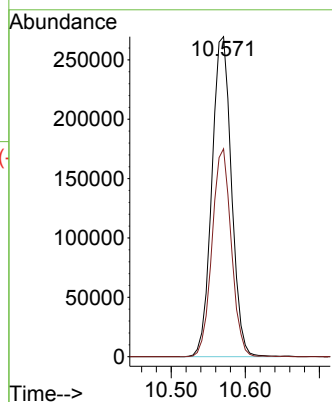
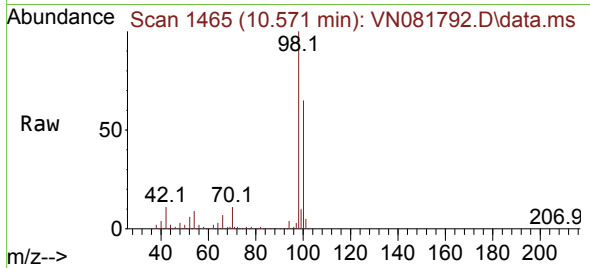




#50
Toluene-d8
Concen: 51.494 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081792.D
Acq: 18 Apr 2024 17:06

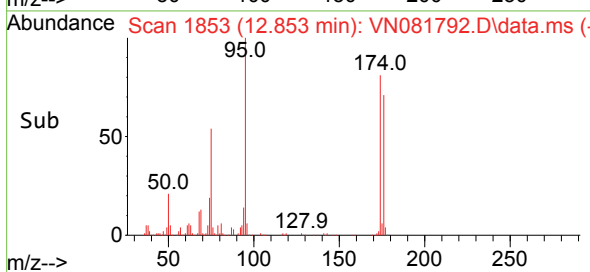
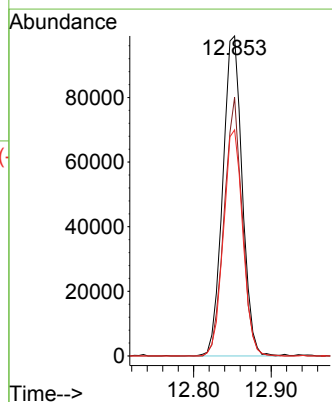
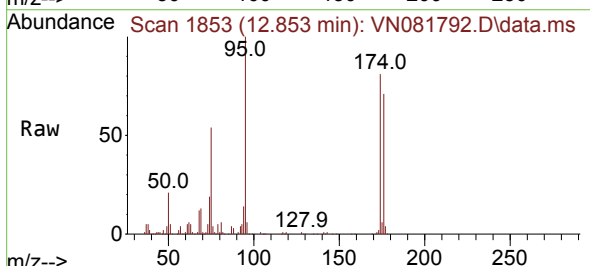
Instrument :
MSVOA_N
ClientSampleId :

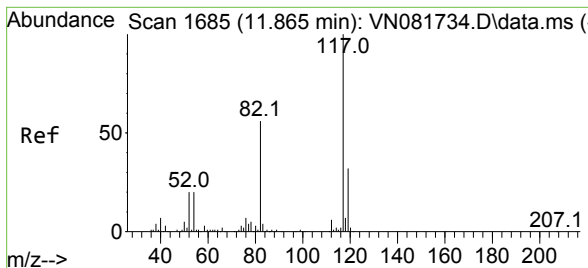
Tgt Ion: 98 Resp: 495399
Ion Ratio Lower Upper
98 100
100 63.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 52.614 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081792.D
Acq: 18 Apr 2024 17:06

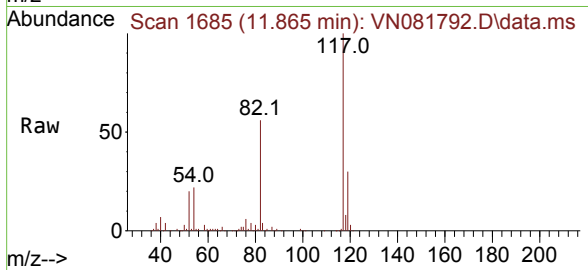
Tgt Ion: 95 Resp: 172971
Ion Ratio Lower Upper
95 100
174 75.1 0.0 160.6
176 70.4 0.0 152.8



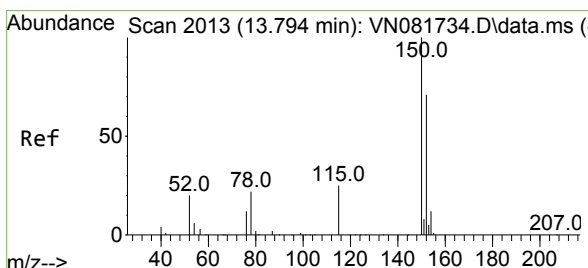
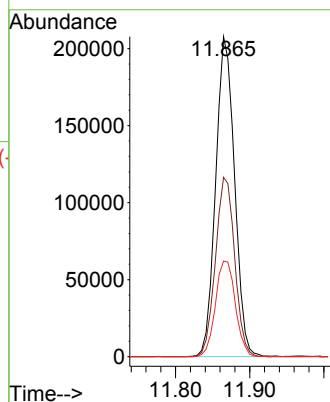
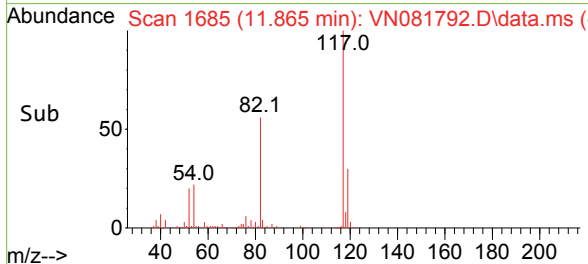


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN081792.D
Acq: 18 Apr 2024 17:06

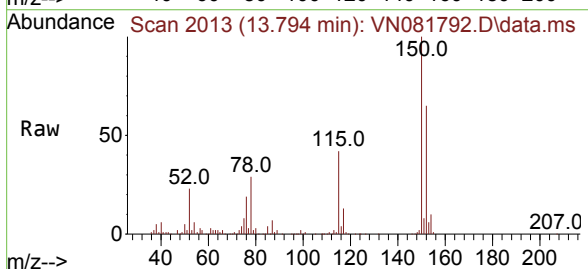
Instrument :
MSVOA_N
ClientSampleId :



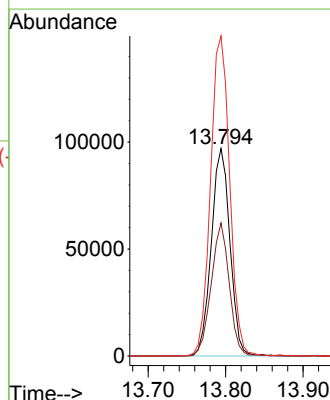
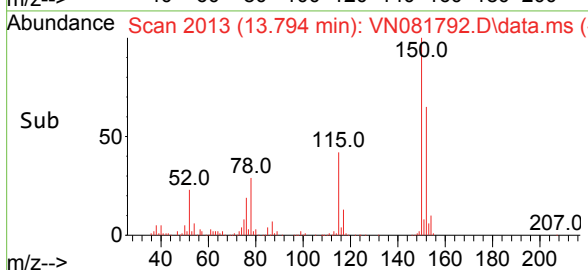
Tgt Ion:117 Resp: 367382
Ion Ratio Lower Upper
117 100
82 56.0 44.6 66.8
119 29.9 25.9 38.9

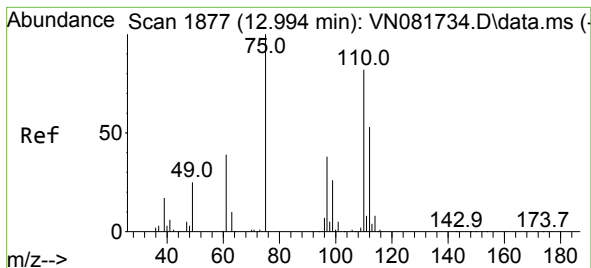


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081792.D
Acq: 18 Apr 2024 17:06



Tgt Ion:152 Resp: 162091
Ion Ratio Lower Upper
152 100
115 62.2 30.4 91.3
150 157.9 0.0 353.2





#76

1,2,3-Trichloropropane

Concen: 30.197 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN081792.D

Acq: 18 Apr 2024 17:06

Instrument :

MSVOA_N

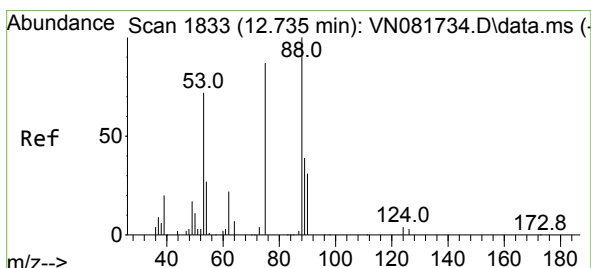
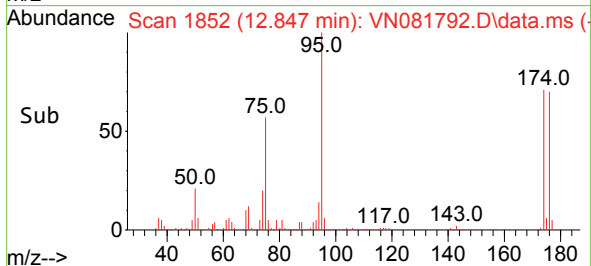
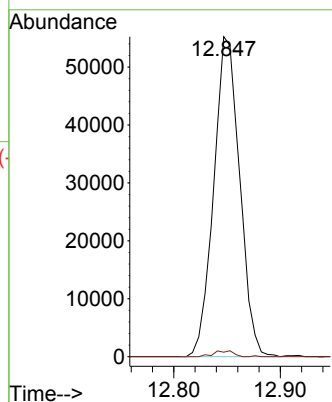
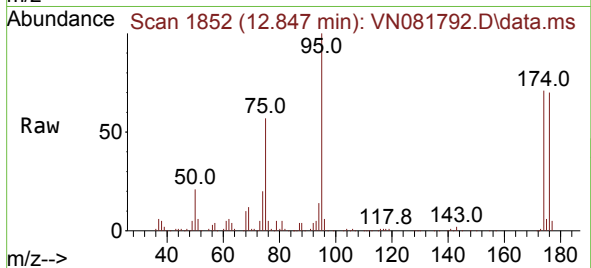
ClientSampleId :

Tgt Ion: 75 Resp: 93454

Ion Ratio Lower Upper

75 100

77 1.4 90.5 271.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 70.546 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN081792.D

Acq: 18 Apr 2024 17:06

Tgt Ion: 75 Resp: 93454

Ion Ratio Lower Upper

75 100

53 0.2 72.9 109.3#

89 0.1 39.1 58.7#

