

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121323\
 Data File : VD077862.D
 Acq On : 13 Dec 2023 15:11
 Operator : RP/MD
 Sample : 05760-01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CONCRETE-1

Quant Time: Dec 14 01:53:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	185753	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	335794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	301774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	134549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	78361	35.800	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	71.600%
35) Dibromofluoromethane	7.816	113	62963	26.769	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	53.540%#
50) Toluene-d8	10.269	98	426483	45.271	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.540%
62) 4-Bromofluorobenzene	12.575	95	112947	40.102	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.200%

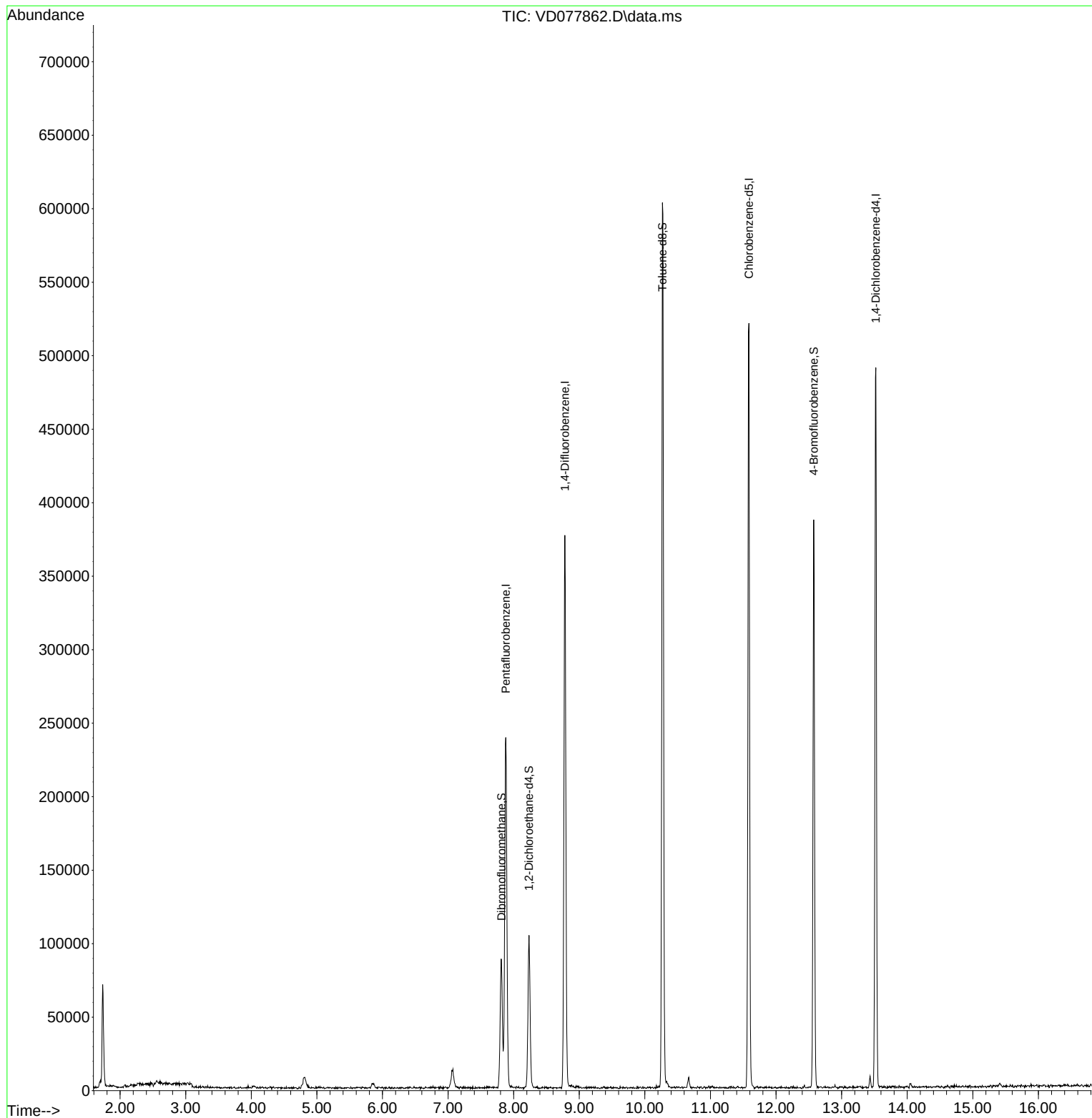
Target Compounds	Qvalue

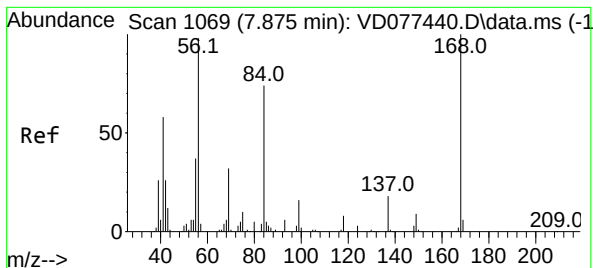
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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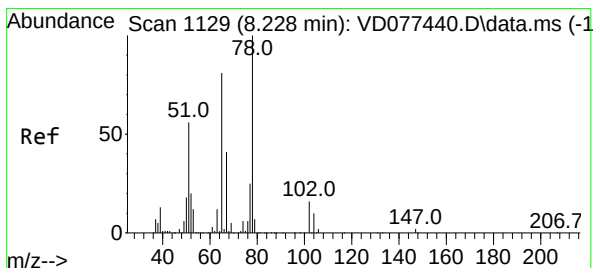
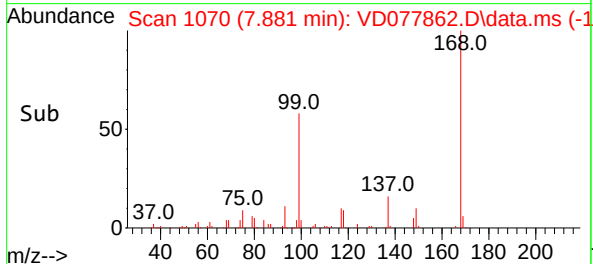
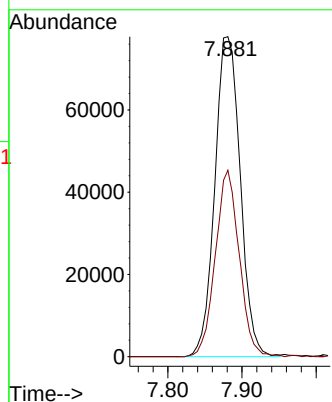
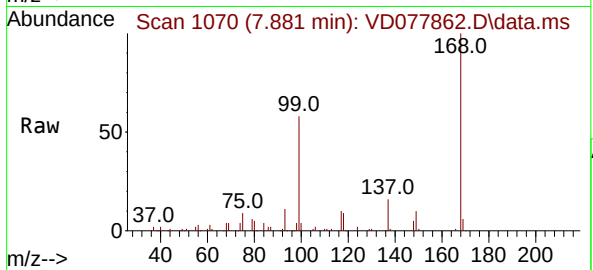




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VD077862.D
Acq: 13 Dec 2023 15:11

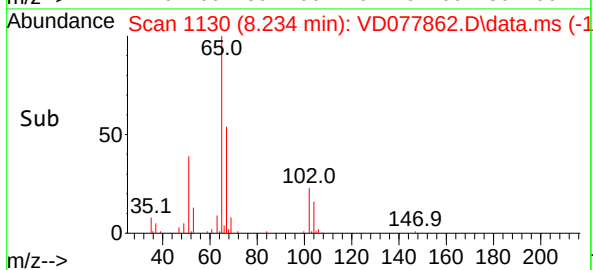
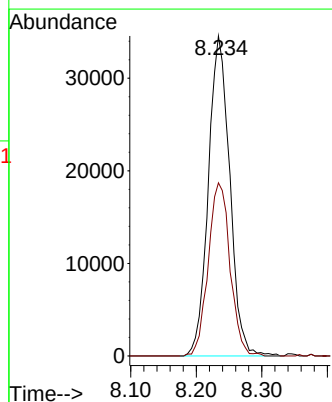
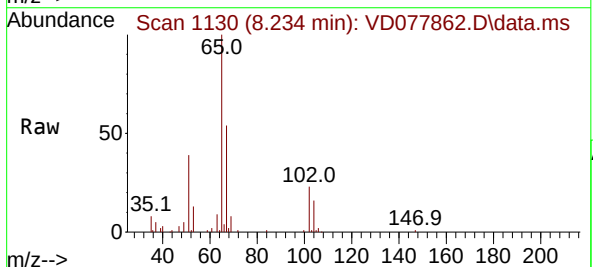
Instrument :
MSVOA_D
ClientSampleId :
CONCRETE-1

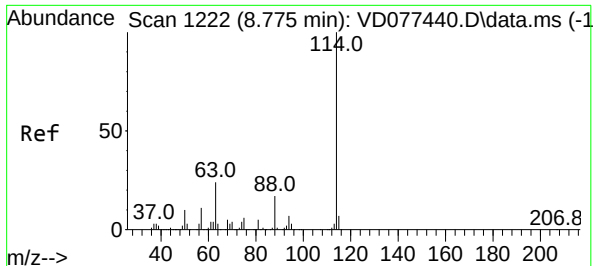
Tgt Ion:168 Resp: 185753
Ion Ratio Lower Upper
168 100
99 58.3 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 35.800 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077862.D
Acq: 13 Dec 2023 15:11

Tgt Ion: 65 Resp: 78361
Ion Ratio Lower Upper
65 100
67 55.1 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: VD077862.D

Acq: 13 Dec 2023 15:11

Instrument :

MSVOA_D

ClientSampleId :

CONCRETE-1

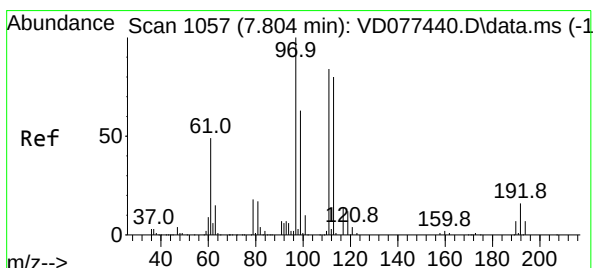
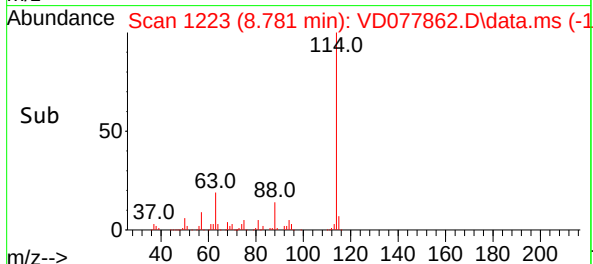
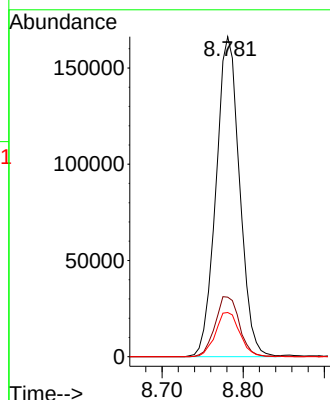
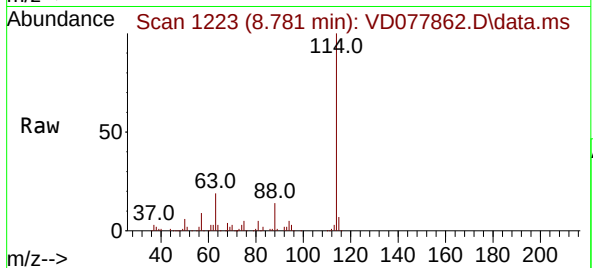
Tgt Ion:114 Resp: 335794

Ion Ratio Lower Upper

114 100

63 18.6 0.0 33.4

88 13.8 0.0 26.2



#35

Dibromofluoromethane

Concen: 26.769 ug/l

RT: 7.816 min Scan# 1059

Delta R.T. 0.012 min

Lab File: VD077862.D

Acq: 13 Dec 2023 15:11

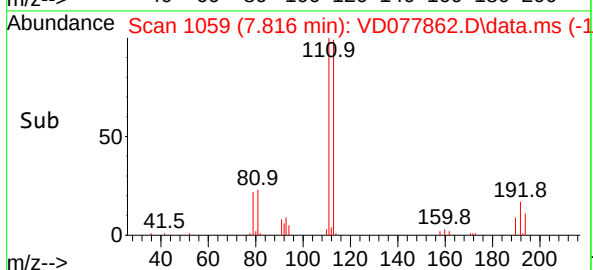
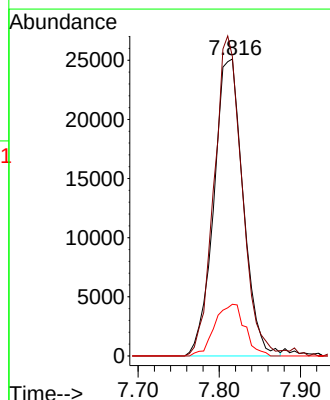
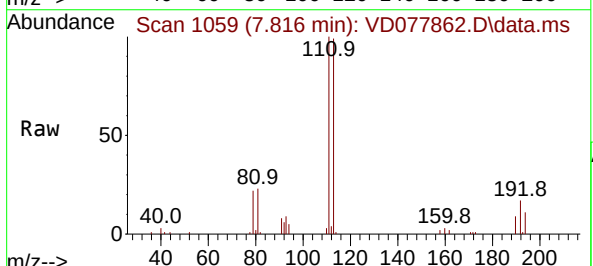
Tgt Ion:113 Resp: 62963

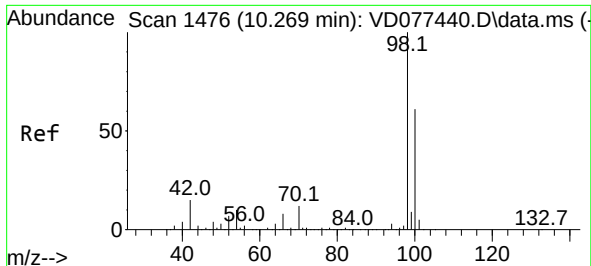
Ion Ratio Lower Upper

113 100

111 102.5 84.7 127.1

192 17.9 16.8 25.2

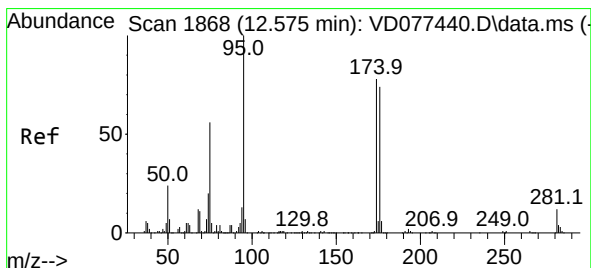
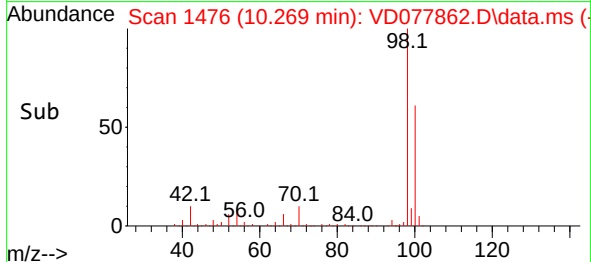
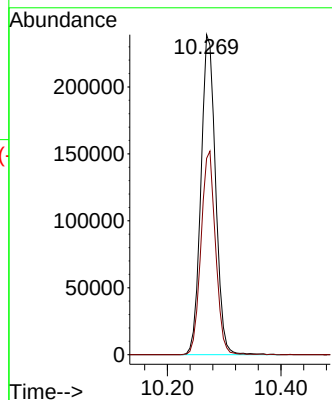
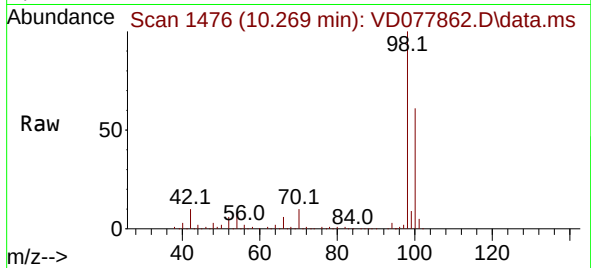




#50
Toluene-d8
Concen: 45.271 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077862.D
Acq: 13 Dec 2023 15:11

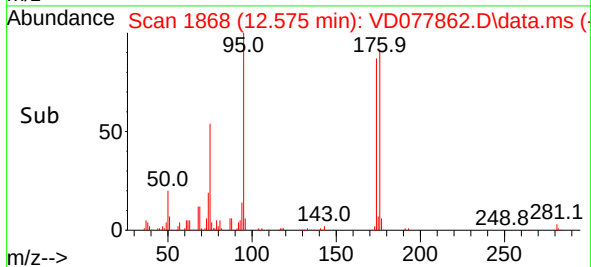
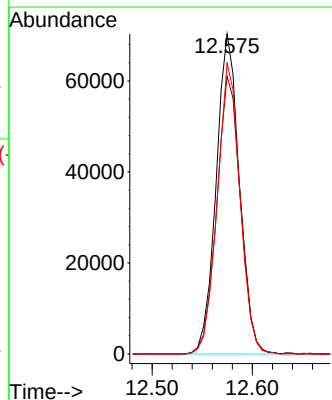
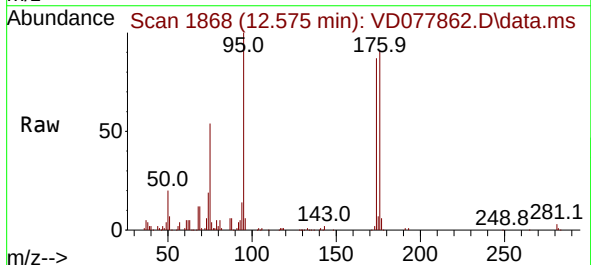
Instrument :
MSVOA_D
ClientSampleId :
CONCRETE-1

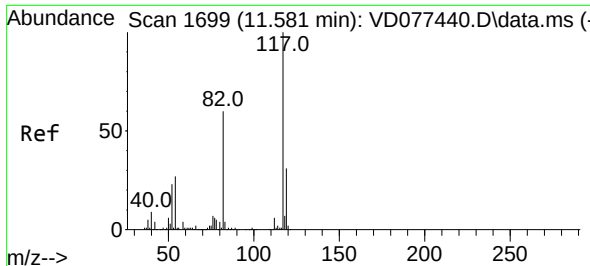
Tgt Ion: 98 Resp: 426483
Ion Ratio Lower Upper
98 100
100 63.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 40.102 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077862.D
Acq: 13 Dec 2023 15:11

Tgt Ion: 95 Resp: 112947
Ion Ratio Lower Upper
95 100
174 88.6 0.0 201.8
176 88.9 0.0 191.8

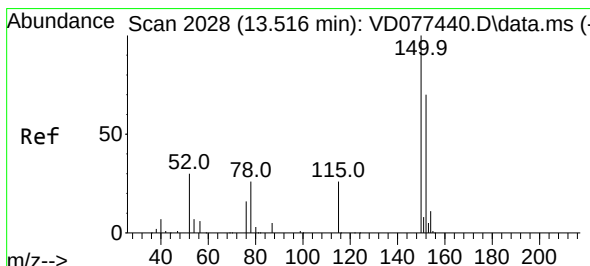
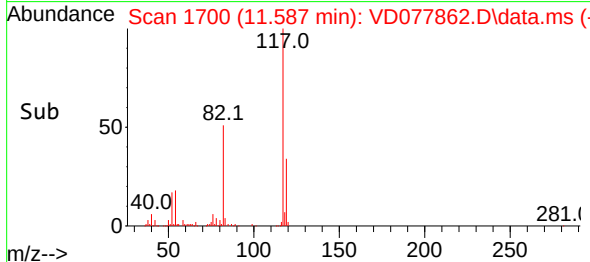
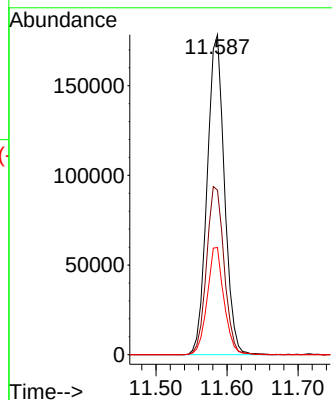
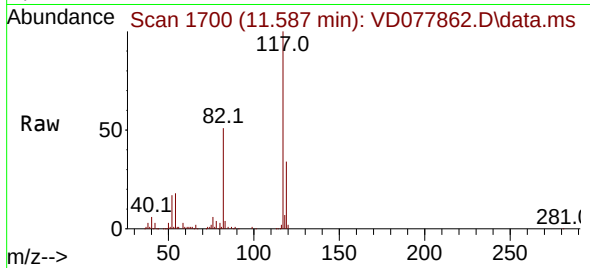




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077862.D
Acq: 13 Dec 2023 15:11

Instrument :
MSVOA_D
ClientSampleId :
CONCRETE-1

Tgt Ion:117 Resp: 301774
Ion Ratio Lower Upper
117 100
82 51.4 38.3 57.5
119 33.5 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: VD077862.D
Acq: 13 Dec 2023 15:11

Tgt Ion:152 Resp: 134549
Ion Ratio Lower Upper
152 100
115 55.5 27.1 81.3
150 155.0 0.0 353.6

