

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122223\
 Data File : VD078066.D
 Acq On : 22 Dec 2023 16:13
 Operator : RP/MD
 Sample : 05879-04
 Misc : 4.70G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COLZ9

Quant Time: Dec 23 03:38:21 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)

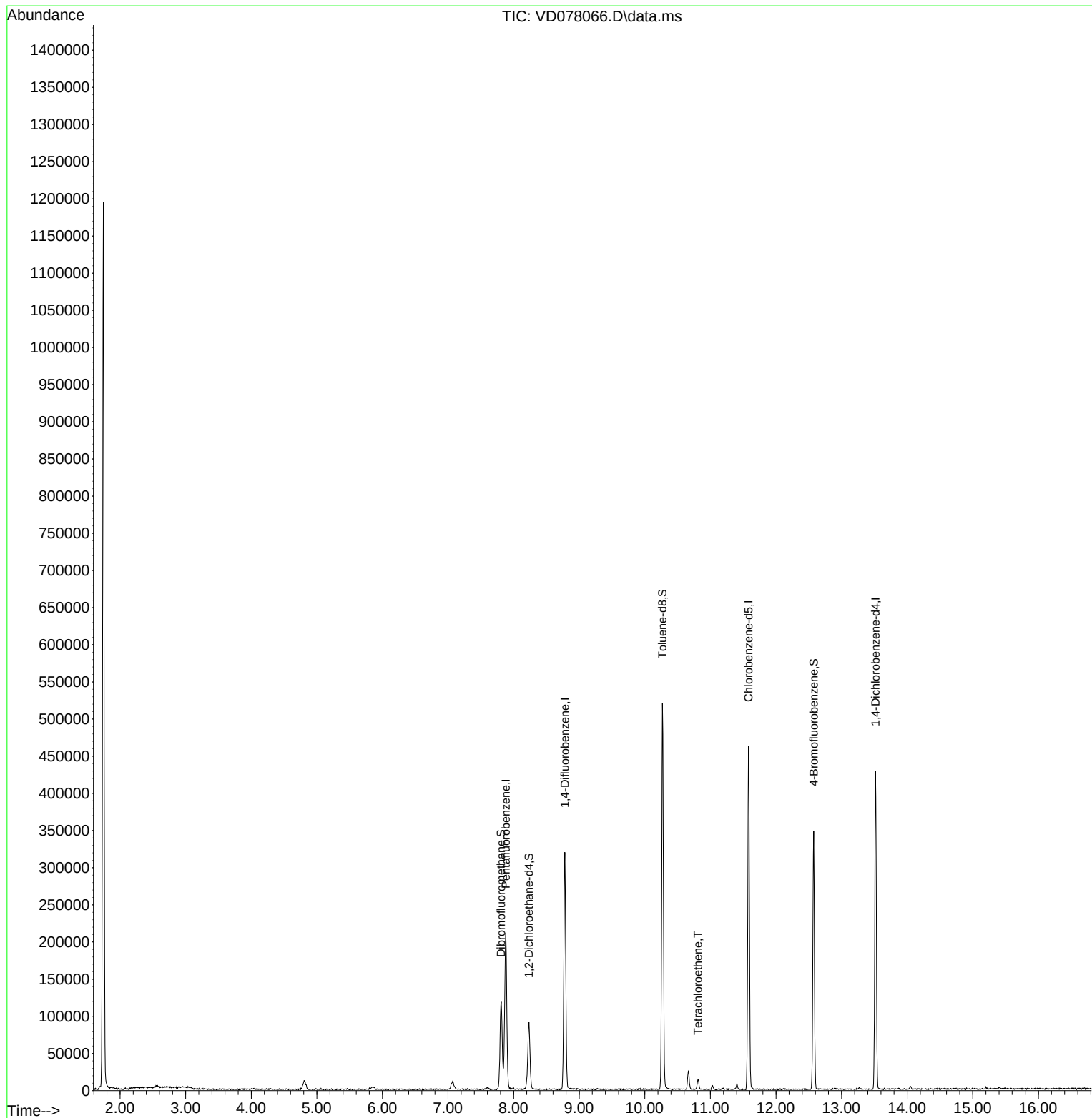
Internal Standards						
1) Pentafluorobenzene	7.881	168	161974	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	282040	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	271637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	115283	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	69297	36.307	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	72.620%
35) Dibromofluoromethane	7.811	113	84842	42.945	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.900%
50) Toluene-d8	10.269	98	360419	45.550	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.100%
62) 4-Bromofluorobenzene	12.575	95	98347	41.573	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.140%
Target Compounds						
64) Tetrachloroethene	10.810	164	3065	1.535	ug/l	Qvalue # 80

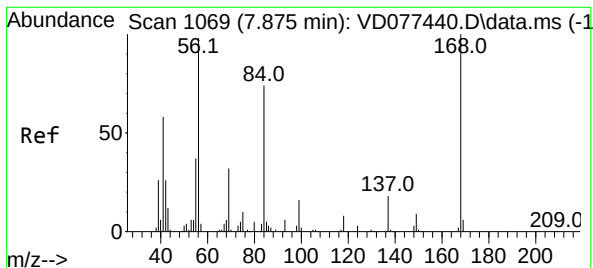
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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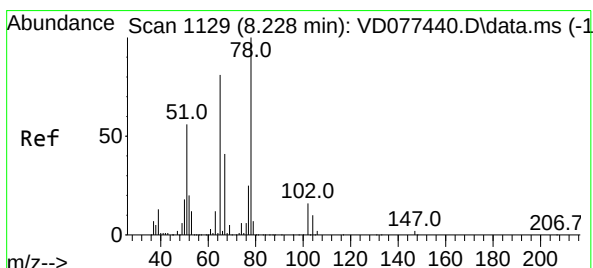
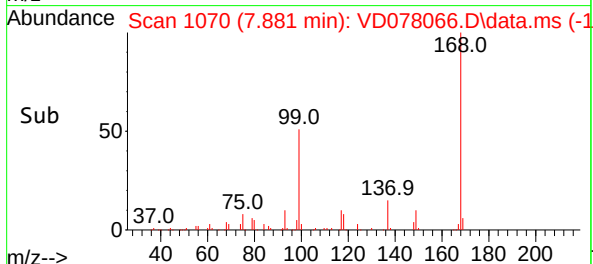
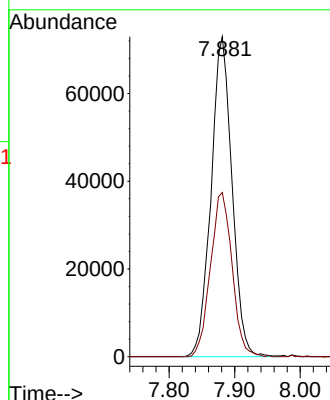
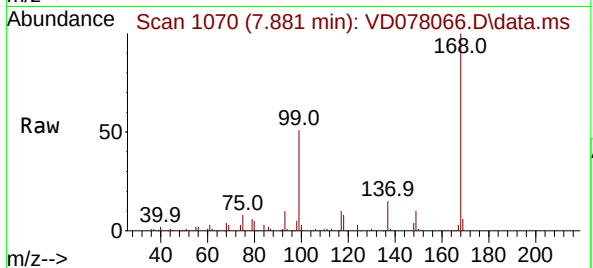




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD078066.D
Acq: 22 Dec 2023 16:13

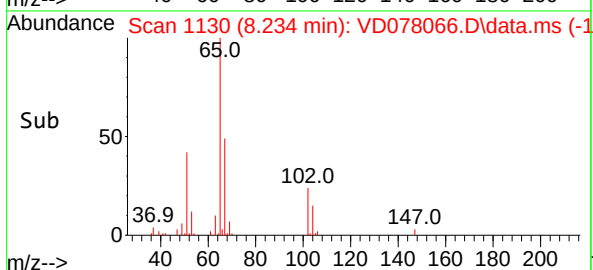
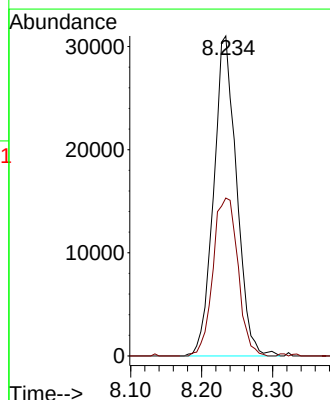
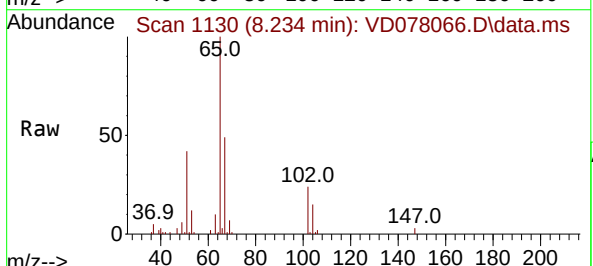
Instrument :
MSVOA_D
ClientSampleId :
COLZ9

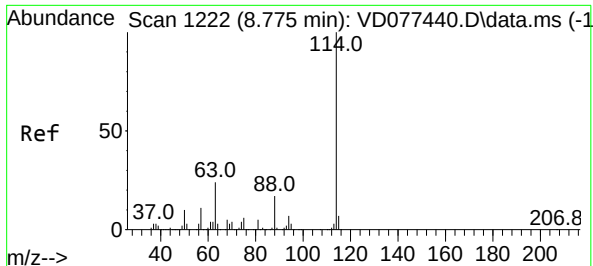
Tgt Ion:168 Resp: 161974
Ion Ratio Lower Upper
168 100
99 51.3 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 36.307 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD078066.D
Acq: 22 Dec 2023 16:13

Tgt Ion: 65 Resp: 69297
Ion Ratio Lower Upper
65 100
67 53.8 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: VD078066.D

Acq: 22 Dec 2023 16:13

Instrument :

MSVOA_D

ClientSampleId :

C0LZ9

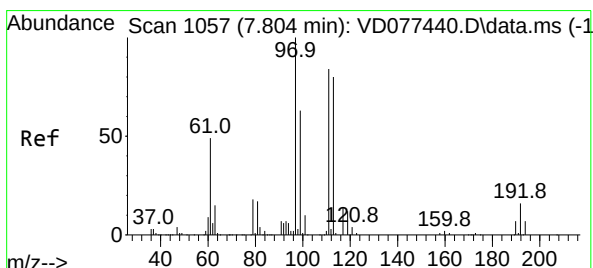
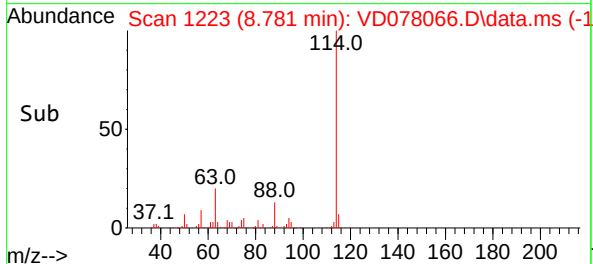
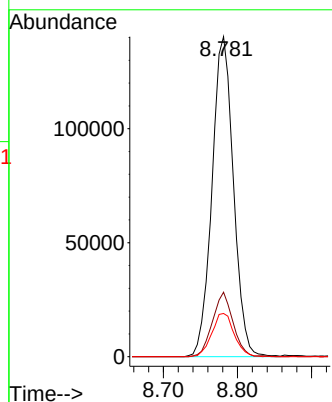
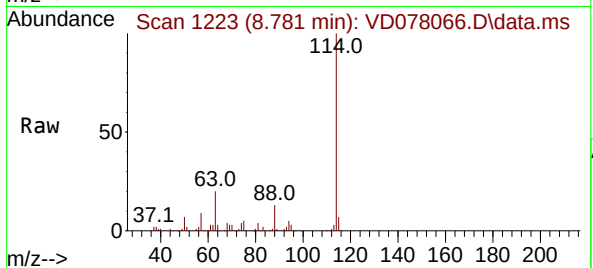
Tgt Ion:114 Resp: 282040

Ion Ratio Lower Upper

114 100

63 20.2 0.0 33.4

88 13.5 0.0 26.2



#35

Dibromofluoromethane

Concen: 42.945 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.007 min

Lab File: VD078066.D

Acq: 22 Dec 2023 16:13

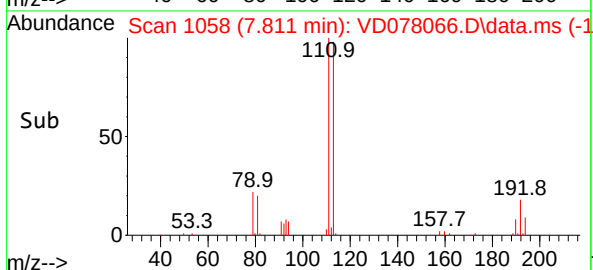
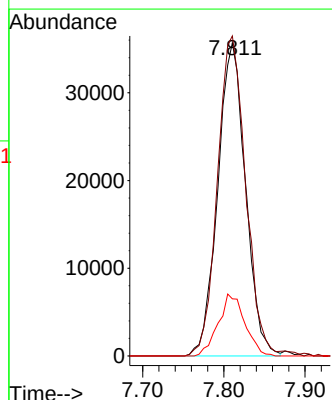
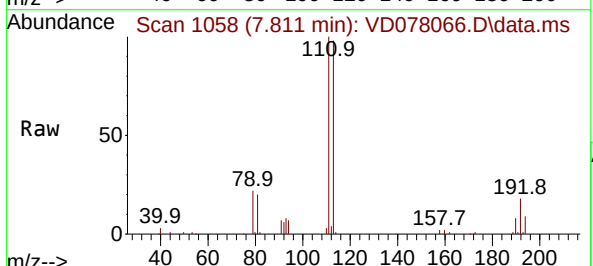
Tgt Ion:113 Resp: 84842

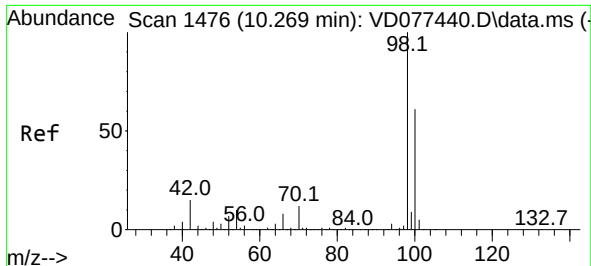
Ion Ratio Lower Upper

113 100

111 104.6 84.7 127.1

192 18.9 16.8 25.2

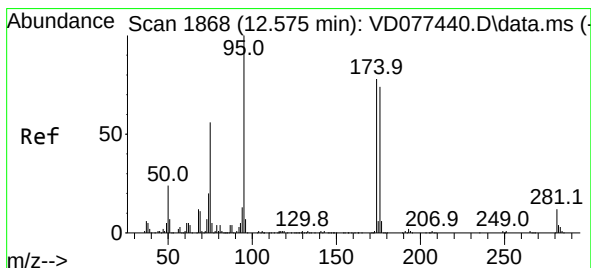
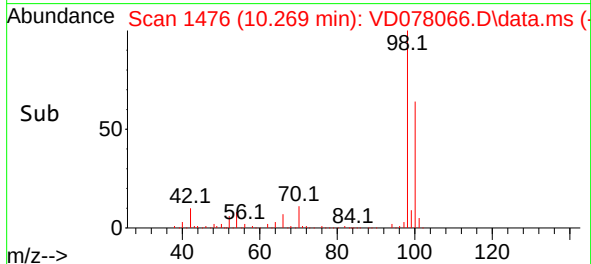
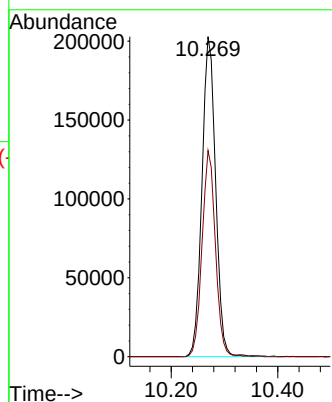
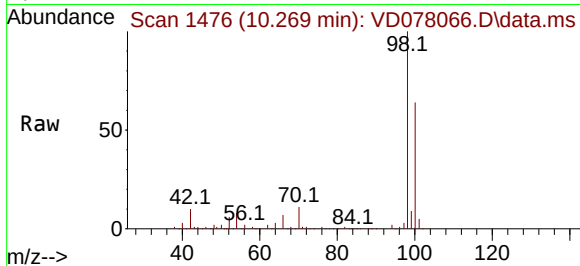




#50
Toluene-d8
Concen: 45.550 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078066.D
Acq: 22 Dec 2023 16:13

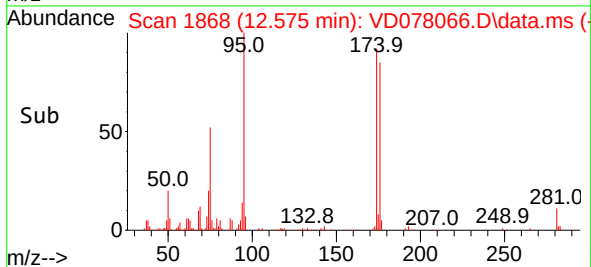
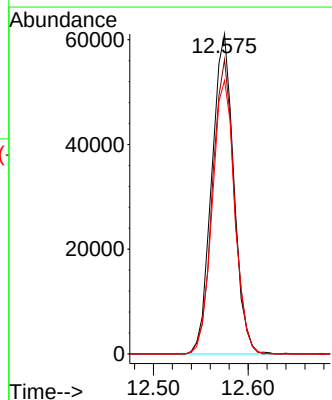
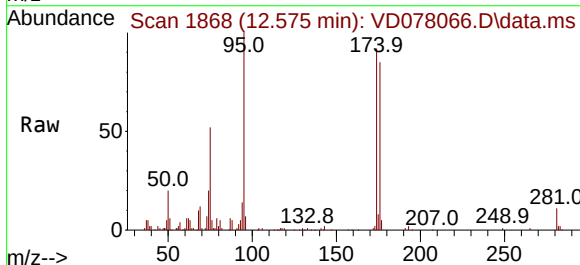
Instrument :
MSVOA_D
ClientSampleId :
COLZ9

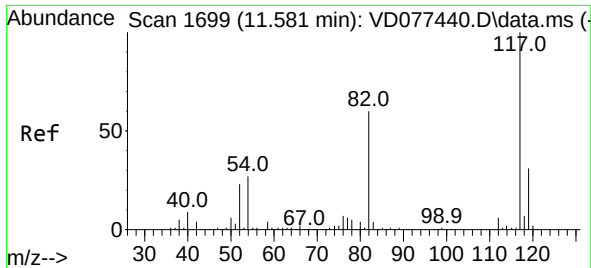
Tgt Ion: 98 Resp: 360419
Ion Ratio Lower Upper
98 100
100 63.0 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 41.573 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078066.D
Acq: 22 Dec 2023 16:13

Tgt Ion: 95 Resp: 98347
Ion Ratio Lower Upper
95 100
174 91.2 0.0 201.8
176 87.3 0.0 191.8

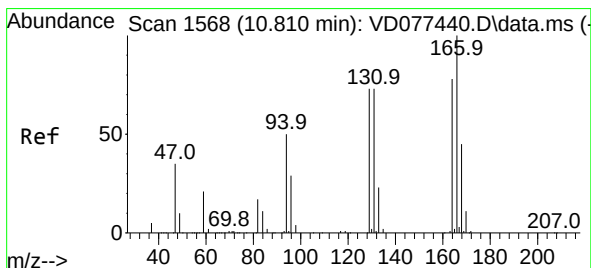
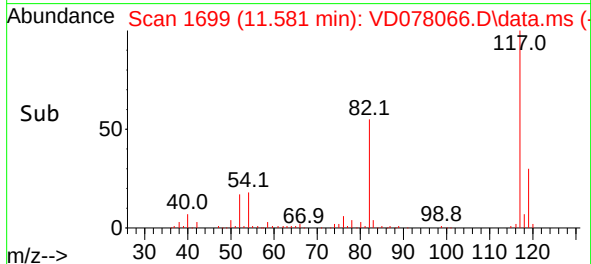
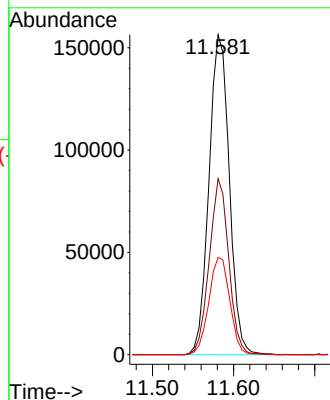
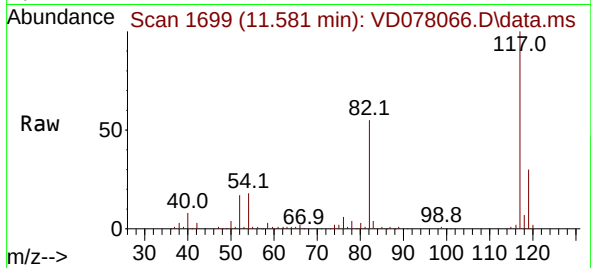




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078066.D
Acq: 22 Dec 2023 16:13

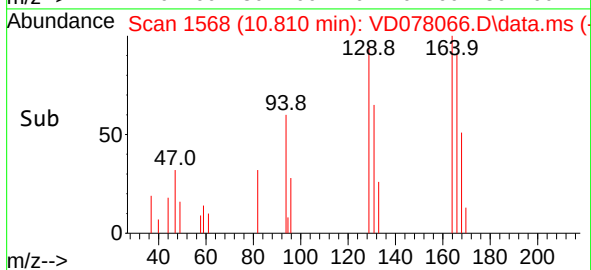
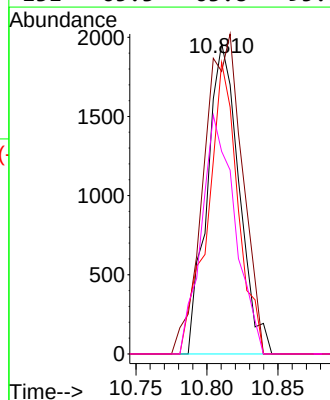
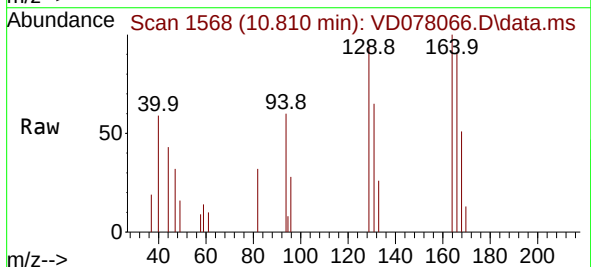
Instrument :
MSVOA_D
ClientSampleId :
COLZ9

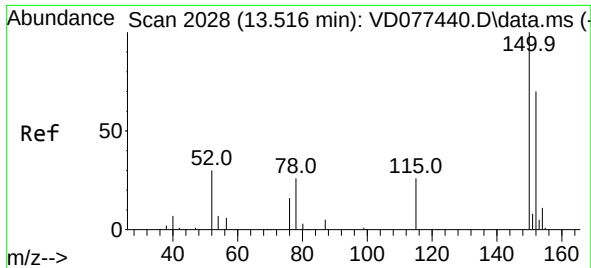
Tgt Ion:117 Resp: 271637
Ion Ratio Lower Upper
117 100
82 55.0 38.3 57.5
119 30.5 25.0 37.4



#64
Tetrachloroethene
Concen: 1.535 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078066.D
Acq: 22 Dec 2023 16:13

Tgt Ion:164 Resp: 3065
Ion Ratio Lower Upper
164 100
166 91.1 99.2 148.8#
129 93.9 68.4 102.6
131 65.3 63.8 95.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD078066.D
 Acq: 22 Dec 2023 16:13

Instrument :
 MSVOA_D
 ClientSampleId :
 COLZ9

Tgt Ion:152 Resp: 115283
 Ion Ratio Lower Upper
 152 100
 115 56.7 27.1 81.3
 150 159.5 0.0 353.6

