

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011023\
 Data File : VN076185.D
 Acq On : 10 Jan 2023 16:24
 Operator : JC\MD
 Sample : 01061-07
 Misc : 1.06gr/10mL/100uL/5.0mL/MSVOA_N/MeOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1624

Quant Time: Jan 11 01:07:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

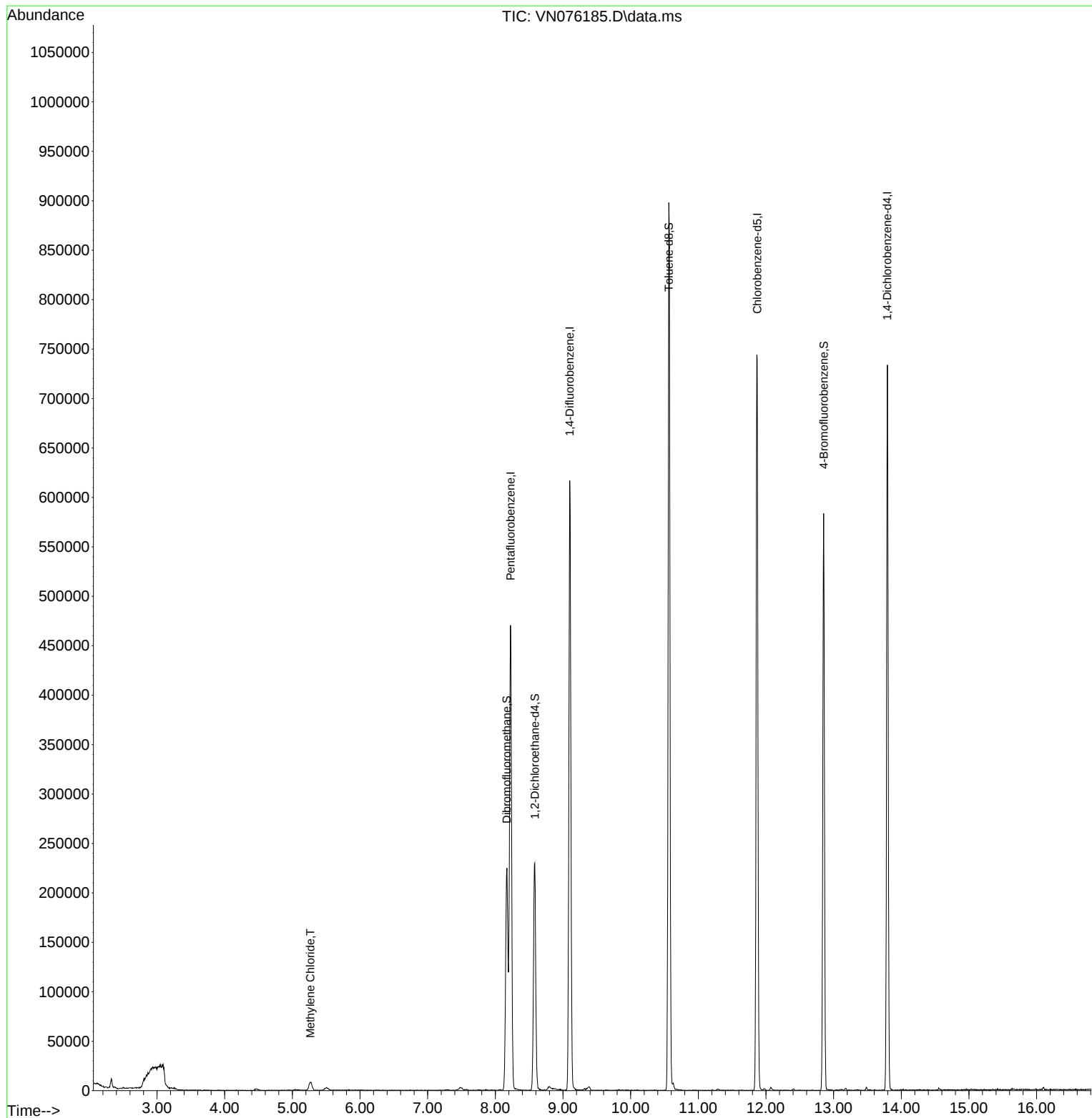
Internal Standards						
1) Pentafluorobenzene	8.224	168	362671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	563314	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	472731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	203458	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	186028	47.149	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.300%		
35) Dibromofluoromethane	8.171	113	161449	46.280	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.560%		
50) Toluene-d8	10.565	98	641406	49.176	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.360%		
62) 4-Bromofluorobenzene	12.853	95	192446	44.547	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.100%		
Target Compounds						
20) Methylene Chloride	5.265	84	7565	1.458	ug/l #	93

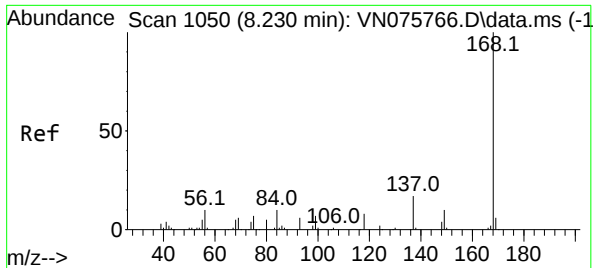
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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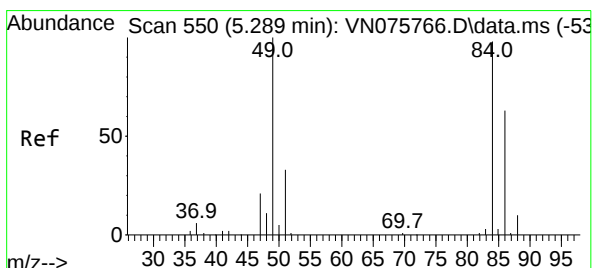
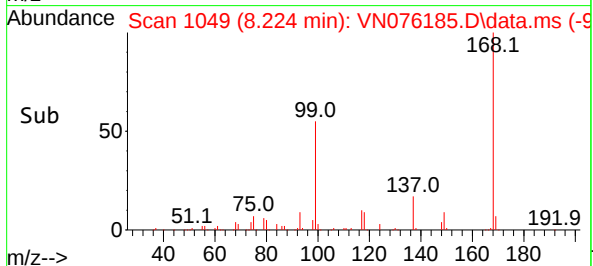
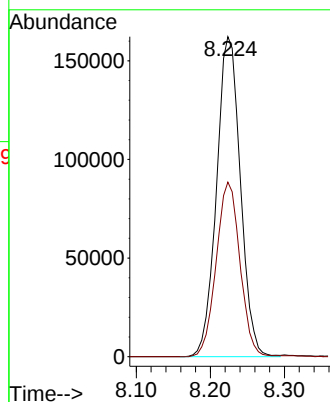
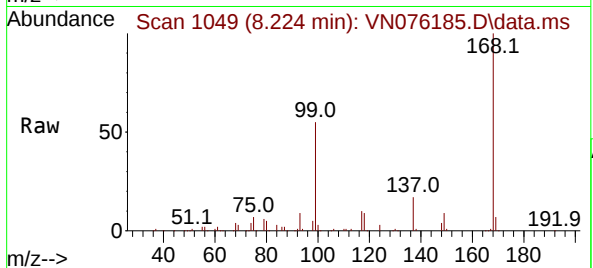




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VN076185.D
Acq: 10 Jan 2023 16:24

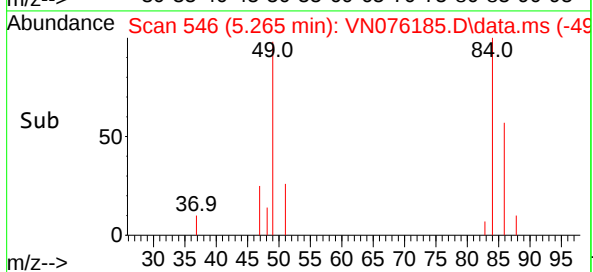
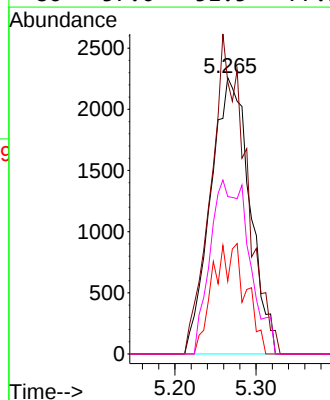
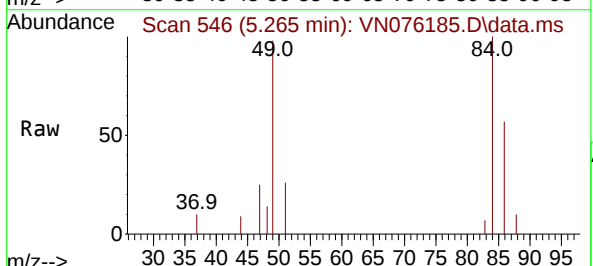
Instrument :
MSVOA_N
ClientSampleId :
1624

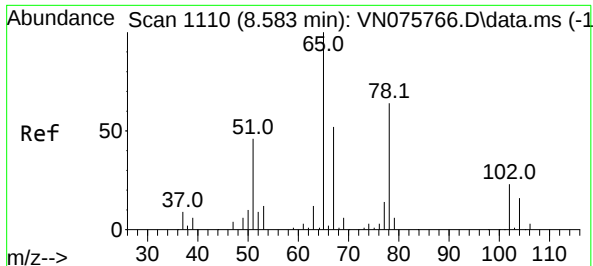
Tgt Ion:168 Resp: 362671
Ion Ratio Lower Upper
168 100
99 54.5 44.2 66.4



#20
Methylene Chloride
Concen: 1.458 ug/l
RT: 5.265 min Scan# 546
Delta R.T. -0.024 min
Lab File: VN076185.D
Acq: 10 Jan 2023 16:24

Tgt Ion: 84 Resp: 7565
Ion Ratio Lower Upper
84 100
49 98.5 81.8 122.6
51 26.3 26.7 40.1#
86 57.0 51.5 77.3





#33

1,2-Dichloroethane-d4

Concen: 47.149 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN076185.D

Acq: 10 Jan 2023 16:24

Instrument :

MSVOA_N

ClientSampleId :

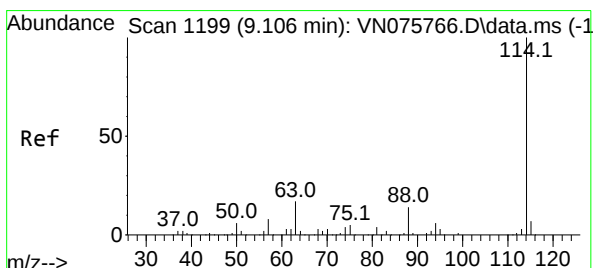
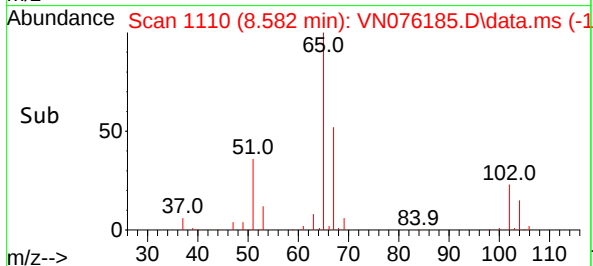
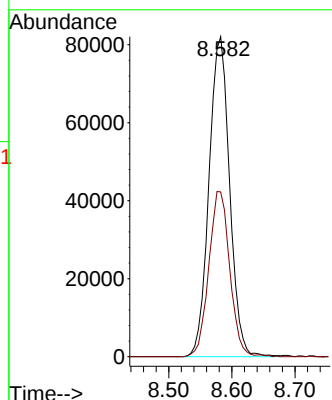
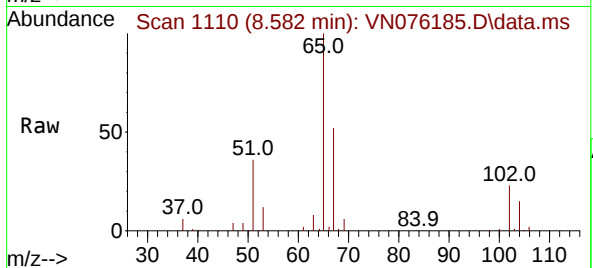
1624

Tgt Ion: 65 Resp: 186028

Ion Ratio Lower Upper

65 100

67 52.5 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1198

Delta R.T. -0.006 min

Lab File: VN076185.D

Acq: 10 Jan 2023 16:24

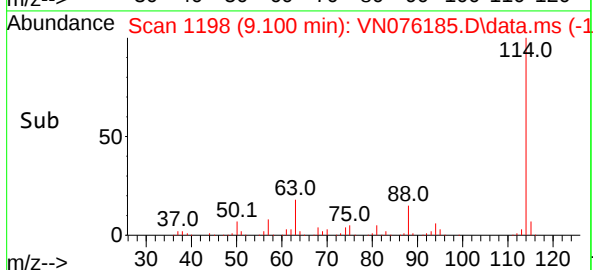
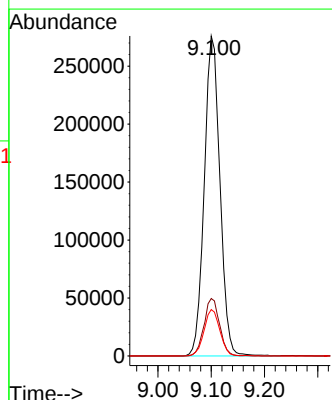
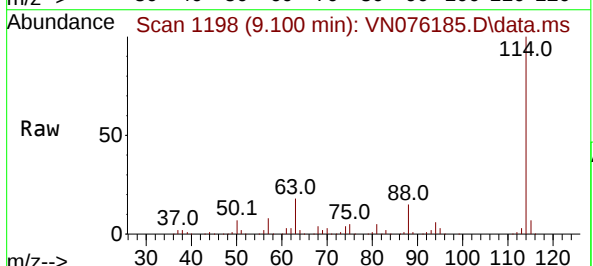
Tgt Ion: 114 Resp: 563314

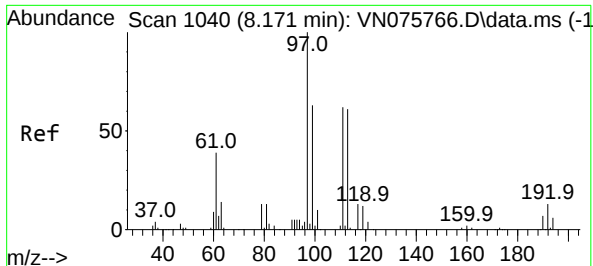
Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.4

88 14.5 0.0 28.8





#35

Dibromofluoromethane

Concen: 46.280 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076185.D

Acq: 10 Jan 2023 16:24

Instrument :

MSVOA_N

ClientSampleId :

1624

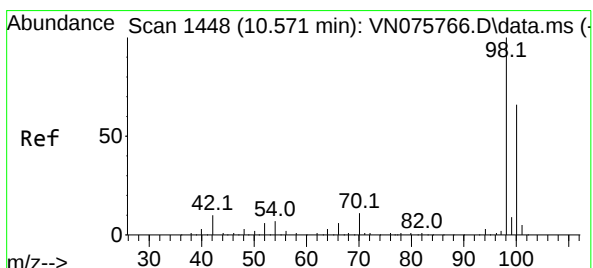
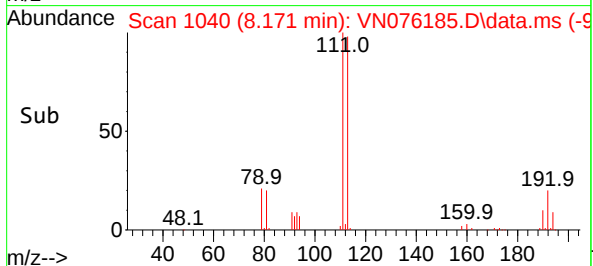
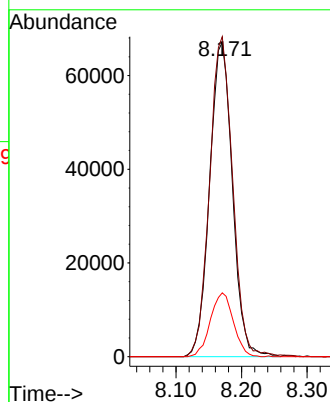
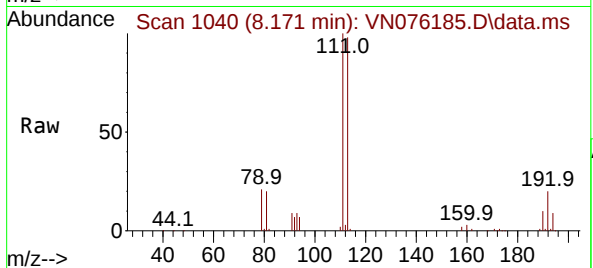
Tgt Ion:113 Resp: 161449

Ion Ratio Lower Upper

113 100

111 103.3 83.4 125.2

192 20.5 16.1 24.1



#50

Toluene-d8

Concen: 49.176 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN076185.D

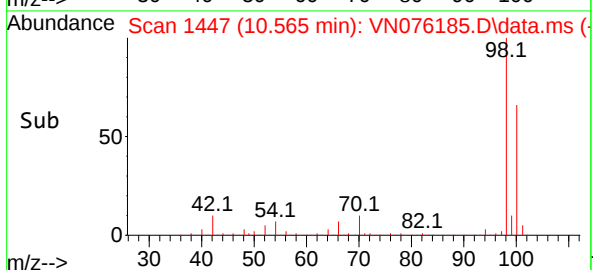
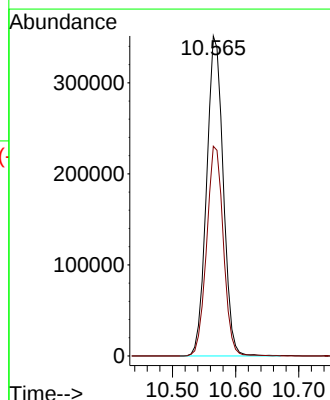
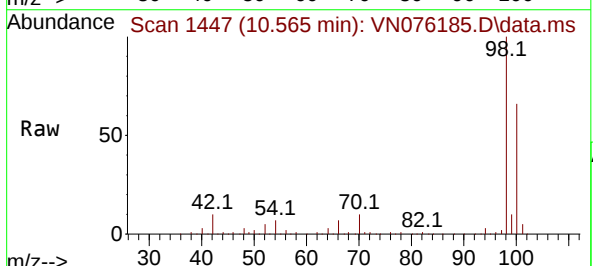
Acq: 10 Jan 2023 16:24

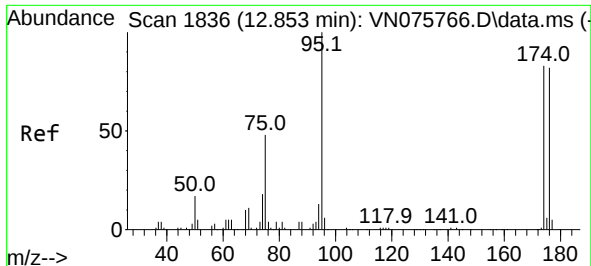
Tgt Ion: 98 Resp: 641406

Ion Ratio Lower Upper

98 100

100 65.9 52.1 78.1

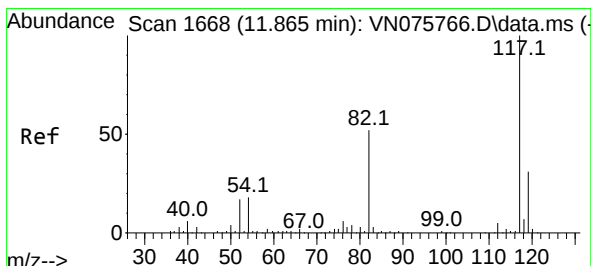
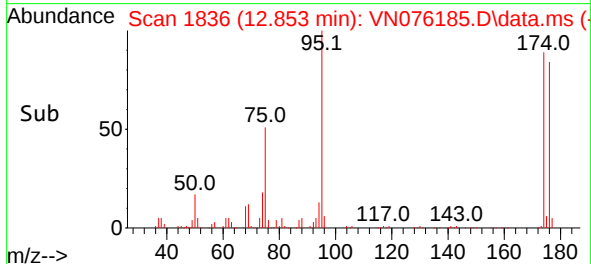
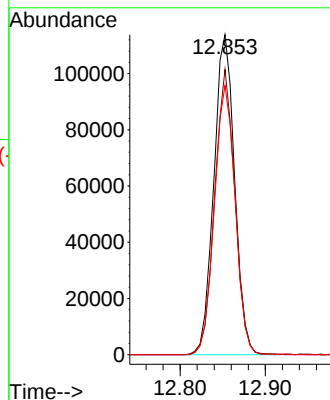
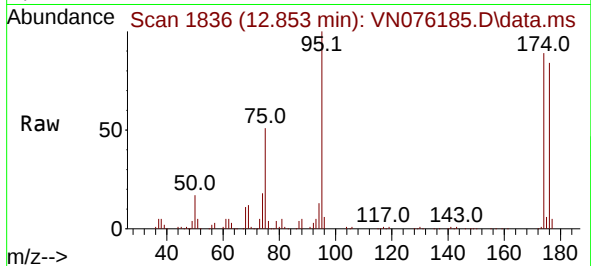




#62
4-Bromofluorobenzene
Concen: 44.547 ug/l
RT: 12.853 min Scan# 1624
Delta R.T. -0.000 min
Lab File: VN076185.D
Acq: 10 Jan 2023 16:24

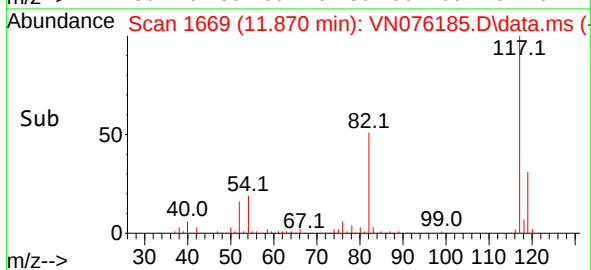
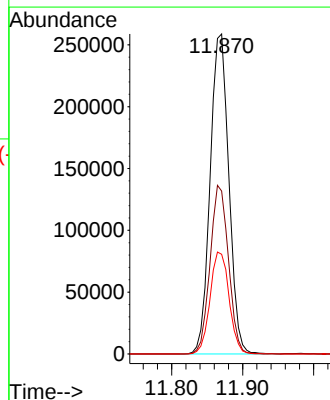
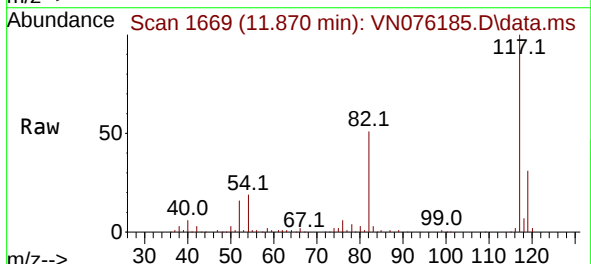
Instrument :
MSVOA_N
ClientSampleId :
1624

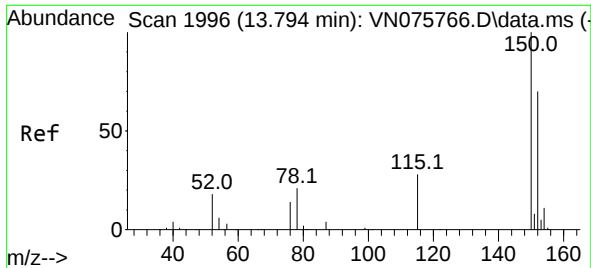
Tgt Ion: 95 Resp: 192446
Ion Ratio Lower Upper
95 100
174 86.8 0.0 171.6
176 84.1 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076185.D
Acq: 10 Jan 2023 16:24

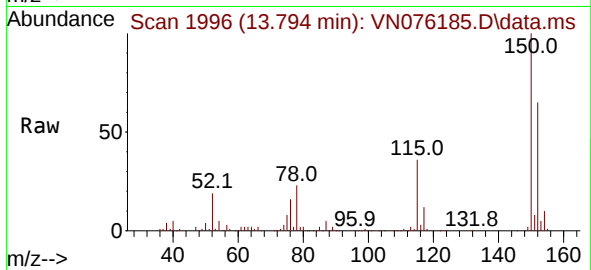
Tgt Ion: 117 Resp: 472731
Ion Ratio Lower Upper
117 100
82 50.9 41.3 61.9
119 31.1 24.6 37.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN076185.D
 Acq: 10 Jan 2023 16:24

Instrument :
 MSVOA_N
 ClientSampleId :
 1624



Tgt Ion:152 Resp: 203458
 Ion Ratio Lower Upper
 152 100
 115 57.1 29.1 87.4
 150 156.8 0.0 347.0

