

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110123\
 Data File : VD077476.D
 Acq On : 01 Nov 2023 13:11
 Operator : JC/SY
 Sample : 05141-01
 Misc : 5.06G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PE-1

Quant Time: Nov 02 00:54:37 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	270923	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	577536	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	573880	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	261379	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	186012	48.555	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.100%
35) Dibromofluoromethane	7.805	113	183022	45.851	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.700%
50) Toluene-d8	10.269	98	779236	50.258	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.520%
62) 4-Bromofluorobenzene	12.575	95	268140	51.347	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.700%

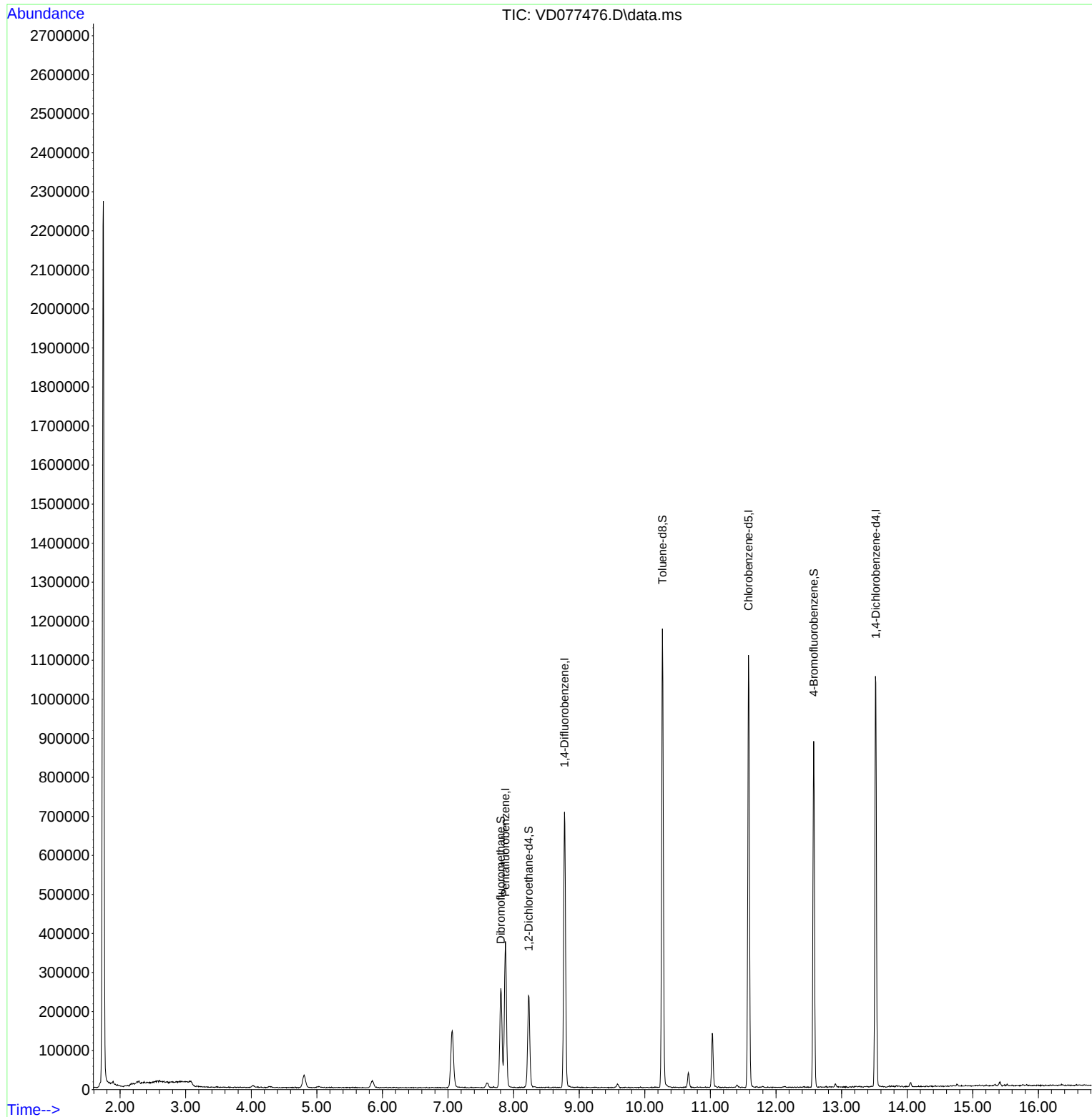
Target Compounds	Qvalue

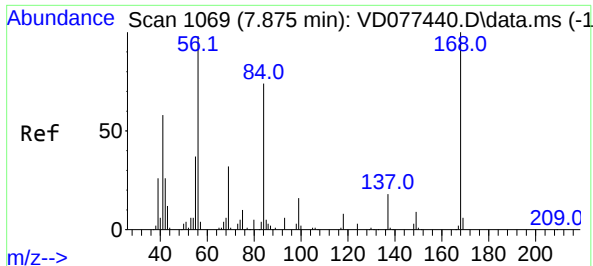
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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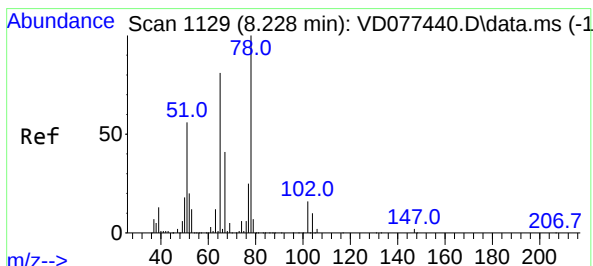
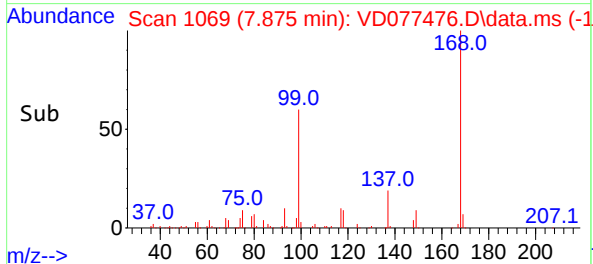
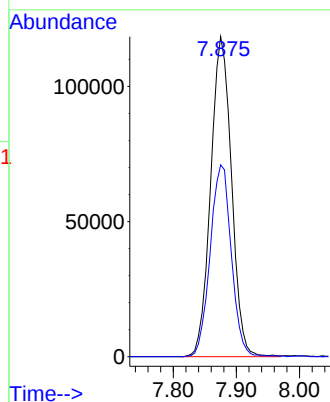
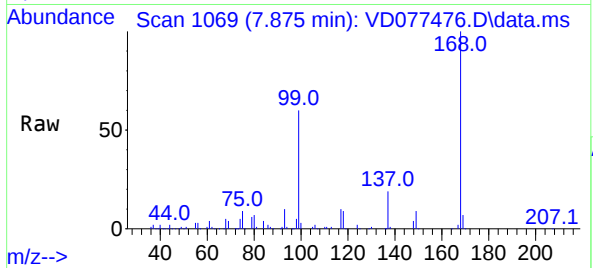




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077476.D
Acq: 01 Nov 2023 13:11

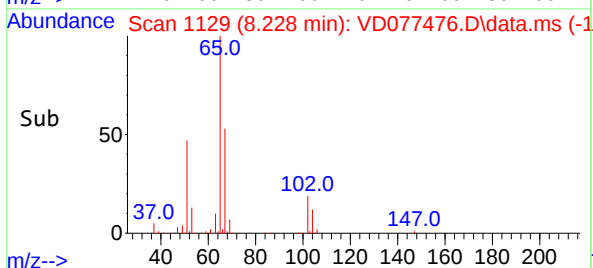
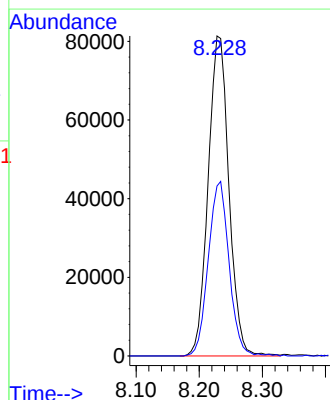
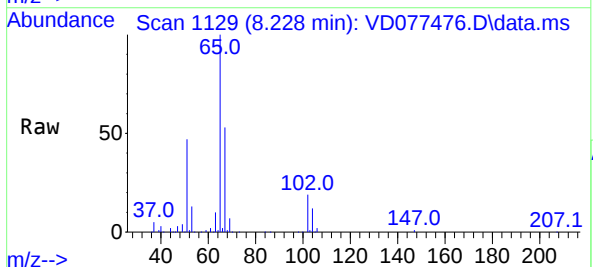
Instrument :
MSVOA_D
ClientSampleId :
PE-1

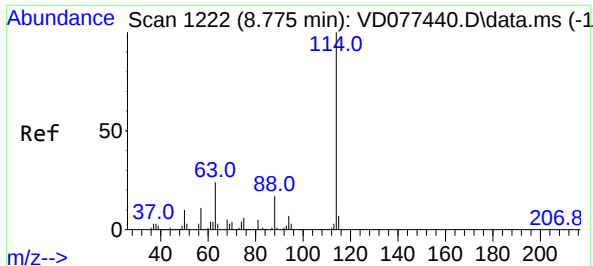
Tgt Ion:168 Resp: 270923
Ion Ratio Lower Upper
168 100
99 60.0 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 48.555 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077476.D
Acq: 01 Nov 2023 13:11

Tgt Ion: 65 Resp: 186012
Ion Ratio Lower Upper
65 100
67 54.5 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: VD077476.D

Acq: 01 Nov 2023 13:11

Instrument :

MSVOA_D

ClientSampleId :

PE-1

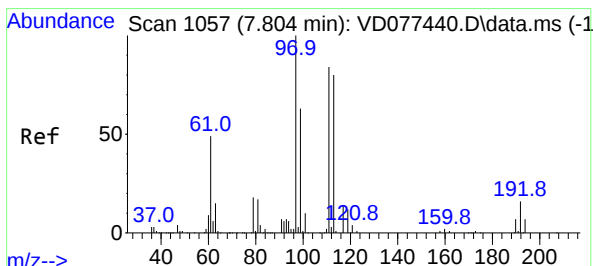
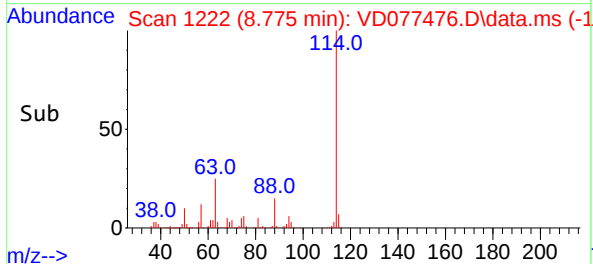
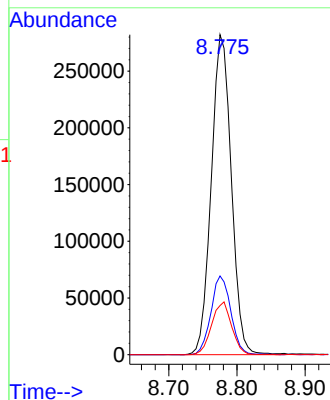
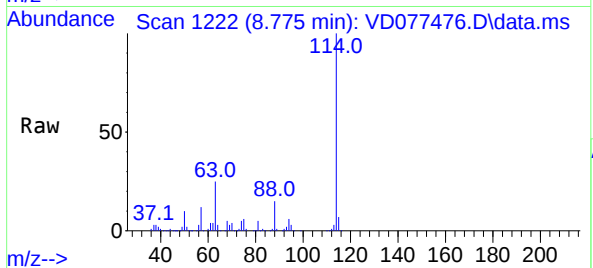
Tgt Ion:114 Resp: 577536

Ion Ratio Lower Upper

114 100

63 24.6 0.0 33.4

88 15.3 0.0 26.2



#35

Dibromofluoromethane

Concen: 45.851 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077476.D

Acq: 01 Nov 2023 13:11

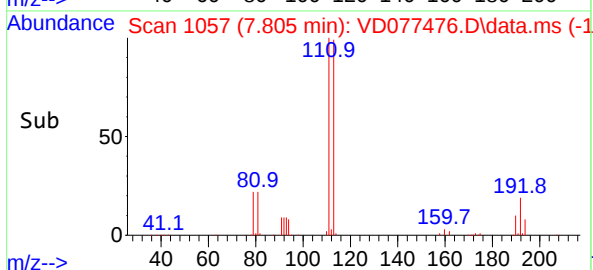
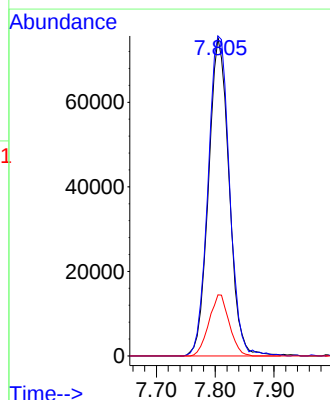
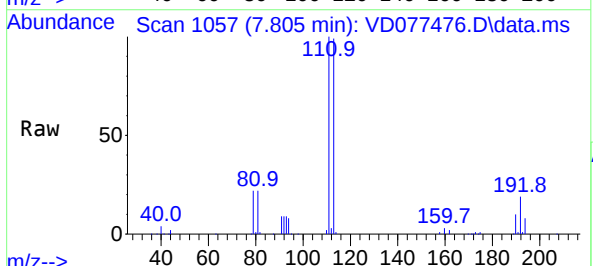
Tgt Ion:113 Resp: 183022

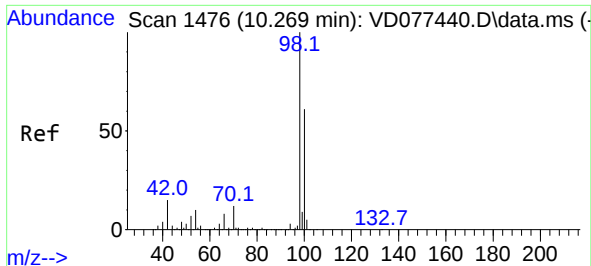
Ion Ratio Lower Upper

113 100

111 104.7 84.7 127.1

192 18.9 16.8 25.2

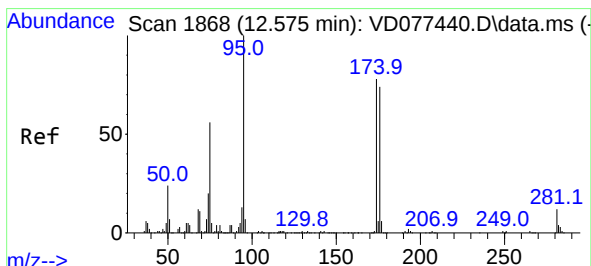
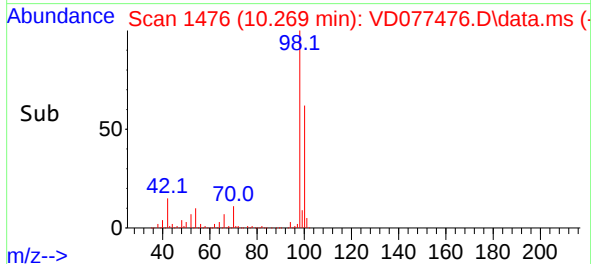
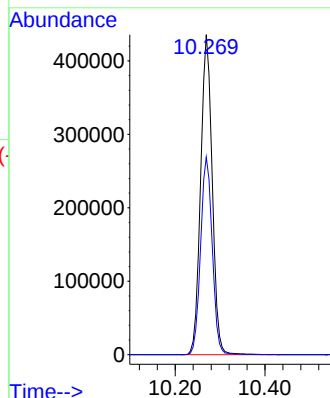
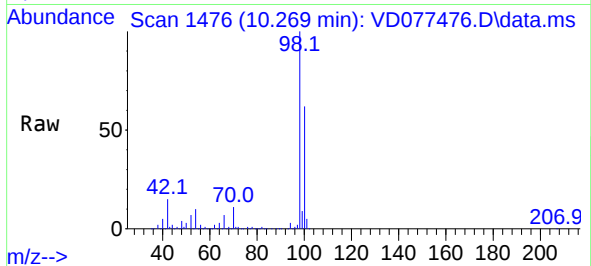




#50
Toluene-d8
Concen: 50.258 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077476.D
Acq: 01 Nov 2023 13:11

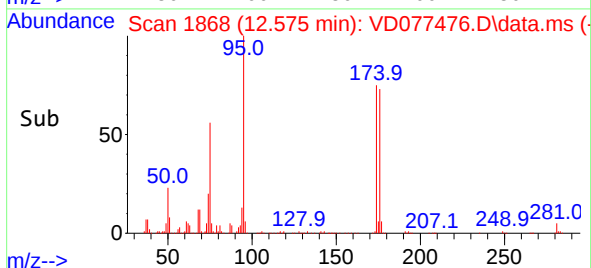
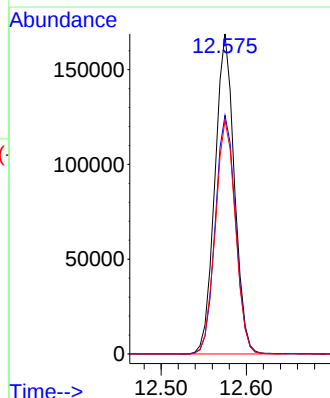
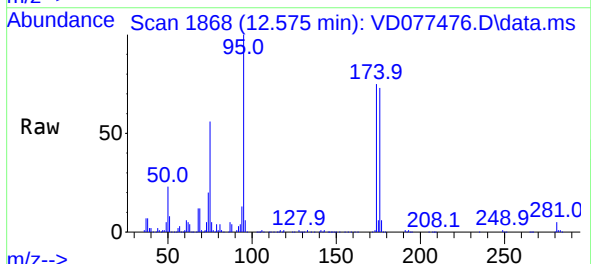
Instrument :
MSVOA_D
ClientSampleId :
PE-1

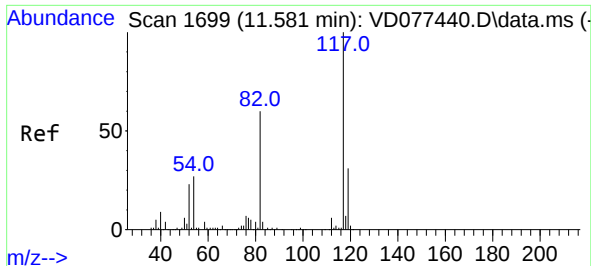
Tgt Ion: 98 Resp: 779236
Ion Ratio Lower Upper
98 100
100 62.2 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 51.347 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077476.D
Acq: 01 Nov 2023 13:11

Tgt Ion: 95 Resp: 268140
Ion Ratio Lower Upper
95 100
174 77.2 0.0 201.8
176 75.1 0.0 191.8

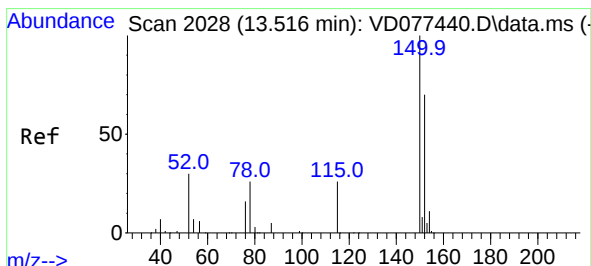
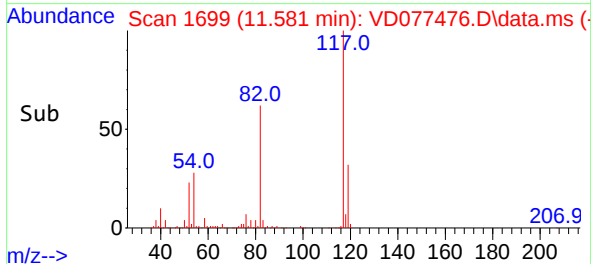
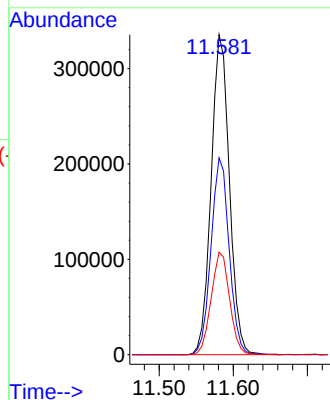
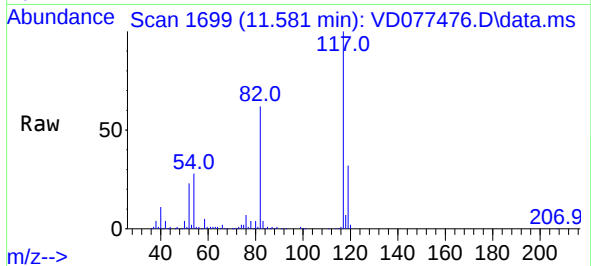




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077476.D
Acq: 01 Nov 2023 13:11

Instrument :
MSVOA_D
ClientSampleId :
PE-1

Tgt Ion:117 Resp: 573880
Ion Ratio Lower Upper
117 100
82 61.5 38.3 57.5#
119 32.1 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: VD077476.D
Acq: 01 Nov 2023 13:11

Tgt Ion:152 Resp: 261379
Ion Ratio Lower Upper
152 100
115 60.1 27.1 81.3
150 158.8 0.0 353.6

