

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110123\
 Data File : VD077480.D
 Acq On : 01 Nov 2023 15:00
 Operator : JC/SY
 Sample : 05197-01
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SCF

Quant Time: Nov 02 00:55:57 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	7.875	168	14759	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	30673	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	32182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	15930	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	13675	65.525	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.040%
35) Dibromofluoromethane	7.805	113	10029	47.307	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.620%
50) Toluene-d8	10.269	98	40245	48.873	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.740%
62) 4-Bromofluorobenzene	12.575	95	15523	55.970	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	111.940%

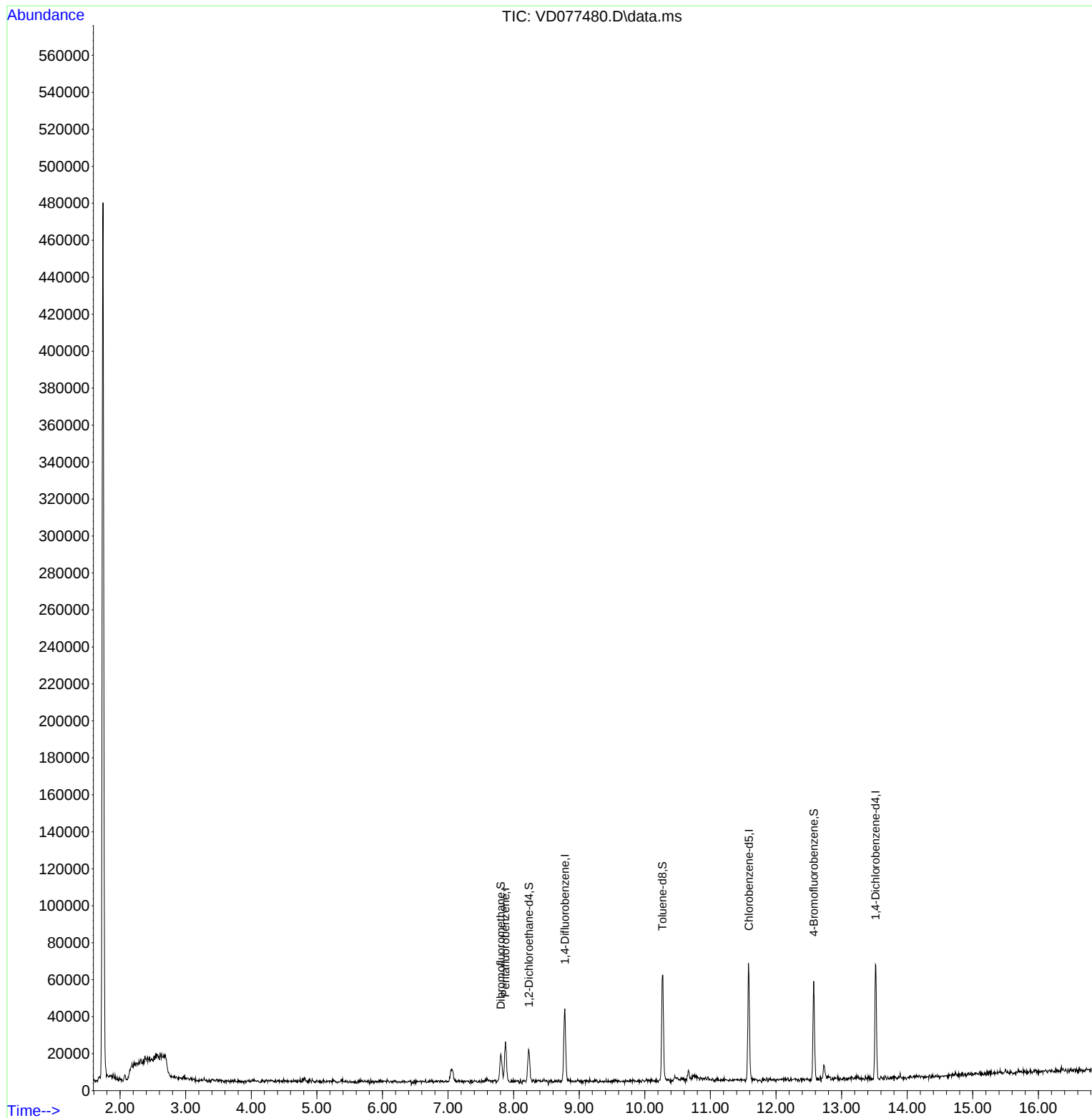
Target Compounds	Qvalue

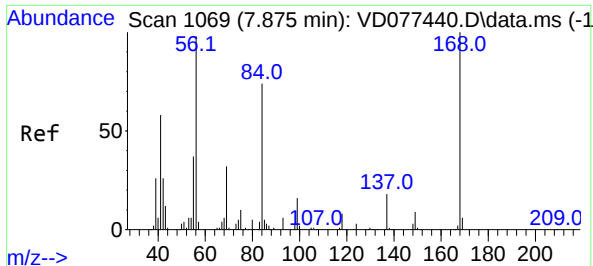
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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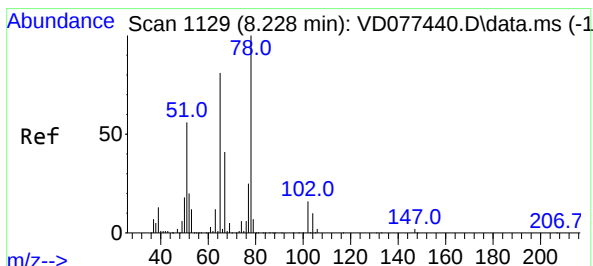
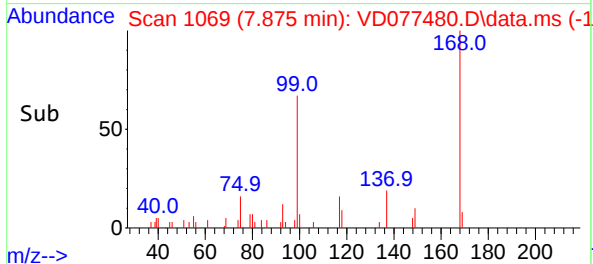
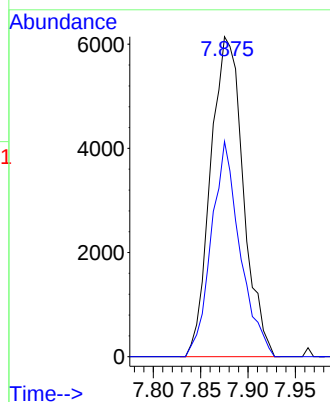
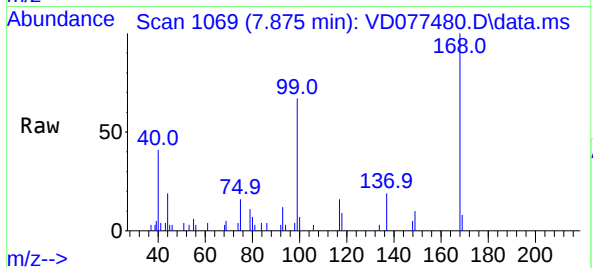




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD077480.D
Acq: 01 Nov 2023 15:00

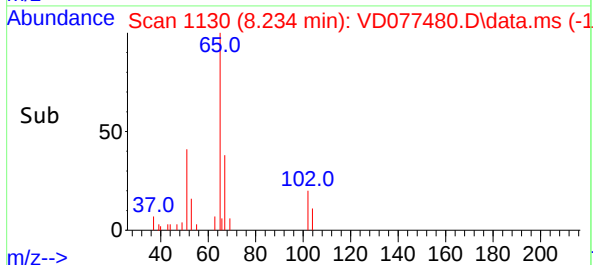
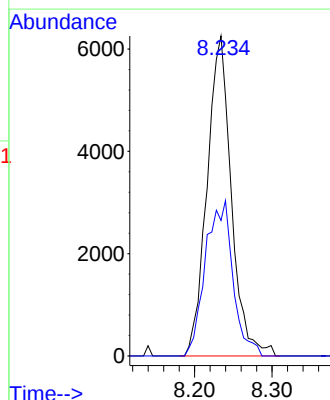
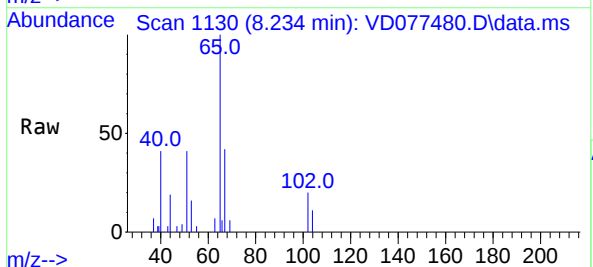
Instrument :
MSVOA_D
ClientSampleId :
SCF

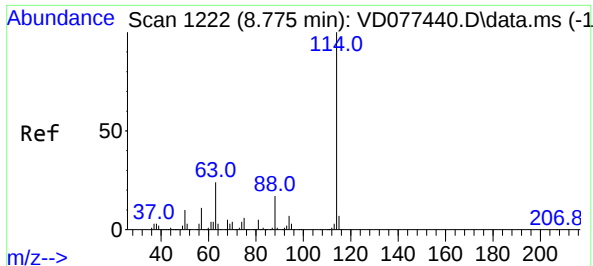
Tgt Ion:168 Resp: 14759
Ion Ratio Lower Upper
168 100
99 67.3 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 65.525 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077480.D
Acq: 01 Nov 2023 15:00

Tgt Ion: 65 Resp: 13675
Ion Ratio Lower Upper
65 100
67 54.7 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077480.D

Acq: 01 Nov 2023 15:00

Instrument :

MSVOA_D

ClientSampleId :

SCF

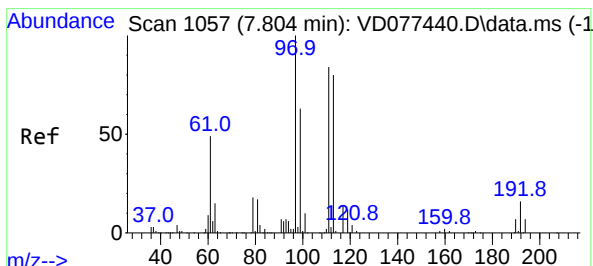
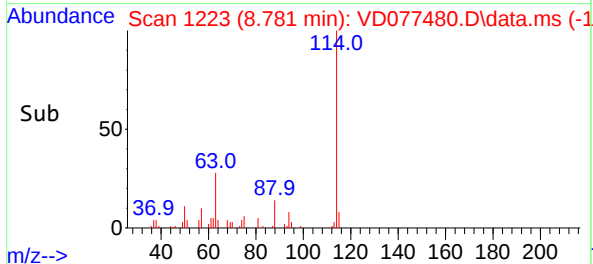
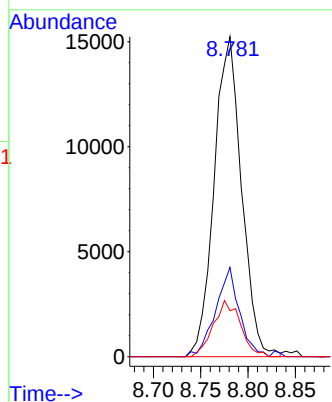
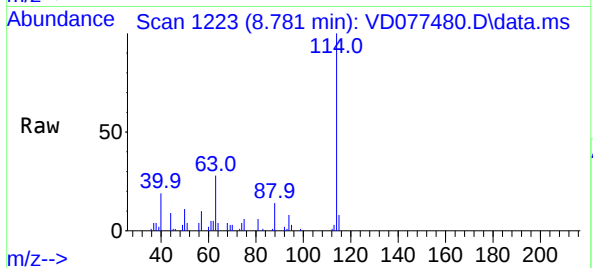
Tgt Ion:114 Resp: 30673

Ion Ratio Lower Upper

114 100

63 27.9 0.0 33.4

88 14.4 0.0 26.2



#35

Dibromofluoromethane

Concen: 47.307 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077480.D

Acq: 01 Nov 2023 15:00

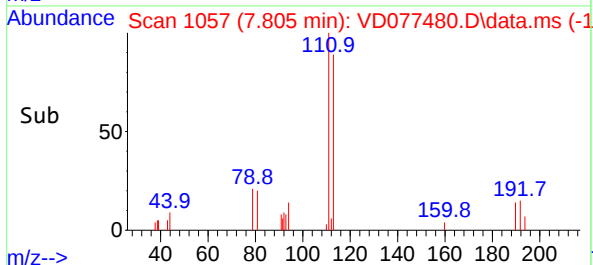
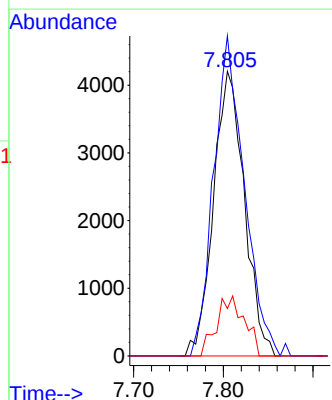
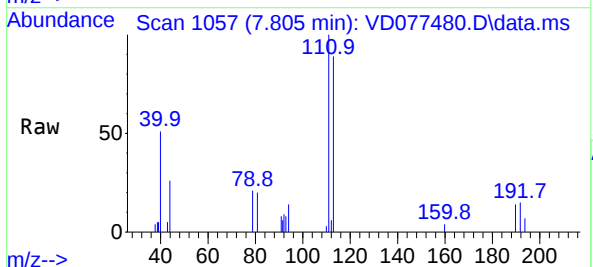
Tgt Ion:113 Resp: 10029

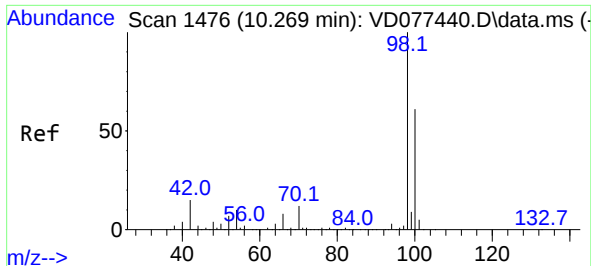
Ion Ratio Lower Upper

113 100

111 111.4 84.7 127.1

192 18.9 16.8 25.2

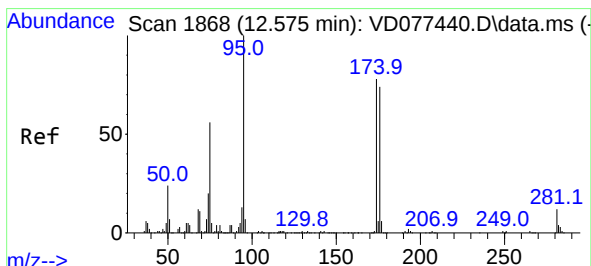
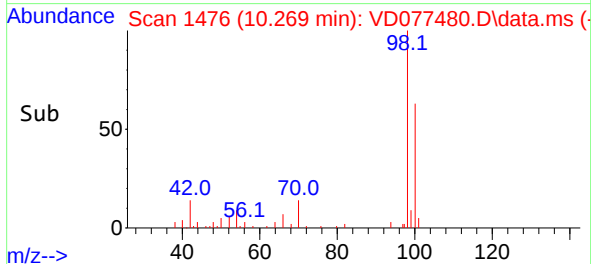
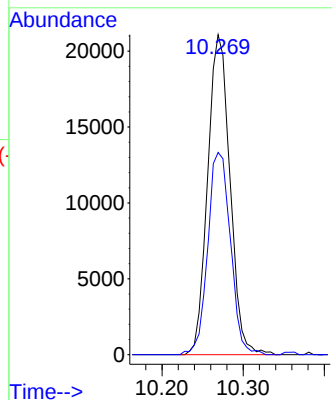
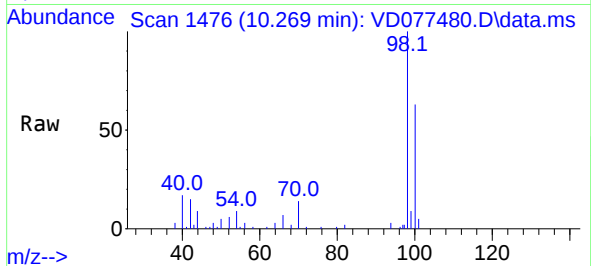




#50
Toluene-d8
Concen: 48.873 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077480.D
Acq: 01 Nov 2023 15:00

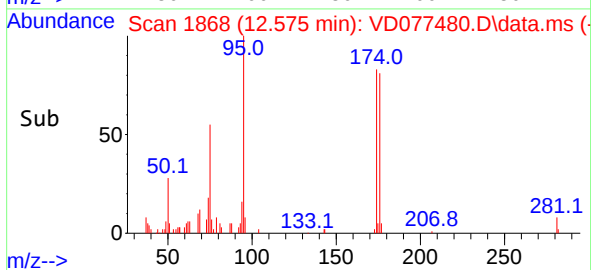
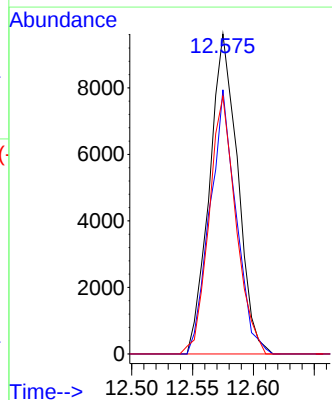
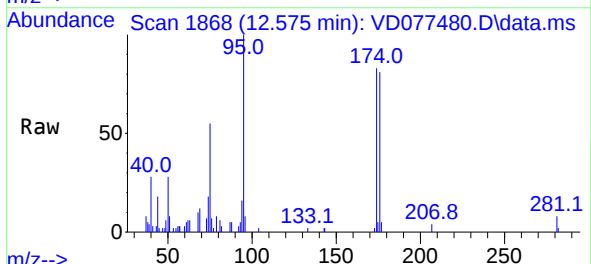
Instrument :
MSVOA_D
ClientSampleId :
SCF

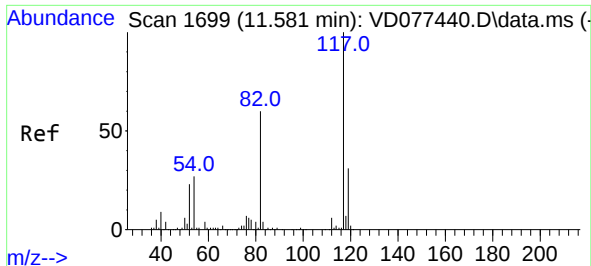
Tgt Ion: 98 Resp: 40245
Ion Ratio Lower Upper
98 100
100 64.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 55.970 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077480.D
Acq: 01 Nov 2023 15:00

Tgt Ion: 95 Resp: 15523
Ion Ratio Lower Upper
95 100
174 76.3 0.0 201.8
176 76.5 0.0 191.8

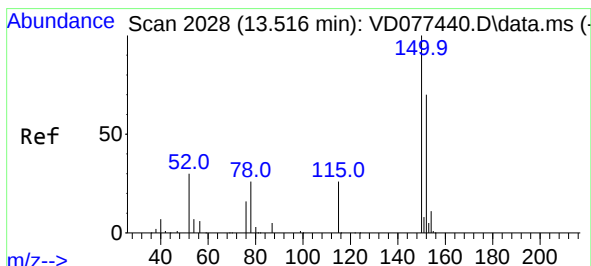
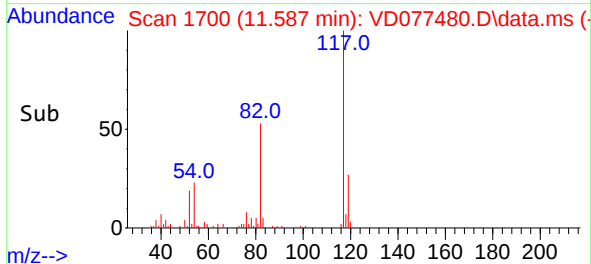
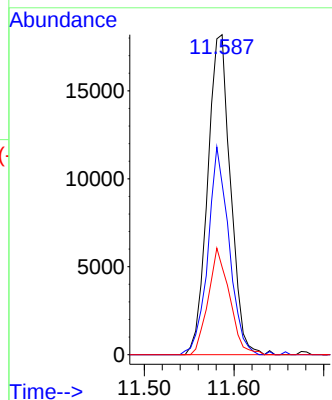
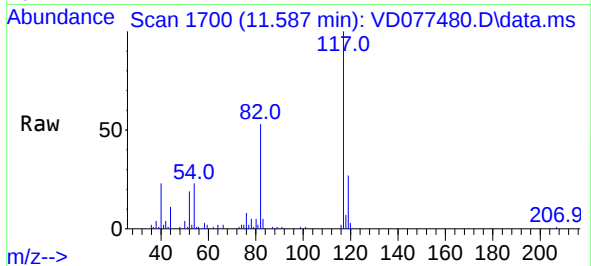




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077480.D
Acq: 01 Nov 2023 15:00

Instrument :
MSVOA_D
ClientSampleId :
SCF

Tgt Ion:	117	Resp:	32182
Ion	Ratio	Lower	Upper
117	100		
82	53.4	38.3	57.5
119	27.3	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: VD077480.D
Acq: 01 Nov 2023 15:00

Tgt Ion:	152	Resp:	15930
Ion	Ratio	Lower	Upper
152	100		
115	56.6	27.1	81.3
150	146.8	0.0	353.6

