

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103123\
 Data File : VD077469.D
 Acq On : 31 Oct 2023 18:59
 Operator : JC/SY
 Sample : 05141-01
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PE-1

Quant Time: Nov 01 06:11:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	25146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	54364	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	61936	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	34276	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	26496	74.516	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	149.040%
35) Dibromofluoromethane	7.804	113	19895	52.948	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.900%
50) Toluene-d8	10.269	98	75404	51.665	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.320%
62) 4-Bromofluorobenzene	12.575	95	31327	63.729	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	127.460%

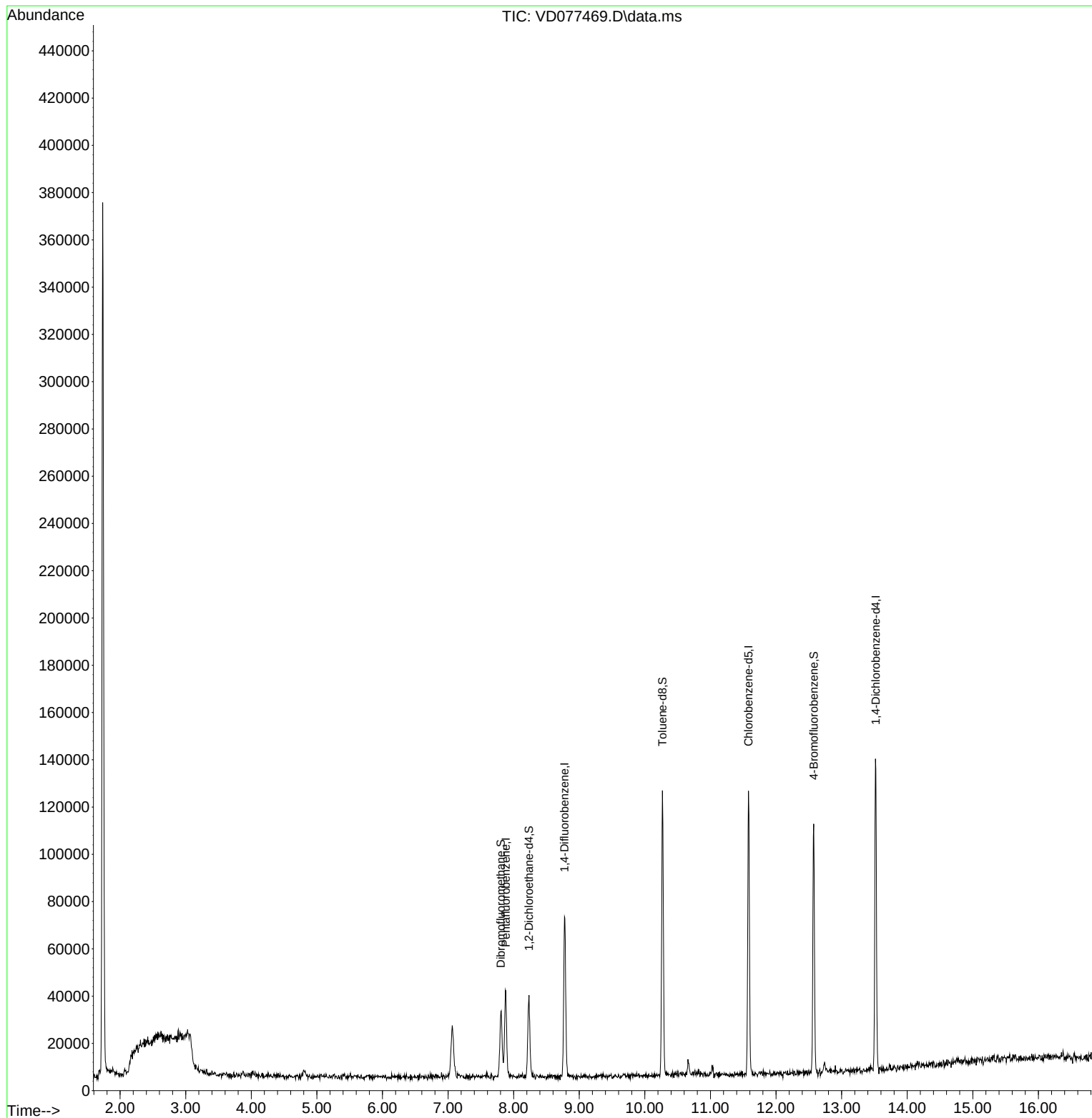
Target Compounds	Qvalue

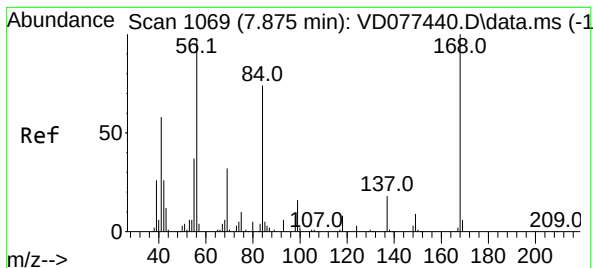
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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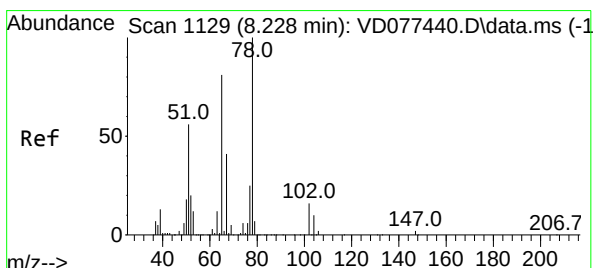
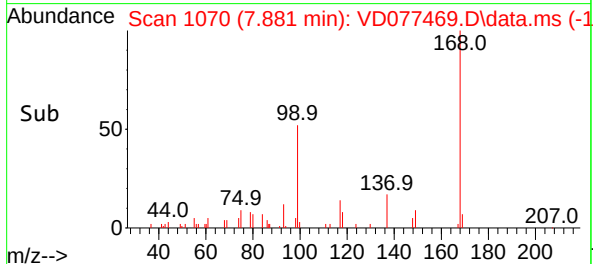
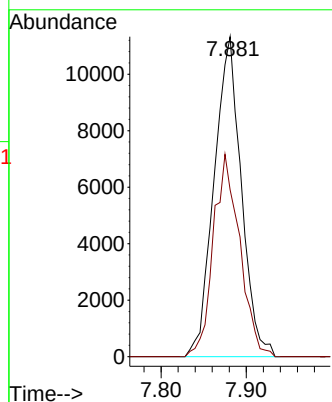
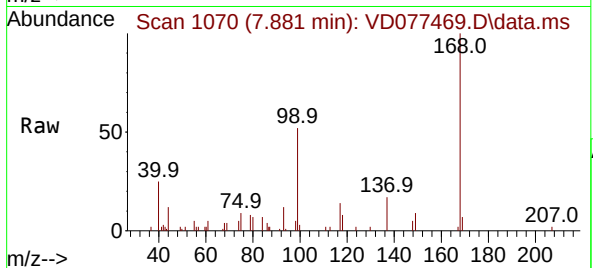




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VD077469.D
Acq: 31 Oct 2023 18:59

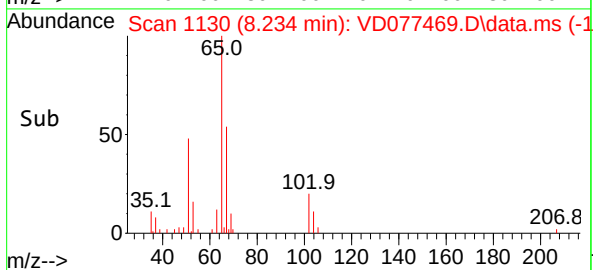
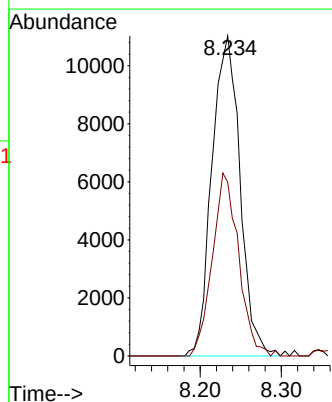
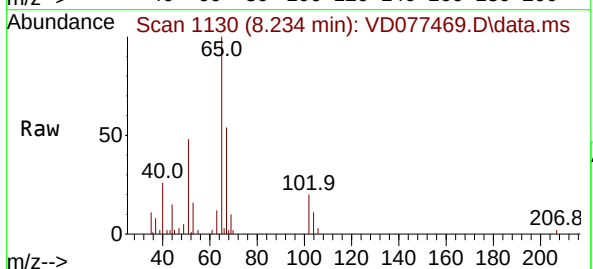
Instrument :
MSVOA_D
ClientSampleId :
PE-1

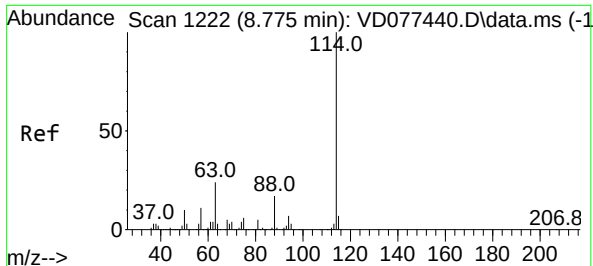
Tgt Ion:168 Resp: 25146
Ion Ratio Lower Upper
168 100
99 52.1 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 74.516 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077469.D
Acq: 31 Oct 2023 18:59

Tgt Ion: 65 Resp: 26496
Ion Ratio Lower Upper
65 100
67 53.7 0.0 115.0

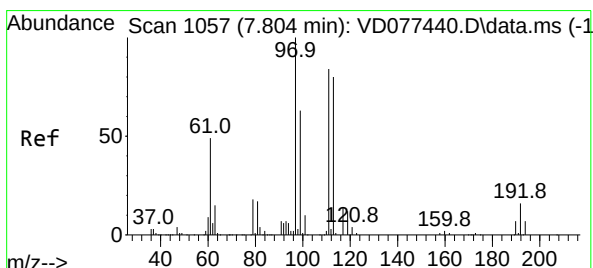
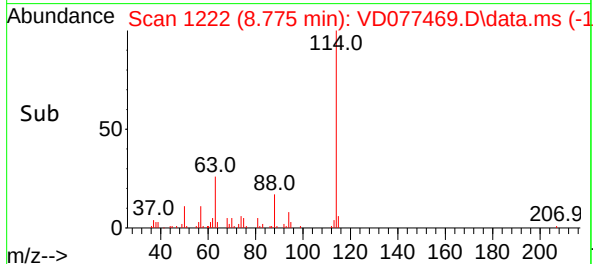
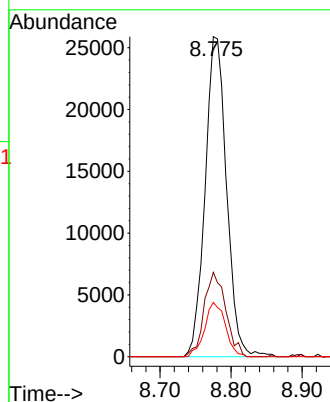
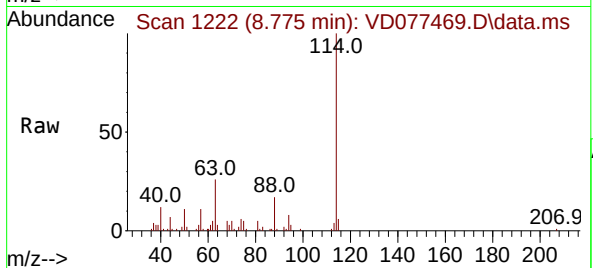




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077469.D
Acq: 31 Oct 2023 18:59

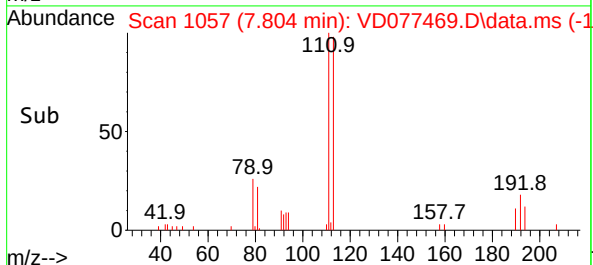
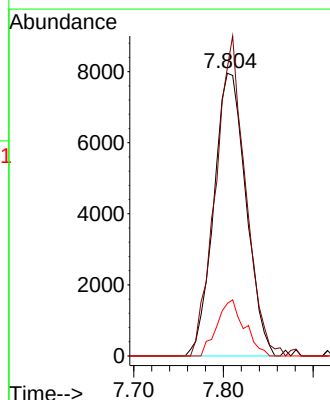
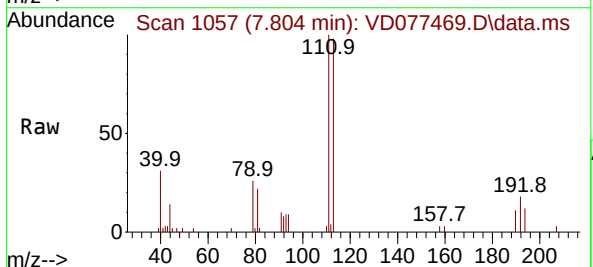
Instrument :
MSVOA_D
ClientSampleId :
PE-1

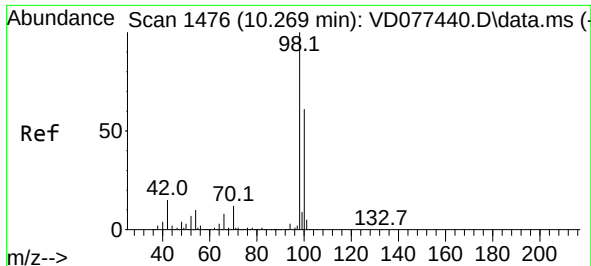
Tgt Ion:	114	Resp:	54364
Ion	Ratio	Lower	Upper
114	100		
63	26.4	0.0	33.4
88	16.9	0.0	26.2



#35
Dibromofluoromethane
Concen: 52.948 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD077469.D
Acq: 31 Oct 2023 18:59

Tgt Ion:	113	Resp:	19895
Ion	Ratio	Lower	Upper
113	100		
111	104.3	84.7	127.1
192	16.9	16.8	25.2

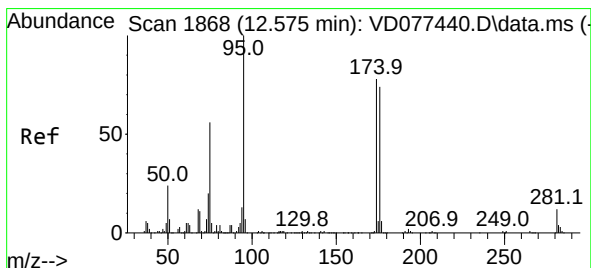
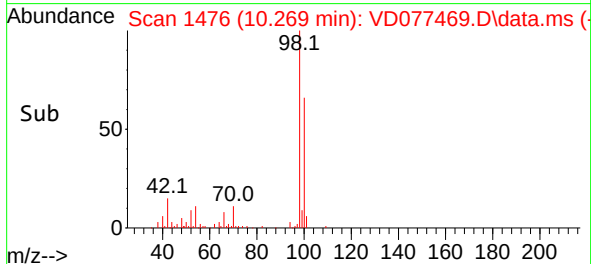
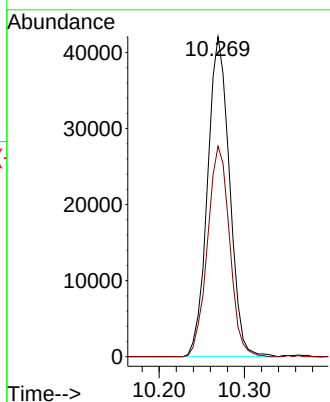
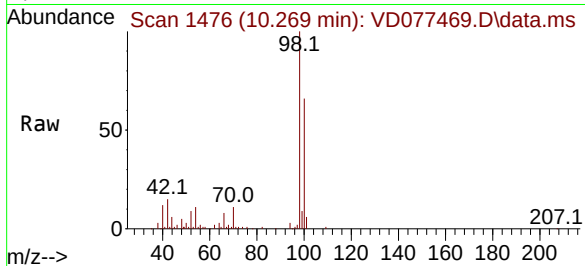




#50
Toluene-d8
Concen: 51.665 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077469.D
Acq: 31 Oct 2023 18:59

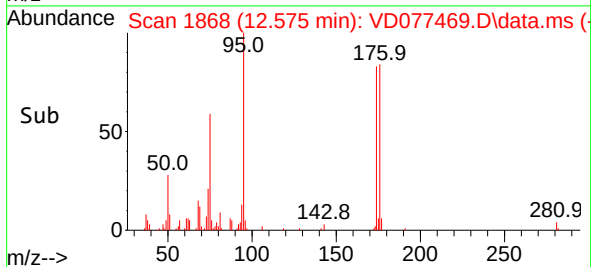
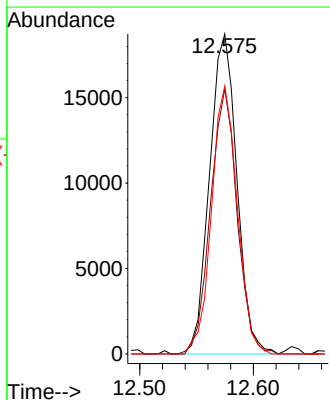
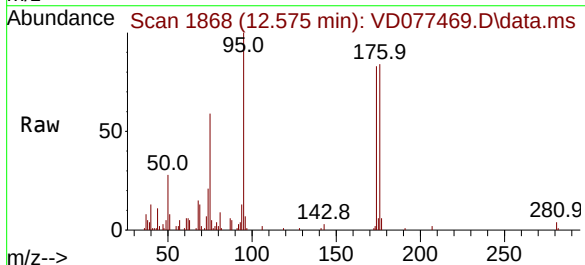
Instrument :
MSVOA_D
ClientSampleId :
PE-1

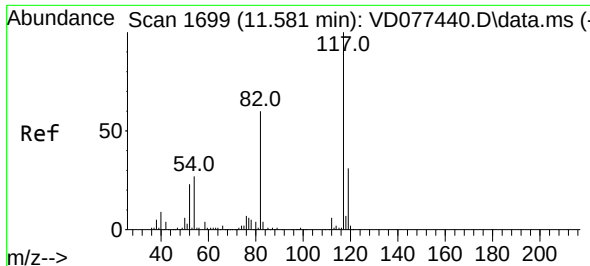
Tgt Ion: 98 Resp: 75404
Ion Ratio Lower Upper
98 100
100 66.2 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 63.729 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077469.D
Acq: 31 Oct 2023 18:59

Tgt Ion: 95 Resp: 31327
Ion Ratio Lower Upper
95 100
174 80.5 0.0 201.8
176 79.3 0.0 191.8

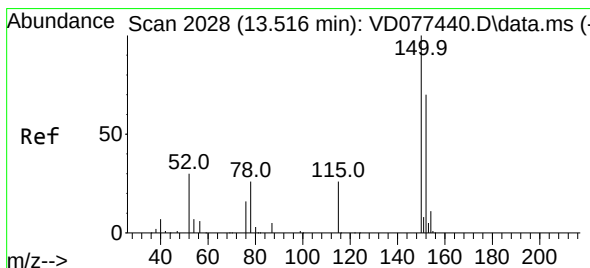
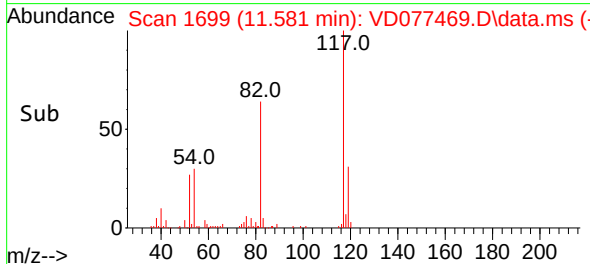
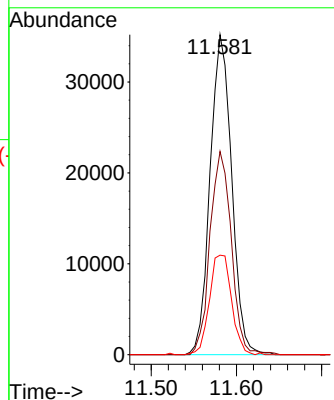
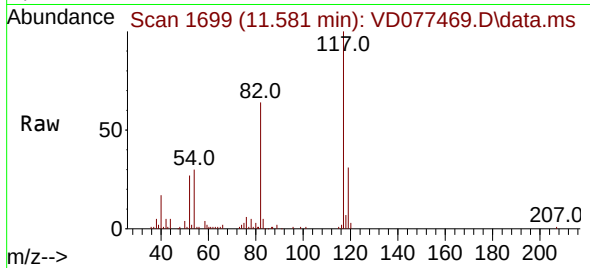




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077469.D
Acq: 31 Oct 2023 18:59

Instrument :
MSVOA_D
ClientSampleId :
PE-1

Tgt Ion:117 Resp: 61936
Ion Ratio Lower Upper
117 100
82 63.5 38.3 57.5#
119 31.1 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077469.D
Acq: 31 Oct 2023 18:59

Tgt Ion:152 Resp: 34276
Ion Ratio Lower Upper
152 100
115 58.8 27.1 81.3
150 148.5 0.0 353.6

