

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062123\
 Data File : VD076516.D
 Acq On : 21 Jun 2023 16:51
 Operator : KP/SY
 Sample : 03290-01
 Misc : 5.75G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1

Quant Time: Jun 22 02:00:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.875	168	112801	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	197791	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	185117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	85492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	52867	46.778	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.560%
35) Dibromofluoromethane	7.804	113	57942	49.312	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.620%
50) Toluene-d8	10.269	98	202570	45.458	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.920%
62) 4-Bromofluorobenzene	12.575	95	63112	43.639	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.280%

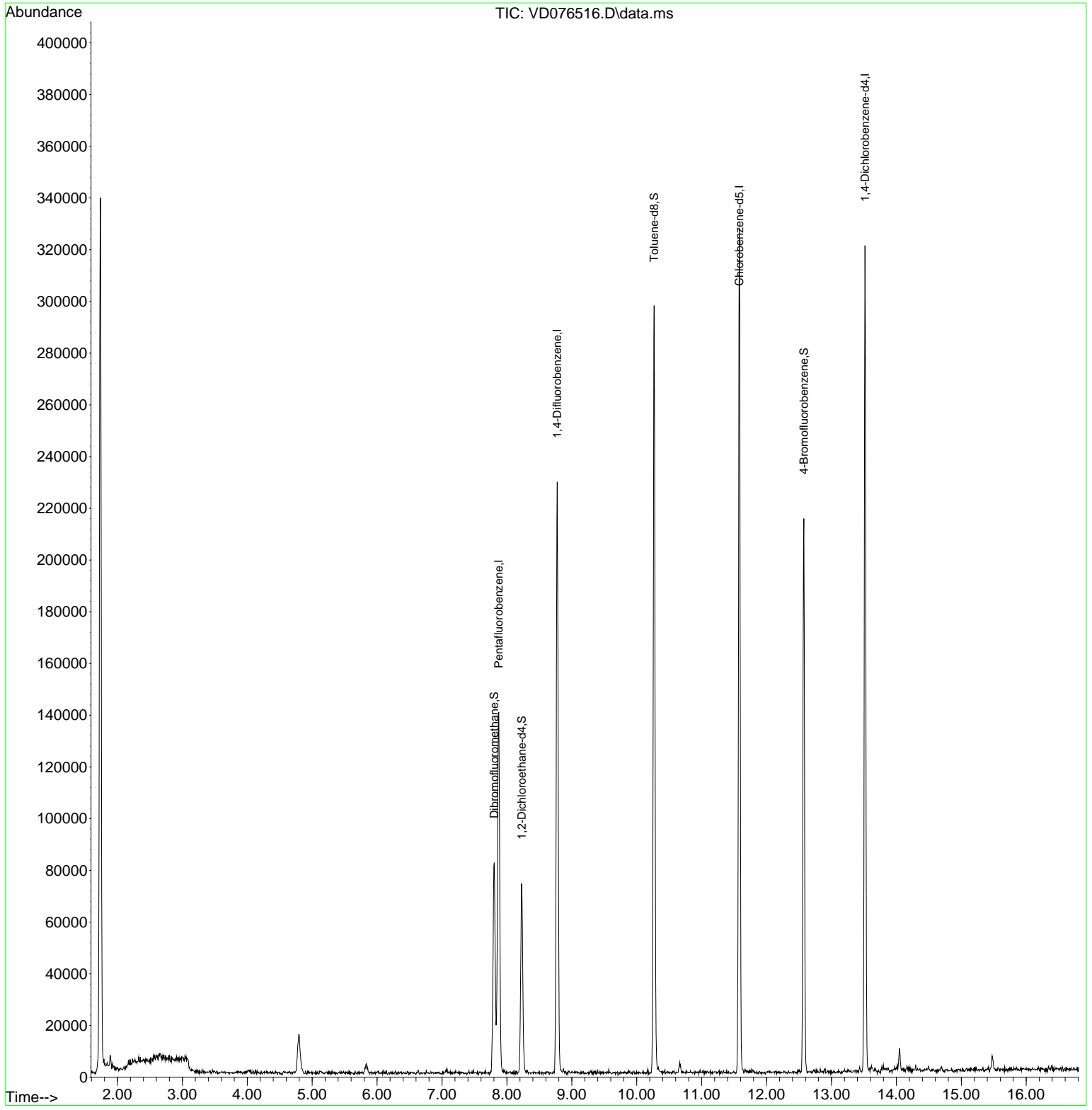
Target Compounds Qvalue

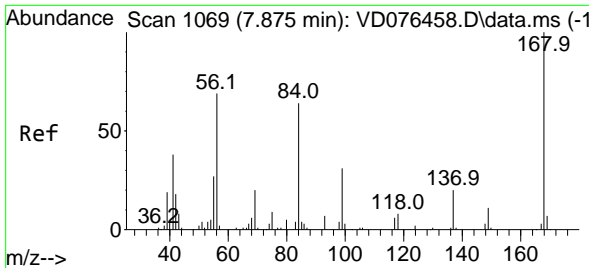
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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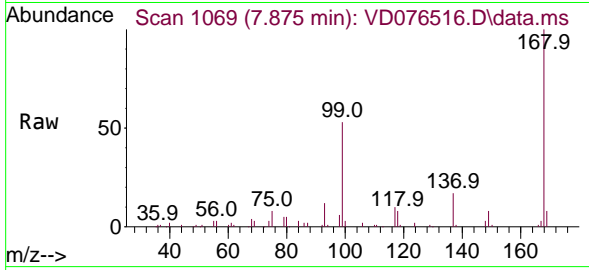
Quant Time: Jun 22 02:00:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
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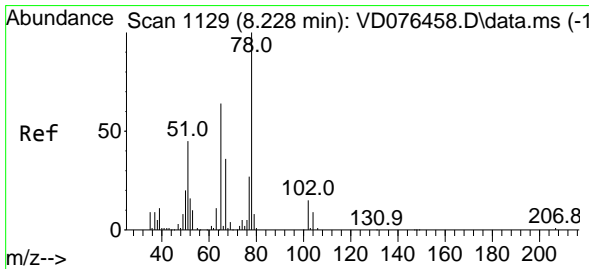
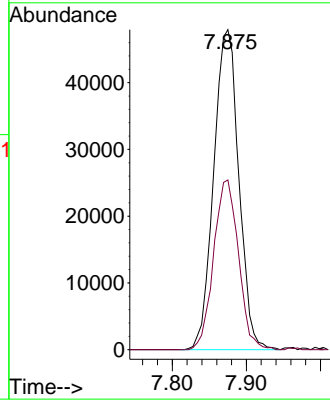
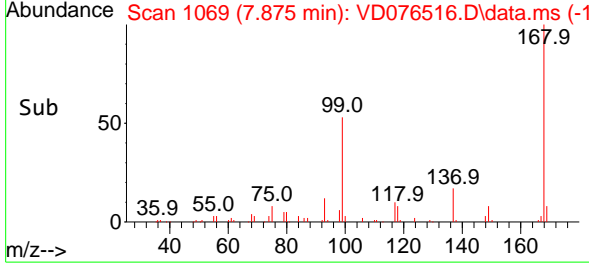


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.875 min Scan# 1069
 Delta R.T. -0.000 min
 Lab File: VD076516.D
 Acq: 21 Jun 2023 16:51

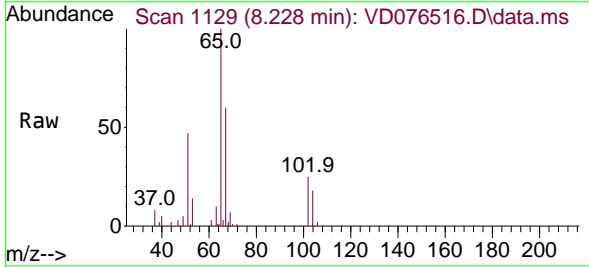
Instrument : MSVOA_D
 ClientSampleId : SB-1



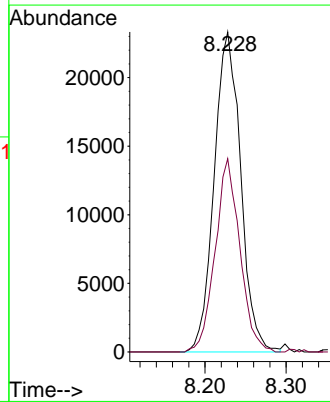
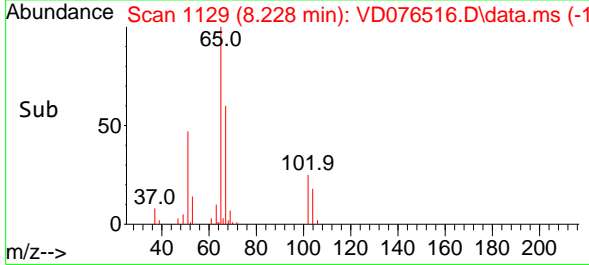
Tgt Ion:168 Resp: 112801
 Ion Ratio Lower Upper
 168 100
 99 53.0 36.7 55.1

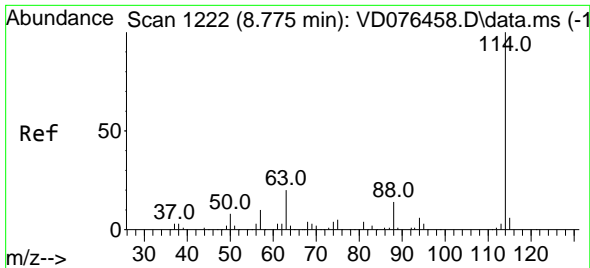


#33
 1,2-Dichloroethane-d4
 Concen: 46.778 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VD076516.D
 Acq: 21 Jun 2023 16:51



Tgt Ion: 65 Resp: 52867
 Ion Ratio Lower Upper
 65 100
 67 56.4 0.0 115.0

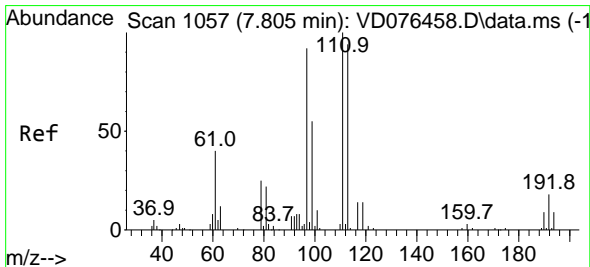
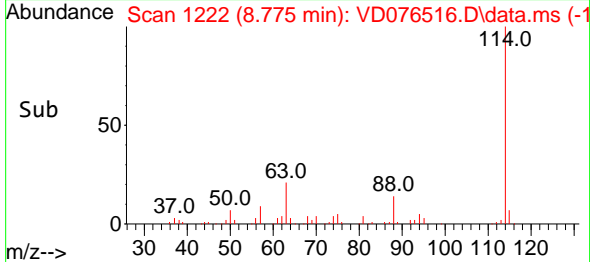
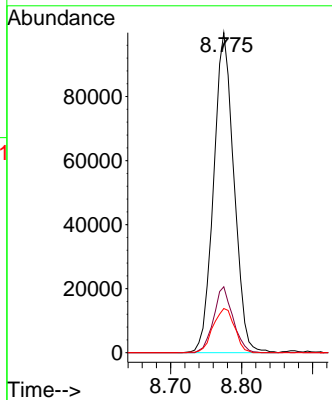
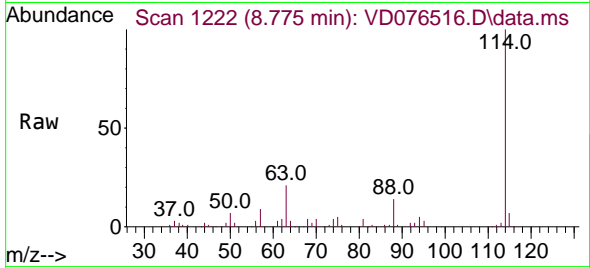




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD076516.D
 Acq: 21 Jun 2023 16:51

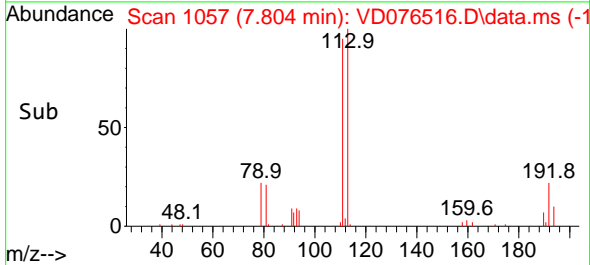
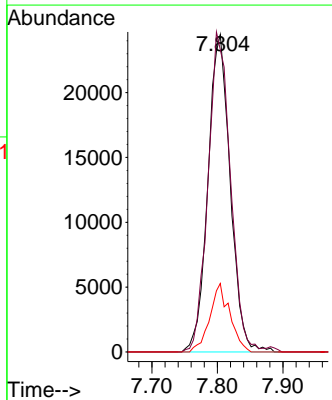
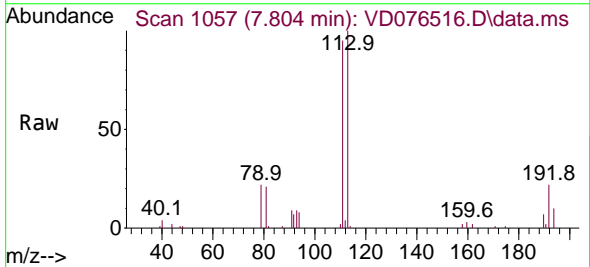
Instrument : MSVOA_D
 ClientSampleId : SB-1

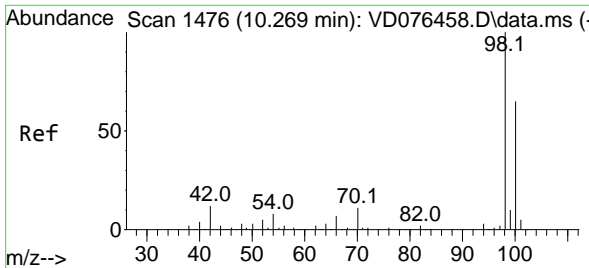
Tgt Ion	Resp	Lower	Upper
114	100		
63	20.6	0.0	33.4
88	13.8	0.0	26.2



#35
 Dibromofluoromethane
 Concen: 49.312 ug/l
 RT: 7.804 min Scan# 1057
 Delta R.T. -0.000 min
 Lab File: VD076516.D
 Acq: 21 Jun 2023 16:51

Tgt Ion	Resp	Lower	Upper
113	100		
111	101.2	84.7	127.1
192	19.4	16.8	25.2

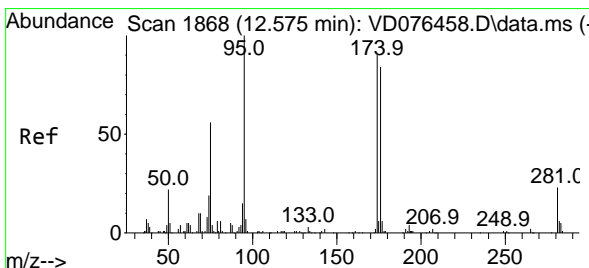
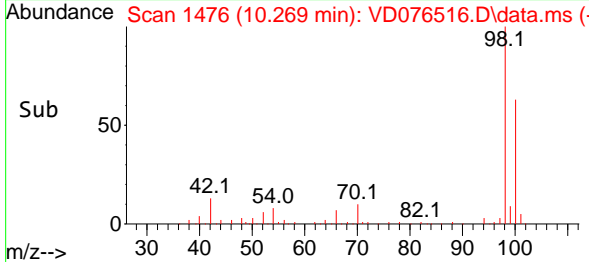
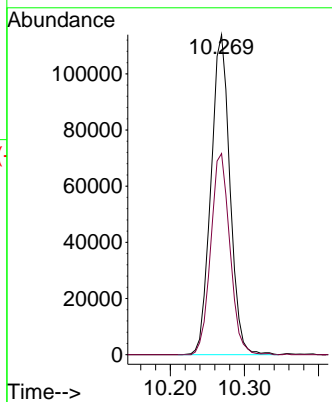
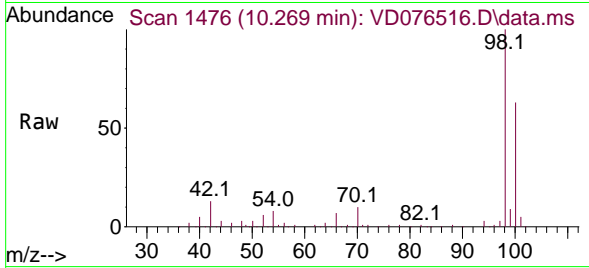




#50
 Toluene-d8
 Concen: 45.458 ug/l
 RT: 10.269 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VD076516.D
 Acq: 21 Jun 2023 16:51

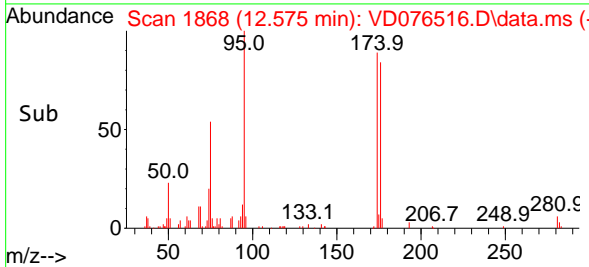
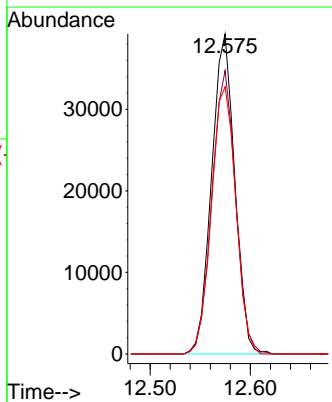
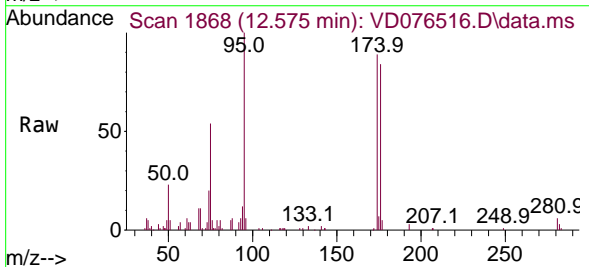
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1

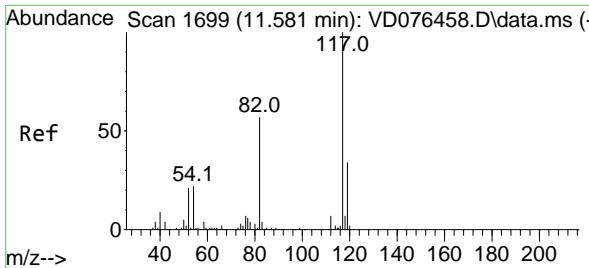
Tgt Ion: 98 Resp: 202570
 Ion Ratio Lower Upper
 98 100
 100 63.4 50.3 75.5



#62
 4-Bromofluorobenzene
 Concen: 43.639 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: VD076516.D
 Acq: 21 Jun 2023 16:51

Tgt Ion: 95 Resp: 63112
 Ion Ratio Lower Upper
 95 100
 174 90.3 0.0 201.8
 176 87.6 0.0 191.8



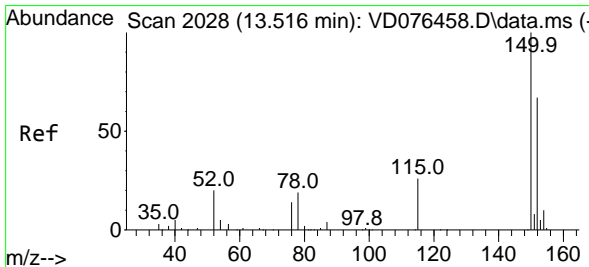
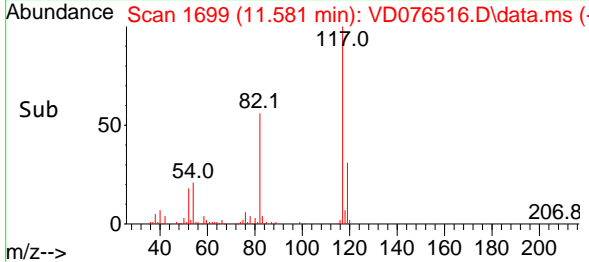
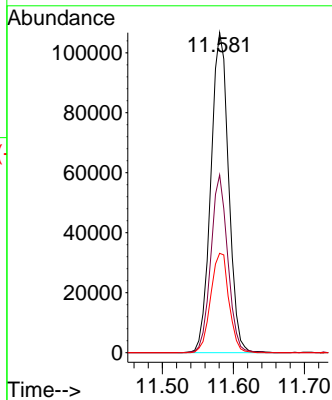
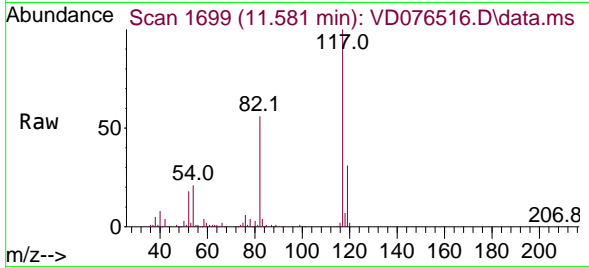


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.581 min Scan# 1699
 Delta R.T. -0.000 min
 Lab File: VD076516.D
 Acq: 21 Jun 2023 16:51

Instrument : MSVOA_D
 ClientSampleId : SB-1

Tgt Ion:117 Resp: 185117

Ion	Ratio	Lower	Upper
117	100		
82	55.6	38.3	57.5
119	31.0	25.0	37.4



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. -0.000 min
 Lab File: VD076516.D
 Acq: 21 Jun 2023 16:51

Tgt Ion:152 Resp: 85492

Ion	Ratio	Lower	Upper
152	100		
115	54.1	27.1	81.3
150	155.6	0.0	353.6

