

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122023\
 Data File : VD077995.D
 Acq On : 20 Dec 2023 15:02
 Operator : RP/MD
 Sample : 05827-08RE
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-SB-08-15.5-16.5RE

Quant Time: Dec 21 05:24:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	161321	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	302597	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	285386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	121043	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	76883	40.445	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.880%
35) Dibromofluoromethane	7.804	113	89189	42.079	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.160%
50) Toluene-d8	10.269	98	386114	45.483	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.960%
62) 4-Bromofluorobenzene	12.575	95	104276	41.085	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.160%

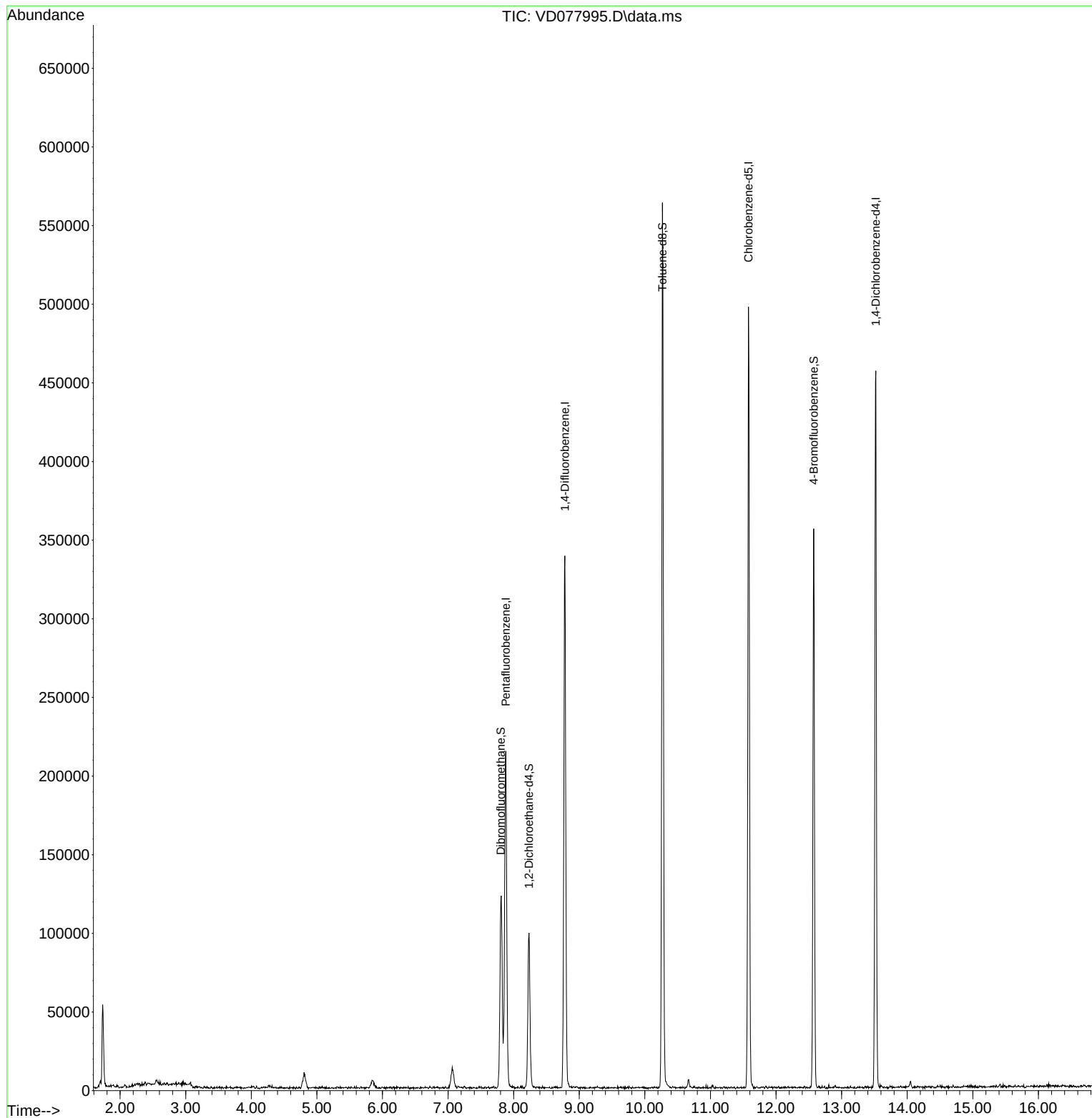
Target Compounds	Qvalue

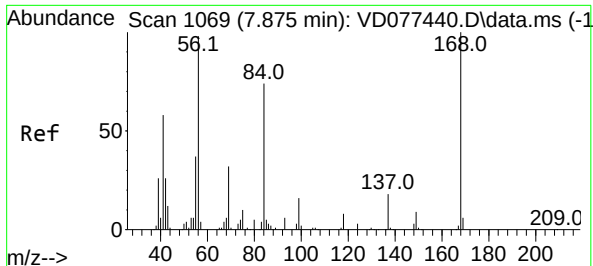
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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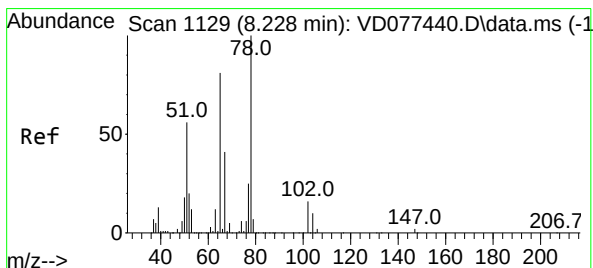
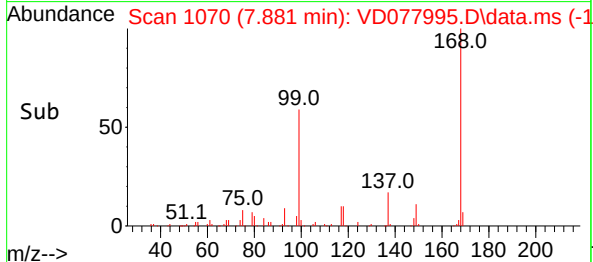
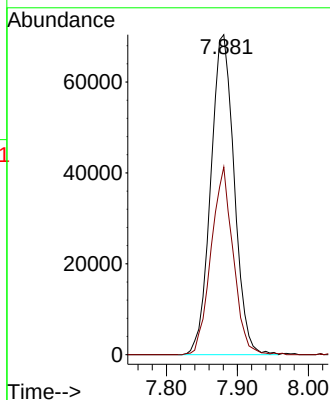
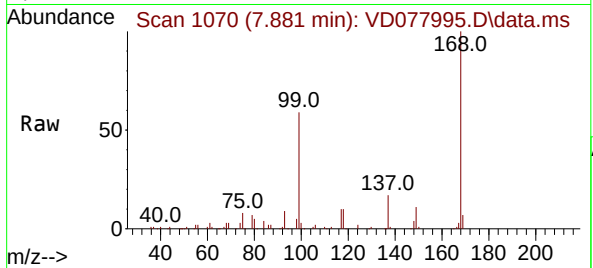




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD077995.D
Acq: 20 Dec 2023 15:02

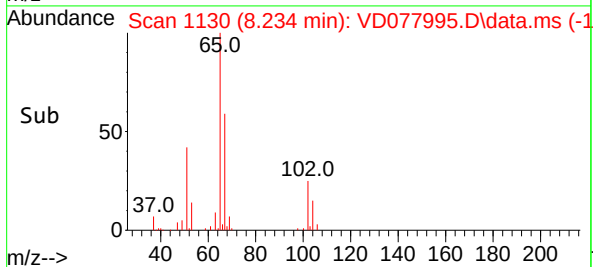
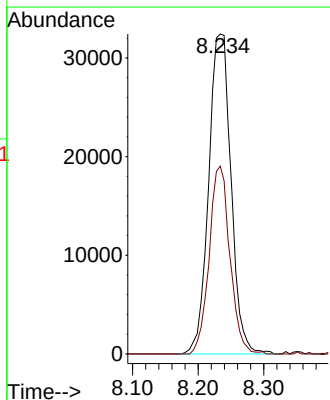
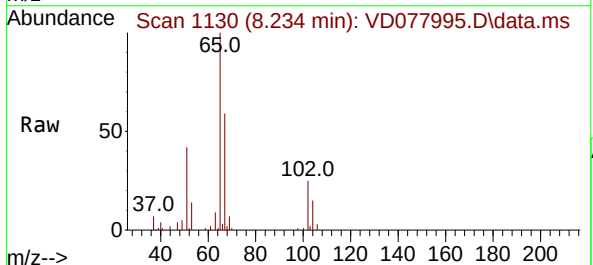
Instrument :
MSVOA_D
ClientSampleId :
RT-SB-08-15.5-16.5RE

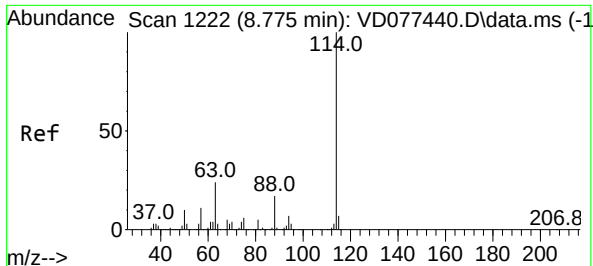
Tgt Ion:168 Resp: 161321
Ion Ratio Lower Upper
168 100
99 58.7 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 40.445 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077995.D
Acq: 20 Dec 2023 15:02

Tgt Ion: 65 Resp: 76883
Ion Ratio Lower Upper
65 100
67 54.3 0.0 115.0

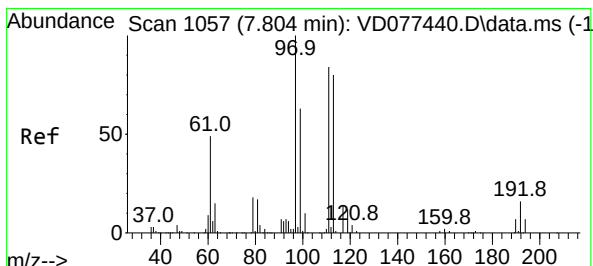
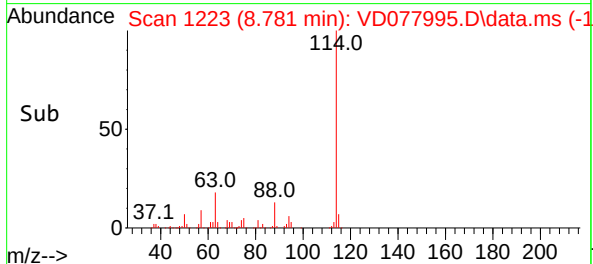
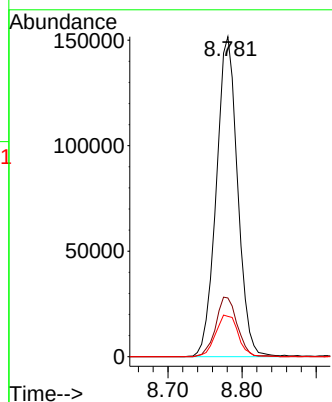
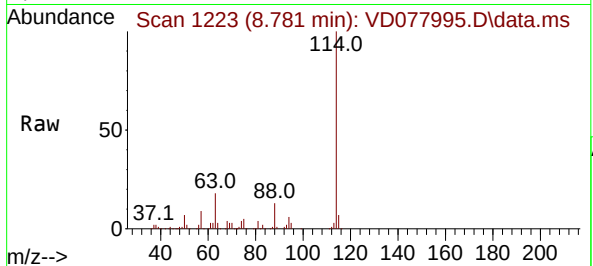




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 114
Delta R.T. 0.006 min
Lab File: VD077995.D
Acq: 20 Dec 2023 15:02

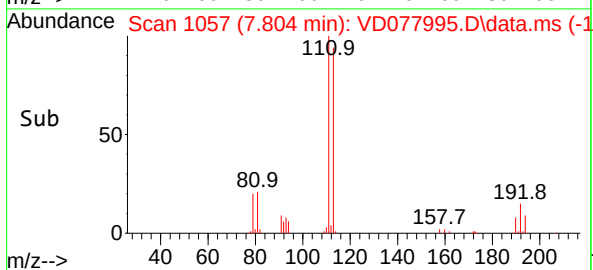
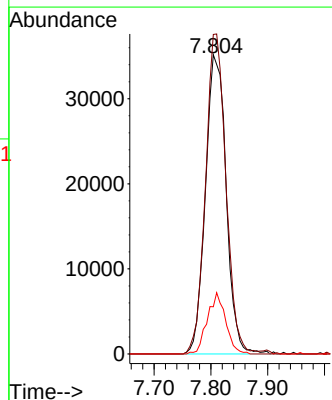
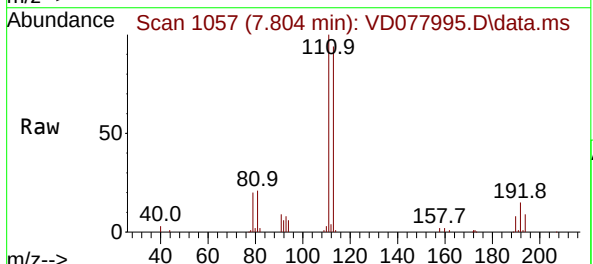
Instrument :
MSVOA_D
ClientSampleId :
RT-SB-08-15.5-16.5RE

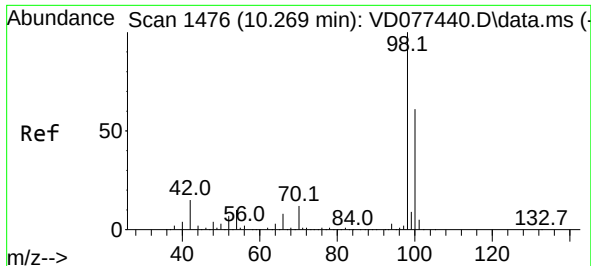
Tgt Ion:	114	Resp:	302597
Ion Ratio	Lower	Upper	
114	100		
63	18.3	0.0	33.4
88	12.6	0.0	26.2



#35
Dibromofluoromethane
Concen: 42.079 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077995.D
Acq: 20 Dec 2023 15:02

Tgt Ion:	113	Resp:	89189
Ion Ratio	Lower	Upper	
113	100		
111	105.1	84.7	127.1
192	18.1	16.8	25.2

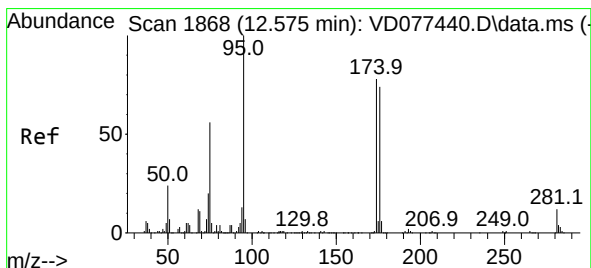
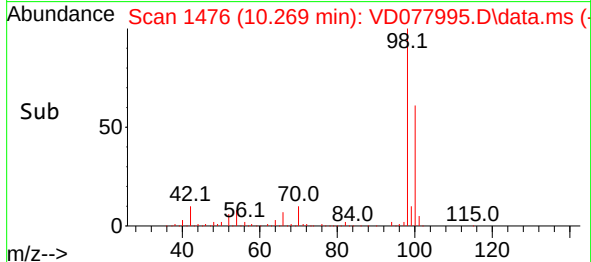
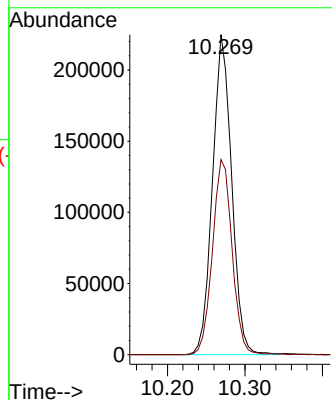
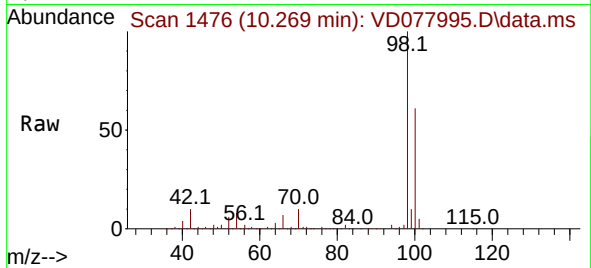




#50
Toluene-d8
Concen: 45.483 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077995.D
Acq: 20 Dec 2023 15:02

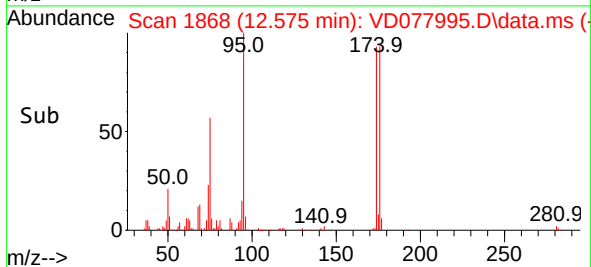
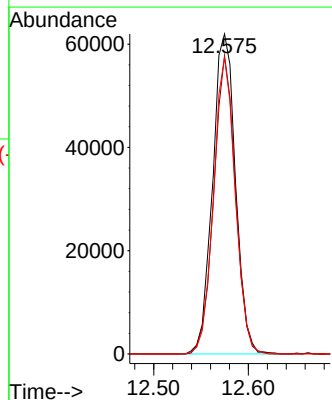
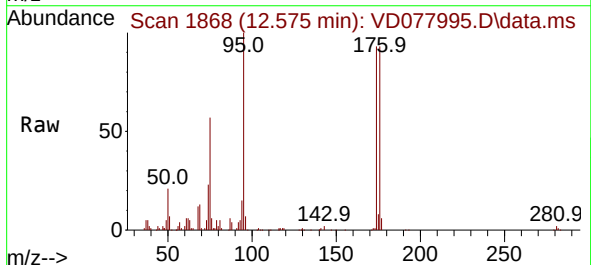
Instrument :
MSVOA_D
ClientSampleId :
RT-SB-08-15.5-16.5RE

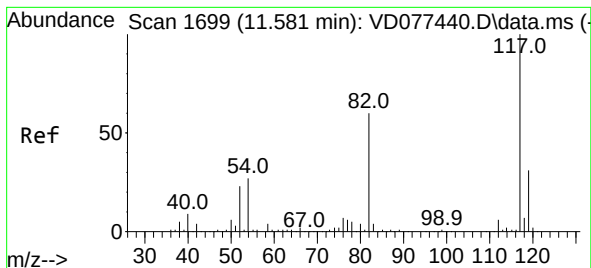
Tgt Ion: 98 Resp: 386114
Ion Ratio Lower Upper
98 100
100 62.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 41.085 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077995.D
Acq: 20 Dec 2023 15:02

Tgt Ion: 95 Resp: 104276
Ion Ratio Lower Upper
95 100
174 88.1 0.0 201.8
176 87.6 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD077995.D

Acq: 20 Dec 2023 15:02

Instrument :

MSVOA_D

ClientSampleId :

RT-SB-08-15.5-16.5RE

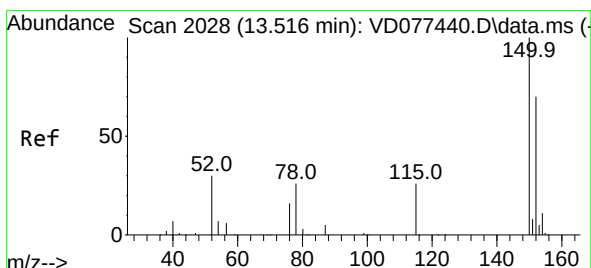
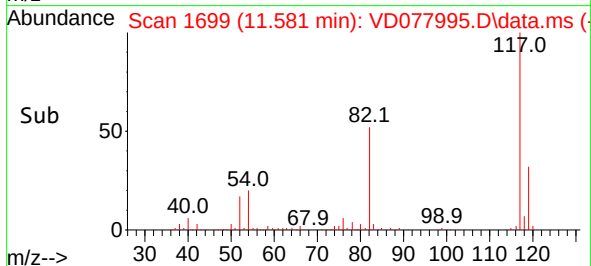
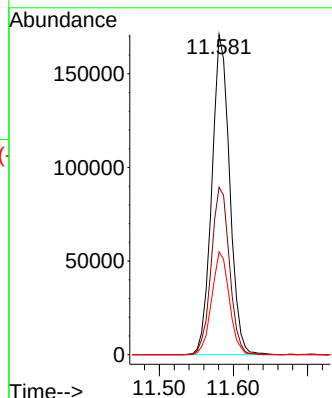
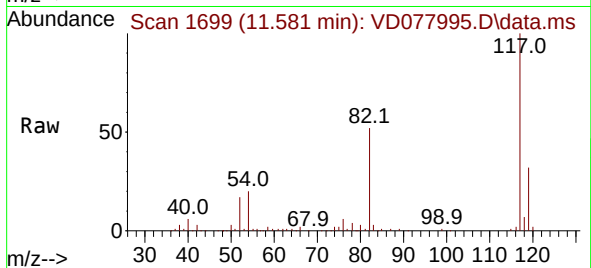
Tgt Ion:117 Resp: 285386

Ion Ratio Lower Upper

117 100

82 52.3 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: VD077995.D

Acq: 20 Dec 2023 15:02

Tgt Ion:152 Resp: 121043

Ion Ratio Lower Upper

152 100

115 56.7 27.1 81.3

150 159.2 0.0 353.6

