

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021323\
 Data File : VD075326.D
 Acq On : 13 Feb 2023 14:26
 Operator : KP/SY
 Sample : 01529-05
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-5.0-7.0

Quant Time: Feb 14 01:22:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	65204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	115660	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	116639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	51892	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	32581	42.613	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.220%
35) Dibromofluoromethane	7.810	113	35982	44.367	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.740%
50) Toluene-d8	10.269	98	146665	47.686	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.380%
62) 4-Bromofluorobenzene	12.575	95	47909	47.241	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.480%

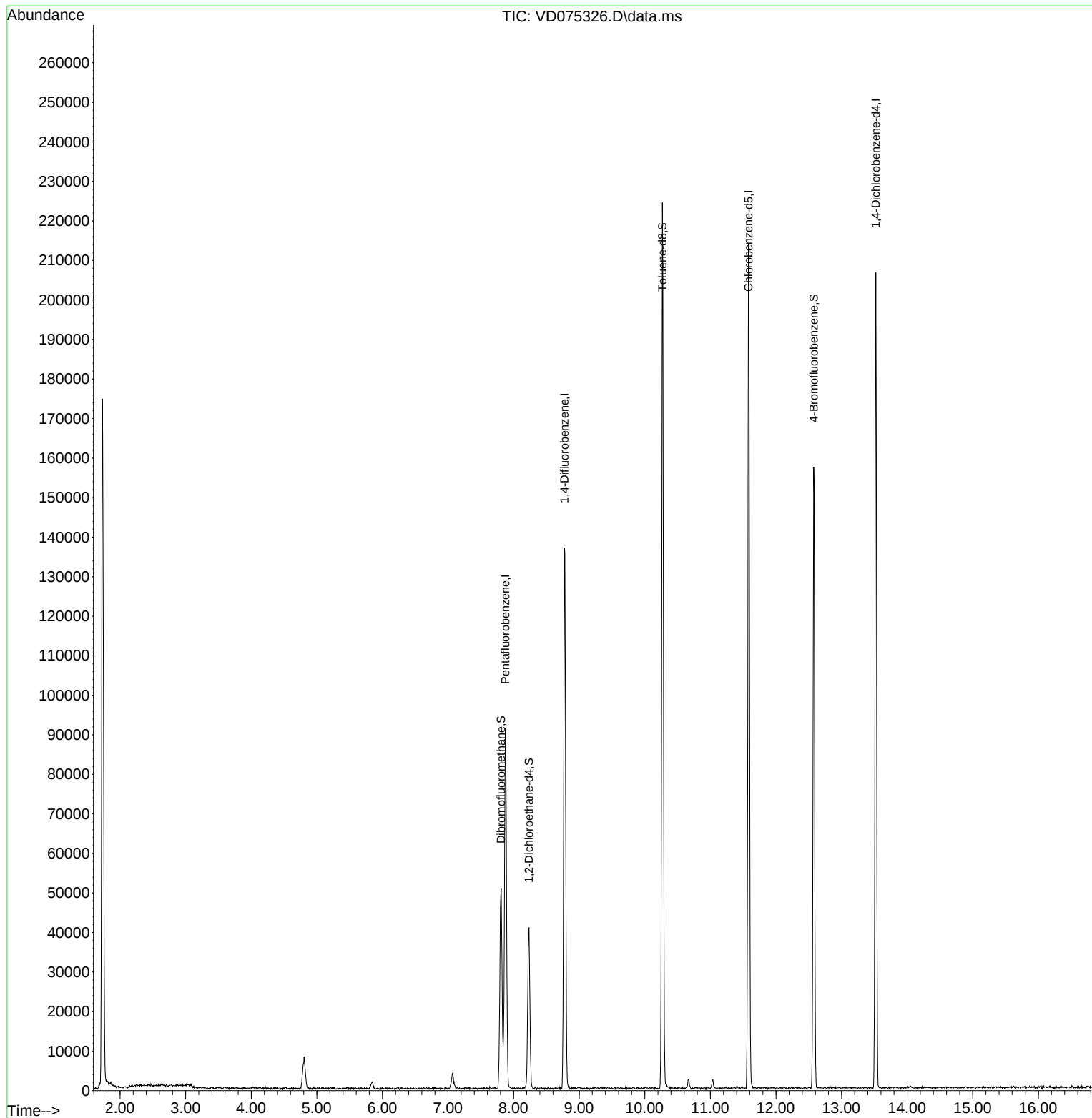
Target Compounds	Qvalue

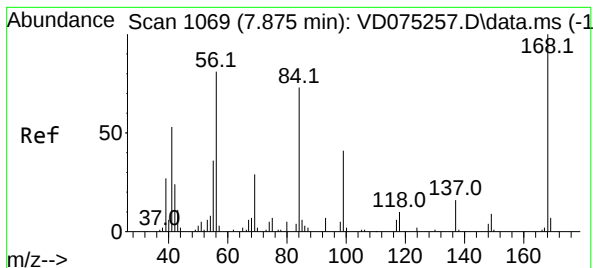
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

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Instrument :

MSVOA_D

ClientSampleId :

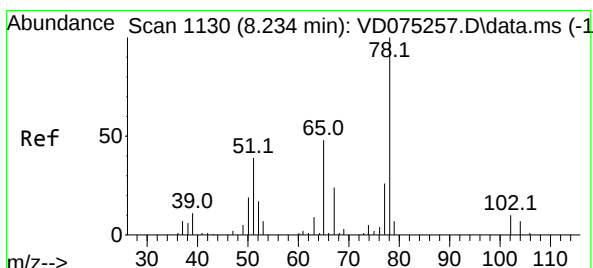
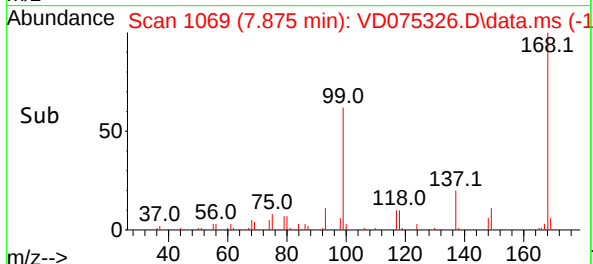
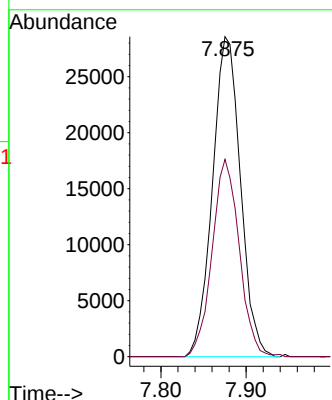
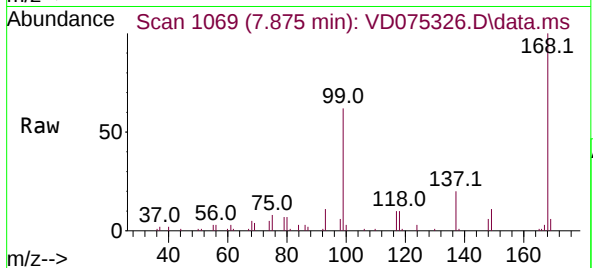
SB-01-5.0-7.0

Tgt Ion:168 Resp: 65204

Ion Ratio Lower Upper

168 100

99 61.7 45.2 67.8



#33

1,2-Dichloroethane-d4

Concen: 42.613 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD075326.D

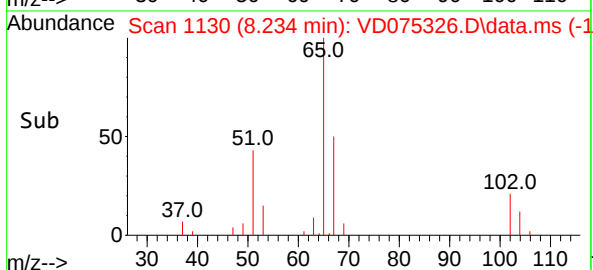
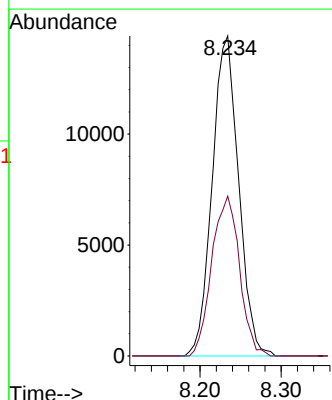
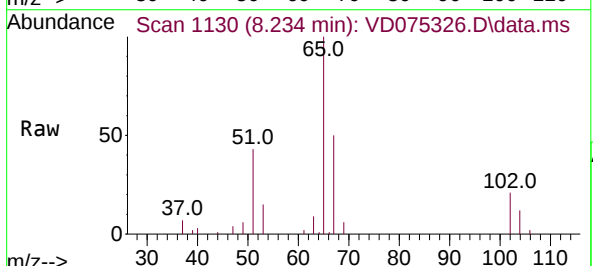
Acq: 13 Feb 2023 14:26

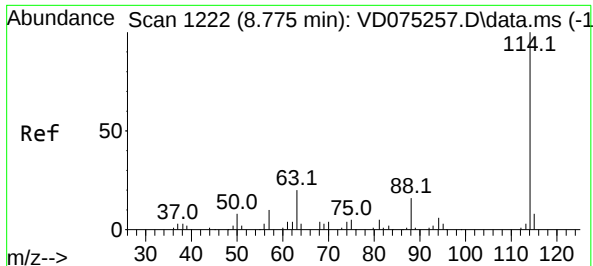
Tgt Ion: 65 Resp: 32581

Ion Ratio Lower Upper

65 100

67 52.4 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075326.D

Acq: 13 Feb 2023 14:26

Instrument :

MSVOA_D

ClientSampleId :

SB-01-5.0-7.0

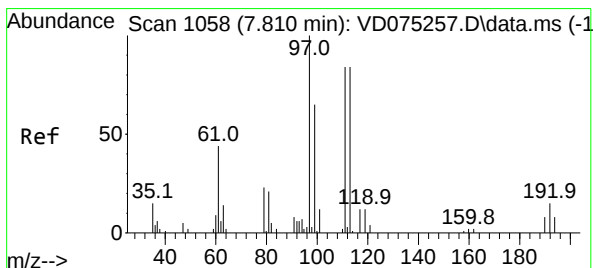
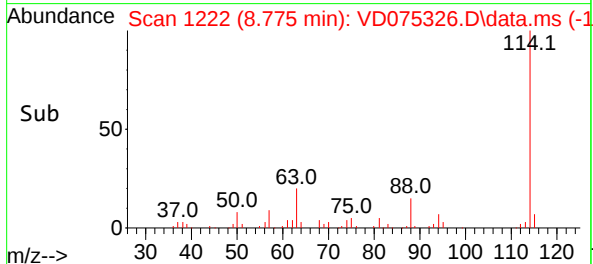
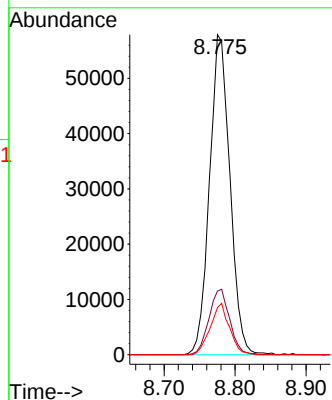
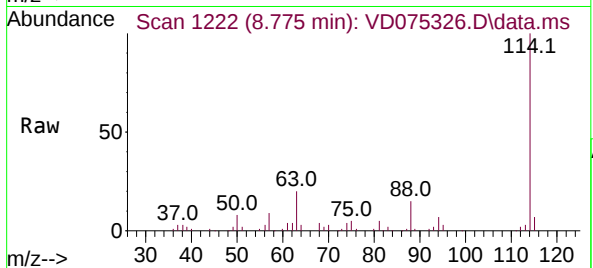
Tgt Ion:114 Resp: 115660

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.2

88 14.7 0.0 32.2



#35

Dibromofluoromethane

Concen: 44.367 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075326.D

Acq: 13 Feb 2023 14:26

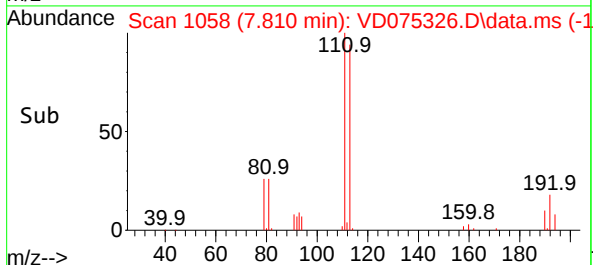
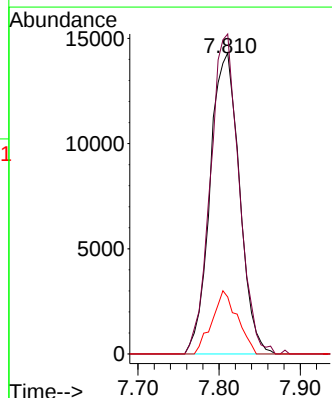
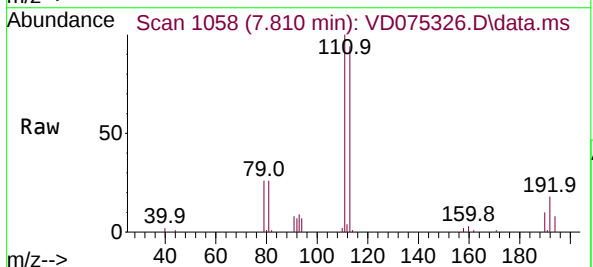
Tgt Ion:113 Resp: 35982

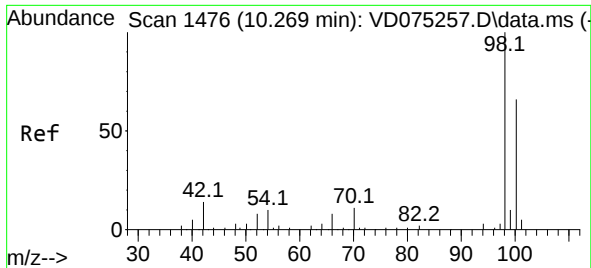
Ion Ratio Lower Upper

113 100

111 103.5 80.1 120.1

192 18.2 15.4 23.0

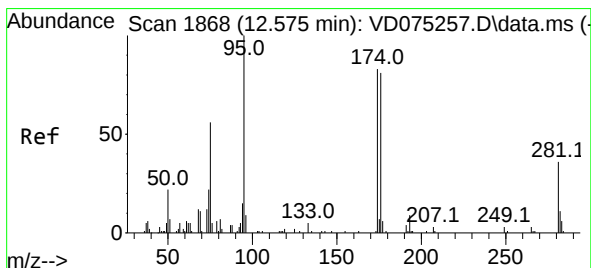
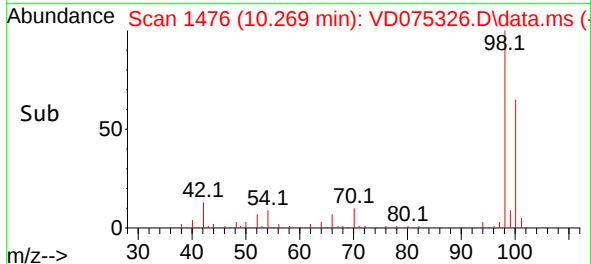
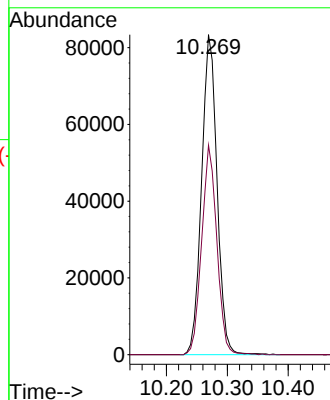
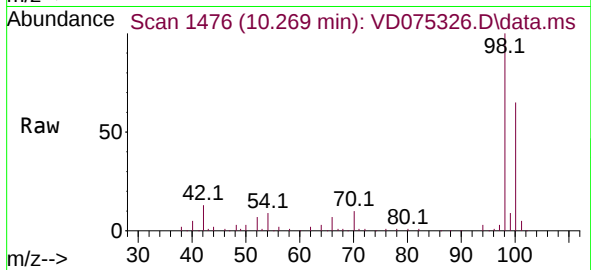




#50
Toluene-d8
Concen: 47.686 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075326.D
Acq: 13 Feb 2023 14:26

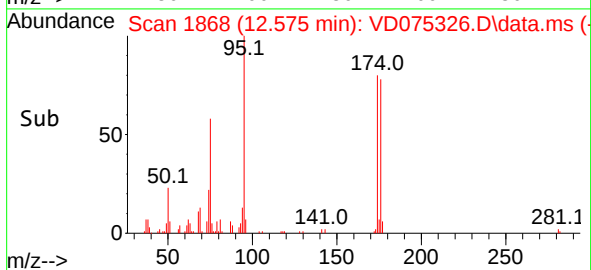
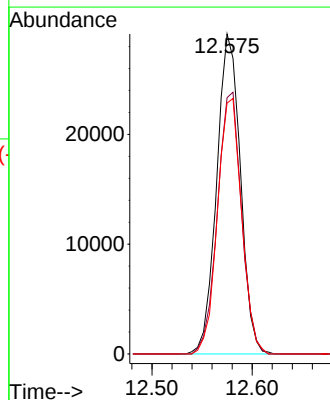
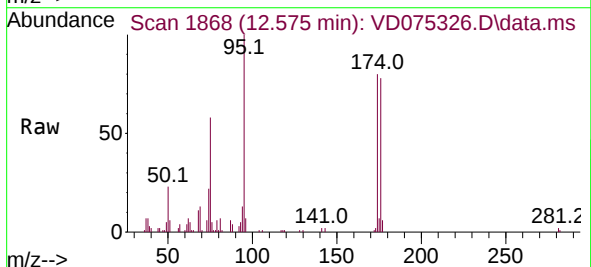
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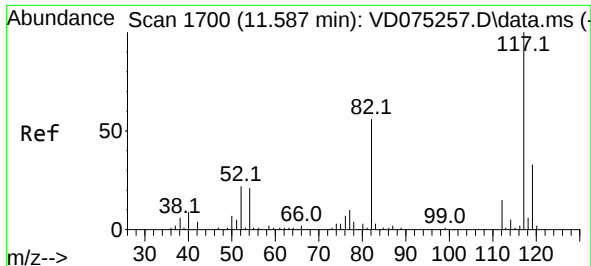
Tgt Ion: 98 Resp: 146665
Ion Ratio Lower Upper
98 100
100 64.3 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 47.241 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075326.D
Acq: 13 Feb 2023 14:26

Tgt Ion: 95 Resp: 47909
Ion Ratio Lower Upper
95 100
174 82.9 0.0 161.2
176 81.1 0.0 160.2

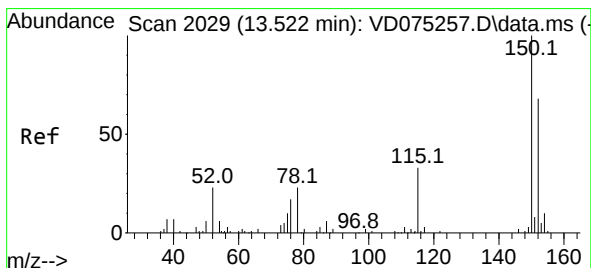
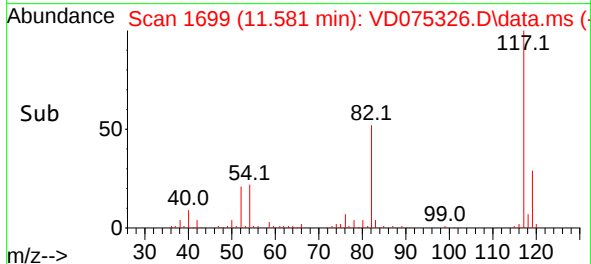
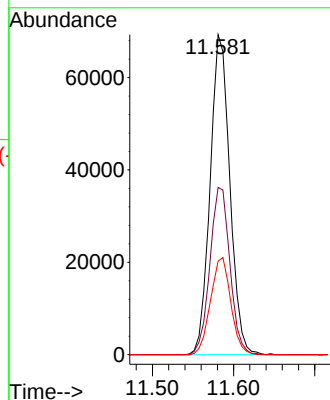
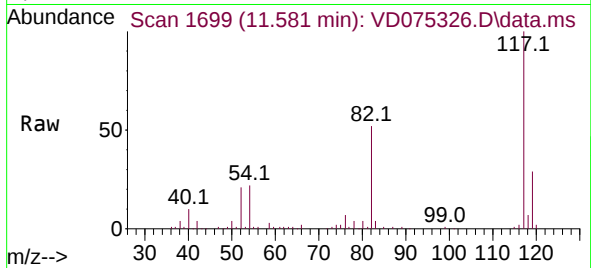




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075326.D
Acq: 13 Feb 2023 14:26

Instrument :
MSVOA_D
ClientSampleId :
SB-01-5.0-7.0

Tgt Ion:117 Resp: 116639
Ion Ratio Lower Upper
117 100
82 52.2 39.6 59.4
119 29.2 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: VD075326.D
Acq: 13 Feb 2023 14:26

Tgt Ion:152 Resp: 51892
Ion Ratio Lower Upper
152 100
115 59.6 28.8 86.4
150 157.5 0.0 348.6

