

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD021023\  
 Data File : VD075314.D  
 Acq On : 10 Feb 2023 16:58  
 Operator : KP/SY  
 Sample : 01528-01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 EO-03-021023

Quant Time: Feb 10 23:41:29 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D020723S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 08 04:26:58 2023  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.875	168	10546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	17534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	19962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	9730	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	8129	65.736	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.480%
35) Dibromofluoromethane	7.811	113	6092	49.549	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.100%
50) Toluene-d8	10.269	98	22679	48.640	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.280%
62) 4-Bromofluorobenzene	12.575	95	8172	53.153	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.300%

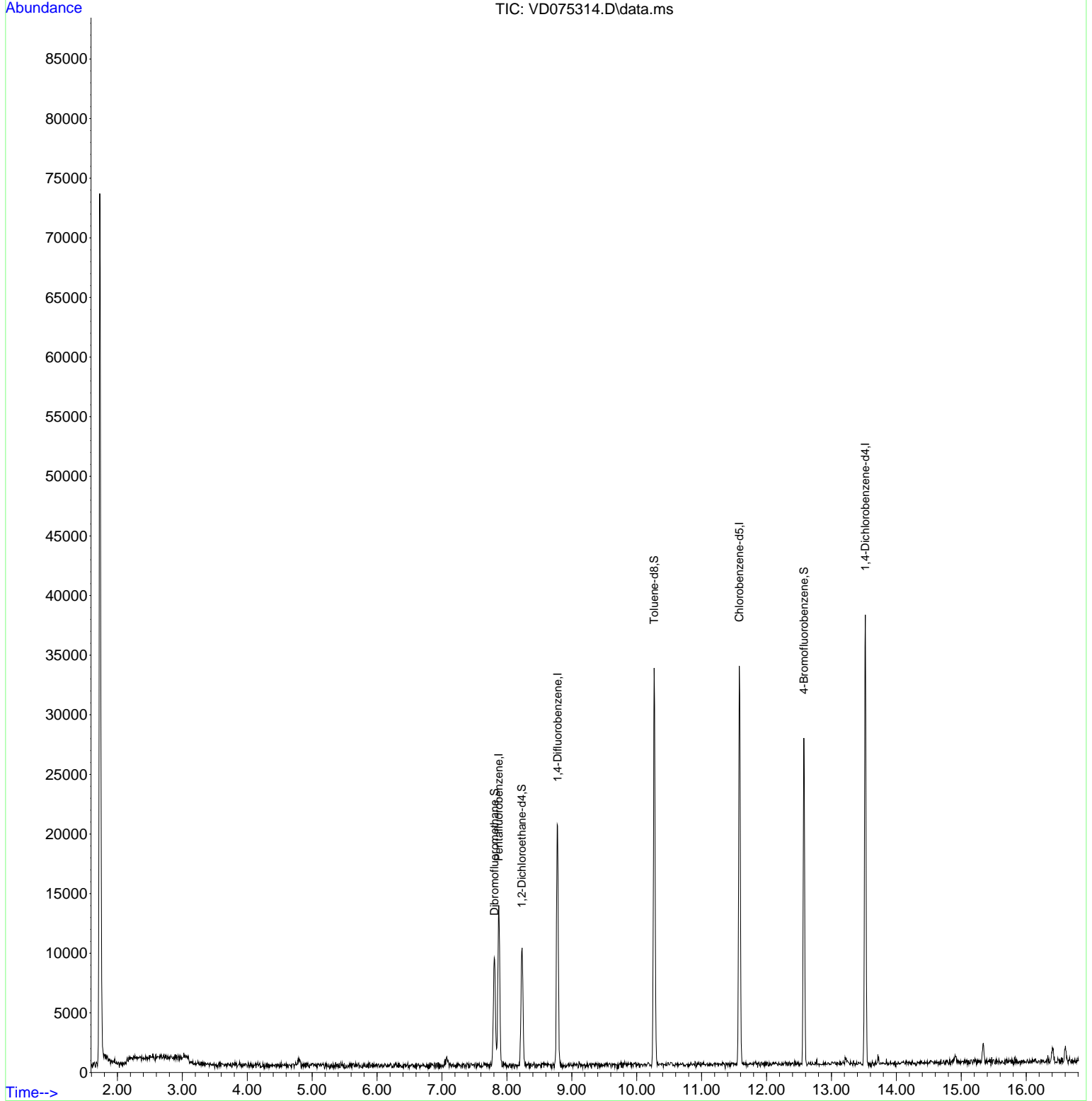
Target Compounds Qvalue

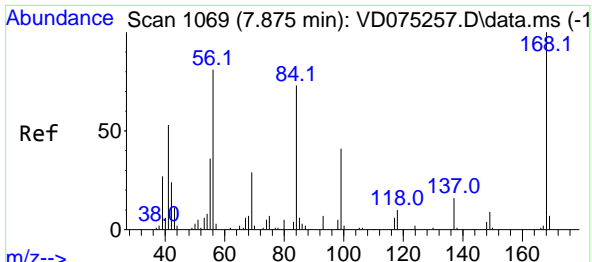
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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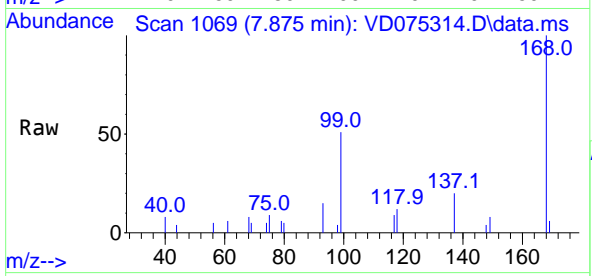
Quant Time: Feb 10 23:41:29 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D020723S.M  
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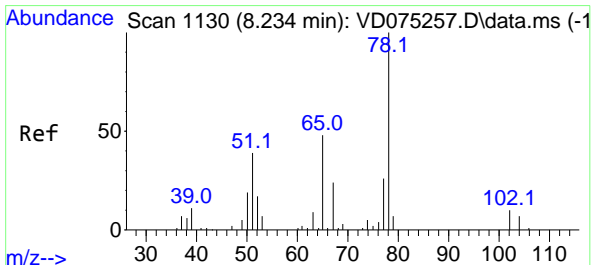
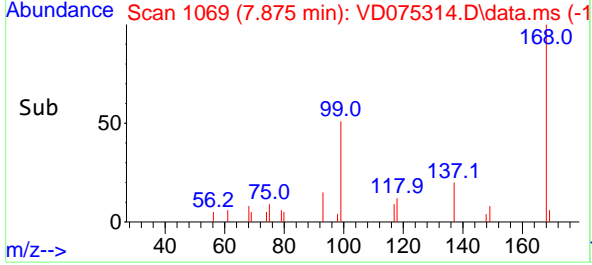
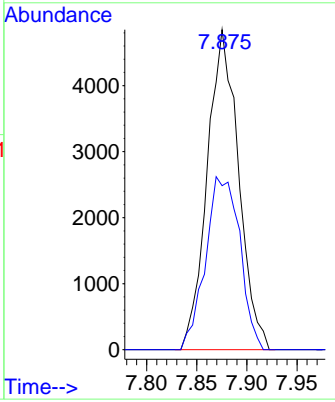


#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.875 min Scan# 1069  
 Delta R.T. 0.000 min  
 Lab File: VD075314.D  
 Acq: 10 Feb 2023 16:58

Instrument : MSVOA\_D  
 ClientSampleId : EO-03-021023

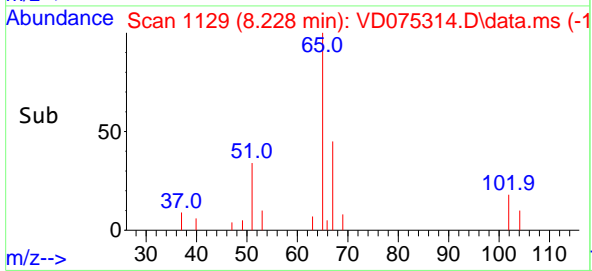
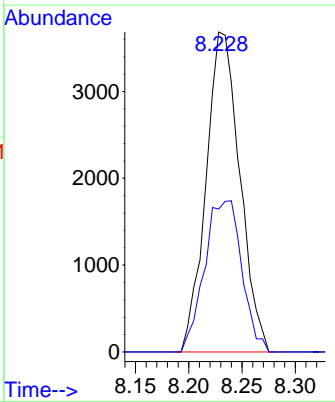
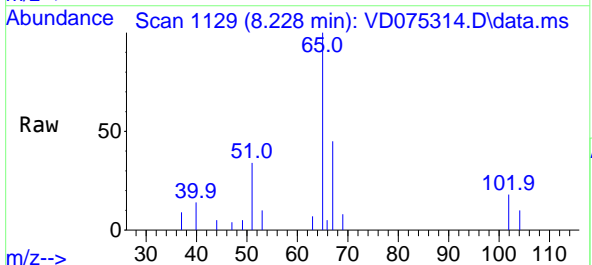


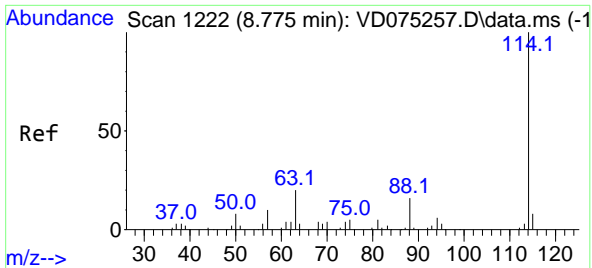
Tgt Ion:168 Resp: 10546  
 Ion Ratio Lower Upper  
 168 100  
 99 51.2 45.2 67.8



#33  
 1,2-Dichloroethane-d4  
 Concen: 65.736 ug/l  
 RT: 8.228 min Scan# 1129  
 Delta R.T. -0.006 min  
 Lab File: VD075314.D  
 Acq: 10 Feb 2023 16:58

Tgt Ion: 65 Resp: 8129  
 Ion Ratio Lower Upper  
 65 100  
 67 52.0 0.0 105.2



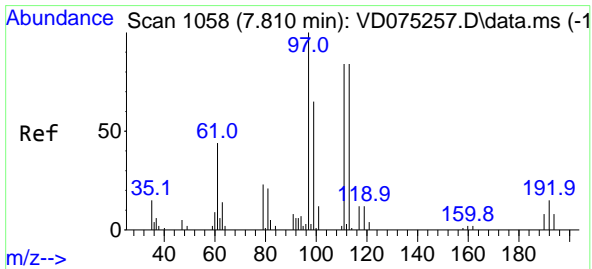
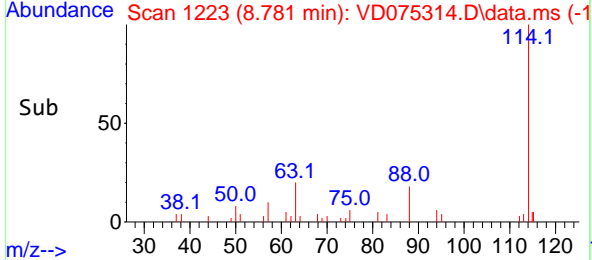
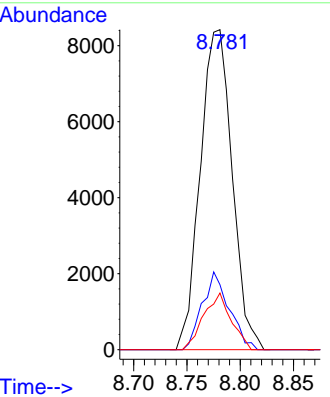
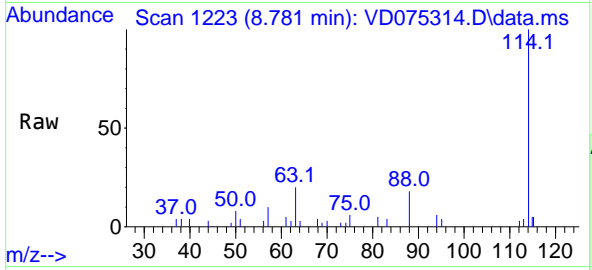


#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.781 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: VD075314.D  
 Acq: 10 Feb 2023 16:58

Instrument : MSVOA\_D  
 ClientSampleId : EO-03-021023

Tgt Ion:114 Resp: 17534

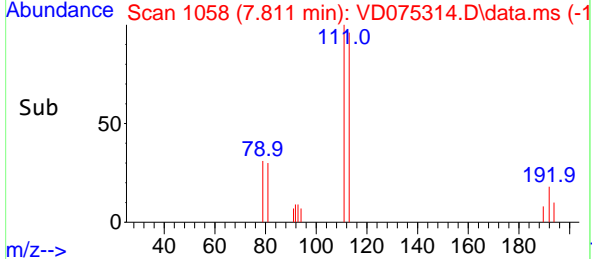
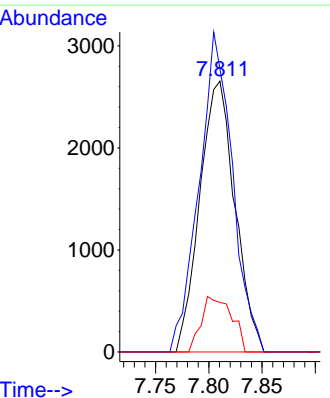
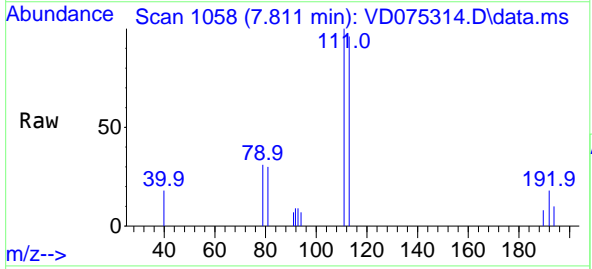
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	40.2
88	17.7	0.0	32.2

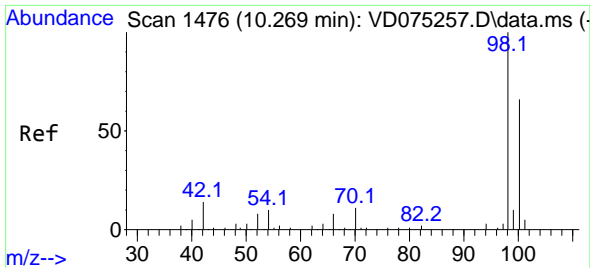


#35  
 Dibromofluoromethane  
 Concen: 49.549 ug/l  
 RT: 7.811 min Scan# 1058  
 Delta R.T. 0.001 min  
 Lab File: VD075314.D  
 Acq: 10 Feb 2023 16:58

Tgt Ion:113 Resp: 6092

Ion	Ratio	Lower	Upper
113	100		
111	112.2	80.1	120.1
192	17.7	15.4	23.0

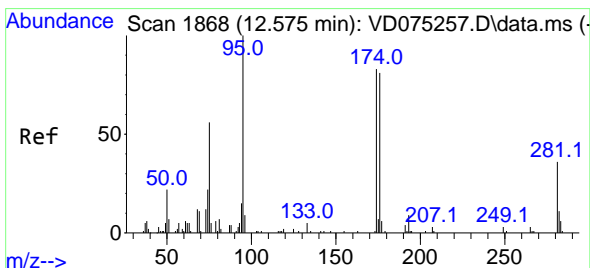
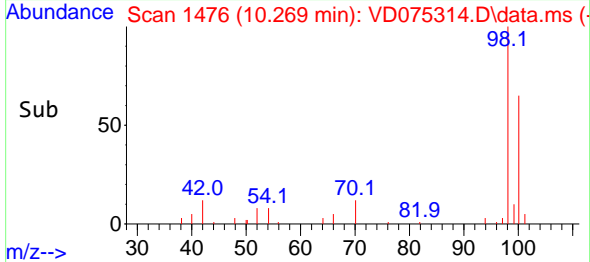
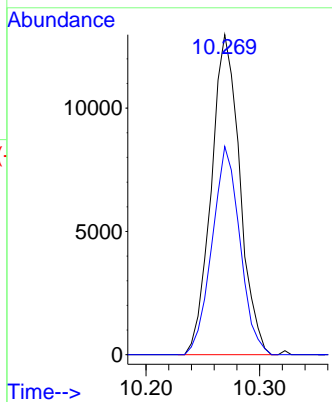
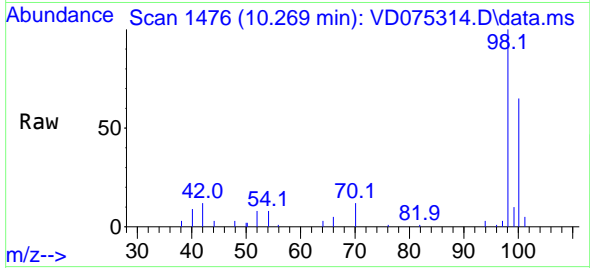




#50  
 Toluene-d8  
 Concen: 48.640 ug/l  
 RT: 10.269 min Scan# 1476  
 Delta R.T. 0.000 min  
 Lab File: VD075314.D  
 Acq: 10 Feb 2023 16:58

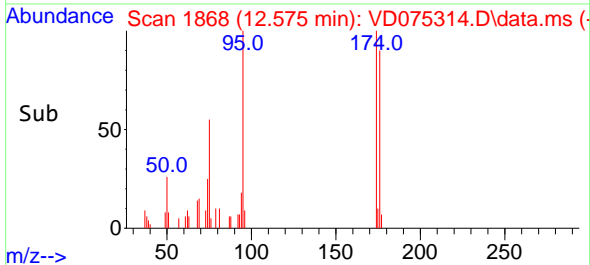
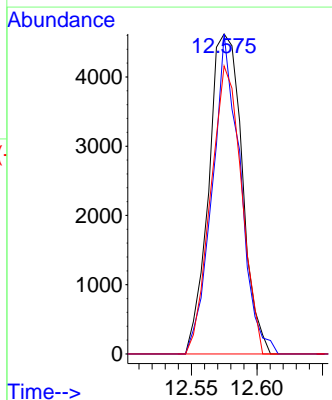
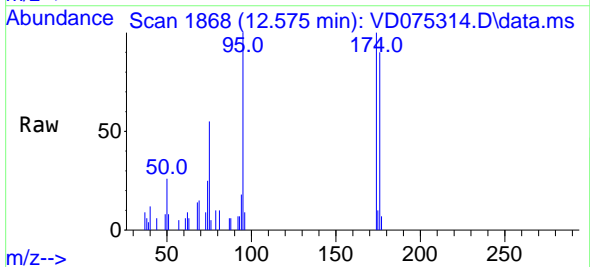
Instrument : MSVOA\_D  
 ClientSampleId : EO-03-021023

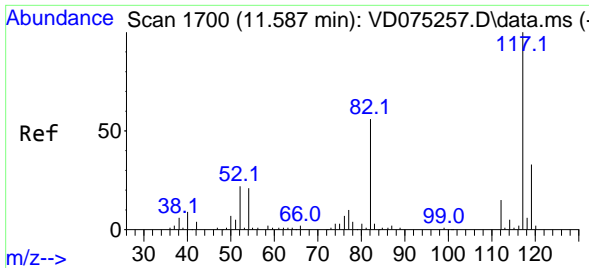
Tgt Ion: 98 Resp: 22679  
 Ion Ratio Lower Upper  
 98 100  
 100 63.5 52.7 79.1



#62  
 4-Bromofluorobenzene  
 Concen: 53.153 ug/l  
 RT: 12.575 min Scan# 1868  
 Delta R.T. -0.000 min  
 Lab File: VD075314.D  
 Acq: 10 Feb 2023 16:58

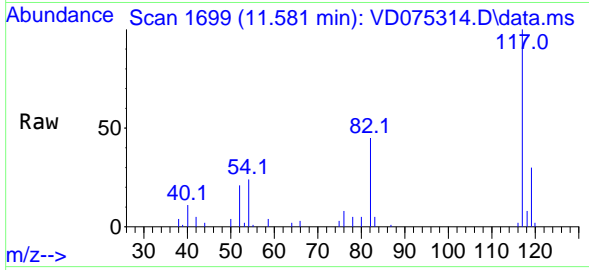
Tgt Ion: 95 Resp: 8172  
 Ion Ratio Lower Upper  
 95 100  
 174 83.7 0.0 161.2  
 176 83.2 0.0 160.2



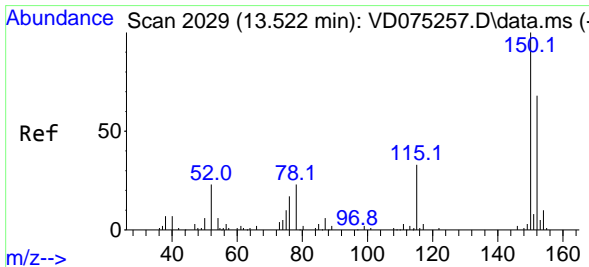
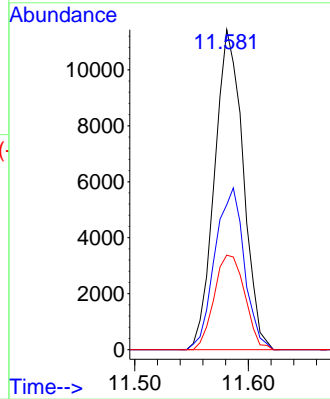
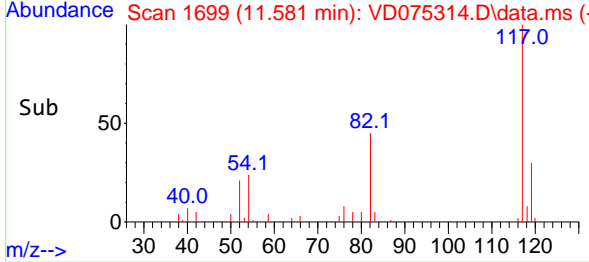


#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.581 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: VD075314.D  
 Acq: 10 Feb 2023 16:58

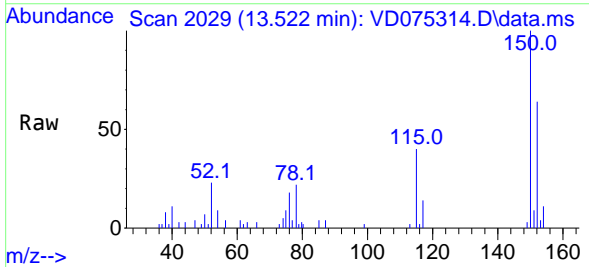
Instrument : MSVOA\_D  
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Tgt Ion:117 Resp: 19962  
 Ion Ratio Lower Upper  
 117 100  
 82 45.3 39.6 59.4  
 119 29.6 24.6 37.0



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.522 min Scan# 2029  
 Delta R.T. -0.000 min  
 Lab File: VD075314.D  
 Acq: 10 Feb 2023 16:58



Tgt Ion:152 Resp: 9730  
 Ion Ratio Lower Upper  
 152 100  
 115 60.8 28.8 86.4  
 150 152.8 0.0 348.6

