

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092524\
 Data File : VN084166.D
 Acq On : 25 Sep 2024 17:47
 Operator : JC\MD
 Sample : P4116-12DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT191D2-20240917DL

Quant Time: Sep 26 01:36:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

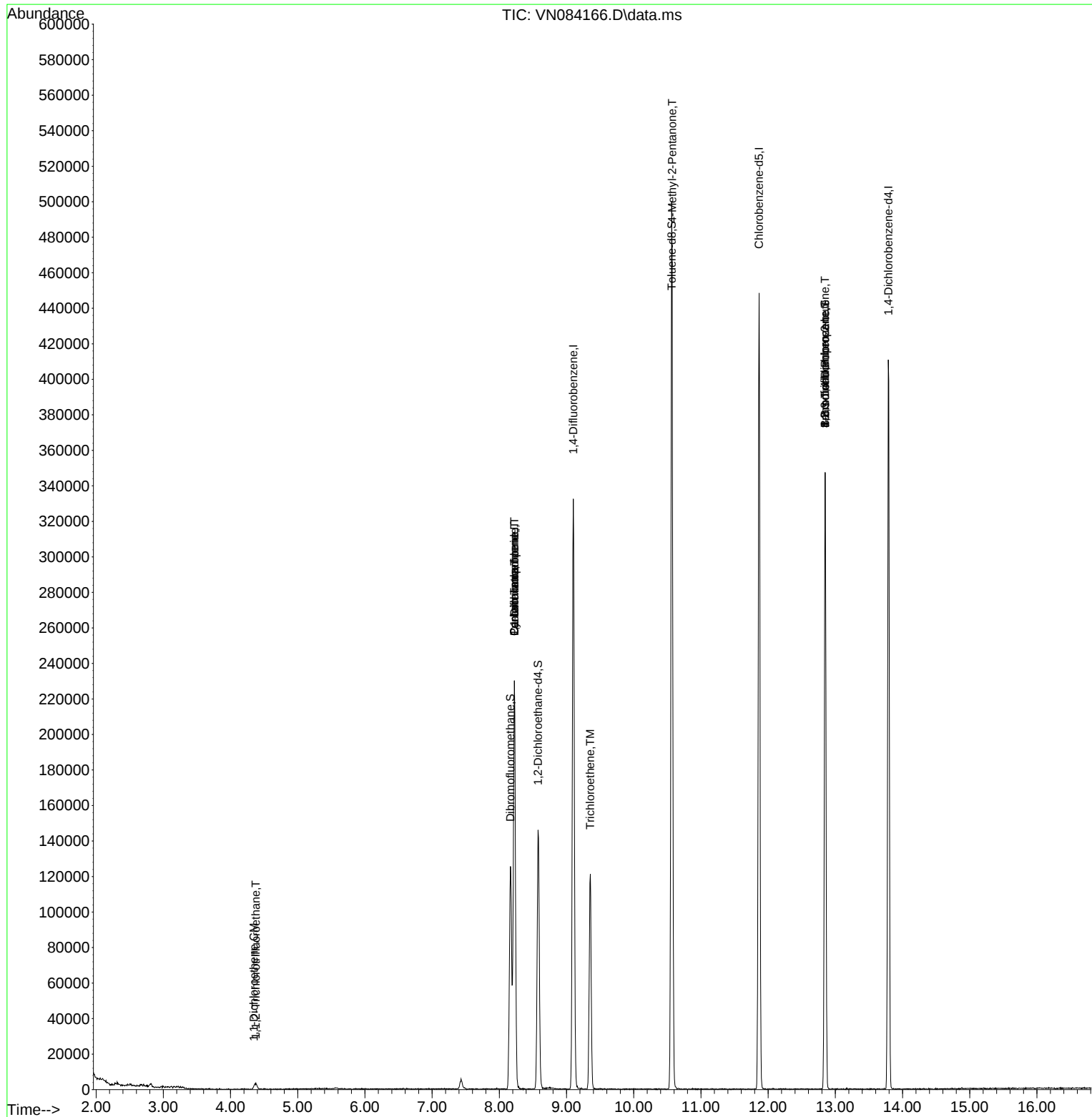
Internal Standards						
1) Pentafluorobenzene	8.224	168	155642	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	280711	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	246655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	105815	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121624	51.824	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.640%	
35) Dibromofluoromethane	8.165	113	90694	50.468	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.940%	
50) Toluene-d8	10.565	98	338339	54.460	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.920%	
62) 4-Bromofluorobenzene	12.847	95	122062	47.622	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 95.240%	
Target Compounds						Qvalue
3) Chloromethane	2.359	50	117	Below Cal	#	41
9) 1,1,2-Trichlorotrifluo...	4.377	101	2540	1.425	ug/l	94
12) 1,1-Dichloroethene	4.348	96	411	0.244	ug/l #	48
31) Cyclohexane	8.224	56	3788	1.117	ug/l #	24
36) 1,1-Dichloropropene	8.224	75	14847	5.489	ug/l #	49
38) Carbon Tetrachloride	8.224	117	17655	5.753	ug/l #	18
44) Trichloroethene	9.353	130	42664	22.630	ug/l	99
51) 4-Methyl-2-Pentanone	10.571	43	1365	0.564	ug/l #	1
71) Bromoform	12.847	173	891	0.696	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	65252	30.561	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	65252	80.042	ug/l #	9

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

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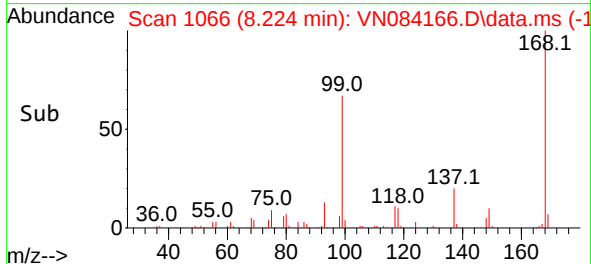
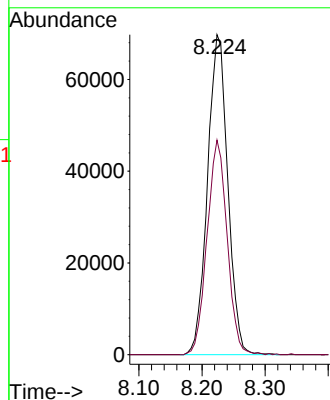
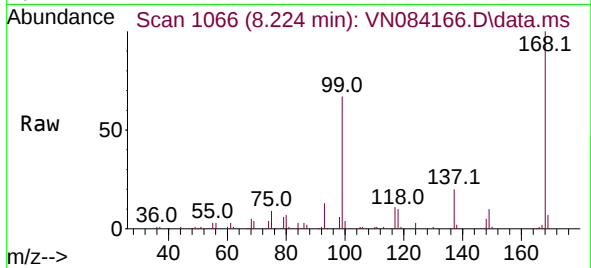




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084166.D
Acq: 25 Sep 2024 17:47

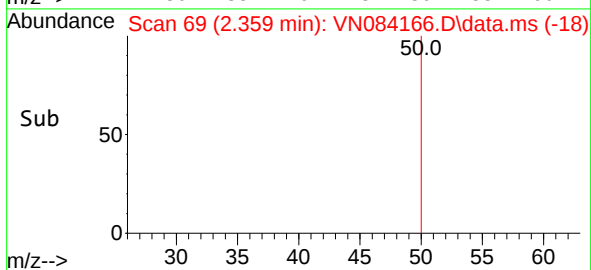
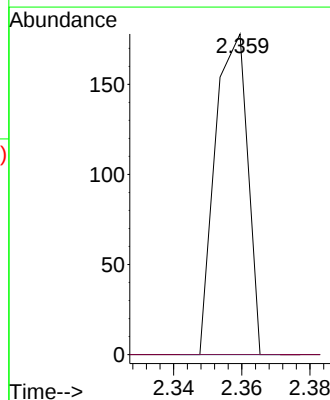
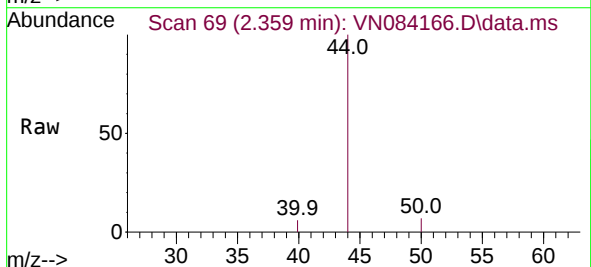
Instrument :
MSVOA_N
ClientSampleId :
TT191D2-20240917DL

Tgt Ion:168 Resp: 155642
Ion Ratio Lower Upper
168 100
99 67.0 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084166.D
Acq: 25 Sep 2024 17:47

Tgt Ion: 50 Resp: 117
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

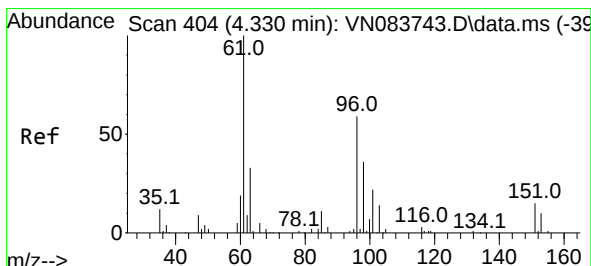
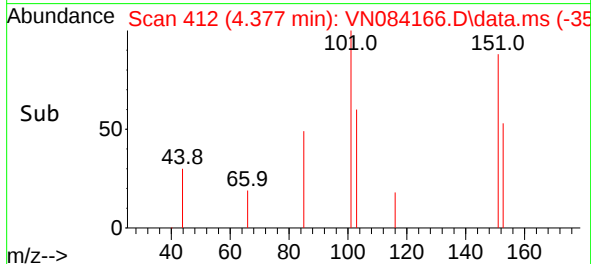
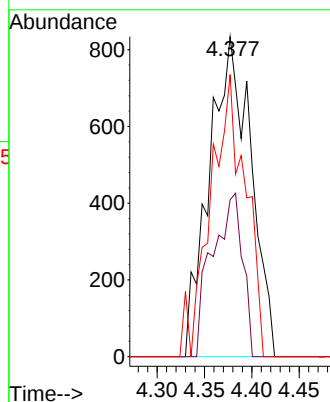
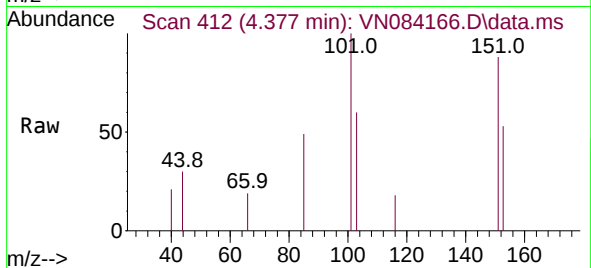




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.425 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.024 min
Lab File: VN084166.D
Acq: 25 Sep 2024 17:47

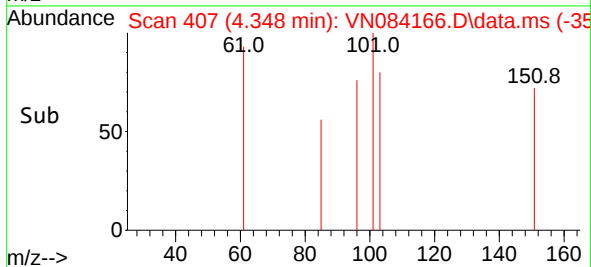
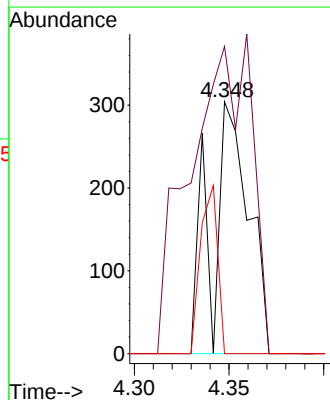
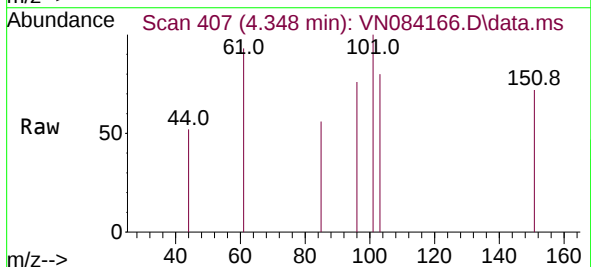
Instrument :
MSVOA_N
ClientSampleId :
TT191D2-20240917DL

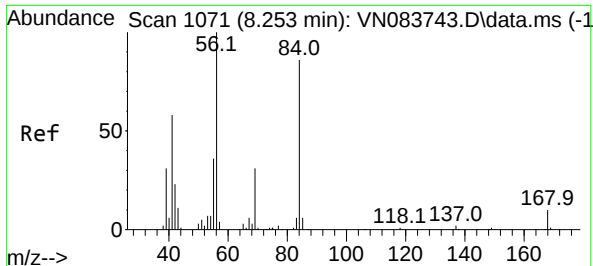
Tgt Ion:101 Resp: 2540
Ion Ratio Lower Upper
101 100
85 37.3 36.2 54.4
151 74.3 57.7 86.5



#12
1,1-Dichloroethene
Concen: 0.244 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.018 min
Lab File: VN084166.D
Acq: 25 Sep 2024 17:47

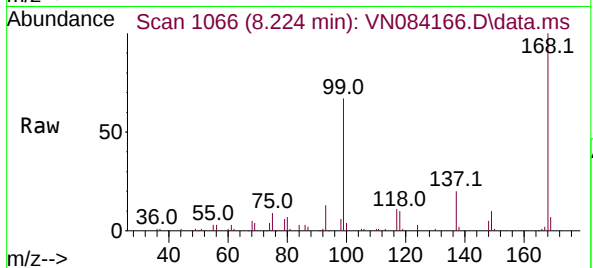
Tgt Ion: 96 Resp: 411
Ion Ratio Lower Upper
96 100
61 122.0 143.4 215.0#
98 0.0 52.7 79.1#



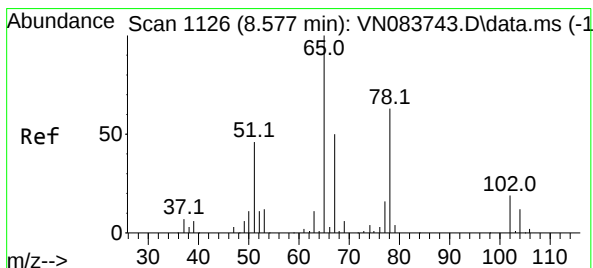
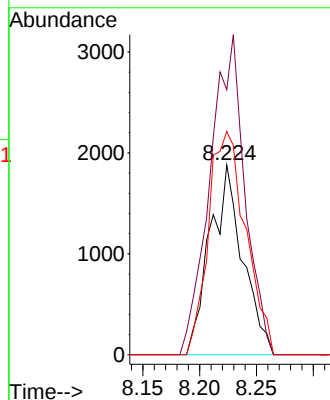
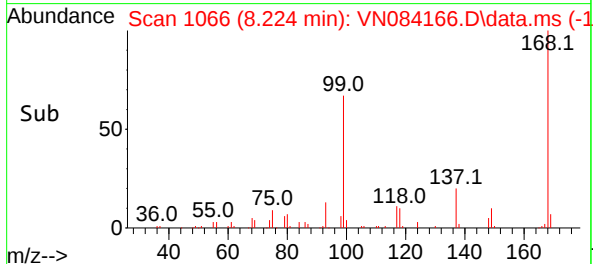


#31
Cyclohexane
Concen: 1.117 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084166.D
Acq: 25 Sep 2024 17:47

Instrument :
MSVOA_N
ClientSampleId :
TT191D2-20240917DL

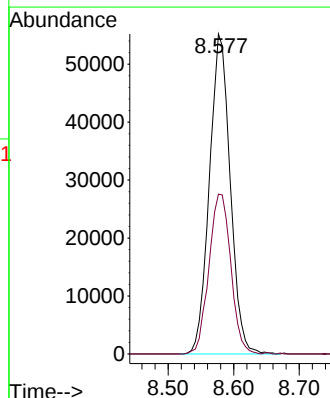
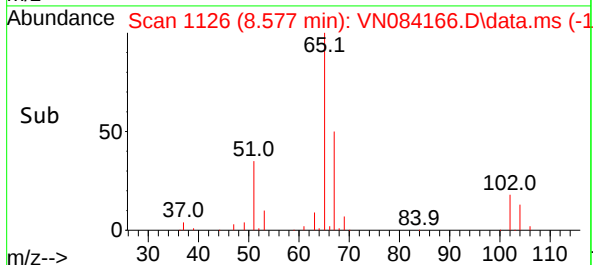
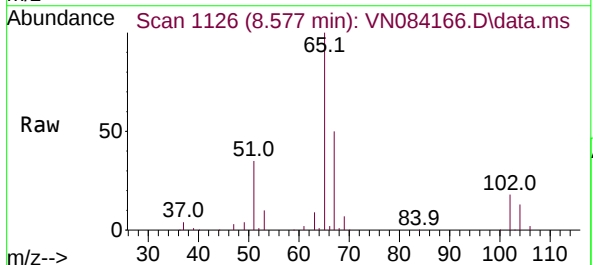


Tgt Ion: 56 Resp: 3788
Ion Ratio Lower Upper
56 100
69 139.7 26.9 40.3#
84 117.7 69.2 103.8#



#33
1,2-Dichloroethane-d4
Concen: 51.824 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084166.D
Acq: 25 Sep 2024 17:47

Tgt Ion: 65 Resp: 121624
Ion Ratio Lower Upper
65 100
67 52.4 0.0 100.8

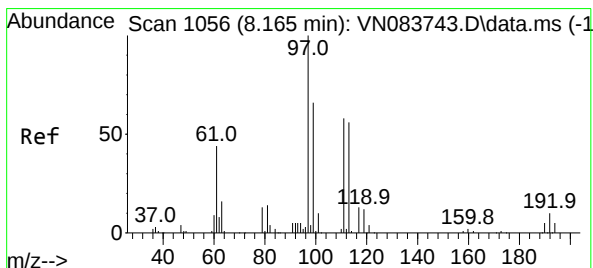
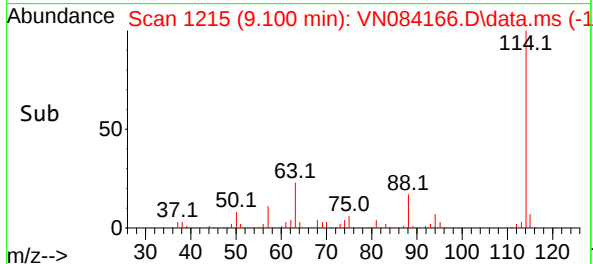
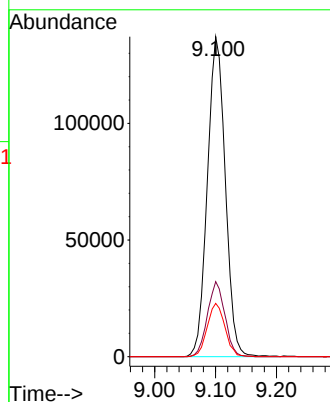
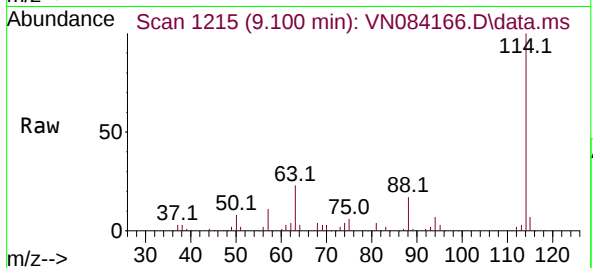




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084166.D
Acq: 25 Sep 2024 17:47

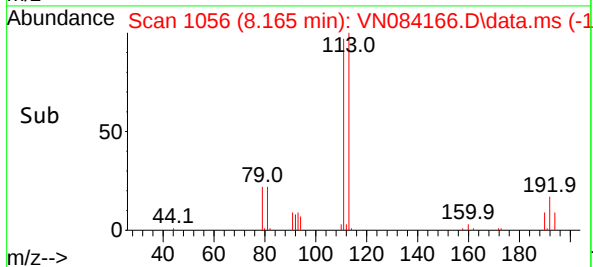
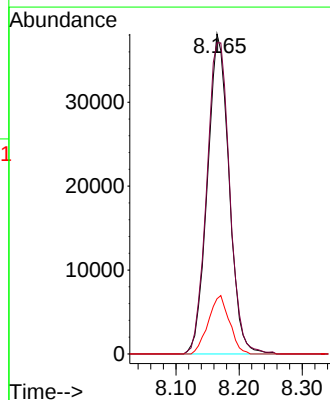
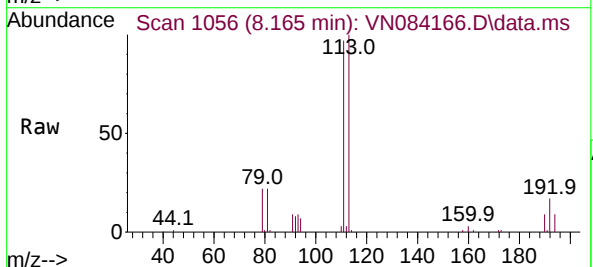
Instrument :
MSVOA_N
ClientSampleId :
TT191D2-20240917DL

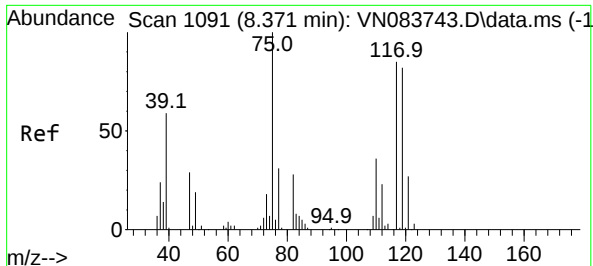
Tgt Ion:114 Resp: 280711
Ion Ratio Lower Upper
114 100
63 23.4 0.0 43.4
88 16.7 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.468 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084166.D
Acq: 25 Sep 2024 17:47

Tgt Ion:113 Resp: 90694
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 17.8 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.489 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084166.D

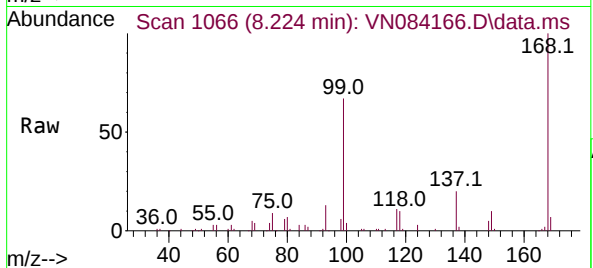
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Instrument :

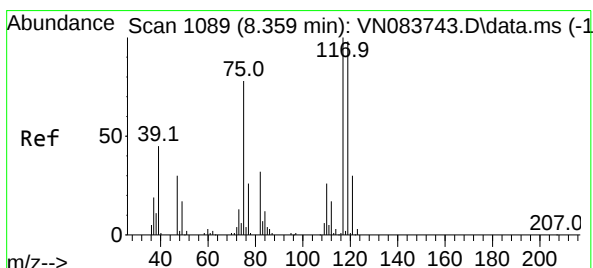
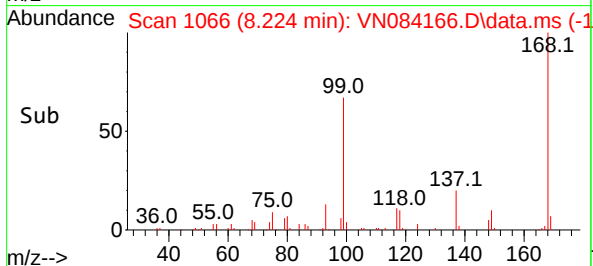
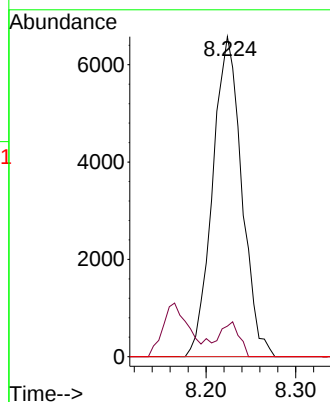
MSVOA_N

ClientSampleId :

TT191D2-20240917DL



Tgt Ion:	75	Resp:	14847
Ion Ratio	Lower	Upper	
75	100		
110	7.1	16.7	50.1#
77	0.0	25.2	37.8#



#38

Carbon Tetrachloride

Concen: 5.753 ug/l

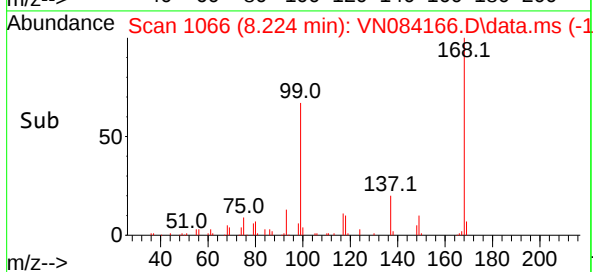
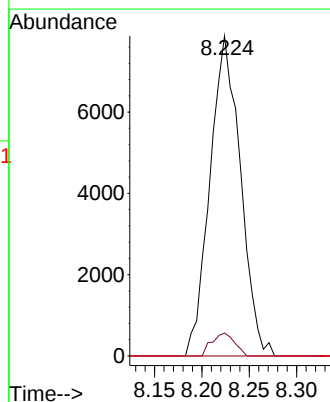
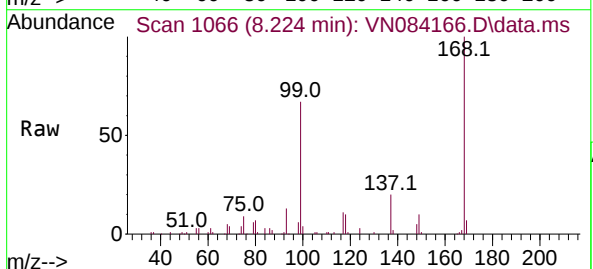
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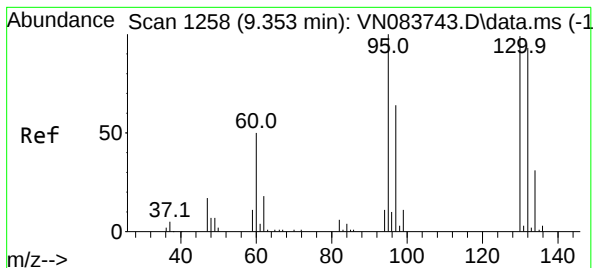
Delta R.T. -0.135 min

Lab File: VN084166.D

Acq: 25 Sep 2024 17:47

Tgt Ion:	117	Resp:	17655
Ion Ratio	Lower	Upper	
117	100		
119	7.2	76.1	114.1#
121	0.0	24.1	36.1#





#44

Trichloroethene

Concen: 22.630 ug/l

RT: 9.353 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084166.D

Acq: 25 Sep 2024 17:47

Instrument :

MSVOA_N

ClientSampleId :

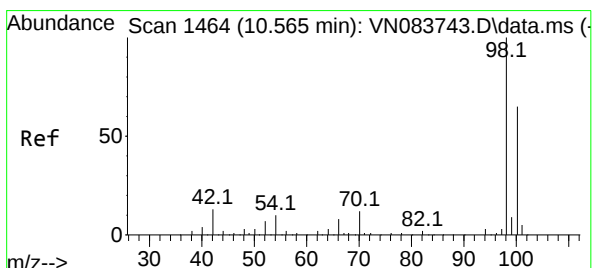
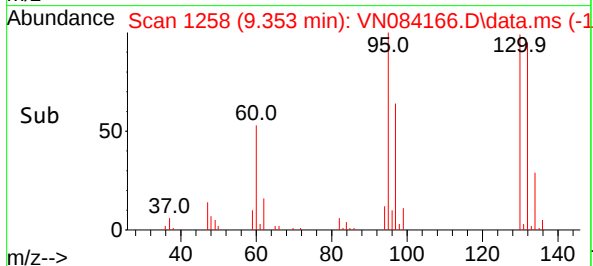
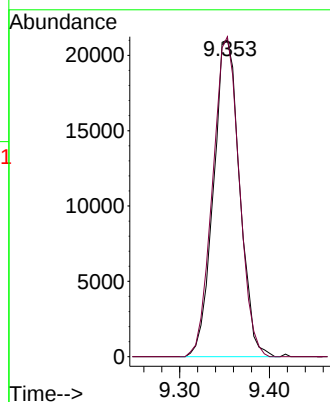
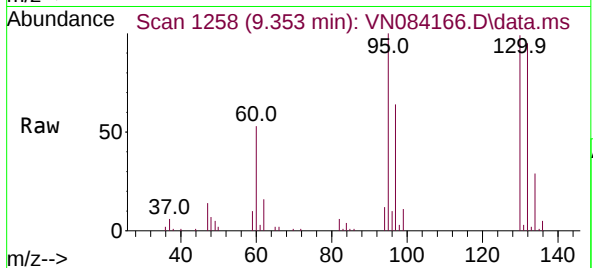
TT191D2-20240917DL

Tgt Ion:130 Resp: 42664

Ion Ratio Lower Upper

130 100

95 101.0 0.0 200.4



#50

Toluene-d8

Concen: 54.460 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084166.D

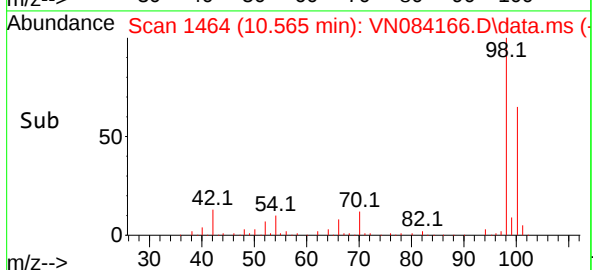
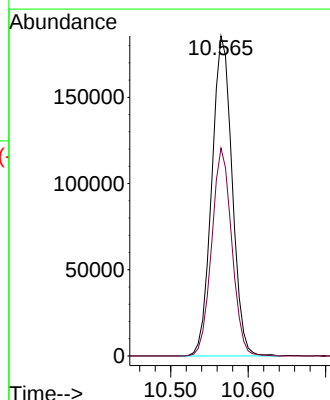
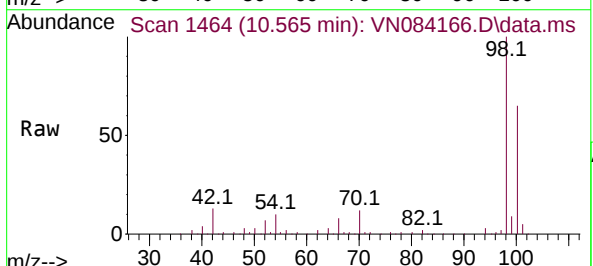
Acq: 25 Sep 2024 17:47

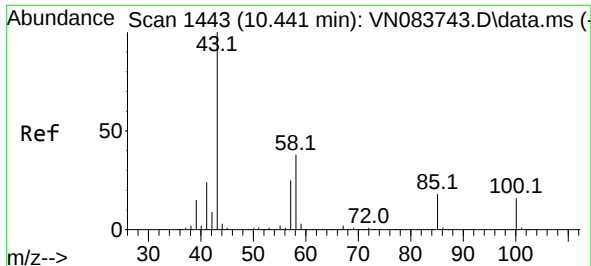
Tgt Ion: 98 Resp: 338339

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 0.564 ug/l

RT: 10.571 min Scan# 1443

Delta R.T. 0.129 min

Lab File: VN084166.D

Acq: 25 Sep 2024 17:47

Instrument :

MSVOA_N

ClientSampleId :

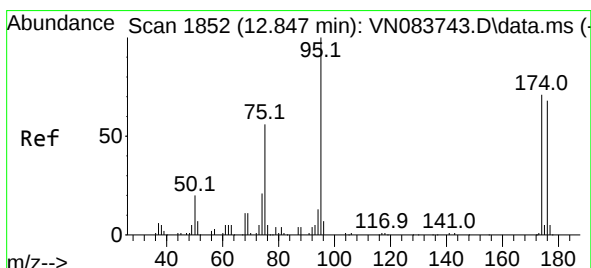
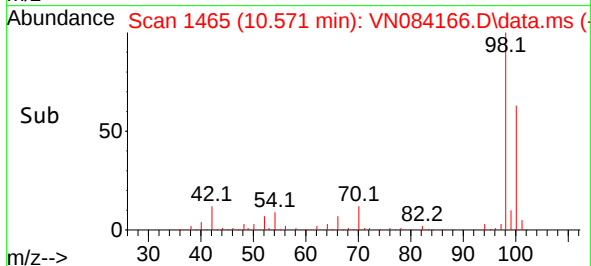
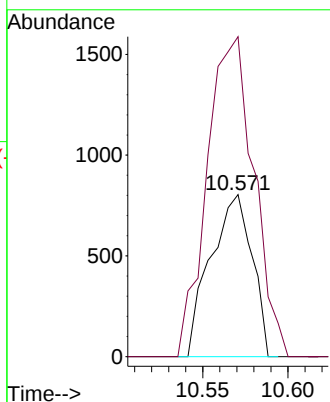
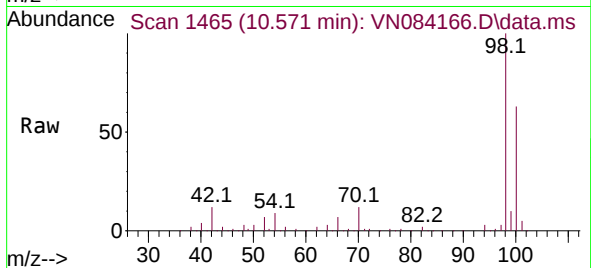
TT191D2-20240917DL

Tgt Ion: 43 Resp: 1365

Ion Ratio Lower Upper

43 100

58 222.3 31.6 47.4#



#62

4-Bromofluorobenzene

Concen: 47.622 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084166.D

Acq: 25 Sep 2024 17:47

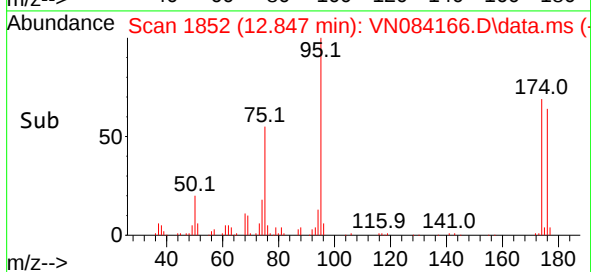
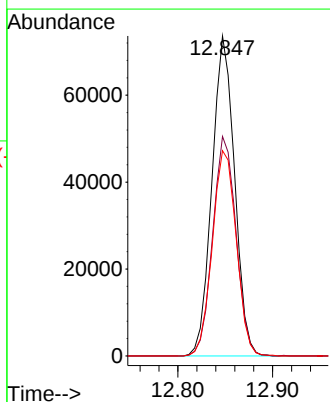
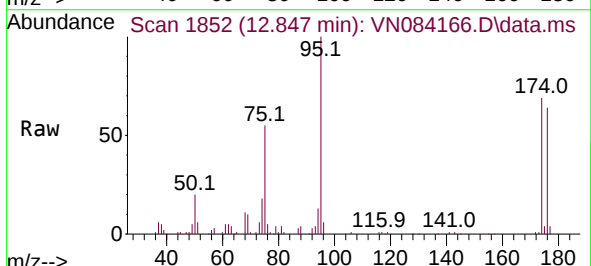
Tgt Ion: 95 Resp: 122062

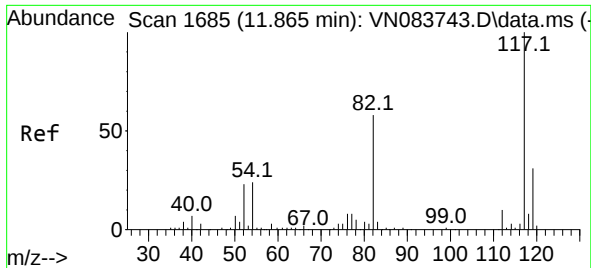
Ion Ratio Lower Upper

95 100

174 70.7 0.0 139.8

176 68.0 0.0 131.4

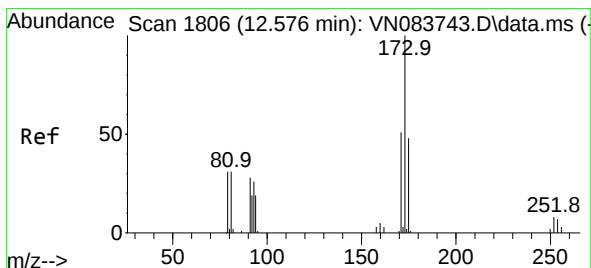
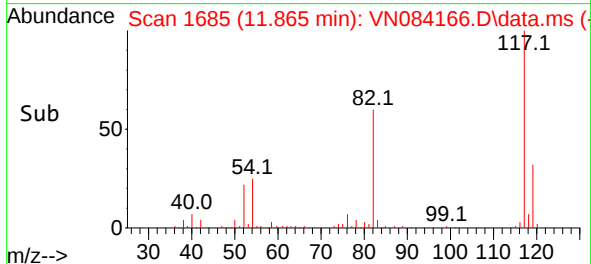
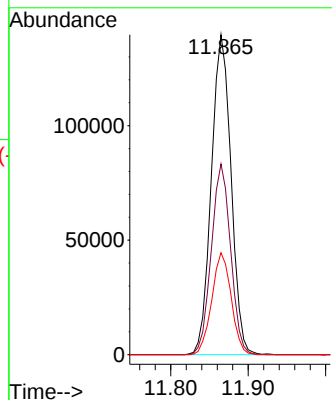
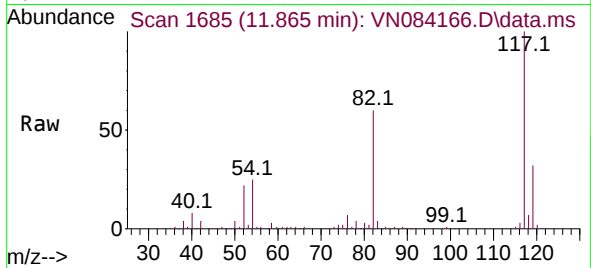




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN084166.D
Acq: 25 Sep 2024 17:47

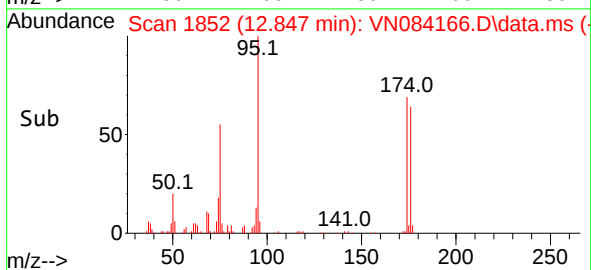
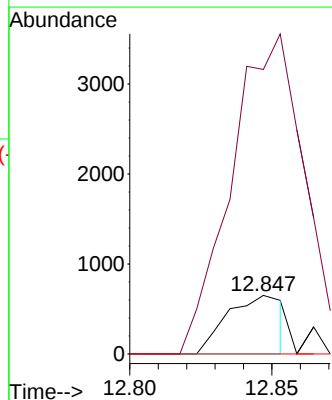
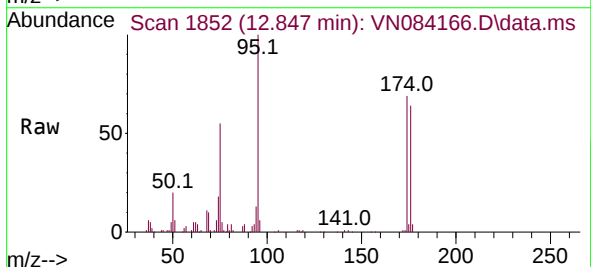
Instrument :
MSVOA_N
ClientSampleId :
TT191D2-20240917DL

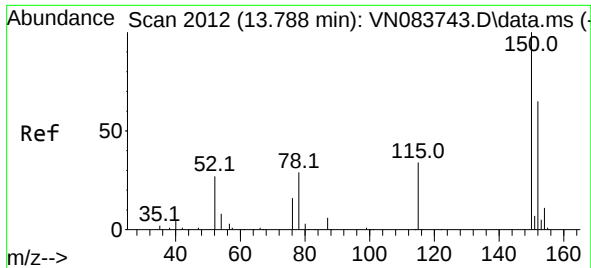
Tgt Ion:117 Resp: 246655
Ion Ratio Lower Upper
117 100
82 59.6 47.4 71.0
119 31.9 26.3 39.5



#71
Bromoform
Concen: 0.696 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN084166.D
Acq: 25 Sep 2024 17:47

Tgt Ion:173 Resp: 891
Ion Ratio Lower Upper
173 100
175 386.0 24.1 72.2#
254 0.0 0.0 0.0

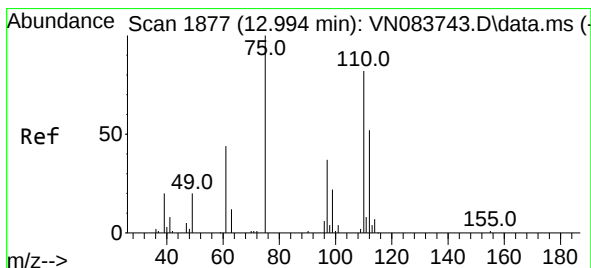
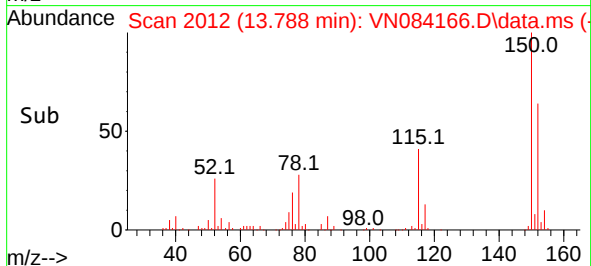
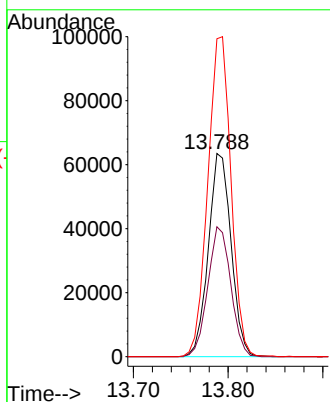
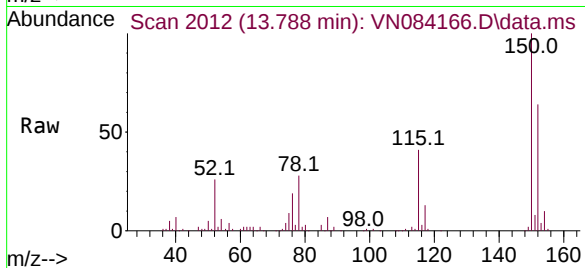




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN084166.D
 Acq: 25 Sep 2024 17:47

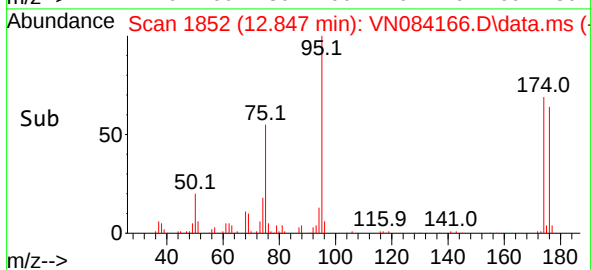
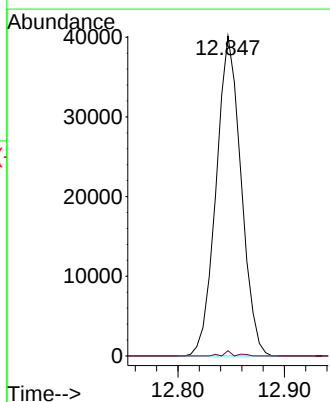
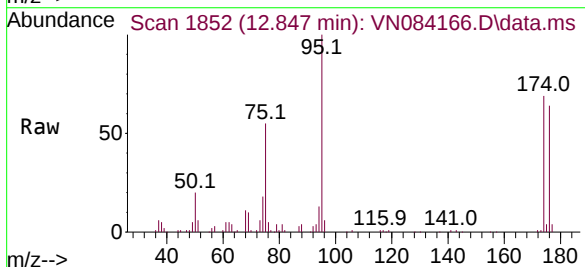
Instrument :
 MSVOA_N
 ClientSampleId :
 TT191D2-20240917DL

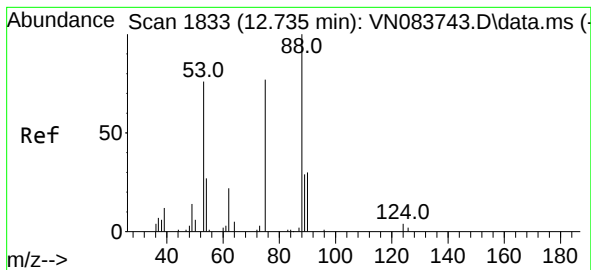
Tgt Ion:152 Resp: 105815
 Ion Ratio Lower Upper
 152 100
 115 64.4 32.2 96.6
 150 160.5 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 30.561 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN084166.D
 Acq: 25 Sep 2024 17:47

Tgt Ion: 75 Resp: 65252
 Ion Ratio Lower Upper
 75 100
 77 0.7 95.2 285.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.042 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN084166.D
 Acq: 25 Sep 2024 17:47

Instrument :
 MSVOA_N
 ClientSampleId :
 TT191D2-20240917DL

Tgt Ion: 75 Resp: 65252
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.2 121.8#
 89 0.0 35.7 53.5#

