

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD041823\  
 Data File : VD075725.D  
 Acq On : 18 Apr 2023 14:22  
 Operator : KP/SY  
 Sample : VIBLK  
 Misc : 5.01G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VIBLK

Quant Time: Apr 19 01:23:36 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D041323S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 13 14:16:29 2023  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
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Internal Standards					
1) Pentafluorobenzene	7.881	168	126737	50.000 ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	235488	50.000 ug/l	0.00
63) Chlorobenzene-d5	11.587	117	218165	50.000 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	91858	50.000 ug/l	0.00

System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.234	65	121800	101.249 ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 202.500%#
35) Dibromofluoromethane	7.804	113	150183	94.819 ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 189.640%#
50) Toluene-d8	10.269	98	558524	88.056 ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 176.120%#
62) 4-Bromofluorobenzene	12.575	95	144817	85.899 ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 171.800%#

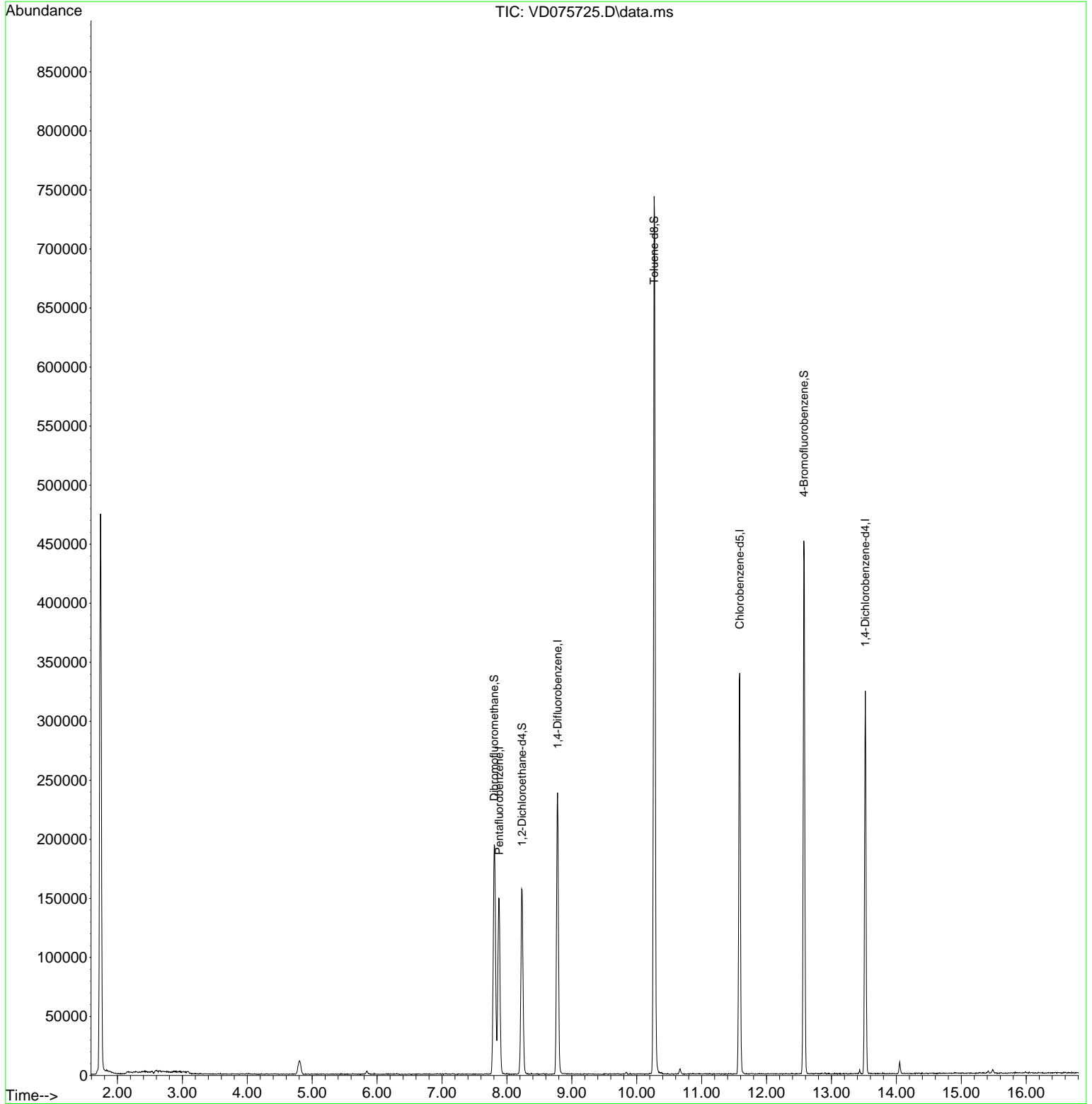
Target Compounds	Qvalue
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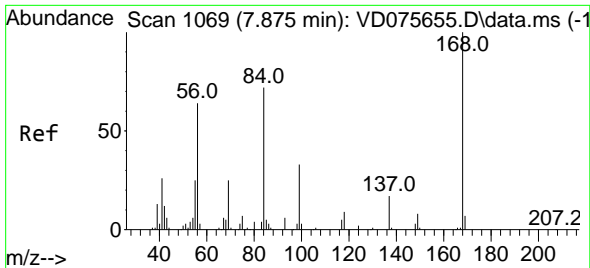
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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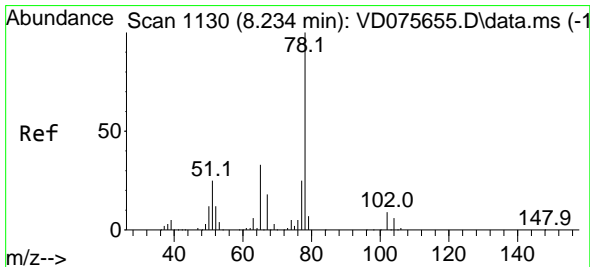
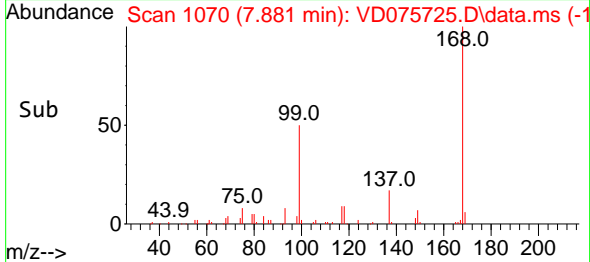
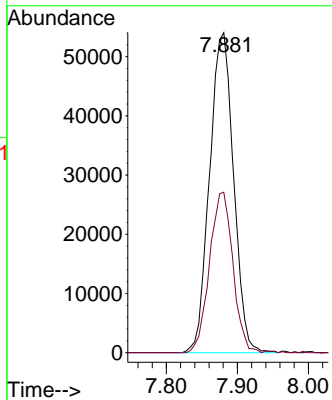
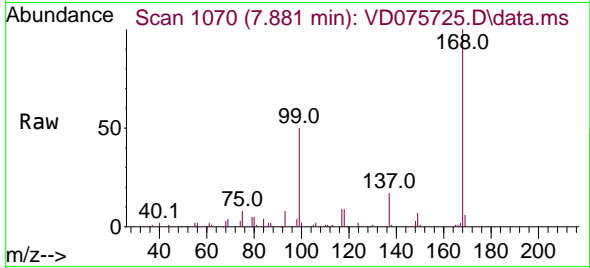




#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.881 min Scan# 1069  
 Delta R.T. 0.006 min  
 Lab File: VD075725.D  
 Acq: 18 Apr 2023 14:22

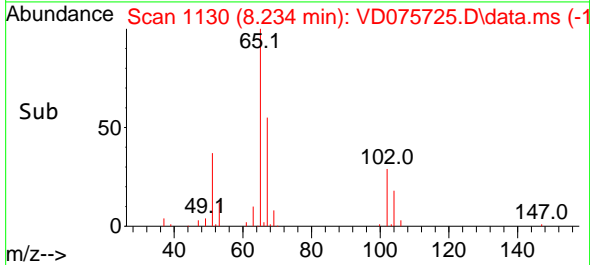
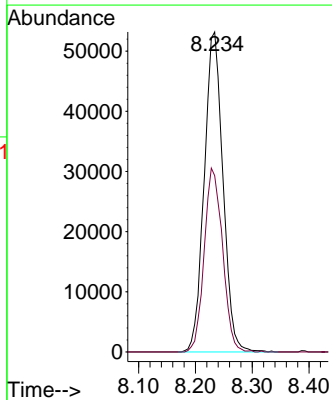
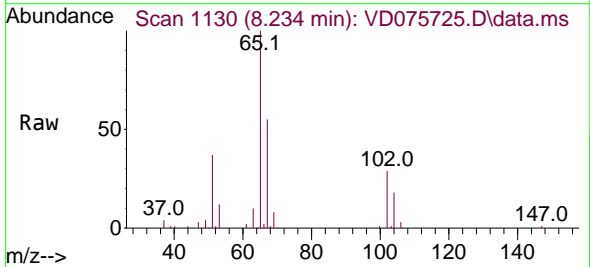
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VIBLK

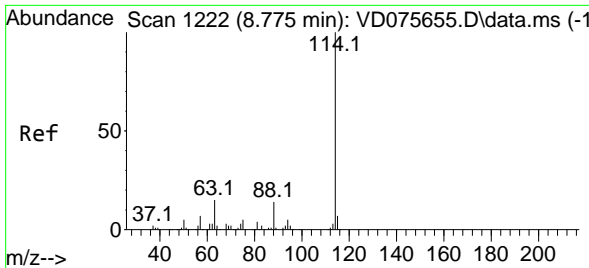
Tgt Ion:168 Resp: 126737  
 Ion Ratio Lower Upper  
 168 100  
 99 50.2 43.8 65.6



#33  
 1,2-Dichloroethane-d4  
 Concen: 101.249 ug/l  
 RT: 8.234 min Scan# 1130  
 Delta R.T. -0.000 min  
 Lab File: VD075725.D  
 Acq: 18 Apr 2023 14:22

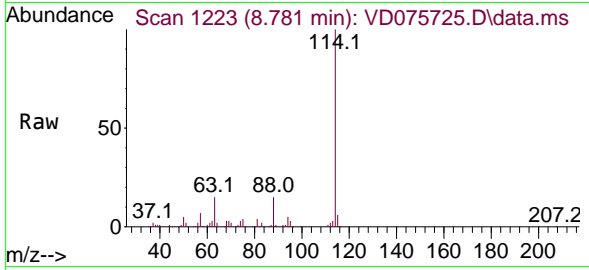
Tgt Ion: 65 Resp: 121800  
 Ion Ratio Lower Upper  
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 67 56.1 0.0 102.2



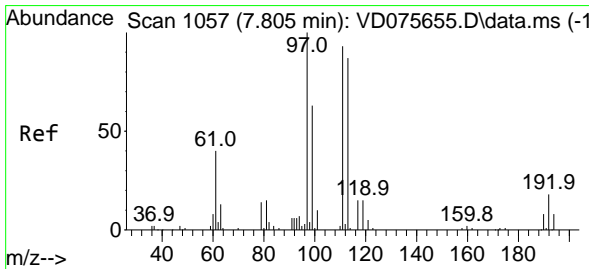
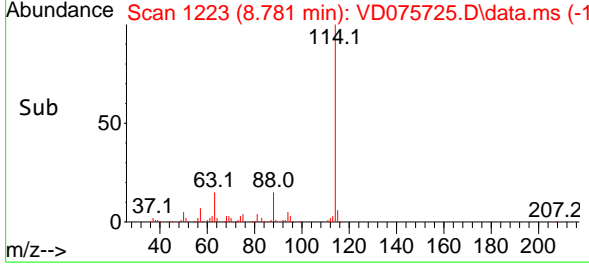
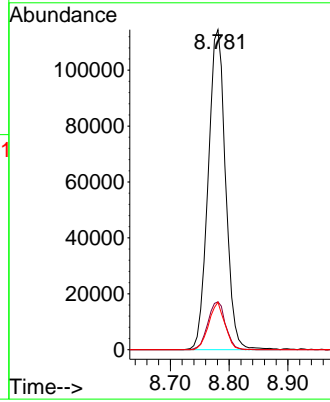


#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.781 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: VD075725.D  
 Acq: 18 Apr 2023 14:22

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VIBLK

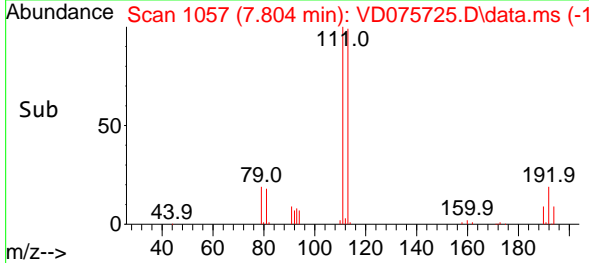
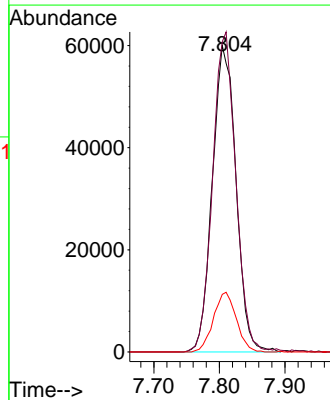
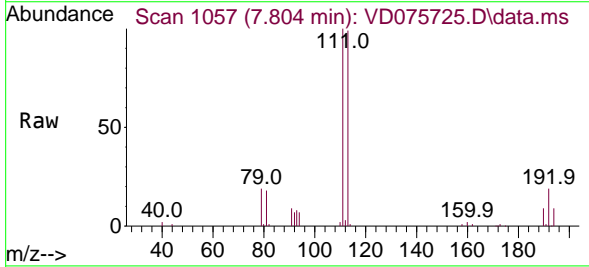


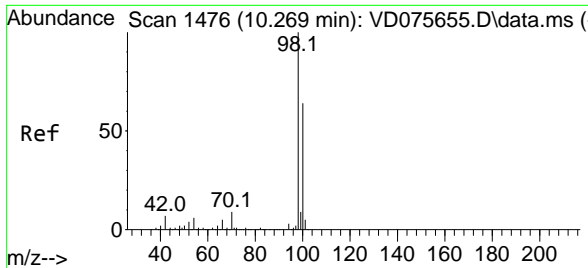
Tgt Ion:114 Resp: 235488  
 Ion Ratio Lower Upper  
 114 100  
 63 15.0 0.0 41.6  
 88 14.9 0.0 30.6



#35  
 Dibromofluoromethane  
 Concen: 94.819 ug/l  
 RT: 7.804 min Scan# 1057  
 Delta R.T. -0.001 min  
 Lab File: VD075725.D  
 Acq: 18 Apr 2023 14:22

Tgt Ion:113 Resp: 150183  
 Ion Ratio Lower Upper  
 113 100  
 111 102.4 81.4 122.0  
 192 18.9 15.2 22.8

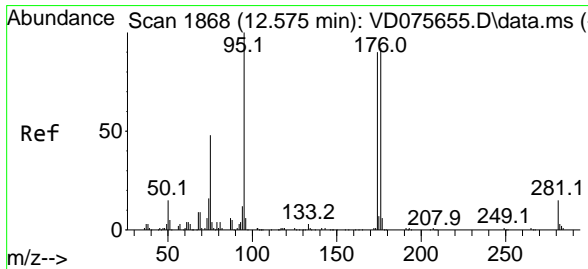
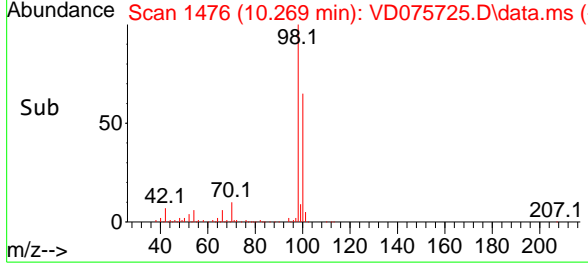
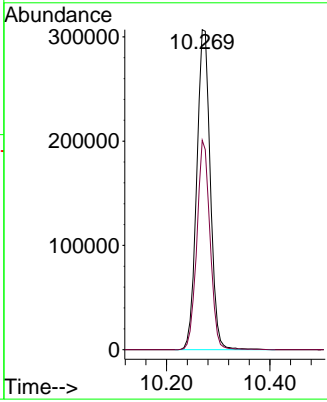
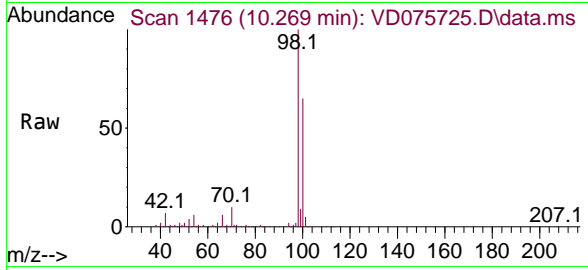




#50  
 Toluene-d8  
 Concen: 88.056 ug/l  
 RT: 10.269 min Scan# 1476  
 Delta R.T. 0.000 min  
 Lab File: VD075725.D  
 Acq: 18 Apr 2023 14:22

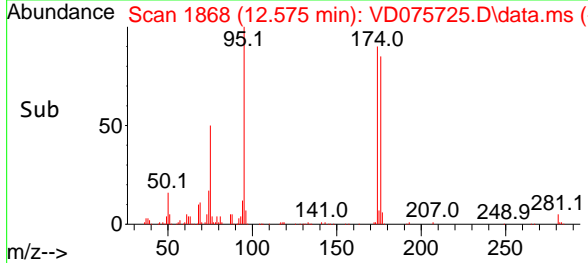
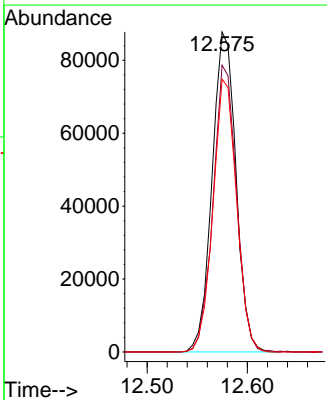
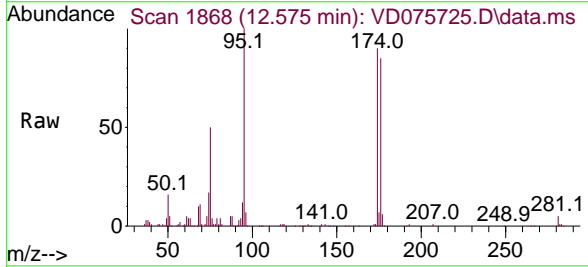
Instrument : MSVOA\_D  
 ClientSampleId : VIBLK

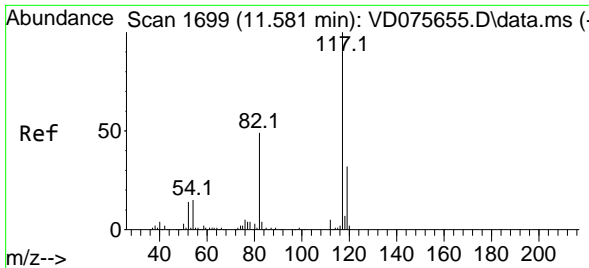
Tgt Ion: 98 Resp: 558524  
 Ion Ratio Lower Upper  
 98 100  
 100 63.5 52.1 78.1



#62  
 4-Bromofluorobenzene  
 Concen: 85.899 ug/l  
 RT: 12.575 min Scan# 1868  
 Delta R.T. -0.000 min  
 Lab File: VD075725.D  
 Acq: 18 Apr 2023 14:22

Tgt Ion: 95 Resp: 144817  
 Ion Ratio Lower Upper  
 95 100  
 174 88.0 0.0 164.0  
 176 84.4 0.0 156.8



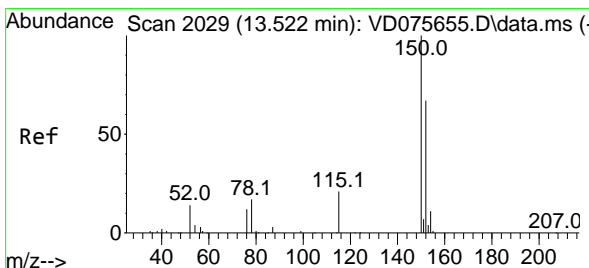
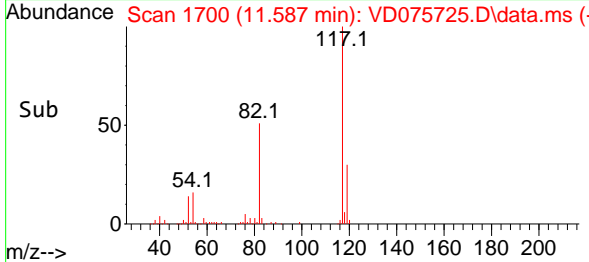
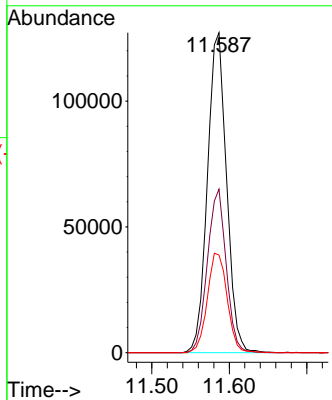
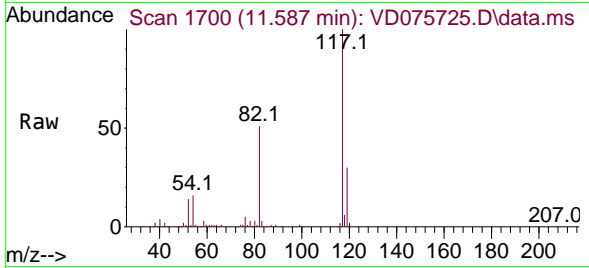


#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.587 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: VD075725.D  
 Acq: 18 Apr 2023 14:22

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VIBLK

Tgt Ion:117 Resp: 218165

Ion	Ratio	Lower	Upper
117	100		
82	51.1	44.0	66.0
119	30.5	25.1	37.7



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.522 min Scan# 2029  
 Delta R.T. -0.000 min  
 Lab File: VD075725.D  
 Acq: 18 Apr 2023 14:22

Tgt Ion:152 Resp: 91858

Ion	Ratio	Lower	Upper
152	100		
115	53.7	30.1	90.3
150	159.3	0.0	364.8

