

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041123\
 Data File : VD075627.D
 Acq On : 11 Apr 2023 18:38
 Operator : KP/SY
 Sample : 02260-06
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1B

Quant Time: Apr 12 02:58:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 11 18:54:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	3140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	9522	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	8971	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	3674	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	3405	132.187	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	264.380%#
35) Dibromofluoromethane	7.805	113	3294	59.028	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.060%
50) Toluene-d8	10.269	98	9275	42.374	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	84.740%
62) 4-Bromofluorobenzene	12.569	95	3133	45.961	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.920%

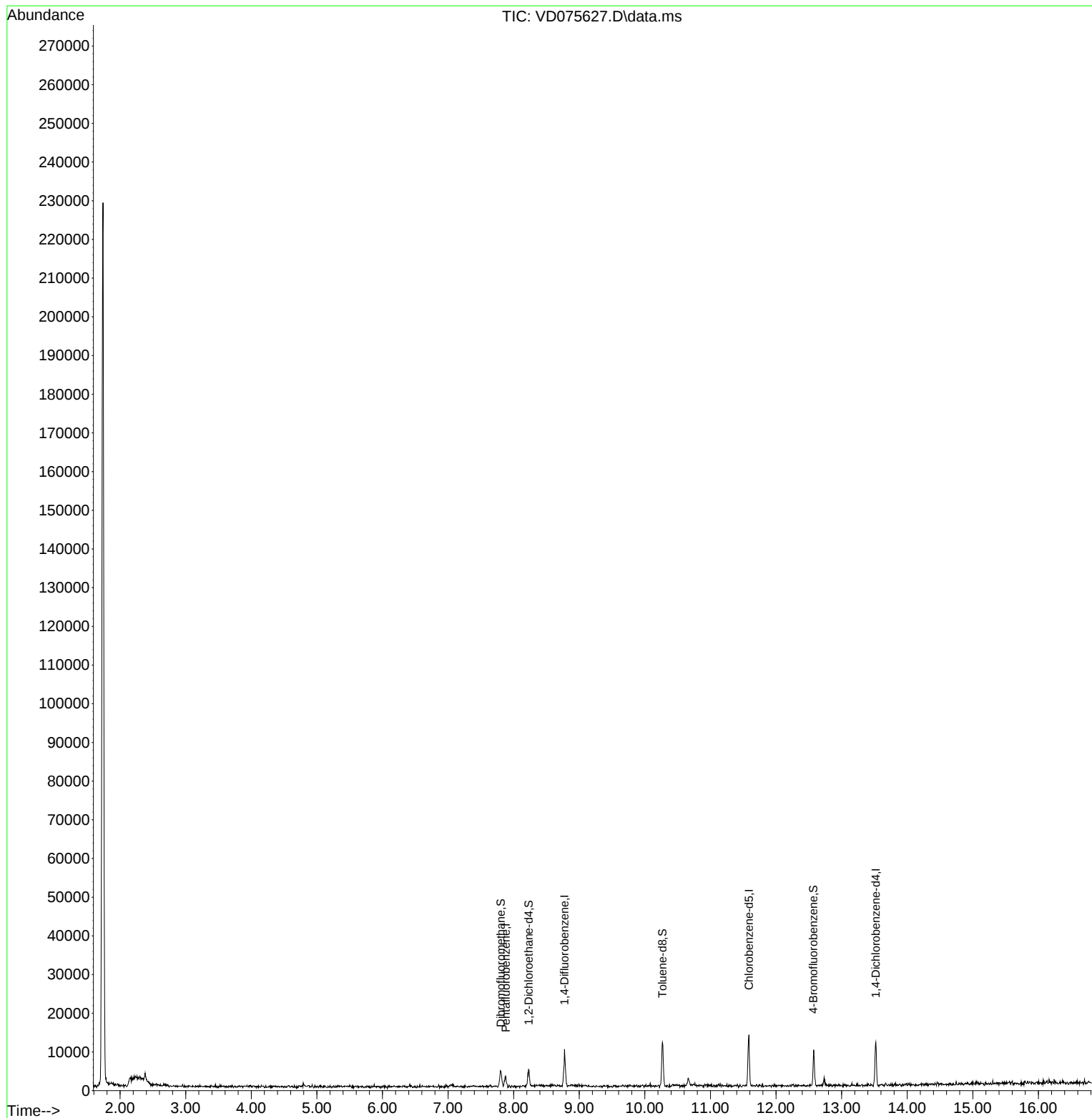
Target Compounds	Qvalue

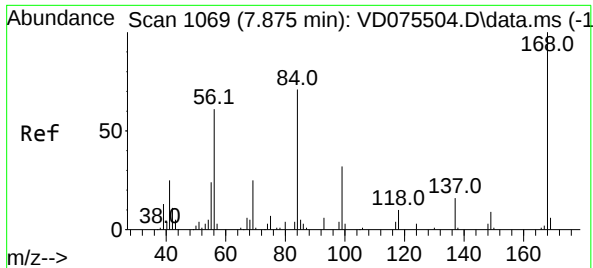
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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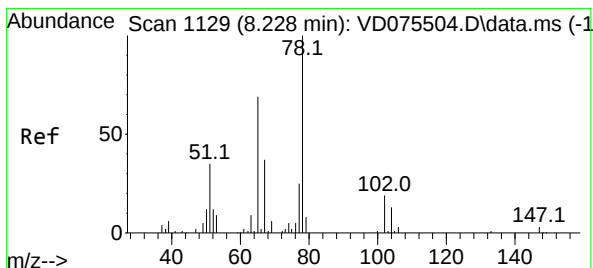
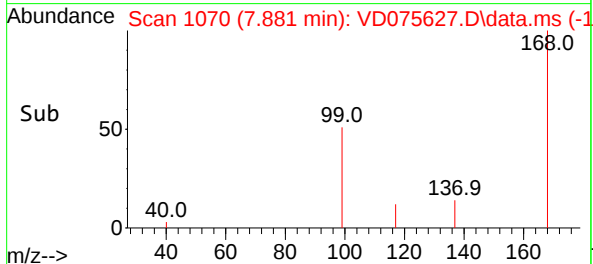
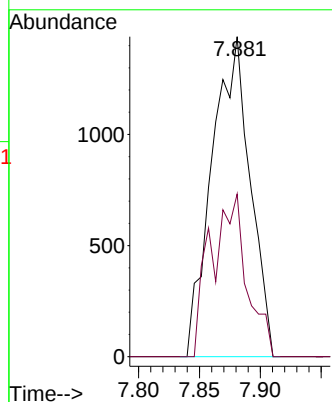
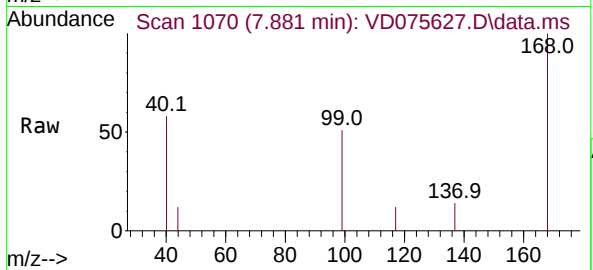




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075627.D
Acq: 11 Apr 2023 18:38

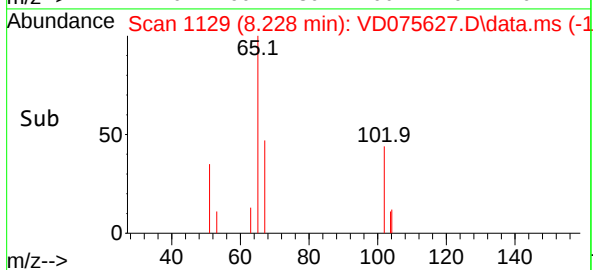
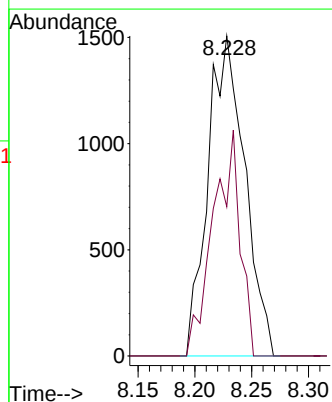
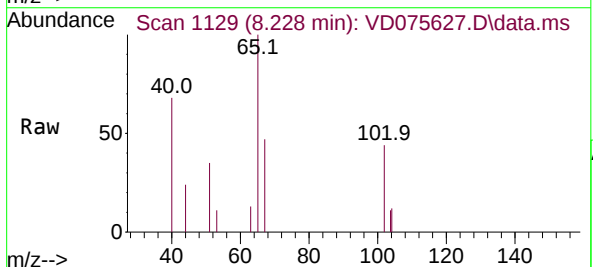
Instrument :
MSVOA_D
ClientSampleId :
SP-1B

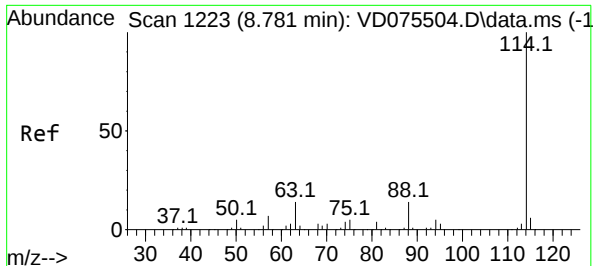
Tgt Ion:168 Resp: 3140
Ion Ratio Lower Upper
168 100
99 50.8 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 132.187 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD075627.D
Acq: 11 Apr 2023 18:38

Tgt Ion: 65 Resp: 3405
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD075627.D

Acq: 11 Apr 2023 18:38

Instrument :

MSVOA_D

ClientSampleId :

SP-1B

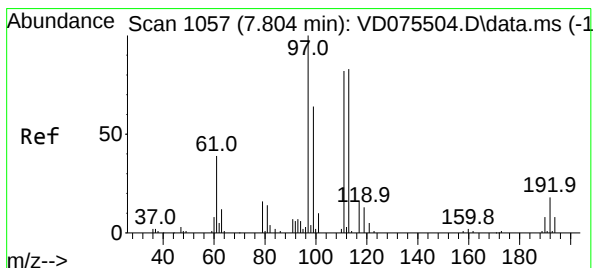
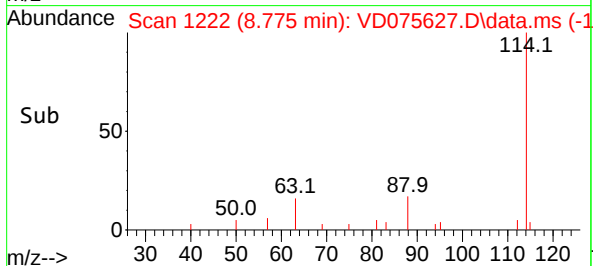
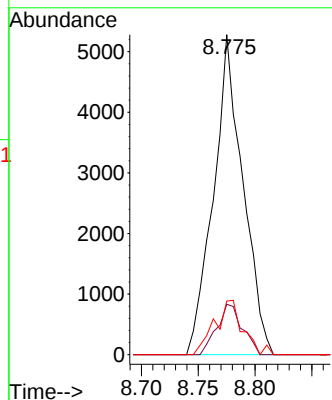
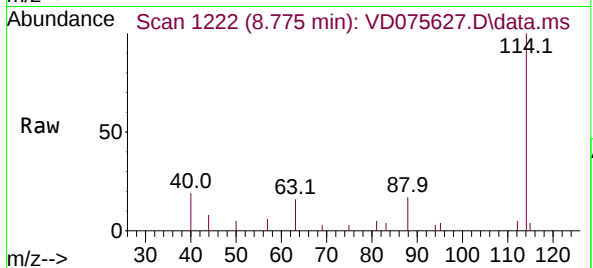
Tgt Ion:114 Resp: 9522

Ion Ratio Lower Upper

114 100

63 15.8 0.0 41.6

88 16.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 59.028 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075627.D

Acq: 11 Apr 2023 18:38

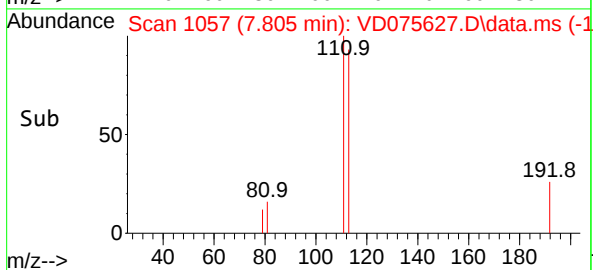
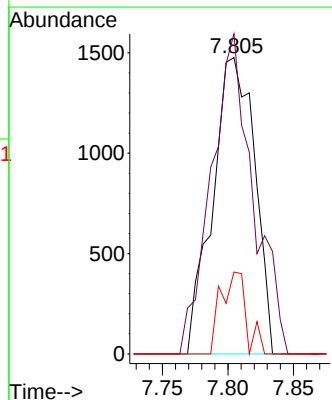
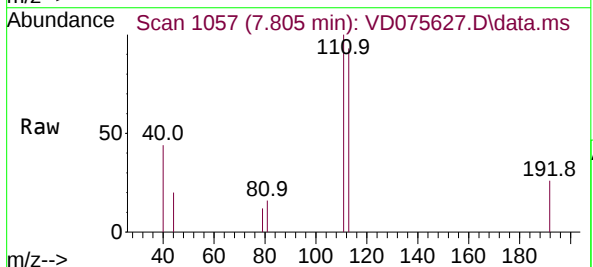
Tgt Ion:113 Resp: 3294

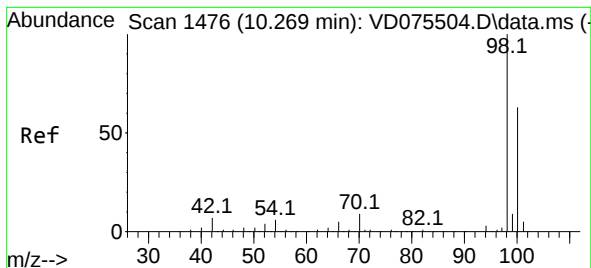
Ion Ratio Lower Upper

113 100

111 107.3 81.4 122.0

192 16.7 15.2 22.8

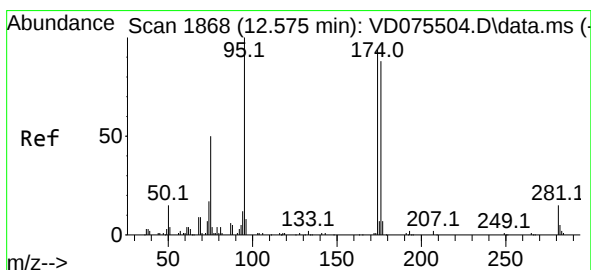
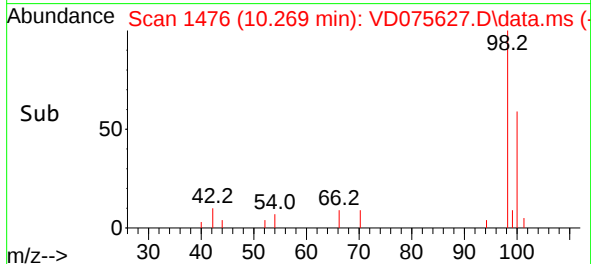
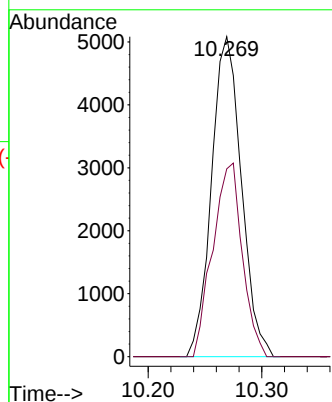
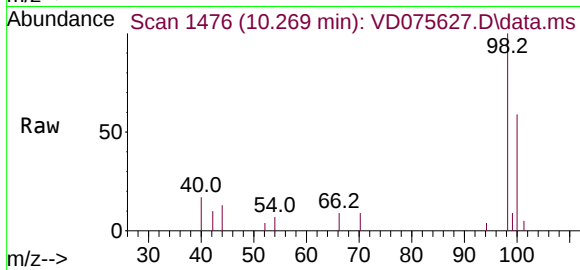




#50
Toluene-d8
Concen: 42.374 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075627.D
Acq: 11 Apr 2023 18:38

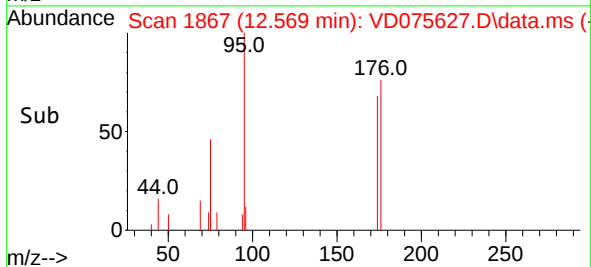
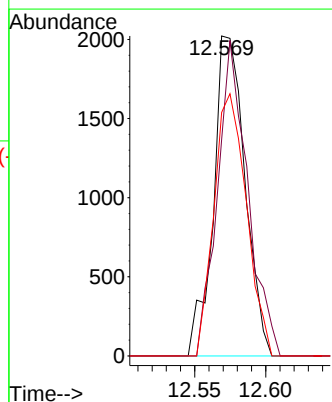
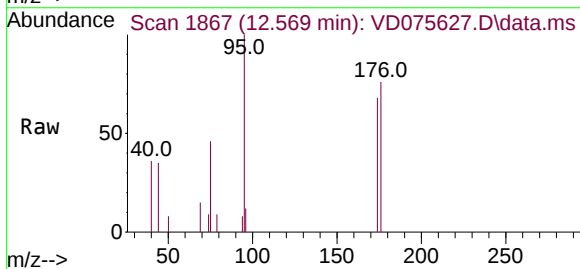
Instrument :
MSVOA_D
ClientSampleId :
SP-1B

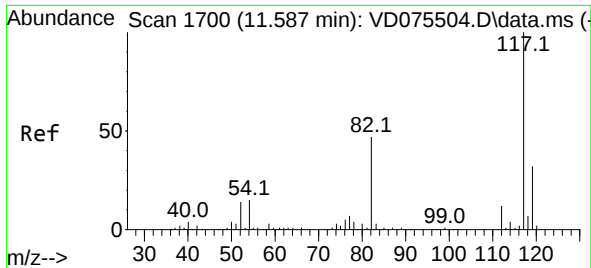
Tgt Ion: 98 Resp: 9275
Ion Ratio Lower Upper
98 100
100 60.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.961 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD075627.D
Acq: 11 Apr 2023 18:38

Tgt Ion: 95 Resp: 3133
Ion Ratio Lower Upper
95 100
174 93.9 0.0 164.0
176 84.2 0.0 156.8

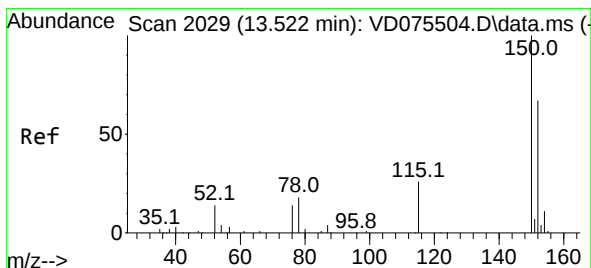
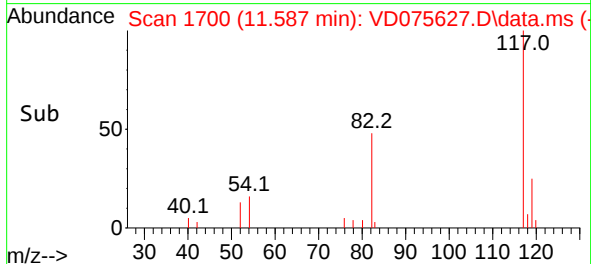
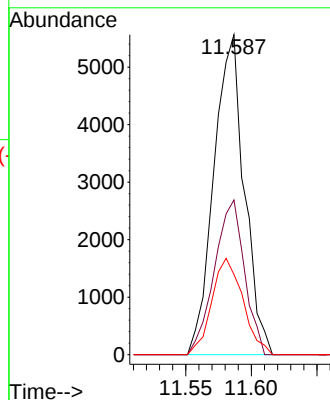
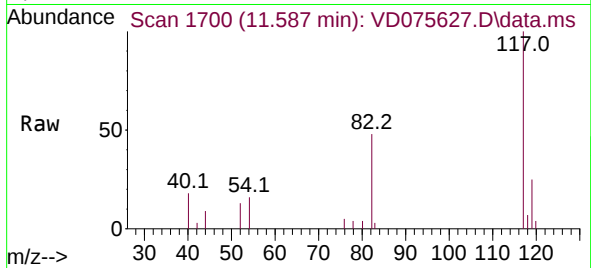




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075627.D
Acq: 11 Apr 2023 18:38

Instrument :
MSVOA_D
ClientSampleId :
SP-1B

Tgt Ion:117 Resp: 8971
Ion Ratio Lower Upper
117 100
82 48.3 44.0 66.0
119 25.0 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: VD075627.D
Acq: 11 Apr 2023 18:38

Tgt Ion:152 Resp: 3674
Ion Ratio Lower Upper
152 100
115 56.9 30.1 90.3
150 164.1 0.0 364.8

