

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092722\
 Data File : VD074442.D
 Acq On : 27 Sep 2022 13:48
 Operator : VA/SY
 Sample : N4826-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-03-092622

Quant Time: Sep 28 04:40:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092622S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 03:19:14 2022
 Response via : Initial Calibration

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

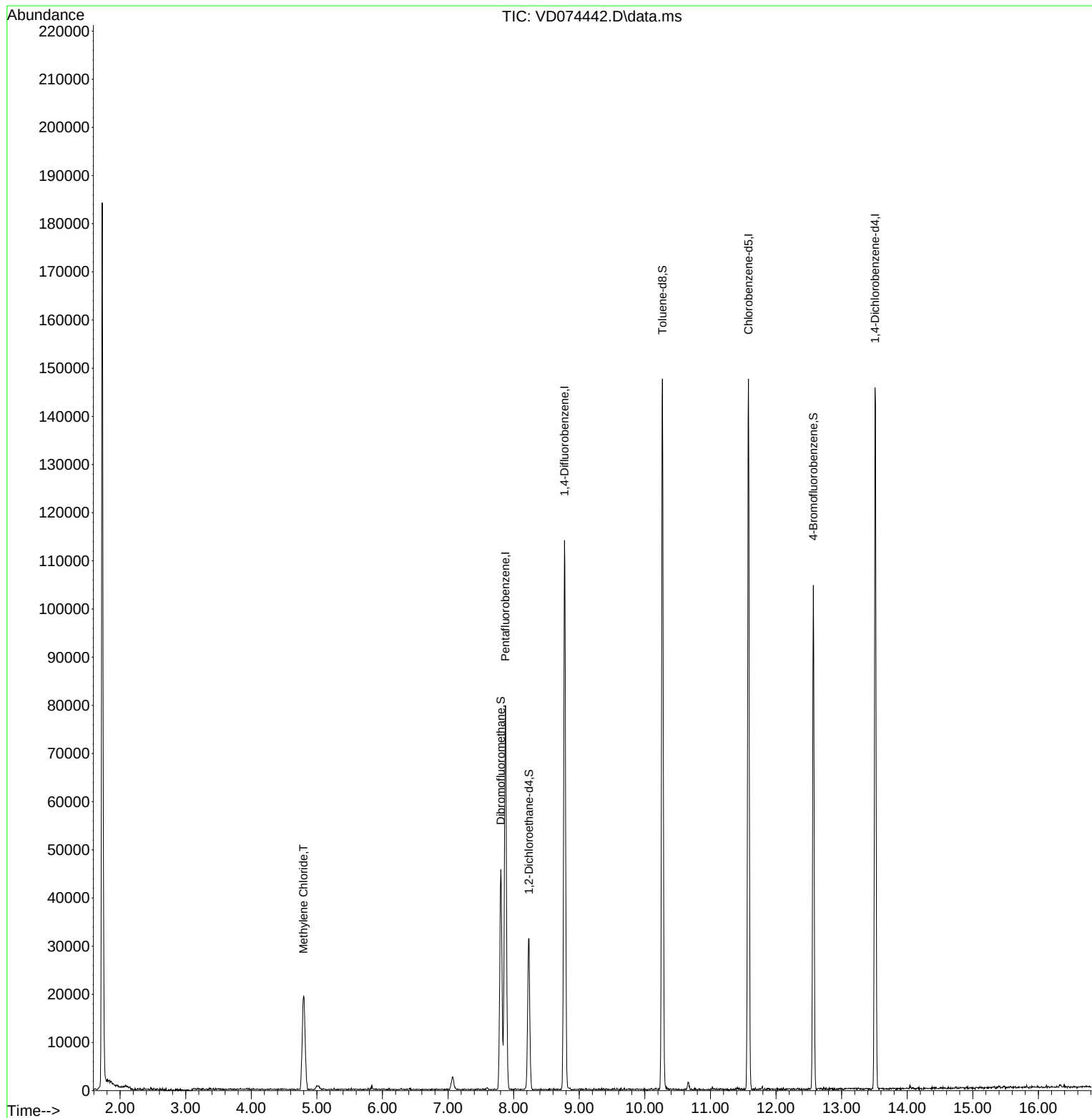
Internal Standards						
1) Pentafluorobenzene	7.875	168	65936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	110410	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	93734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	44136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	25114	44.240	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.480%
35) Dibromofluoromethane	7.804	113	32926	43.890	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.780%
50) Toluene-d8	10.269	98	109199	43.491	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.980%
62) 4-Bromofluorobenzene	12.569	95	31193	33.636	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	67.280%
Target Compounds						Qvalue
20) Methylene Chloride	4.793	84	17240	15.808	ug/l	94

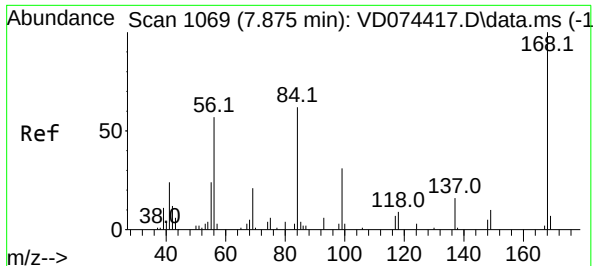
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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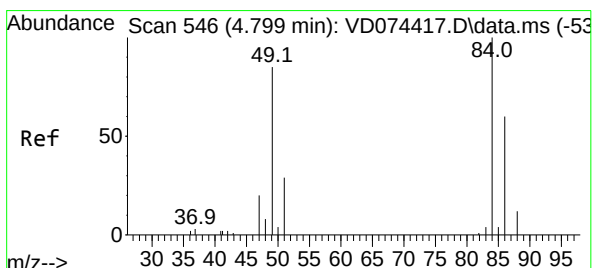
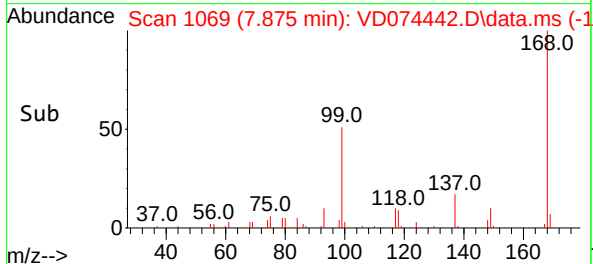
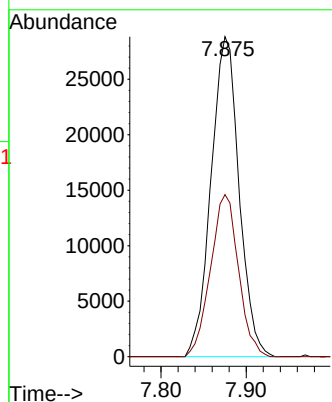
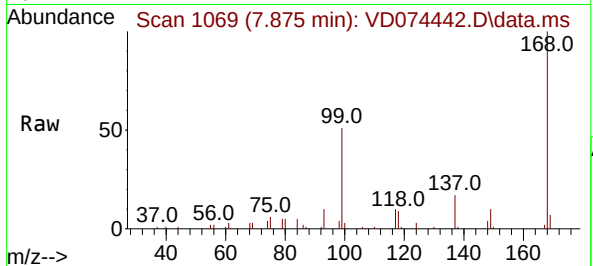




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074442.D
Acq: 27 Sep 2022 13:48

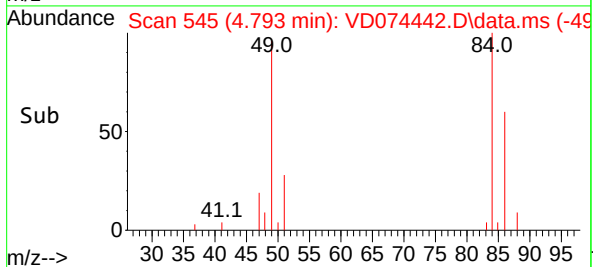
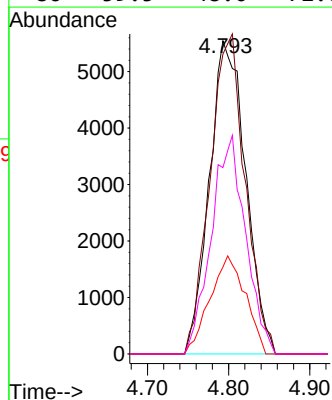
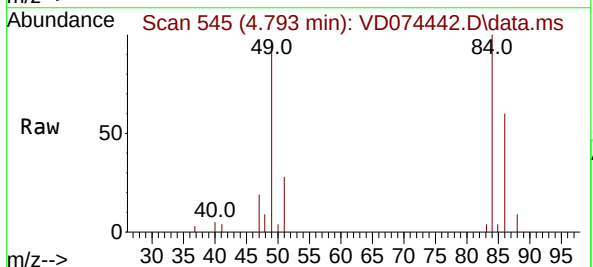
Instrument :
MSVOA_D
ClientSampleId :
OK-03-092622

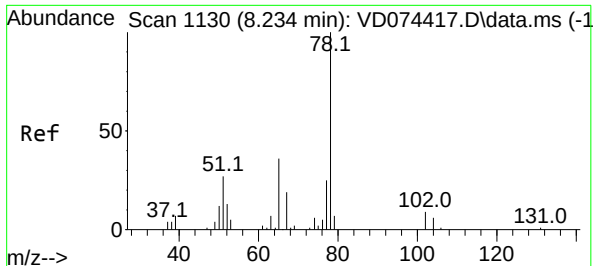
Tgt Ion:168 Resp: 65936
Ion Ratio Lower Upper
168 100
99 50.6 40.9 61.3



#20
Methylene Chloride
Concen: 15.808 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD074442.D
Acq: 27 Sep 2022 13:48

Tgt Ion: 84 Resp: 17240
Ion Ratio Lower Upper
84 100
49 95.8 68.0 102.0
51 27.7 23.2 34.8
86 59.5 48.0 72.0





#33

1,2-Dichloroethane-d4

Concen: 44.240 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD074442.D

Acq: 27 Sep 2022 13:48

Instrument :

MSVOA_D

ClientSampleId :

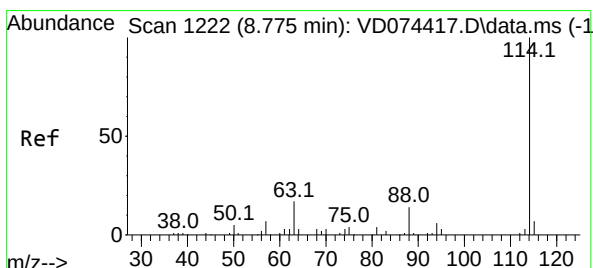
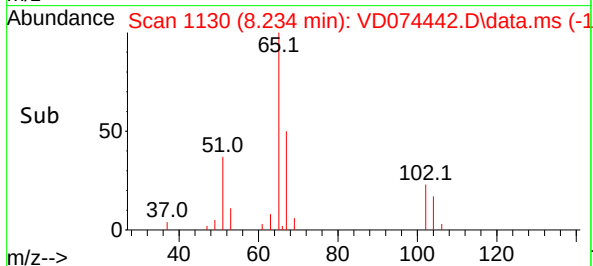
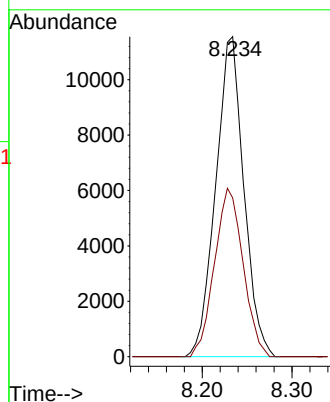
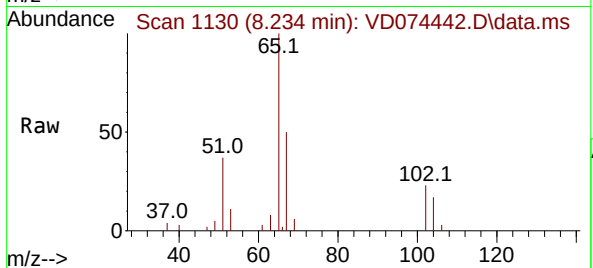
OK-03-092622

Tgt Ion: 65 Resp: 25114

Ion Ratio Lower Upper

65 100

67 53.5 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: VD074442.D

Acq: 27 Sep 2022 13:48

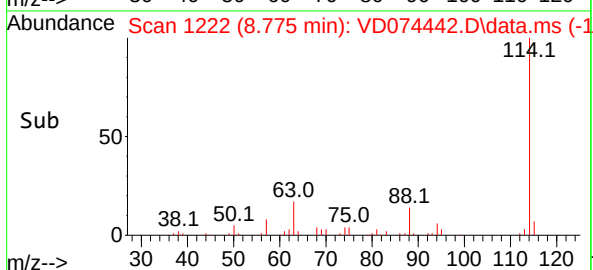
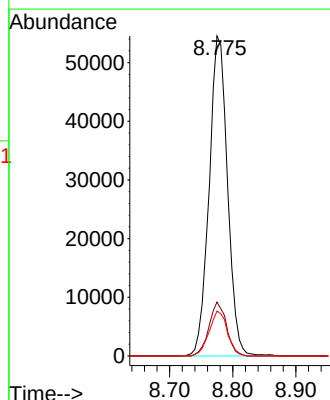
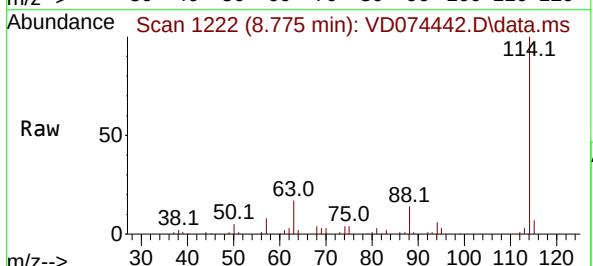
Tgt Ion: 114 Resp: 110410

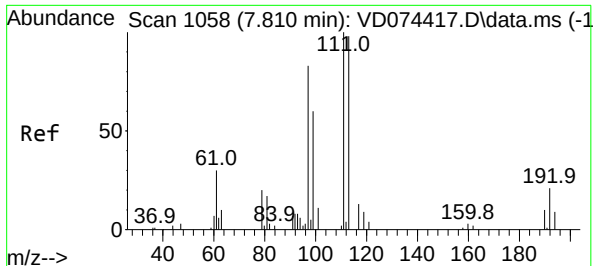
Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.2

88 14.0 0.0 28.2

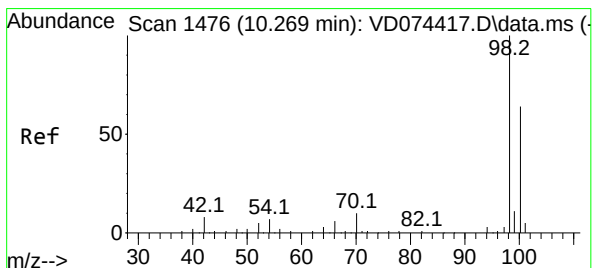
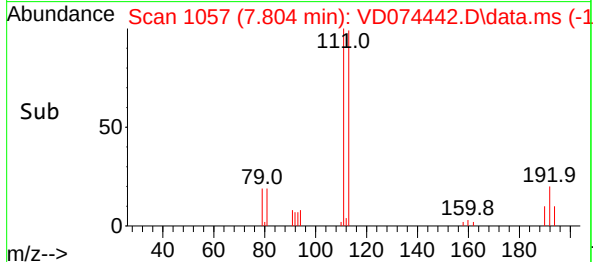
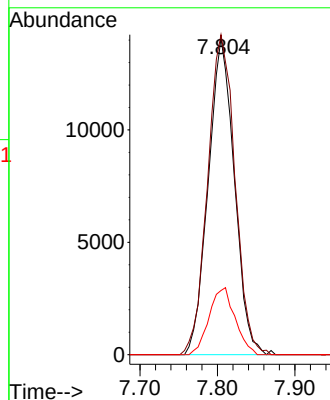
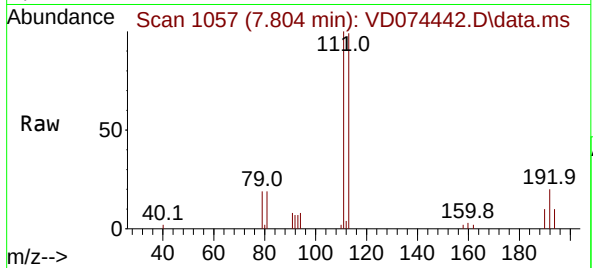




#35
 Dibromofluoromethane
 Concen: 43.890 ug/l
 RT: 7.804 min Scan# 1057
 Delta R.T. -0.006 min
 Lab File: VD074442.D
 Acq: 27 Sep 2022 13:48

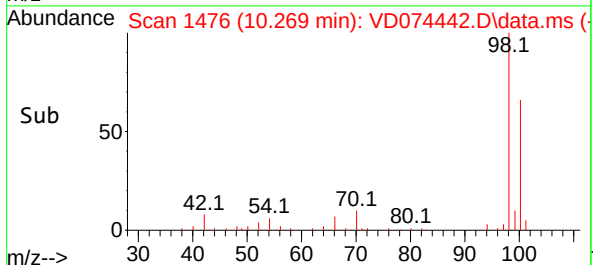
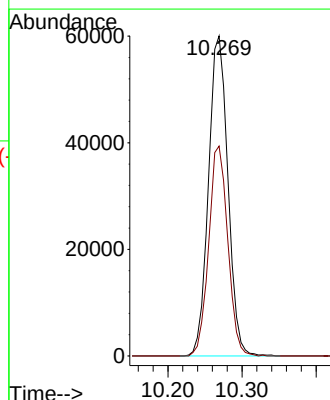
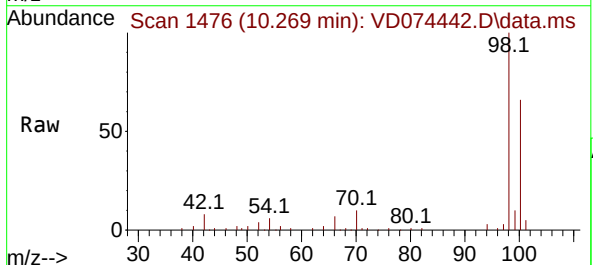
Instrument : MSVOA_D
 ClientSampleId : OK-03-092622

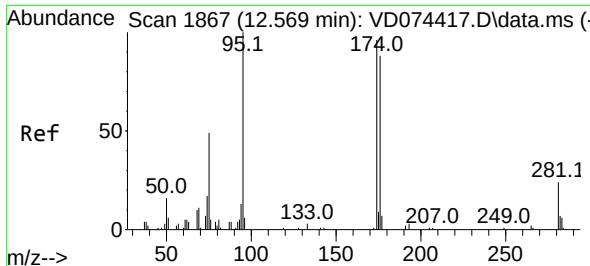
Tgt Ion:	113	Resp:	32926
Ion	Ratio	Lower	Upper
113	100		
111	105.8	82.3	123.5
192	21.1	16.4	24.6



#50
 Toluene-d8
 Concen: 43.491 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. 0.000 min
 Lab File: VD074442.D
 Acq: 27 Sep 2022 13:48

Tgt Ion:	98	Resp:	109199
Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.4	77.0

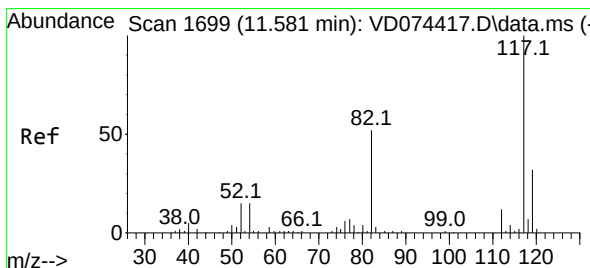
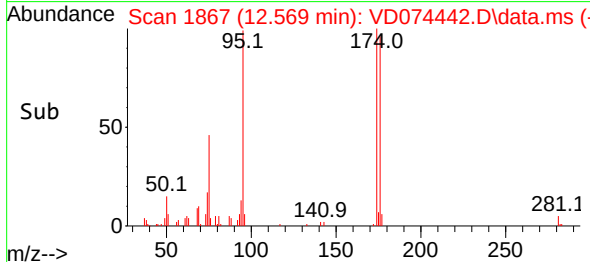
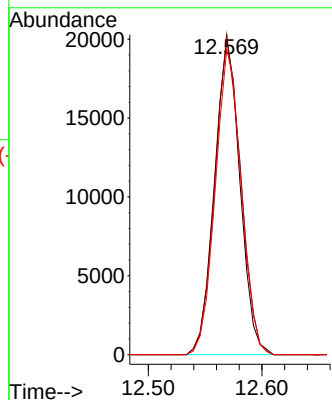
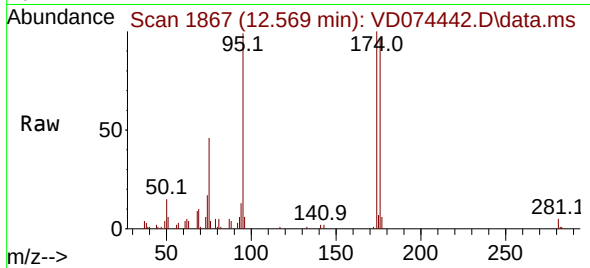




#62
4-Bromofluorobenzene
Concen: 33.636 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074442.D
Acq: 27 Sep 2022 13:48

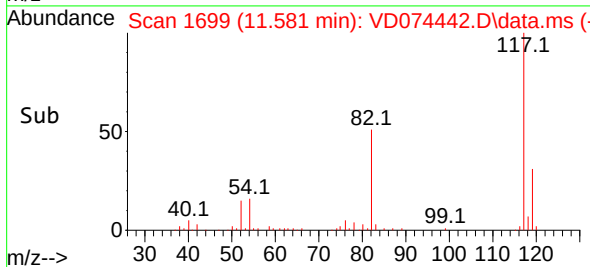
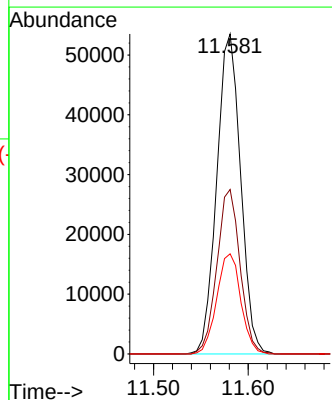
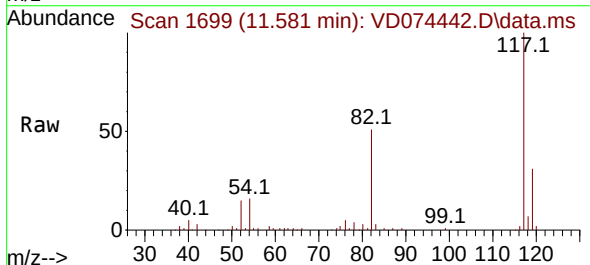
Instrument :
MSVOA_D
ClientSampleId :
OK-03-092622

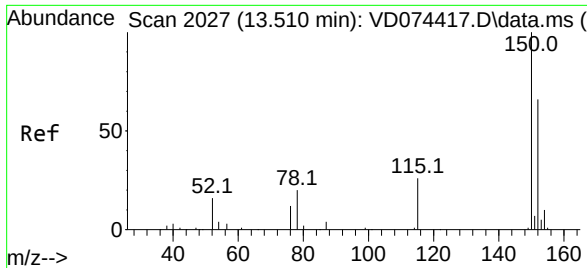
Tgt Ion: 95 Resp: 31193
Ion Ratio Lower Upper
95 100
174 102.1 0.0 197.0
176 98.6 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD074442.D
Acq: 27 Sep 2022 13:48

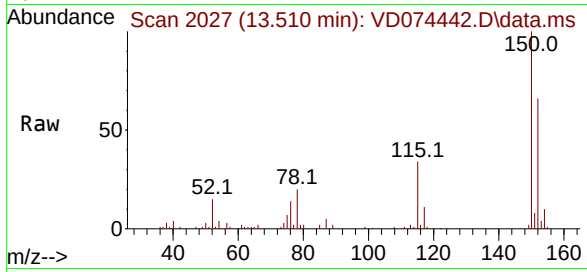
Tgt Ion: 117 Resp: 93734
Ion Ratio Lower Upper
117 100
82 51.4 41.6 62.4
119 31.3 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.510 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD074442.D
 Acq: 27 Sep 2022 13:48

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-03-092622



Tgt Ion:152 Resp: 44136
 Ion Ratio Lower Upper
 152 100
 115 51.1 26.8 80.4
 150 153.2 0.0 348.2

