

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110422\
 Data File : VD074748.D
 Acq On : 04 Nov 2022 19:56
 Operator : VA/SY
 Sample : N5460-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SH-1

Quant Time: Nov 07 00:30:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

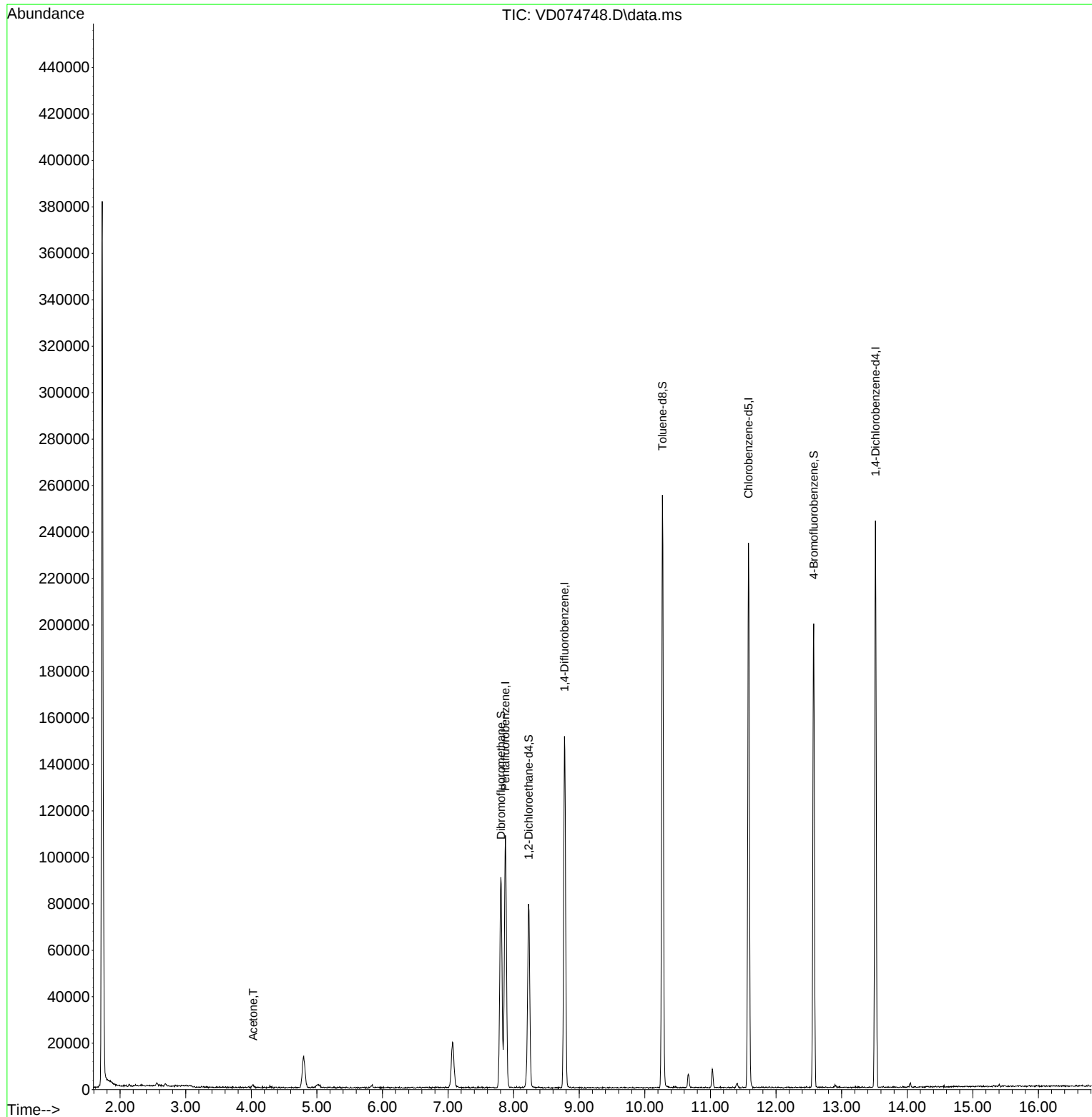
Internal Standards						
1) Pentafluorobenzene	7.875	168	90058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	146208	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	148609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	70709	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	60478	84.789	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 169.580%#	
35) Dibromofluoromethane	7.810	113	67972	78.591	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 157.180%#	
50) Toluene-d8	10.269	98	186288	59.049	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 118.100%	
62) 4-Bromofluorobenzene	12.575	95	59787	65.635	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 131.280%	
Target Compounds						Qvalue
16) Acetone	4.028	43	1860	12.496	ug/l	95

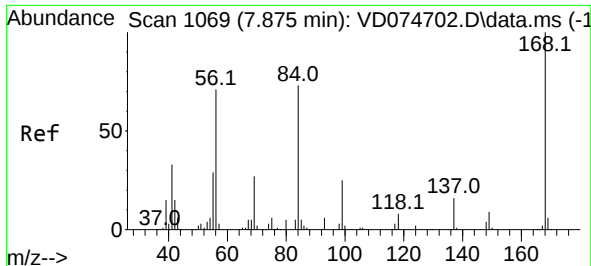
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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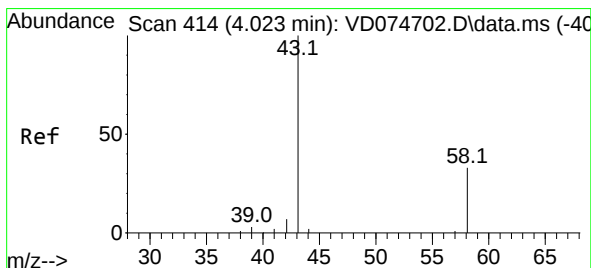
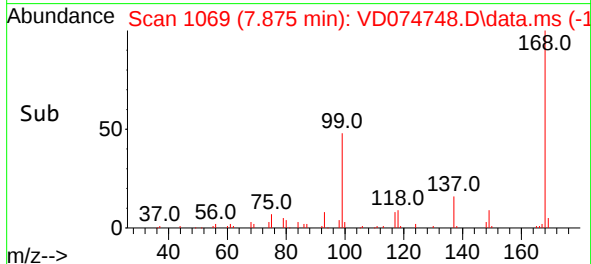
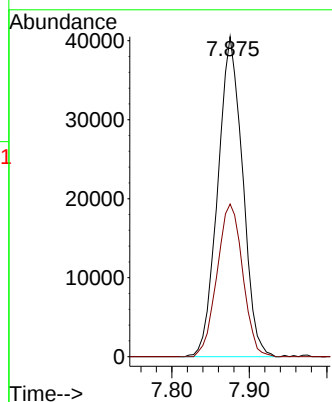
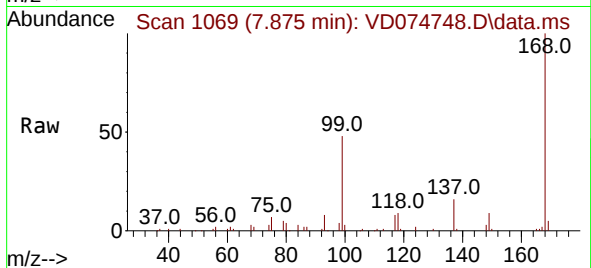




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074748.D
Acq: 04 Nov 2022 19:56

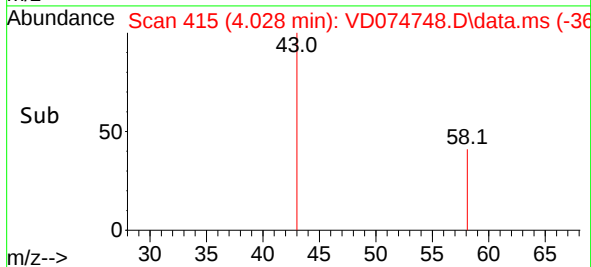
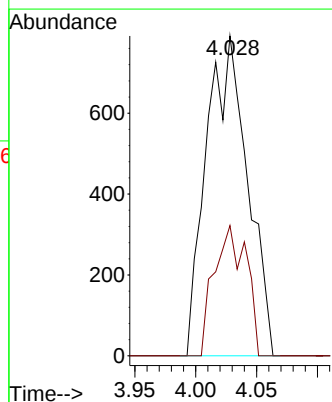
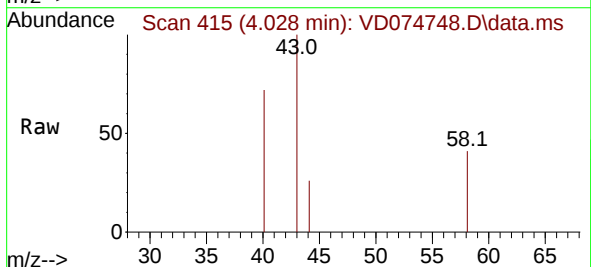
Instrument :
MSVOA_D
ClientSampleId :
SH-1

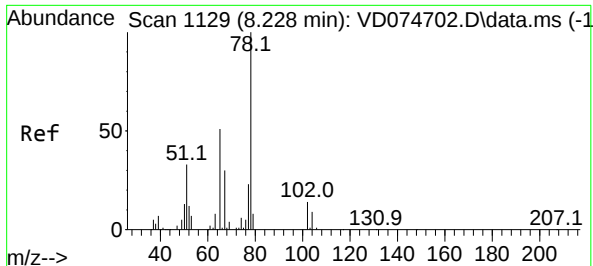
Tgt Ion:168 Resp: 90058
Ion Ratio Lower Upper
168 100
99 47.7 40.9 61.3



#16
Acetone
Concen: 12.496 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.005 min
Lab File: VD074748.D
Acq: 04 Nov 2022 19:56

Tgt Ion: 43 Resp: 1860
Ion Ratio Lower Upper
43 100
58 40.7 30.2 45.2





#33

1,2-Dichloroethane-d4

Concen: 84.789 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD074748.D

Acq: 04 Nov 2022 19:56

Instrument :

MSVOA_D

ClientSampleId :

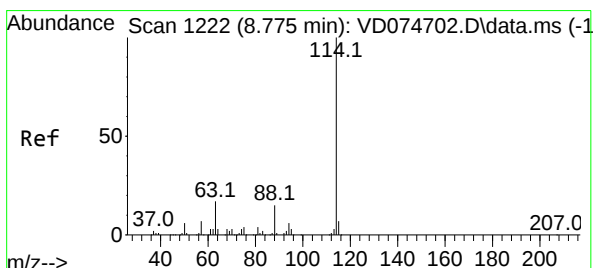
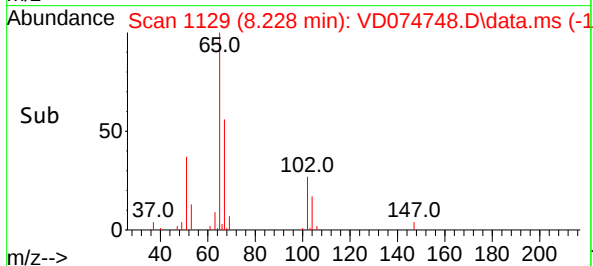
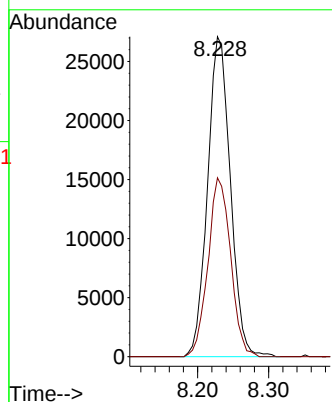
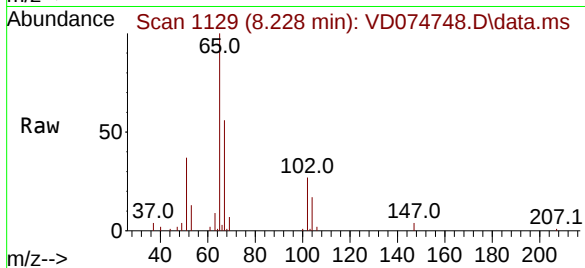
SH-1

Tgt Ion: 65 Resp: 60478

Ion Ratio Lower Upper

65 100

67 55.5 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD074748.D

Acq: 04 Nov 2022 19:56

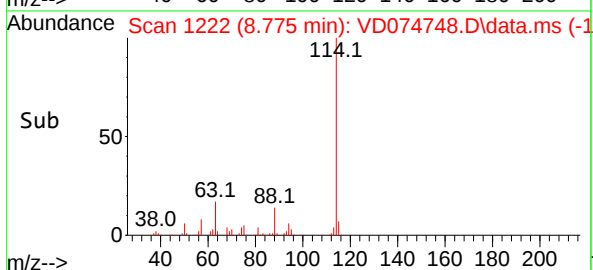
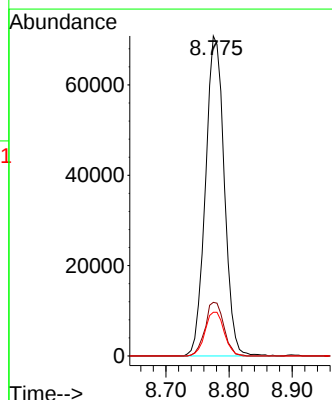
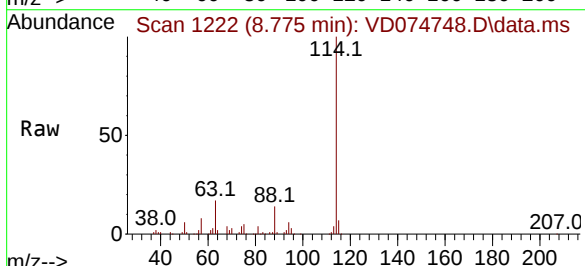
Tgt Ion: 114 Resp: 146208

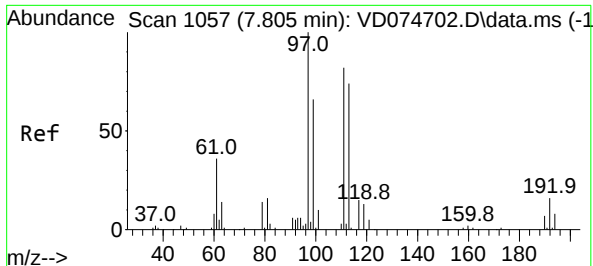
Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.2

88 13.6 0.0 28.2





#35

Dibromofluoromethane

Concen: 78.591 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074748.D

Acq: 04 Nov 2022 19:56

Instrument :

MSVOA_D

ClientSampleId :

SH-1

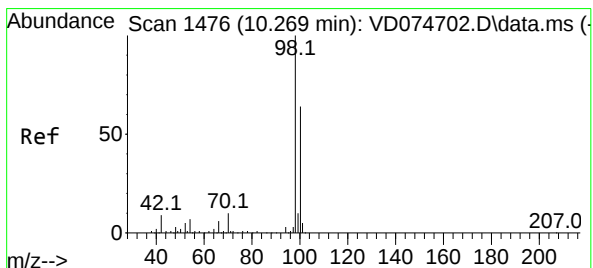
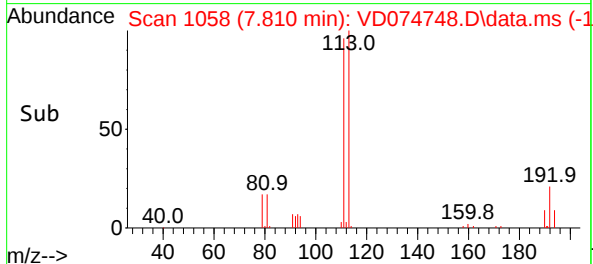
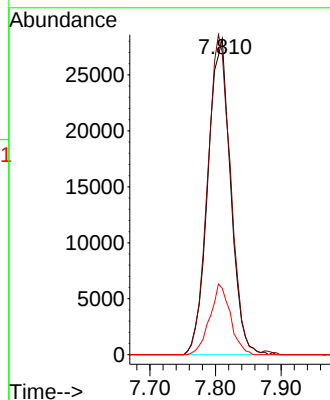
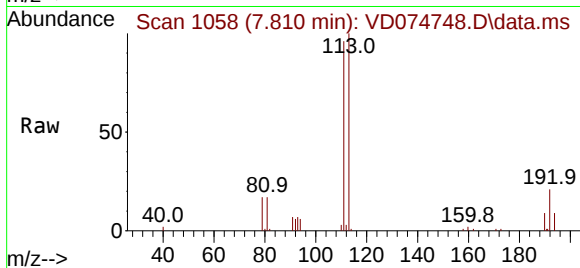
Tgt Ion:113 Resp: 67972

Ion Ratio Lower Upper

113 100

111 102.2 82.3 123.5

192 20.2 16.4 24.6



#50

Toluene-d8

Concen: 59.049 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074748.D

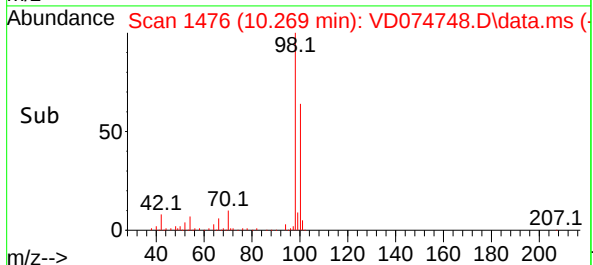
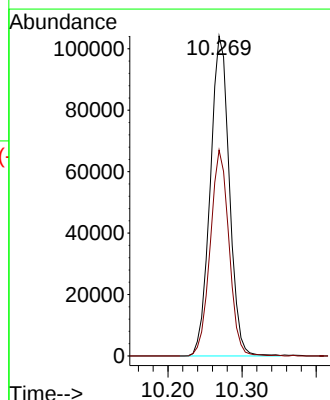
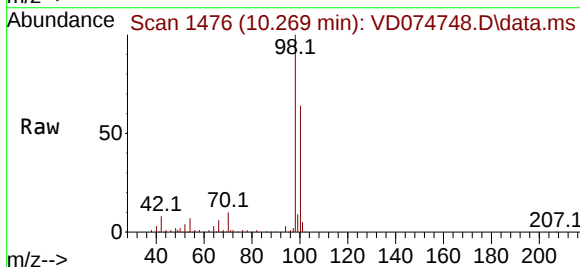
Acq: 04 Nov 2022 19:56

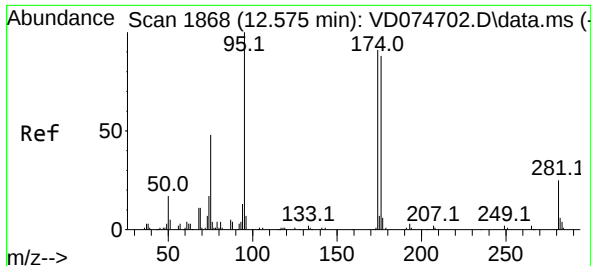
Tgt Ion: 98 Resp: 186288

Ion Ratio Lower Upper

98 100

100 63.1 51.4 77.0

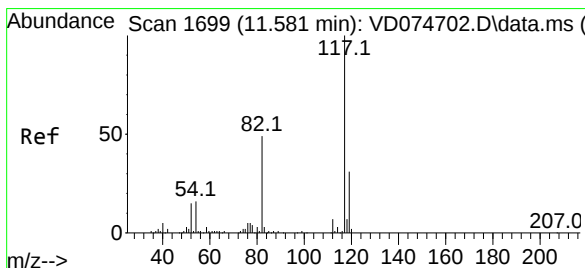
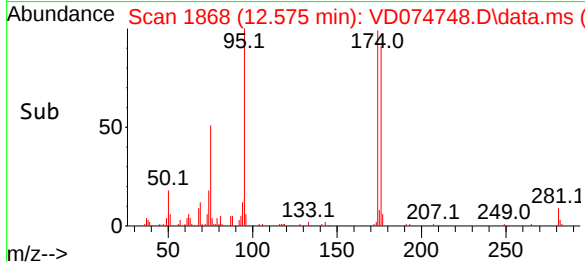
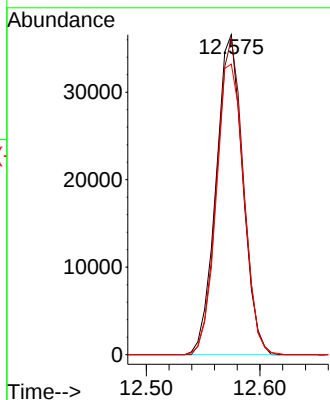
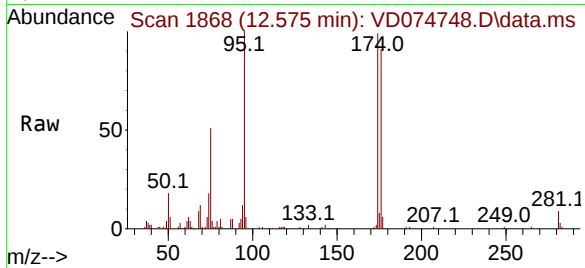




#62
4-Bromofluorobenzene
Concen: 65.635 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074748.D
Acq: 04 Nov 2022 19:56

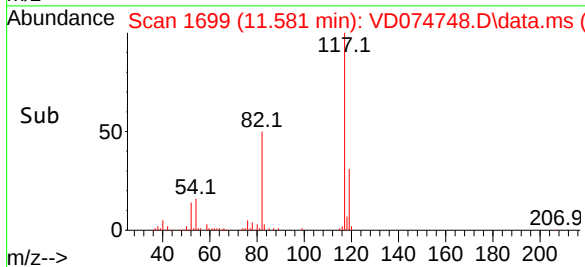
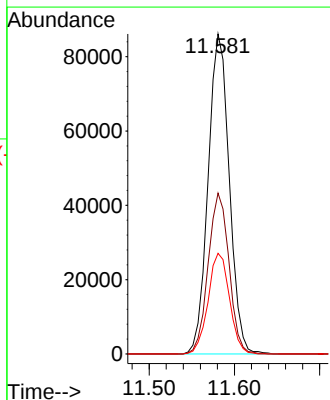
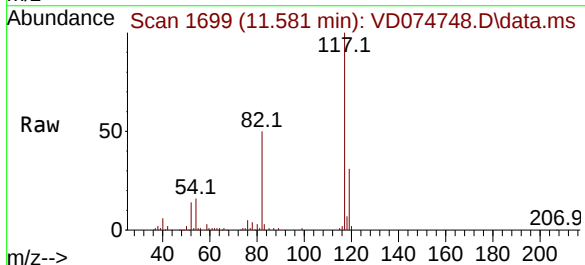
Instrument :
MSVOA_D
ClientSampleId :
SH-1

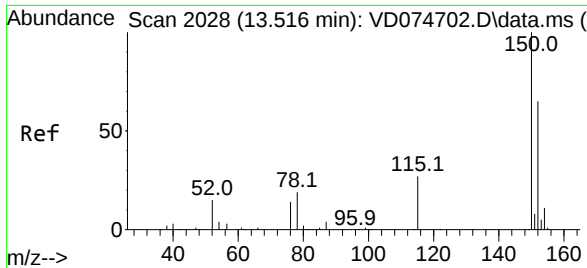
Tgt Ion: 95 Resp: 59787
Ion Ratio Lower Upper
95 100
174 98.2 0.0 197.0
176 94.1 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074748.D
Acq: 04 Nov 2022 19:56

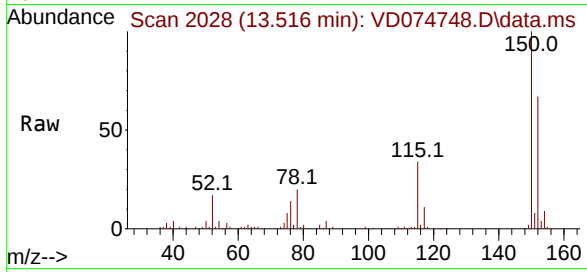
Tgt Ion: 117 Resp: 148609
Ion Ratio Lower Upper
117 100
82 50.2 41.6 62.4
119 31.5 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD074748.D
 Acq: 04 Nov 2022 19:56

Instrument :
 MSVOA_D
 ClientSampleId :
 SH-1



Tgt Ion:152 Resp: 70709
 Ion Ratio Lower Upper
 152 100
 115 54.1 26.8 80.4
 150 156.9 0.0 348.2

