

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012523\
 Data File : VD075198.D
 Acq On : 25 Jan 2023 12:17
 Operator : KP/SY
 Sample : 01268-01RE
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-06-012323RE

Quant Time: Jan 25 15:56:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	32280	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	62169	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	62908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	28025	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	23156	70.299	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.600%
35) Dibromofluoromethane	7.804	113	21212	56.465	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.920%
50) Toluene-d8	10.269	98	77530	52.415	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.840%
62) 4-Bromofluorobenzene	12.575	95	26045	55.481	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.960%

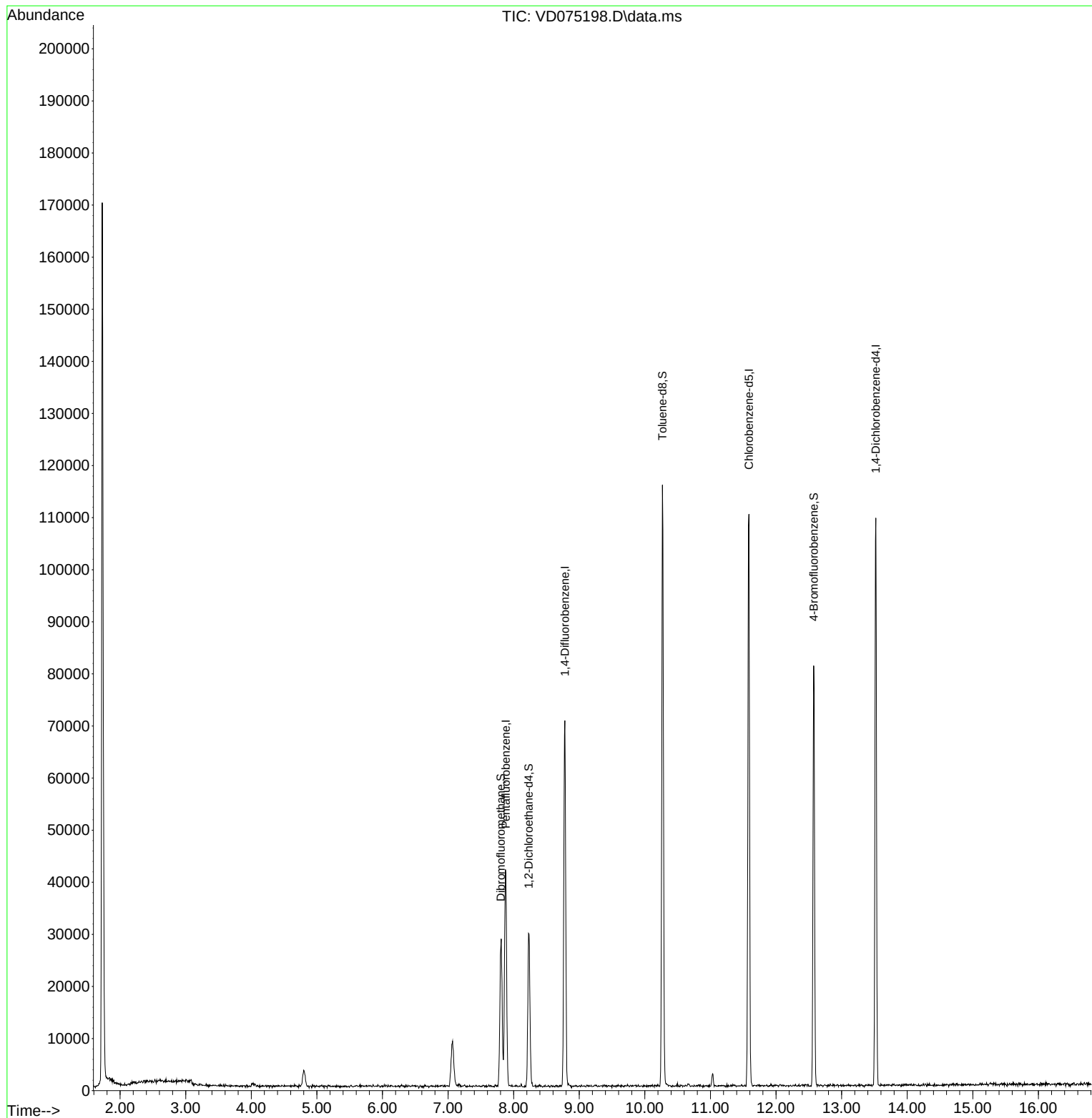
Target Compounds	Qvalue

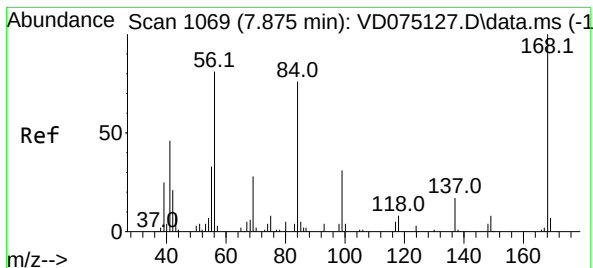
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VD075198.D

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Instrument :

MSVOA_D

ClientSampleId :

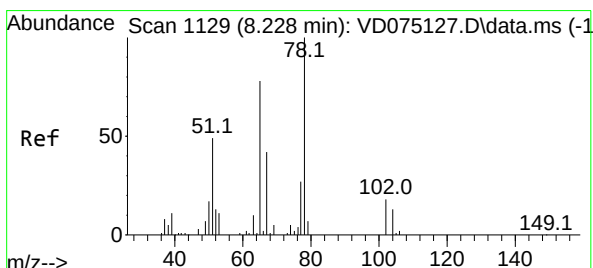
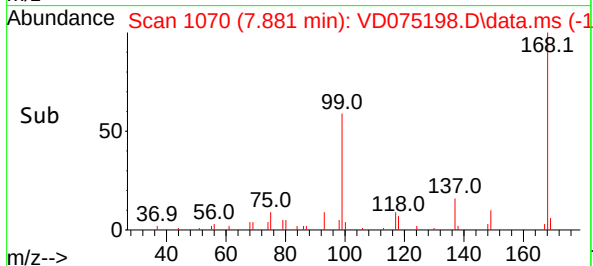
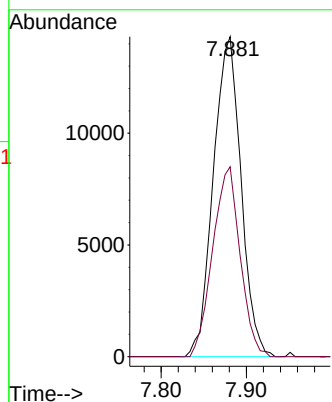
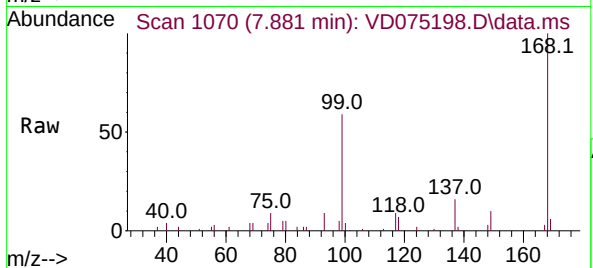
TR-06-012323RE

Tgt Ion:168 Resp: 32280

Ion Ratio Lower Upper

168 100

99 59.3 45.2 67.8



#33

1,2-Dichloroethane-d4

Concen: 70.299 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD075198.D

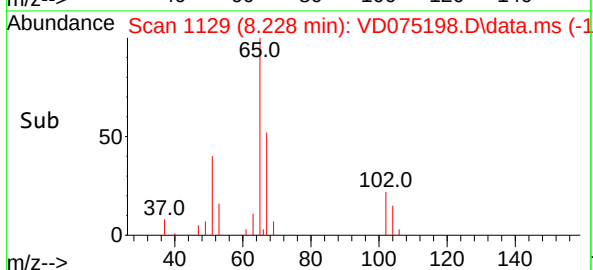
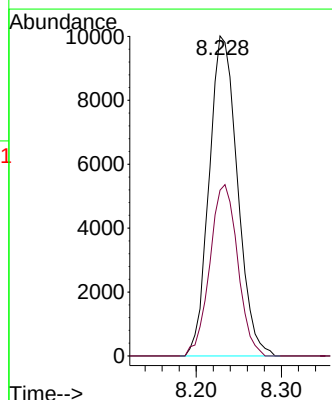
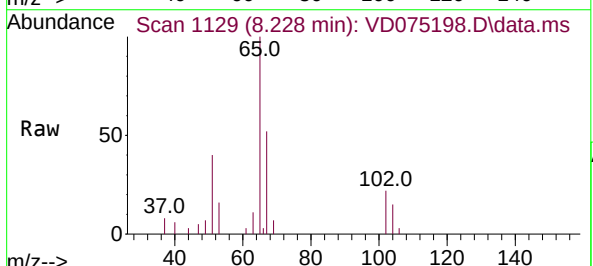
Acq: 25 Jan 2023 12:17

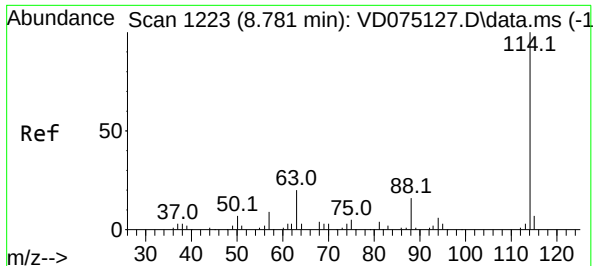
Tgt Ion: 65 Resp: 23156

Ion Ratio Lower Upper

65 100

67 52.6 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075198.D

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Instrument :

MSVOA_D

ClientSampleId :

TR-06-012323RE

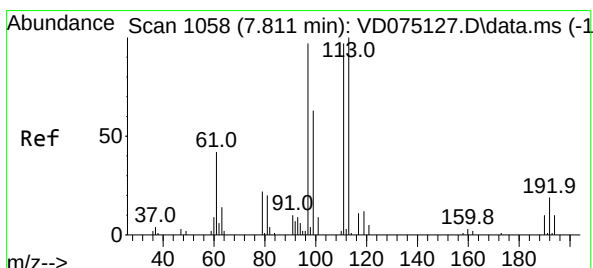
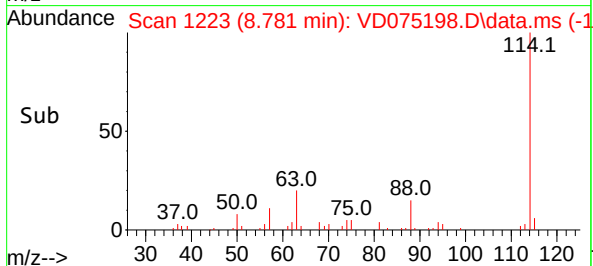
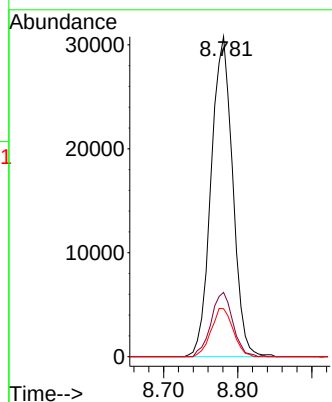
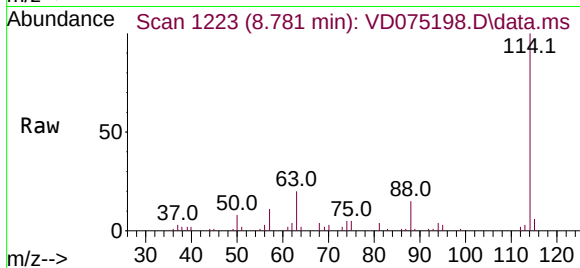
Tgt Ion:114 Resp: 62169

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.2

88 15.0 0.0 32.2



#35

Dibromofluoromethane

Concen: 56.465 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD075198.D

Acq: 25 Jan 2023 12:17

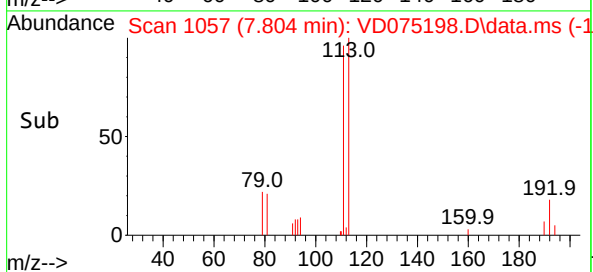
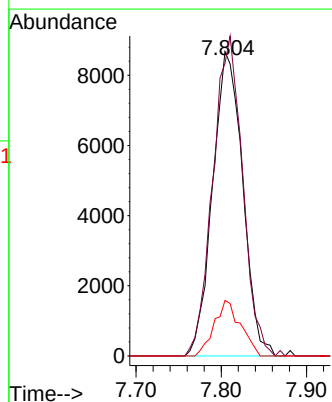
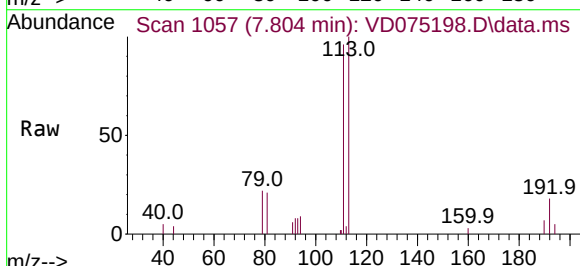
Tgt Ion:113 Resp: 21212

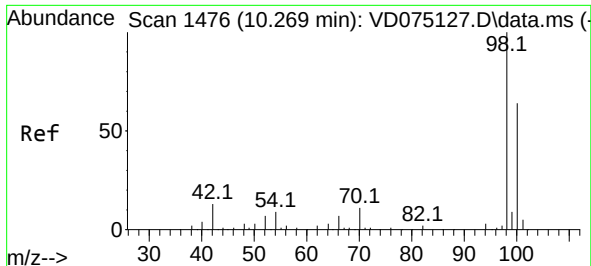
Ion Ratio Lower Upper

113 100

111 104.1 80.1 120.1

192 15.9 15.4 23.0

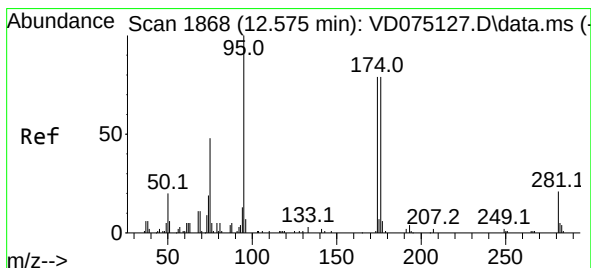
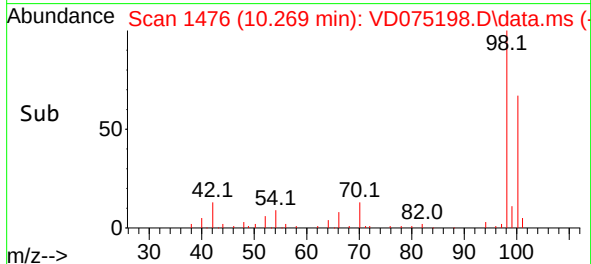
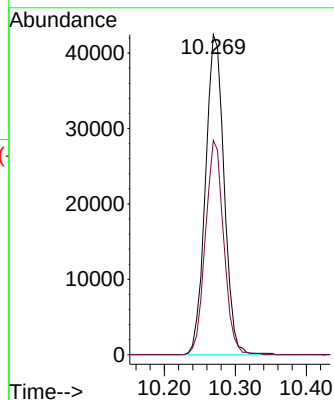
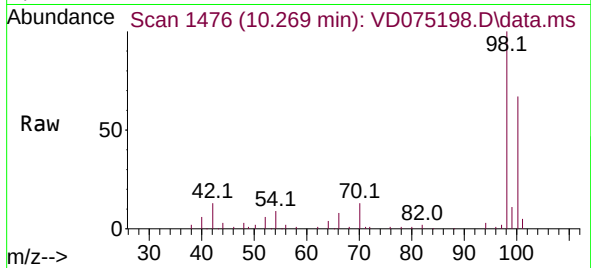




#50
Toluene-d8
Concen: 52.415 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075198.D
Acq: 25 Jan 2023 12:17

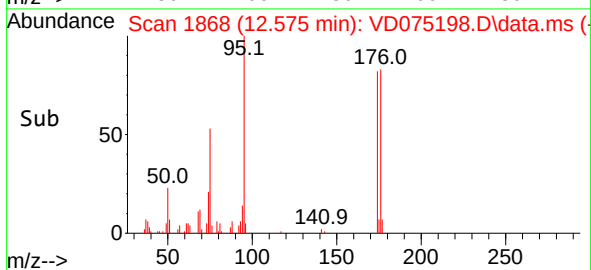
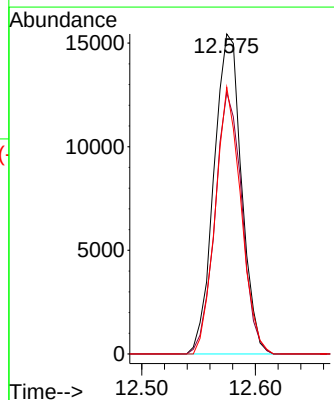
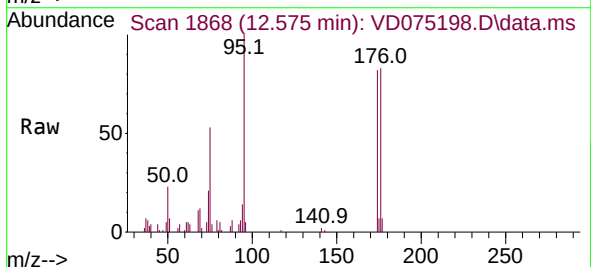
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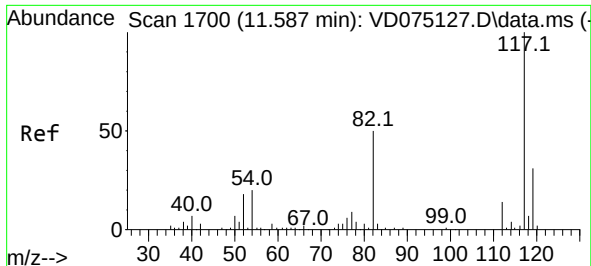
Tgt Ion: 98 Resp: 77530
Ion Ratio Lower Upper
98 100
100 65.8 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 55.481 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075198.D
Acq: 25 Jan 2023 12:17

Tgt Ion: 95 Resp: 26045
Ion Ratio Lower Upper
95 100
174 79.7 0.0 161.2
176 77.8 0.0 160.2

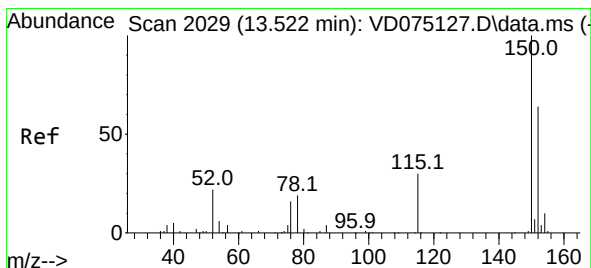
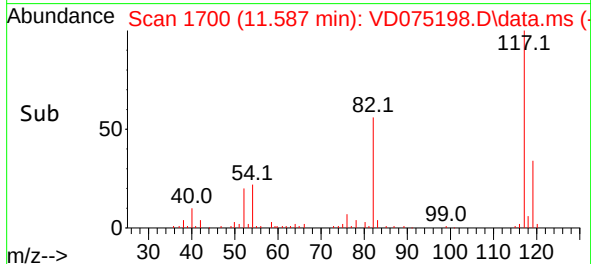
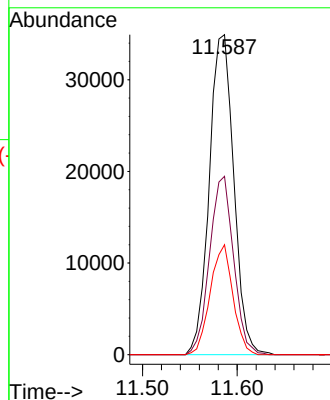
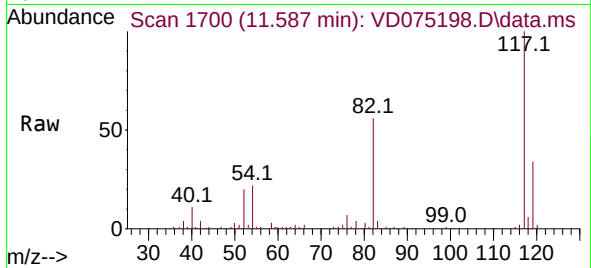




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075198.D
Acq: 25 Jan 2023 12:17

Instrument :
MSVOA_D
ClientSampleId :
TR-06-012323RE

Tgt Ion:117 Resp: 62908
Ion Ratio Lower Upper
117 100
82 55.7 39.6 59.4
119 34.3 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075198.D
Acq: 25 Jan 2023 12:17

Tgt Ion:152 Resp: 28025
Ion Ratio Lower Upper
152 100
115 59.9 28.8 86.4
150 158.2 0.0 348.6

