

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041223\
 Data File : VD075642.D
 Acq On : 12 Apr 2023 16:17
 Operator : KP/SY
 Sample : 02260-15RE
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1ERE

Quant Time: Apr 13 07:28:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 12 10:29:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	22210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	47152	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	48962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	20706	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	21572	118.397	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	236.800%#
35) Dibromofluoromethane	7.799	113	21808	78.918	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	157.840%#
50) Toluene-d8	10.269	98	54644	50.414	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.820%
62) 4-Bromofluorobenzene	12.575	95	16644	52.196	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.400%

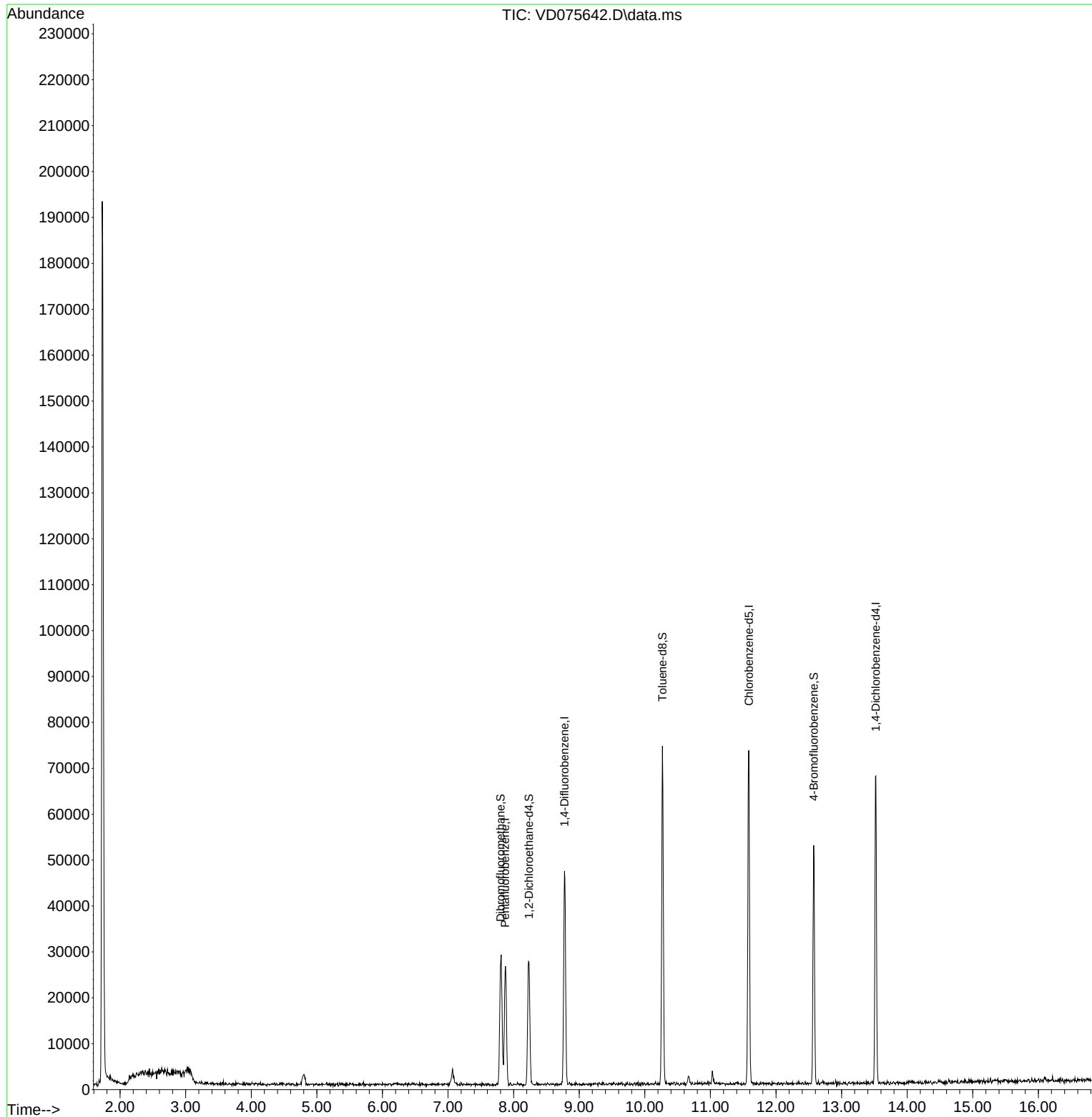
Target Compounds	Qvalue

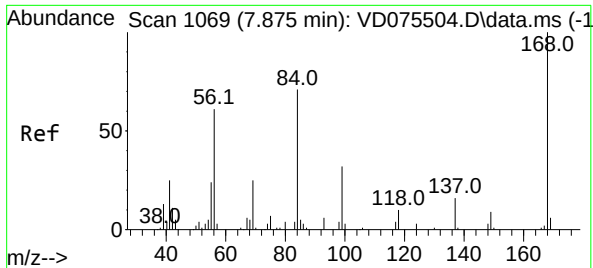
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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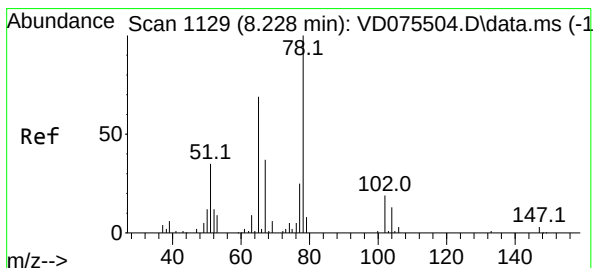
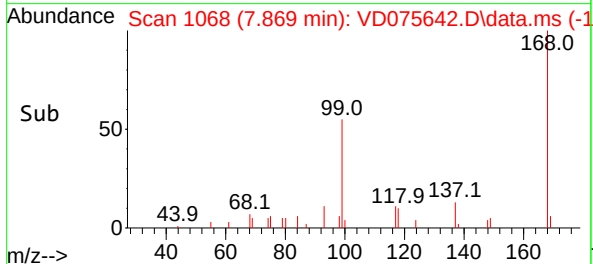
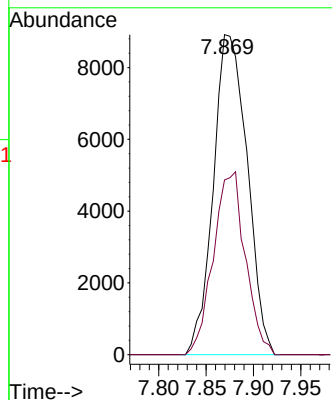
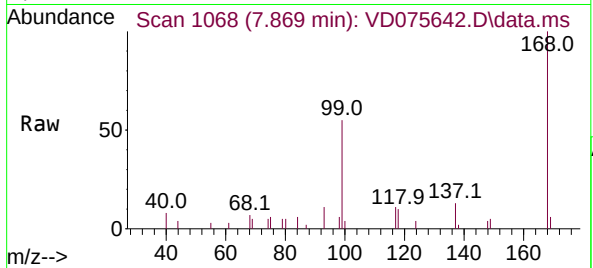




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 110
Delta R.T. -0.006 min
Lab File: VD075642.D
Acq: 12 Apr 2023 16:17

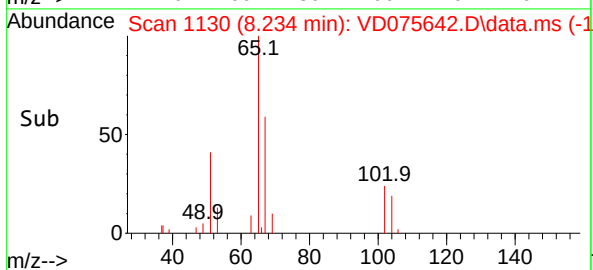
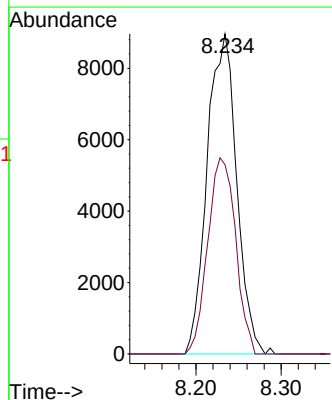
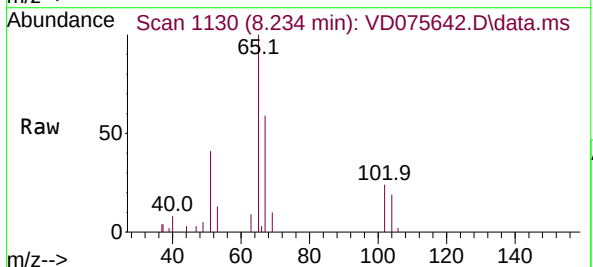
Instrument :
MSVOA_D
ClientSampleId :
SP-1ERE

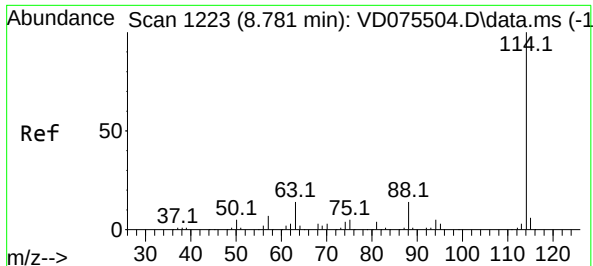
Tgt Ion:168 Resp: 22210
Ion Ratio Lower Upper
168 100
99 54.6 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 118.397 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075642.D
Acq: 12 Apr 2023 16:17

Tgt Ion: 65 Resp: 21572
Ion Ratio Lower Upper
65 100
67 57.9 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD075642.D

Acq: 12 Apr 2023 16:17

Instrument :

MSVOA_D

ClientSampleId :

SP-1ERE

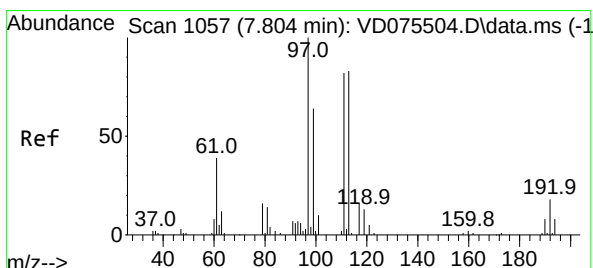
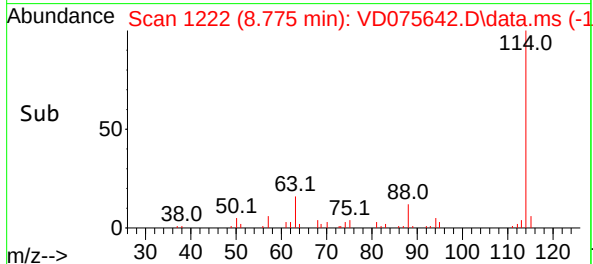
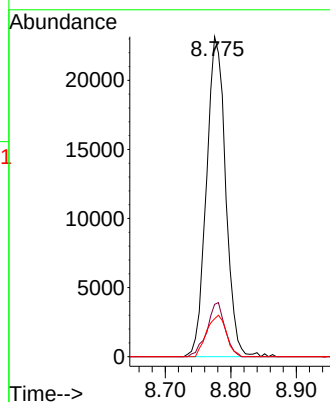
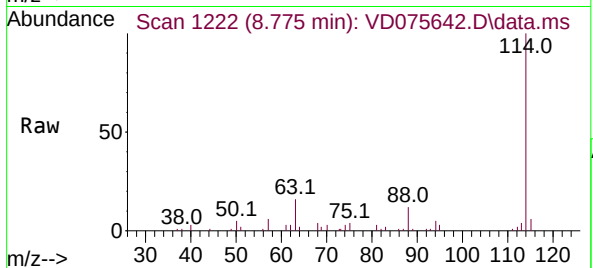
Tgt Ion:114 Resp: 47152

Ion Ratio Lower Upper

114 100

63 16.3 0.0 41.6

88 11.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 78.918 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD075642.D

Acq: 12 Apr 2023 16:17

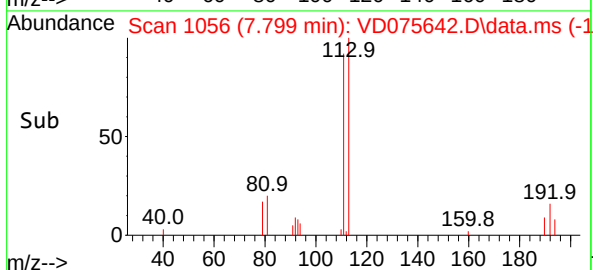
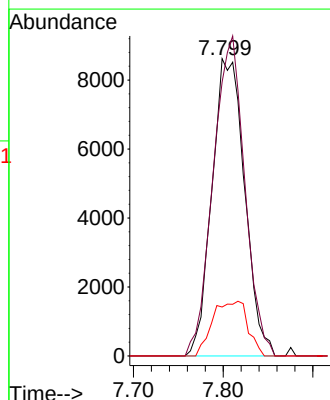
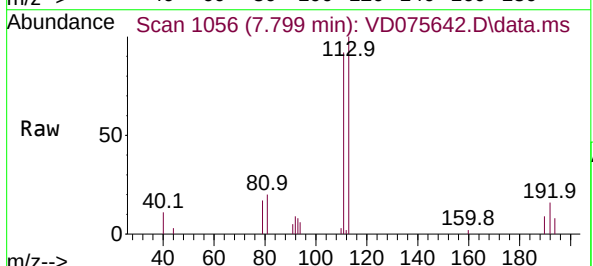
Tgt Ion:113 Resp: 21808

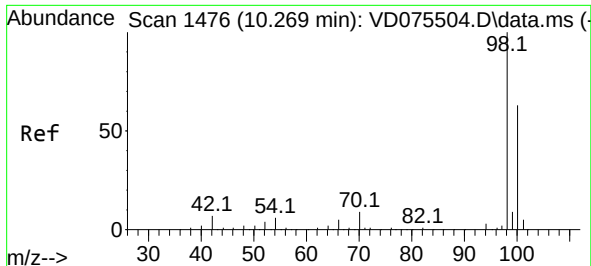
Ion Ratio Lower Upper

113 100

111 103.8 81.4 122.0

192 19.7 15.2 22.8

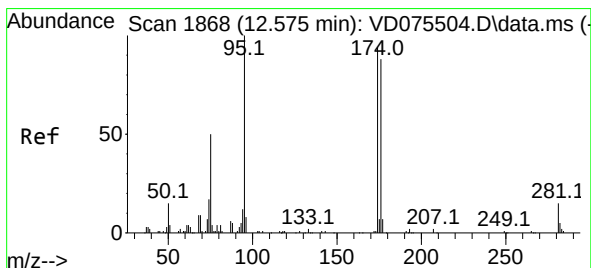
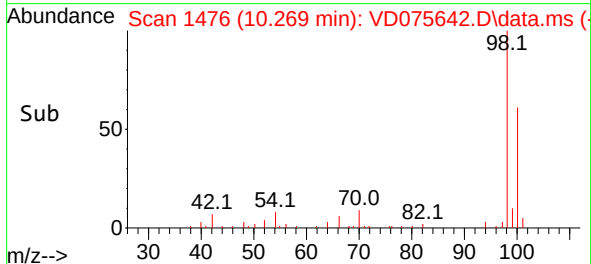
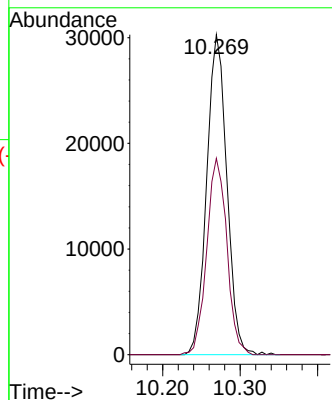
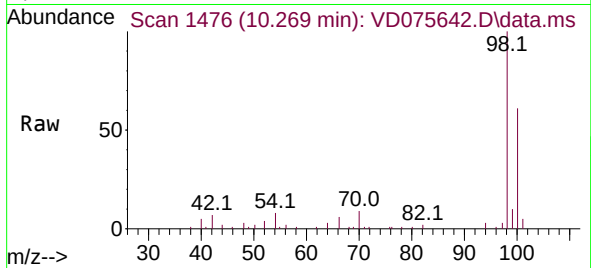




#50
Toluene-d8
Concen: 50.414 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075642.D
Acq: 12 Apr 2023 16:17

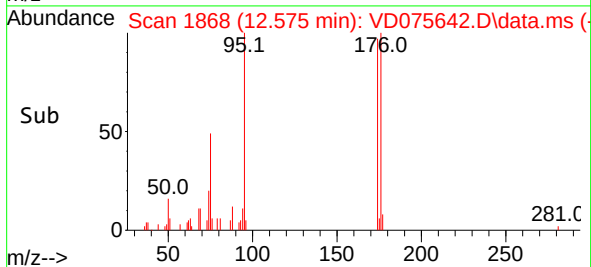
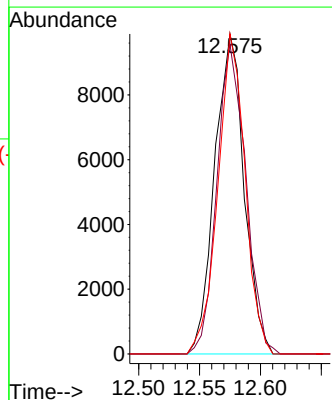
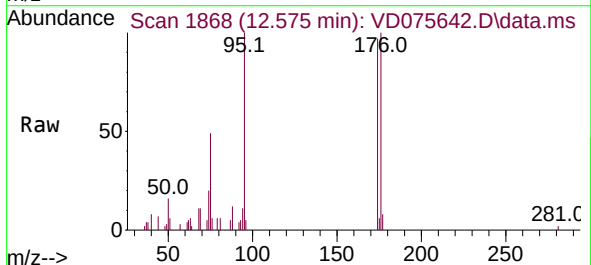
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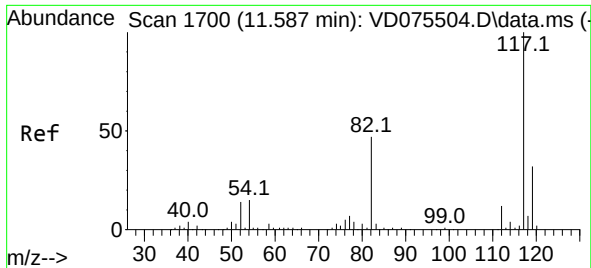
Tgt Ion: 98 Resp: 54644
Ion Ratio Lower Upper
98 100
100 61.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 52.196 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD075642.D
Acq: 12 Apr 2023 16:17

Tgt Ion: 95 Resp: 16644
Ion Ratio Lower Upper
95 100
174 94.7 0.0 164.0
176 91.9 0.0 156.8

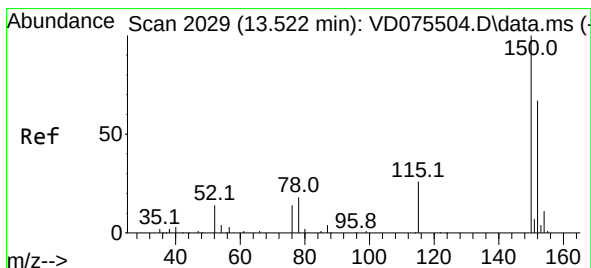
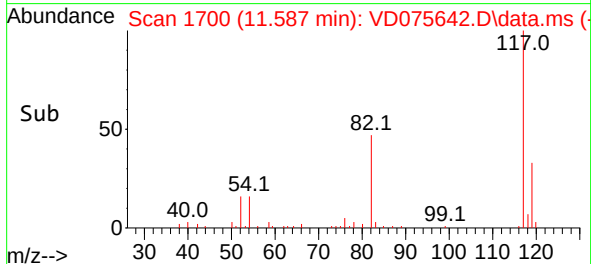
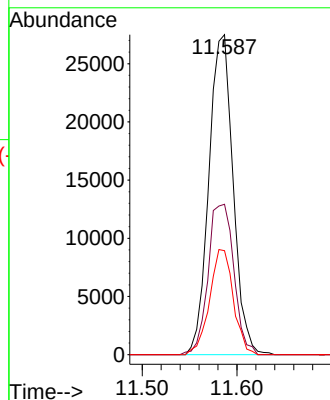
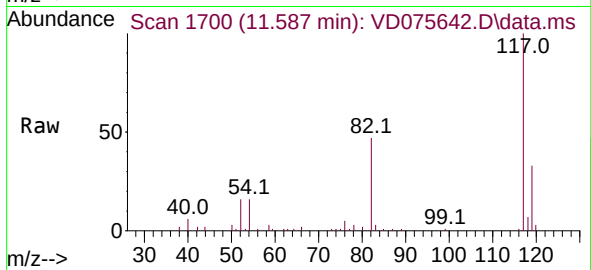




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075642.D
Acq: 12 Apr 2023 16:17

Instrument :
MSVOA_D
ClientSampleId :
SP-1ERE

Tgt Ion:117 Resp: 48962
Ion Ratio Lower Upper
117 100
82 47.0 44.0 66.0
119 32.5 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD075642.D
Acq: 12 Apr 2023 16:17

Tgt Ion:152 Resp: 20706
Ion Ratio Lower Upper
152 100
115 54.1 30.1 90.3
150 152.8 0.0 364.8

