

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013023\
 Data File : VD075240.D
 Acq On : 30 Jan 2023 16:15
 Operator : KP/SY
 Sample : 01348-06
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-H5(30.5-32)

Quant Time: Jan 31 00:22:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	52852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	98920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	100513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	46872	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	32347	59.978	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.960%
35) Dibromofluoromethane	7.810	113	31815	53.225	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.460%
50) Toluene-d8	10.269	98	124814	53.032	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.060%
62) 4-Bromofluorobenzene	12.575	95	42019	56.255	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.500%

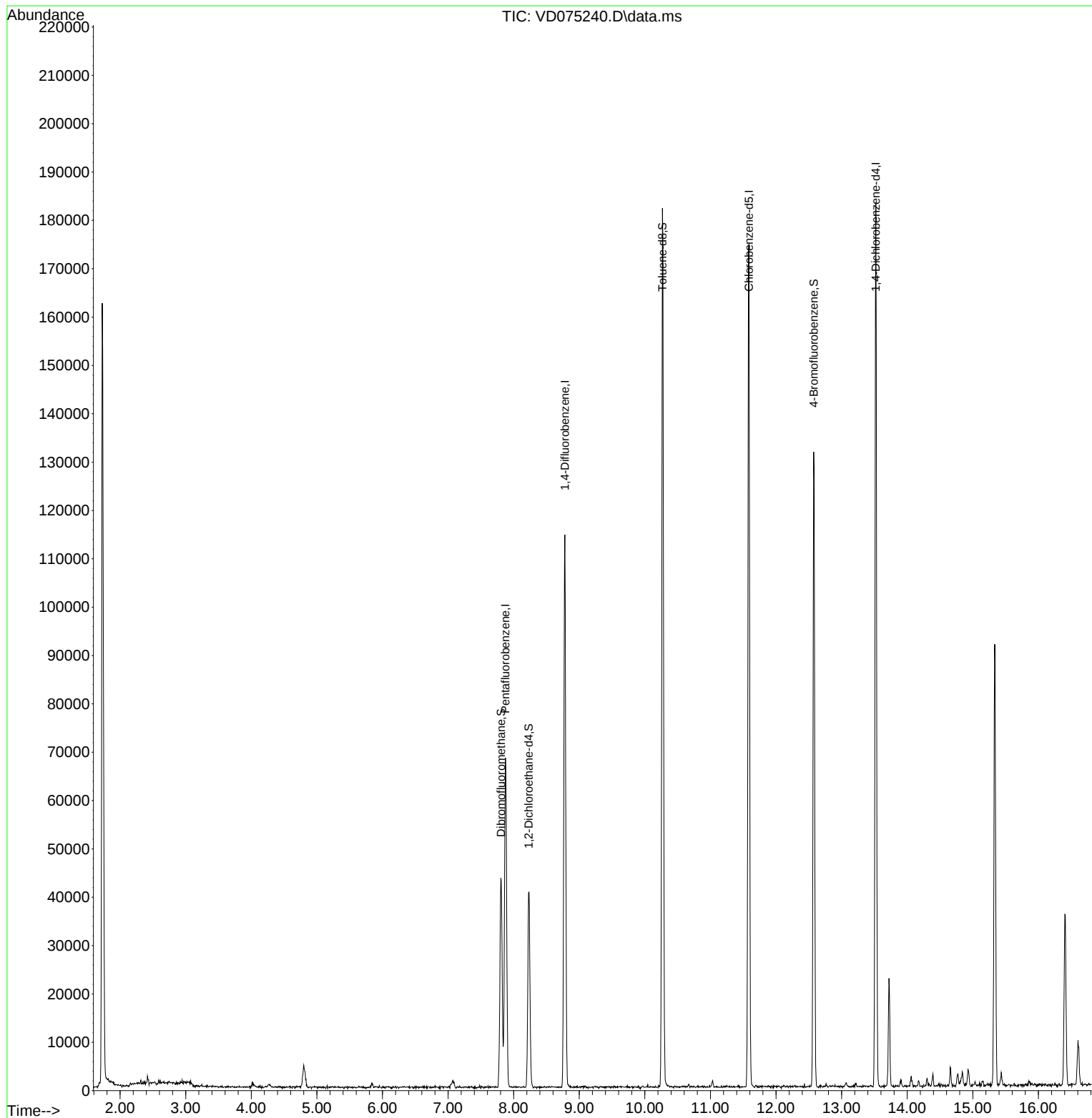
Target Compounds	Qvalue

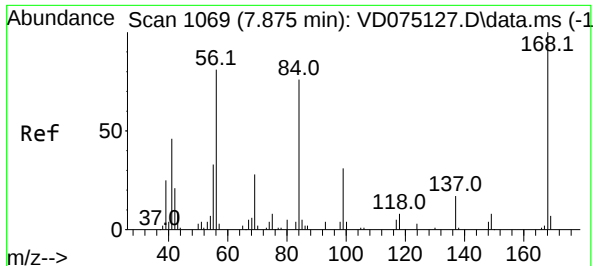
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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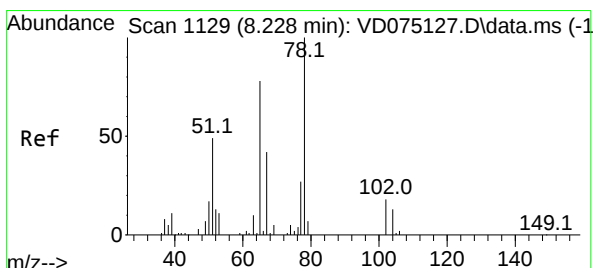
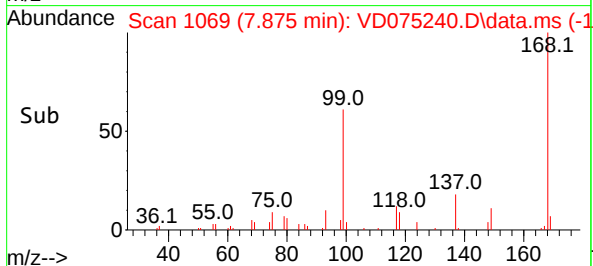
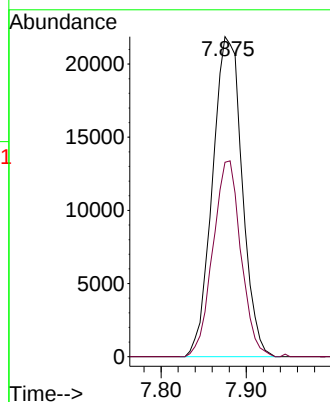
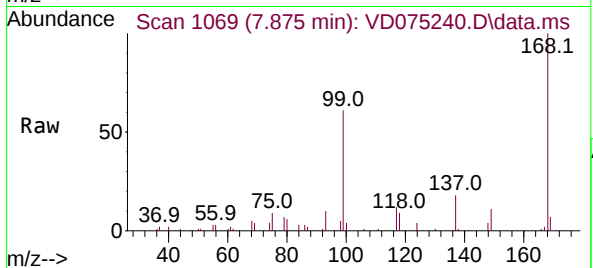




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075240.D
Acq: 30 Jan 2023 16:15

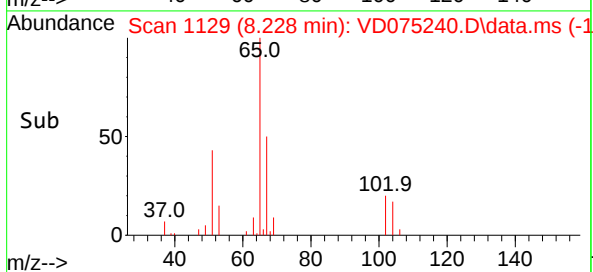
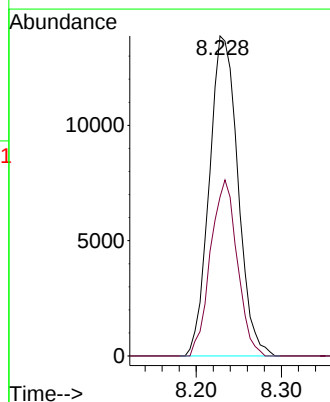
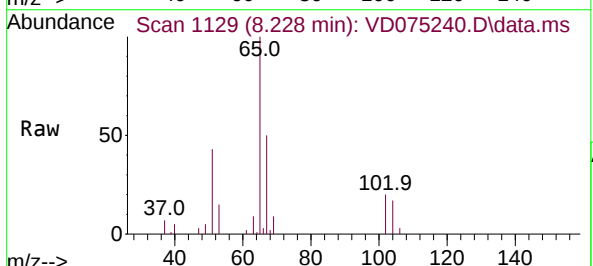
Instrument :
MSVOA_D
ClientSampleId :
S-H5(30.5-32)

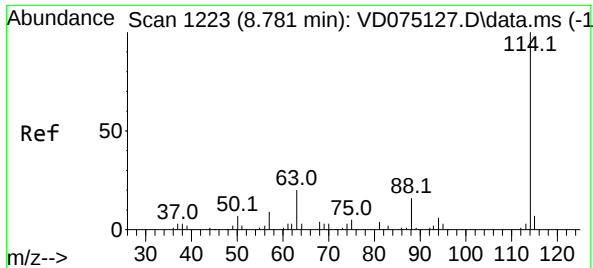
Tgt Ion:168 Resp: 52852
Ion Ratio Lower Upper
168 100
99 60.7 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 59.978 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD075240.D
Acq: 30 Jan 2023 16:15

Tgt Ion: 65 Resp: 32347
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.2

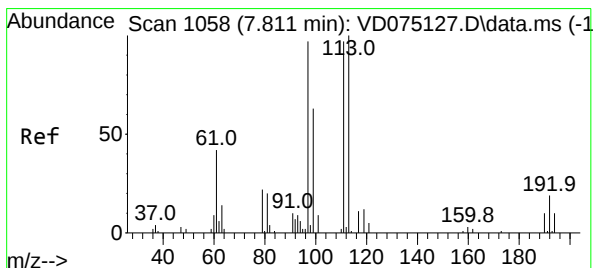
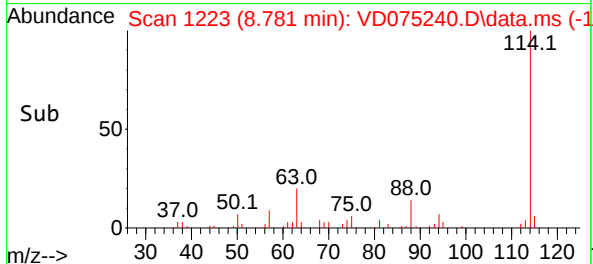
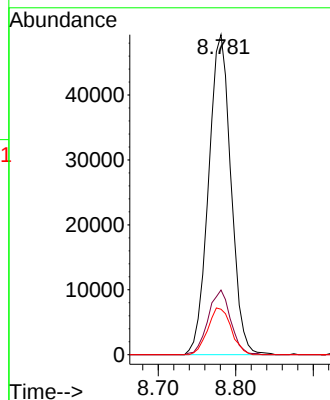
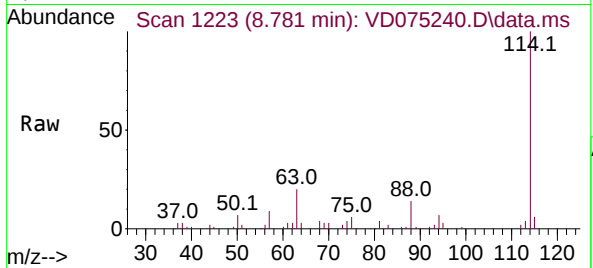




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075240.D
Acq: 30 Jan 2023 16:15

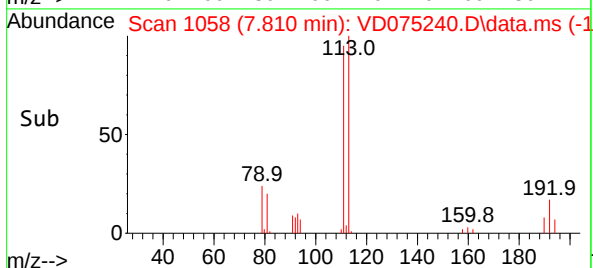
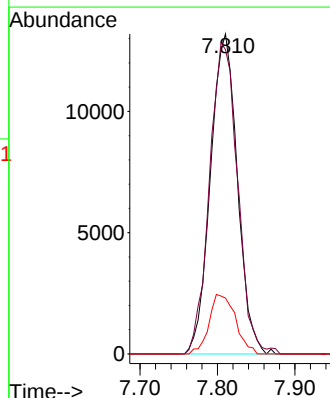
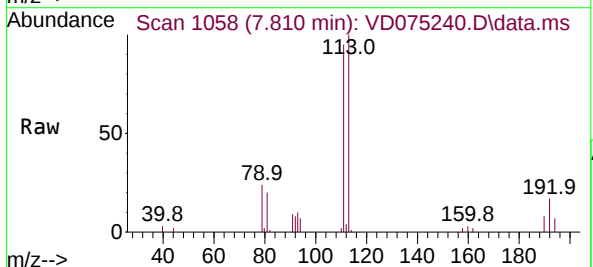
Instrument :
MSVOA_D
ClientSampleId :
S-H5(30.5-32)

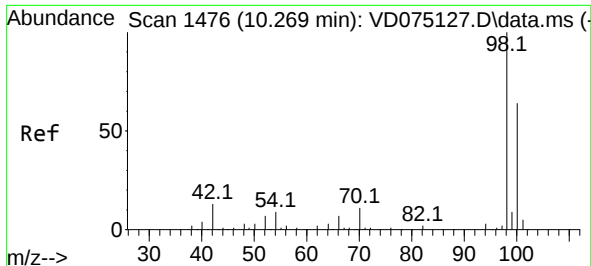
Tgt Ion:	114	Resp:	98920
Ion Ratio	Lower	Upper	
114	100		
63	20.2	0.0	40.2
88	14.2	0.0	32.2



#35
Dibromofluoromethane
Concen: 53.225 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD075240.D
Acq: 30 Jan 2023 16:15

Tgt Ion:	113	Resp:	31815
Ion Ratio	Lower	Upper	
113	100		
111	101.5	80.1	120.1
192	18.2	15.4	23.0

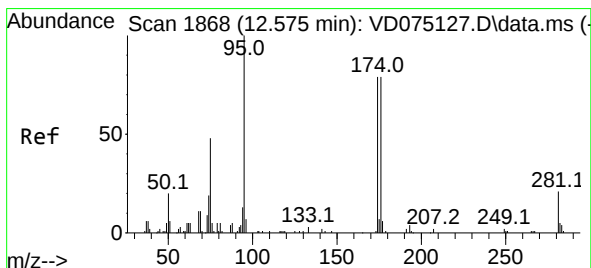
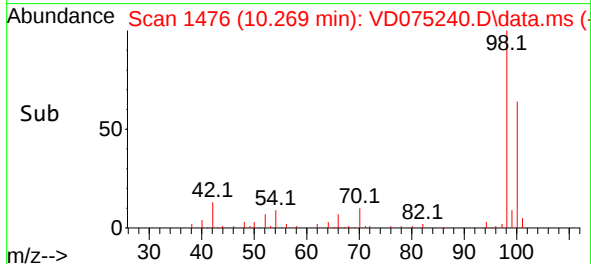
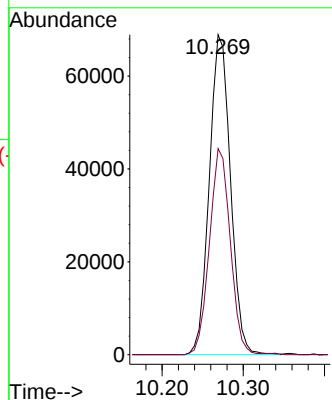
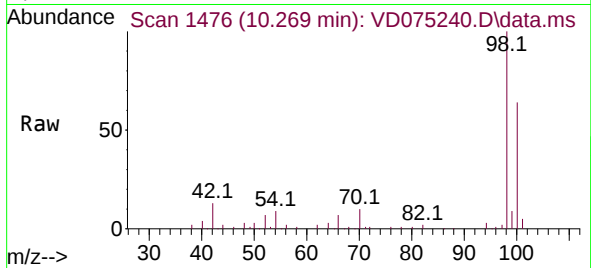




#50
Toluene-d8
Concen: 53.032 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075240.D
Acq: 30 Jan 2023 16:15

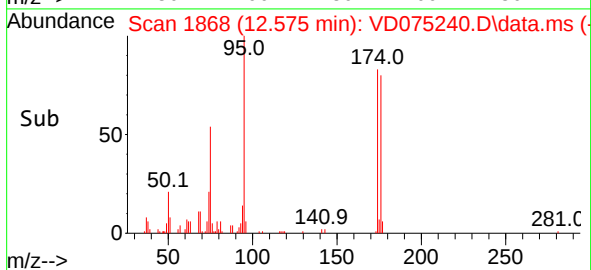
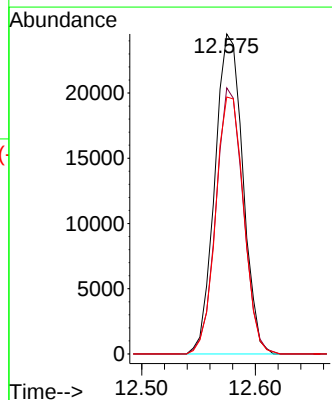
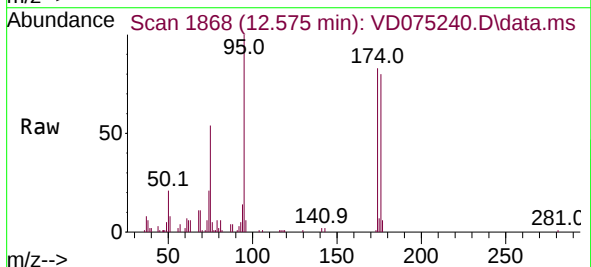
Instrument :
MSVOA_D
ClientSampleId :
S-H5(30.5-32)

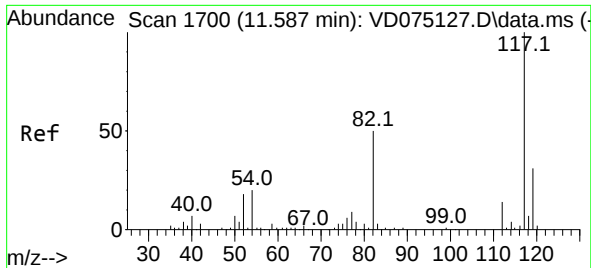
Tgt Ion: 98 Resp: 124814
Ion Ratio Lower Upper
98 100
100 63.5 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 56.255 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075240.D
Acq: 30 Jan 2023 16:15

Tgt Ion: 95 Resp: 42019
Ion Ratio Lower Upper
95 100
174 80.9 0.0 161.2
176 80.4 0.0 160.2

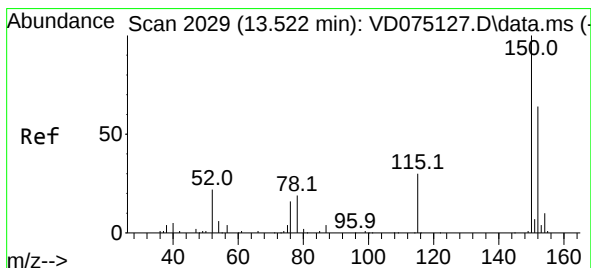
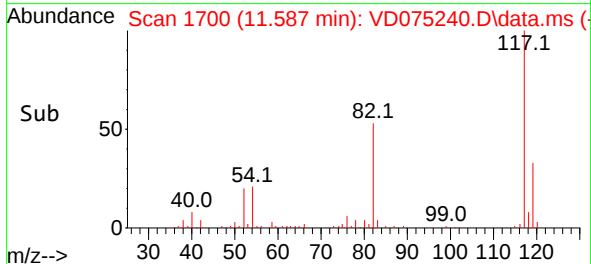
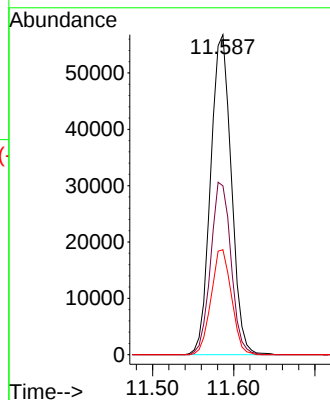
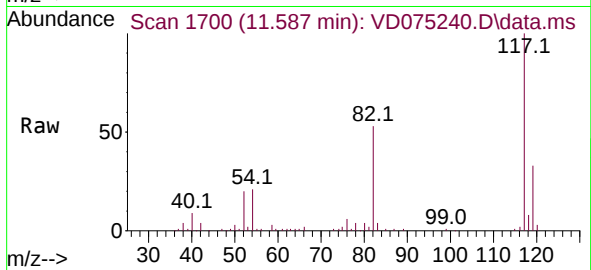




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075240.D
Acq: 30 Jan 2023 16:15

Instrument :
MSVOA_D
ClientSampleId :
S-H5(30.5-32)

Tgt Ion:117 Resp: 100513
Ion Ratio Lower Upper
117 100
82 52.8 39.6 59.4
119 32.8 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: VD075240.D
Acq: 30 Jan 2023 16:15

Tgt Ion:152 Resp: 46872
Ion Ratio Lower Upper
152 100
115 58.6 28.8 86.4
150 157.7 0.0 348.6

