

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012423\
 Data File : VD075186.D
 Acq On : 24 Jan 2023 14:15
 Operator : KP/SY
 Sample : 01256-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-012023

Quant Time: Jan 25 00:33:11 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	6167	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	11934	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	12315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	5434	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	4523	71.874	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	143.740%
35) Dibromofluoromethane	7.805	113	4143	57.451	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.900%
50) Toluene-d8	10.269	98	15371	54.135	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.280%
62) 4-Bromofluorobenzene	12.575	95	5102	56.618	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	113.240%

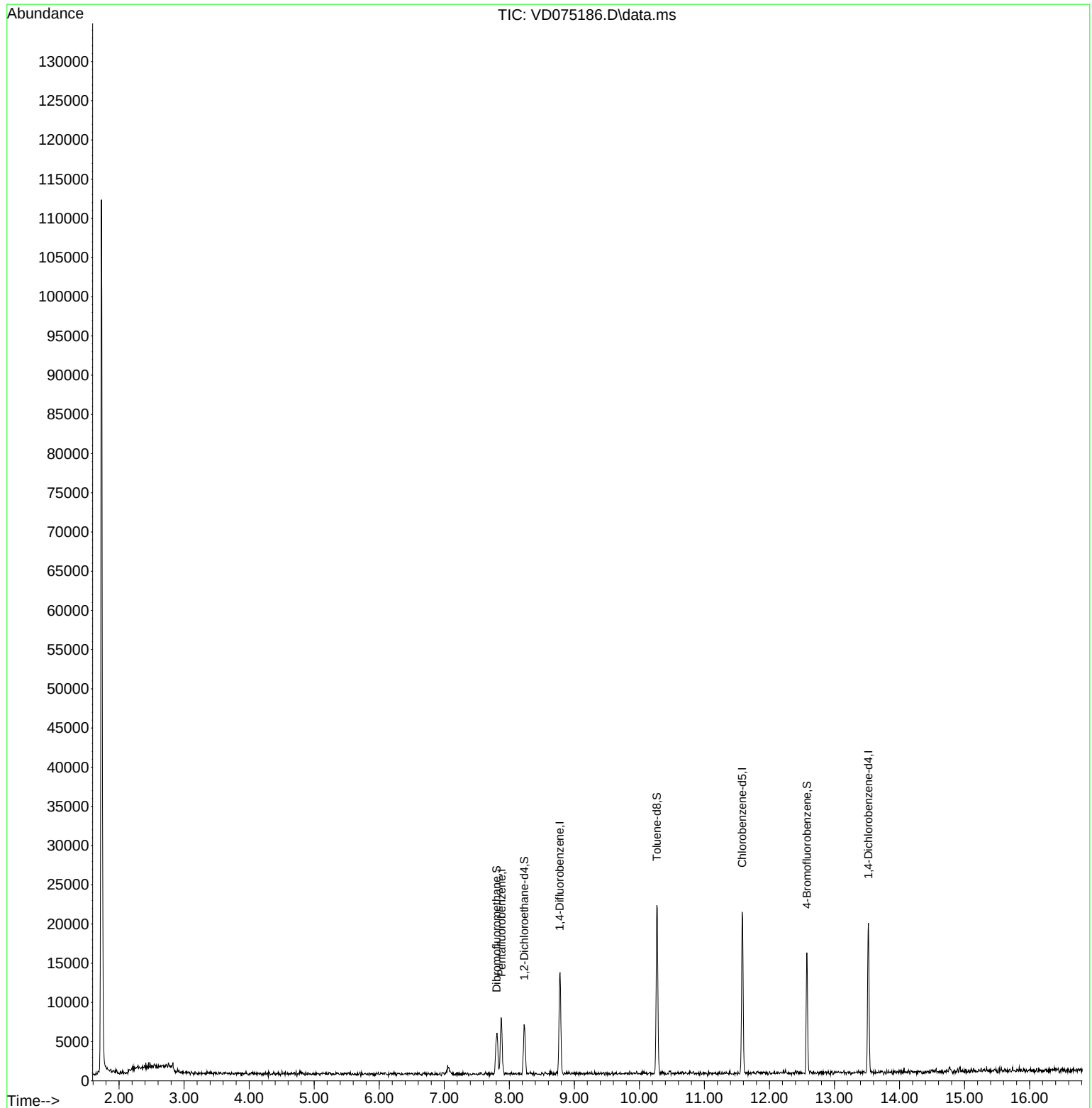
Target Compounds	Qvalue

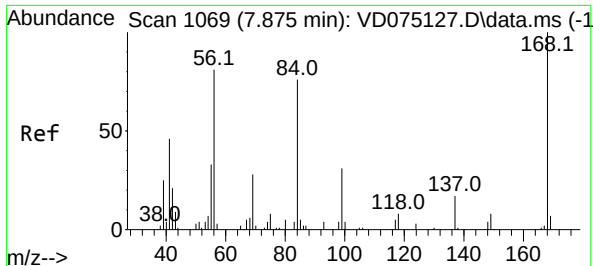
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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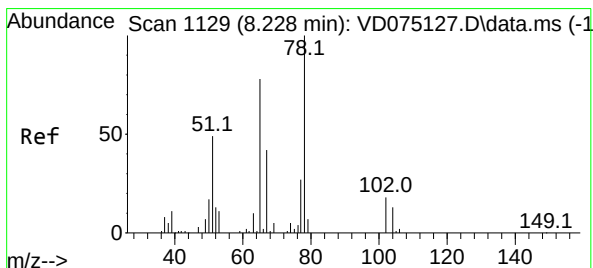
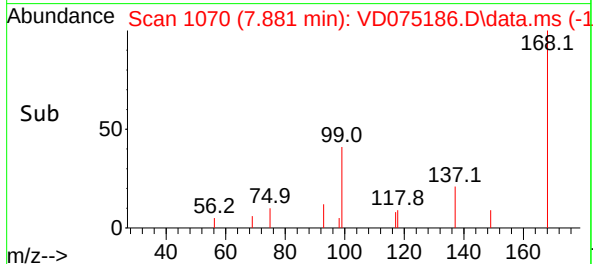
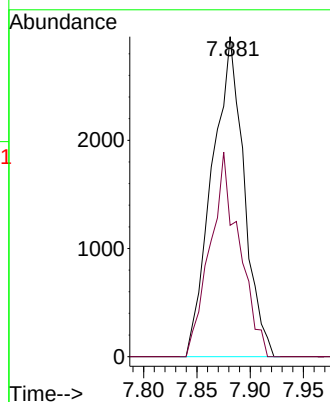
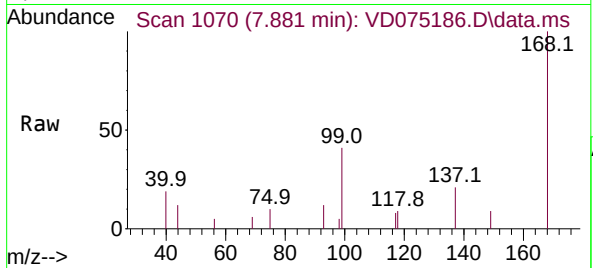




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075186.D
Acq: 24 Jan 2023 14:15

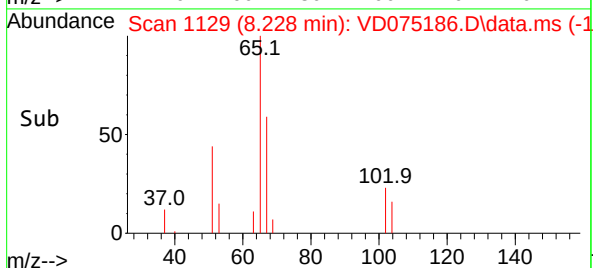
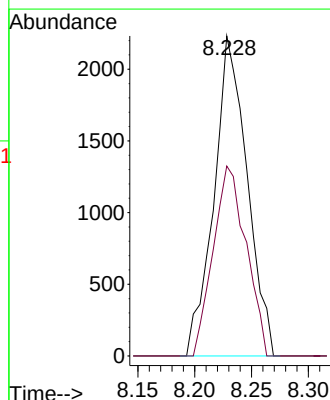
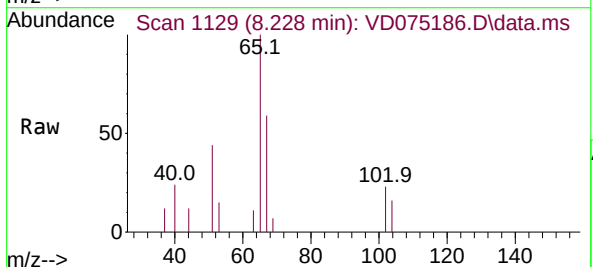
Instrument :
MSVOA_D
ClientSampleId :
OR-02-012023

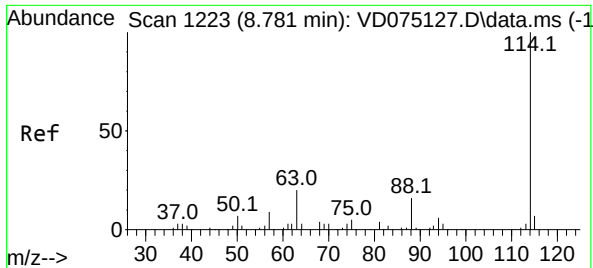
Tgt Ion:168 Resp: 6167
Ion Ratio Lower Upper
168 100
99 41.0 45.2 67.8#



#33
1,2-Dichloroethane-d4
Concen: 71.874 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD075186.D
Acq: 24 Jan 2023 14:15

Tgt Ion: 65 Resp: 4523
Ion Ratio Lower Upper
65 100
67 58.9 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD075186.D

Acq: 24 Jan 2023 14:15

Instrument :

MSVOA_D

ClientSampleId :

OR-02-012023

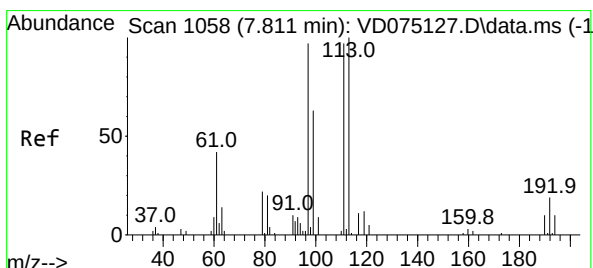
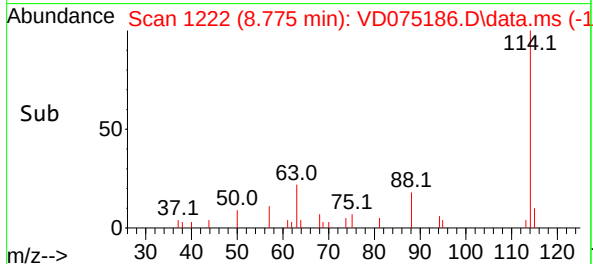
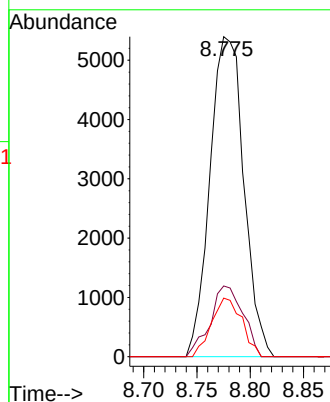
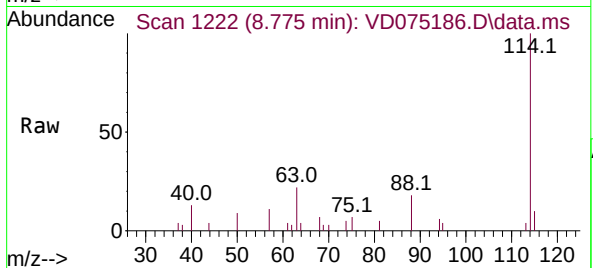
Tgt Ion:114 Resp: 11934

Ion Ratio Lower Upper

114 100

63 22.1 0.0 40.2

88 18.3 0.0 32.2



#35

Dibromofluoromethane

Concen: 57.451 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD075186.D

Acq: 24 Jan 2023 14:15

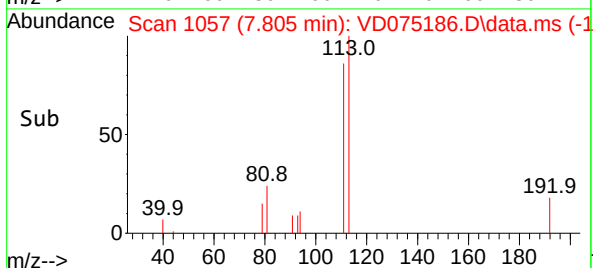
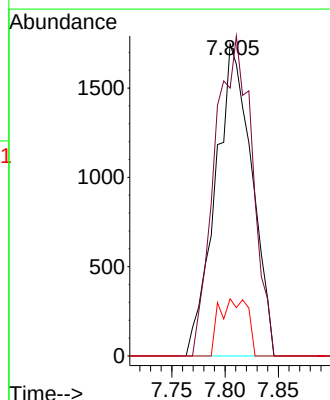
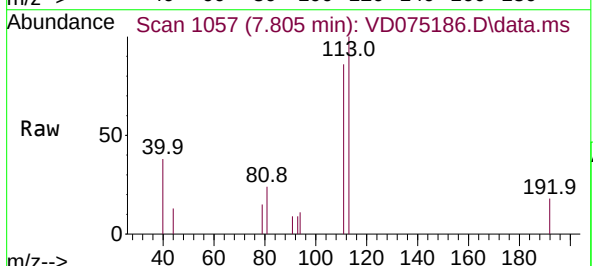
Tgt Ion:113 Resp: 4143

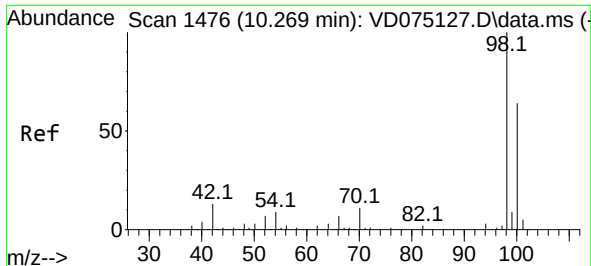
Ion Ratio Lower Upper

113 100

111 105.8 80.1 120.1

192 14.3 15.4 23.0#

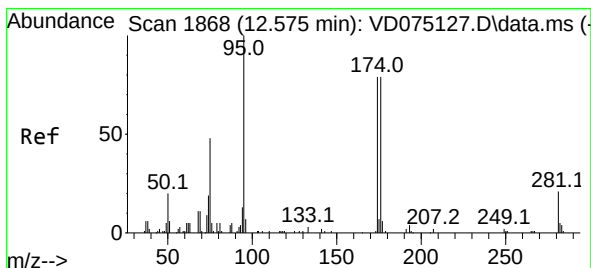
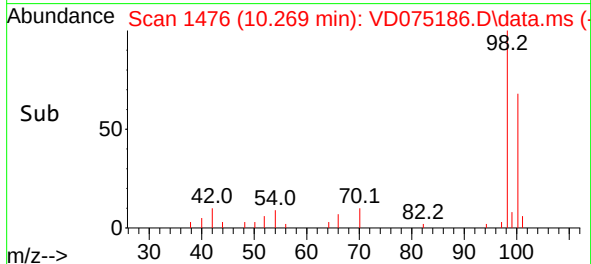
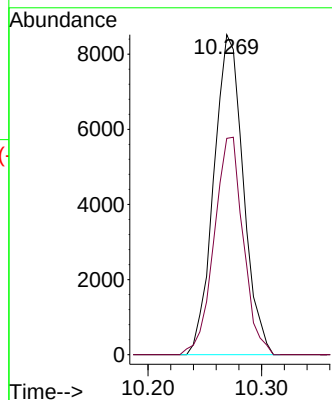
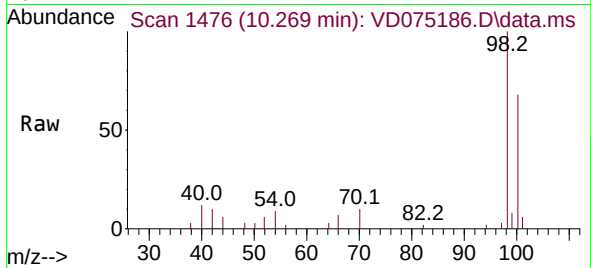




#50
Toluene-d8
Concen: 54.135 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075186.D
Acq: 24 Jan 2023 14:15

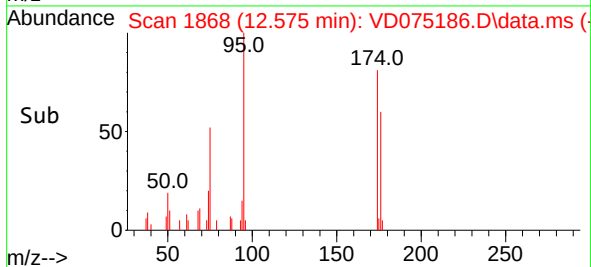
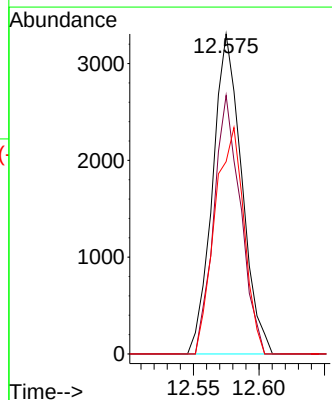
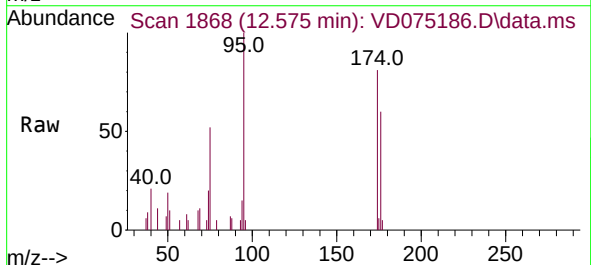
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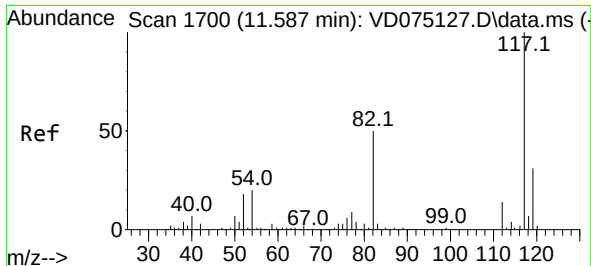
Tgt Ion: 98 Resp: 15371
Ion Ratio Lower Upper
98 100
100 67.0 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 56.618 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075186.D
Acq: 24 Jan 2023 14:15

Tgt Ion: 95 Resp: 5102
Ion Ratio Lower Upper
95 100
174 73.9 0.0 161.2
176 70.9 0.0 160.2

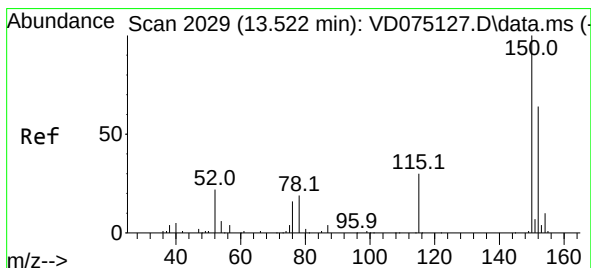
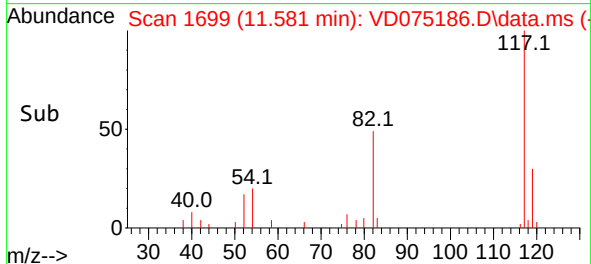
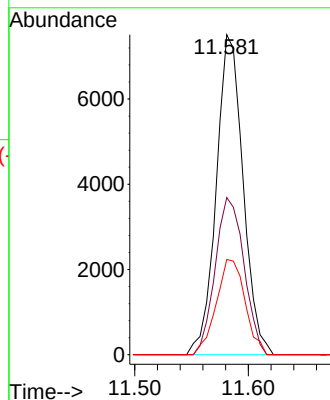
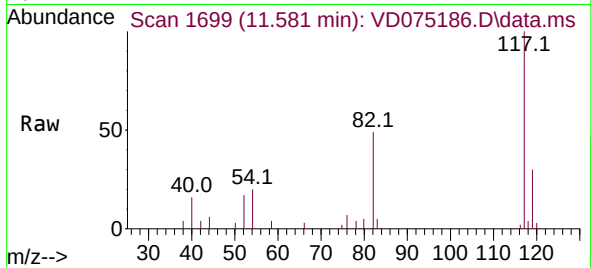




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075186.D
Acq: 24 Jan 2023 14:15

Instrument :
MSVOA_D
ClientSampleId :
OR-02-012023

Tgt Ion:117 Resp: 12315
Ion Ratio Lower Upper
117 100
82 49.1 39.6 59.4
119 29.8 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: VD075186.D
Acq: 24 Jan 2023 14:15

Tgt Ion:152 Resp: 5434
Ion Ratio Lower Upper
152 100
115 59.4 28.8 86.4
150 154.4 0.0 348.6

