

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030823\
 Data File : VD075470.D
 Acq On : 08 Mar 2023 15:34
 Operator : KP/SY
 Sample : 01833-01
 Misc : 6.16G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 46

Quant Time: Mar 09 02:16:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 08 12:19:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	233072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	471440	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	476052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	215023	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	102800	70.863	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	141.720%
35) Dibromofluoromethane	7.810	113	146305	53.557	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.120%
50) Toluene-d8	10.275	98	585396	59.181	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	118.360%
62) 4-Bromofluorobenzene	12.580	95	180798	60.443	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	120.880%

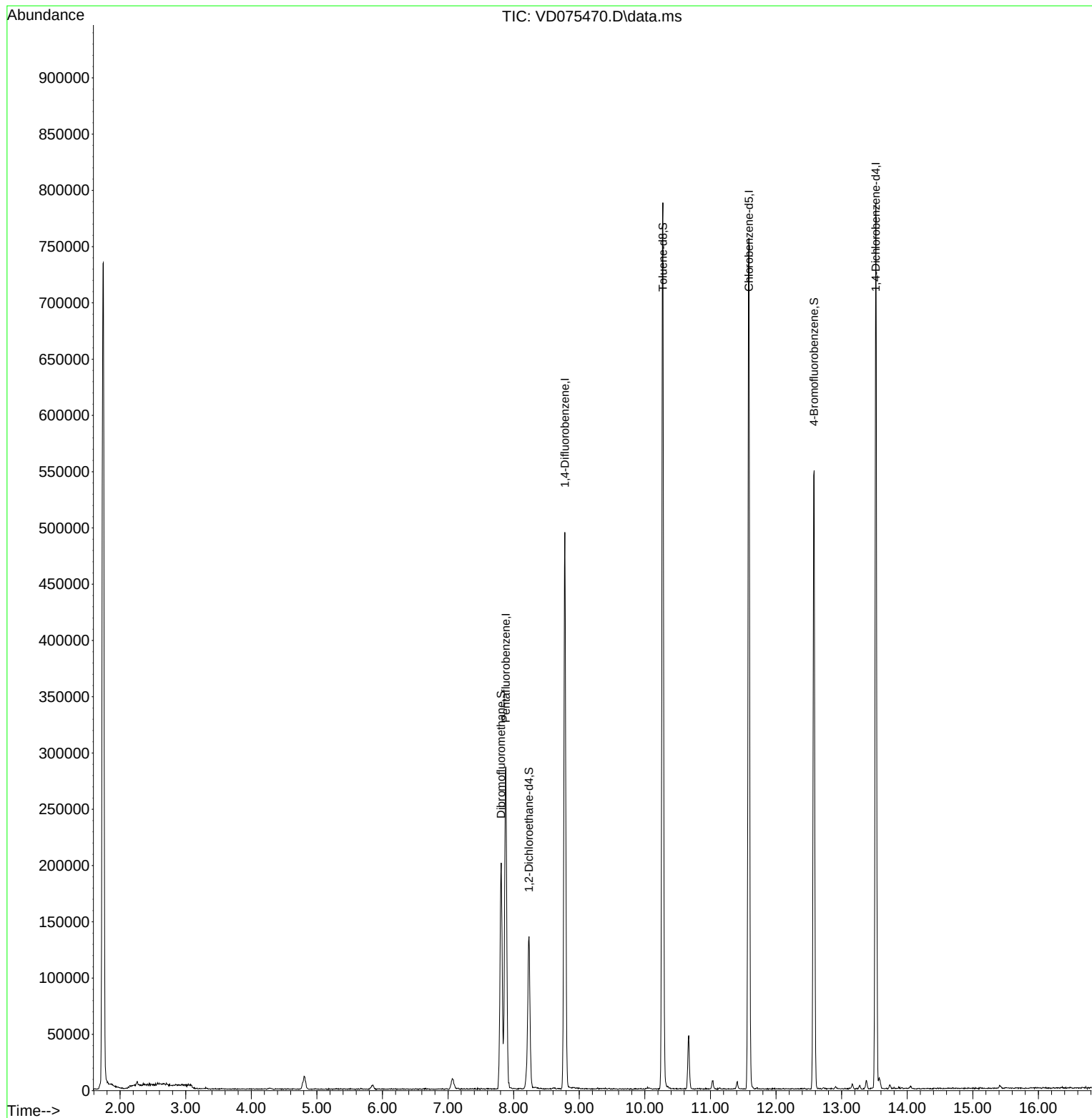
Target Compounds	Qvalue

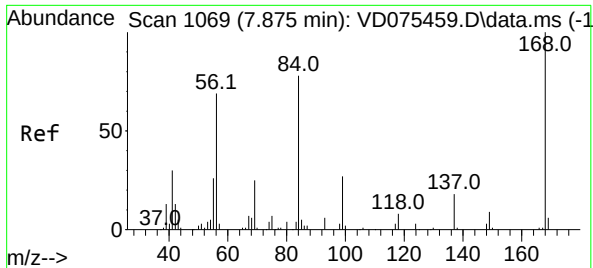
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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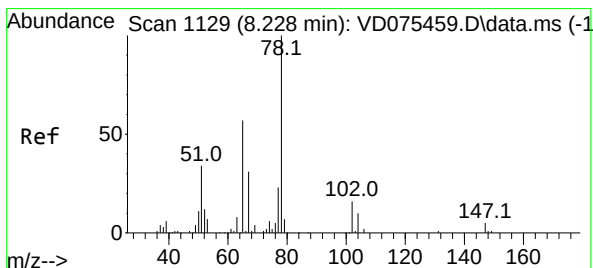
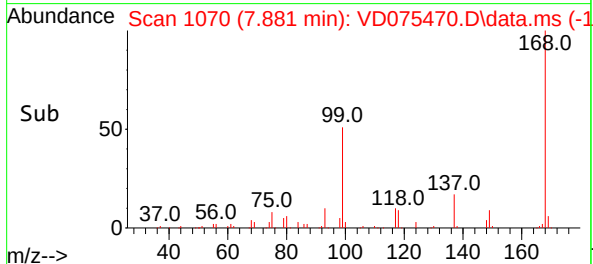
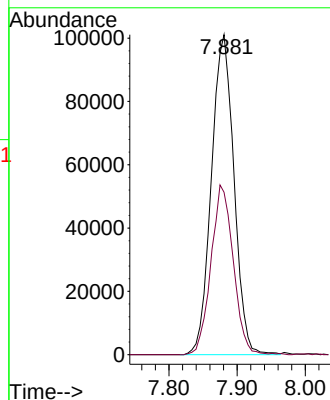
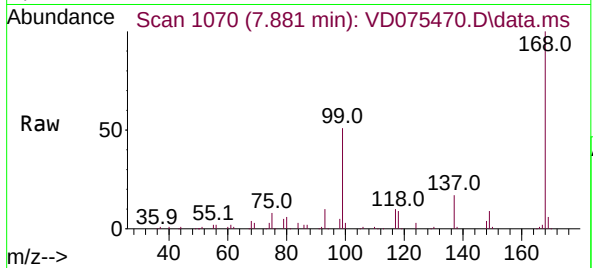




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075470.D
Acq: 08 Mar 2023 15:34

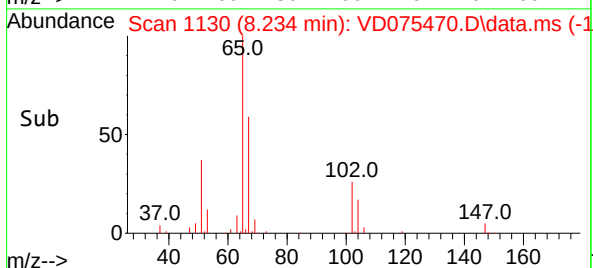
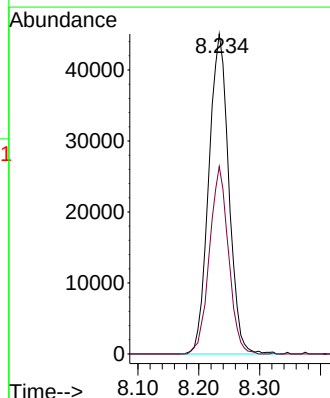
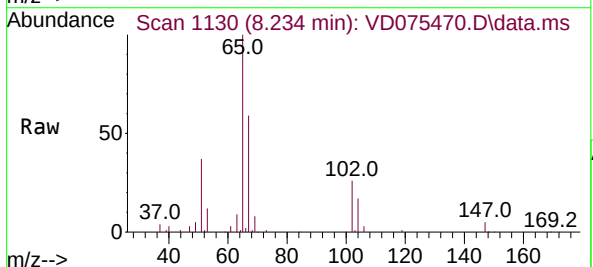
Instrument :
MSVOA_D
ClientSampleId :
46

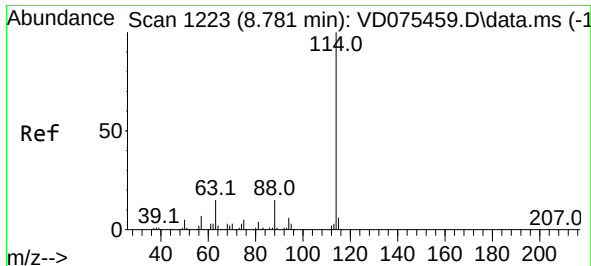
Tgt Ion:168 Resp: 233072
Ion Ratio Lower Upper
168 100
99 50.8 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 70.863 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075470.D
Acq: 08 Mar 2023 15:34

Tgt Ion: 65 Resp: 102800
Ion Ratio Lower Upper
65 100
67 55.7 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075470.D

Acq: 08 Mar 2023 15:34

Instrument :

MSVOA_D

ClientSampleId :

46

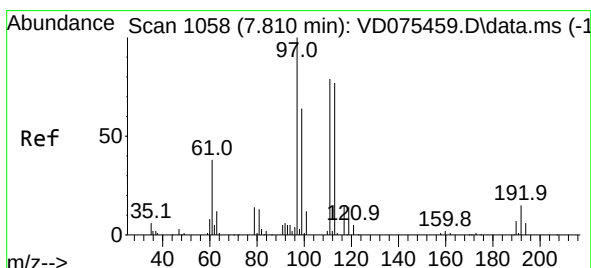
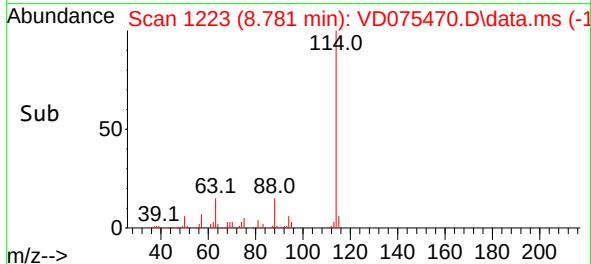
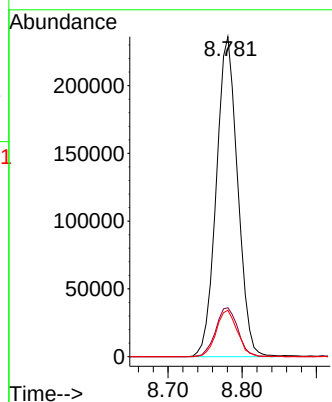
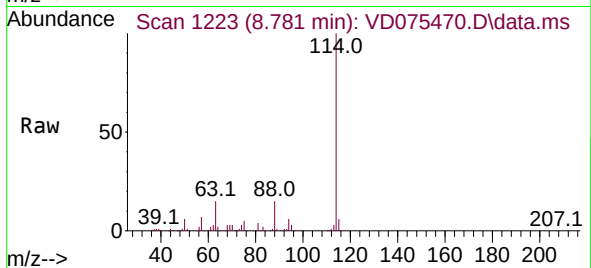
Tgt Ion:114 Resp: 471440

Ion Ratio Lower Upper

114 100

63 15.3 0.0 41.6

88 14.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.557 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075470.D

Acq: 08 Mar 2023 15:34

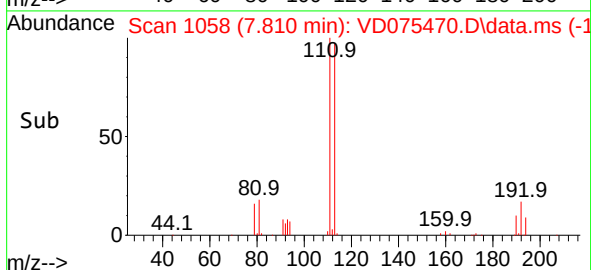
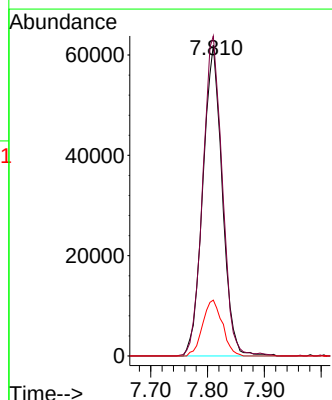
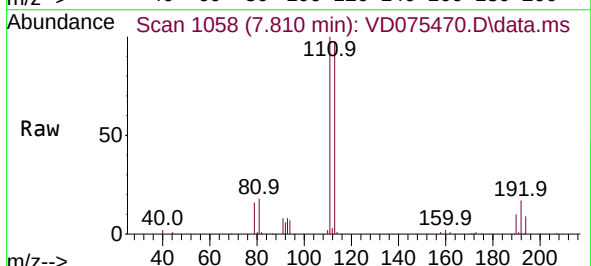
Tgt Ion:113 Resp: 146305

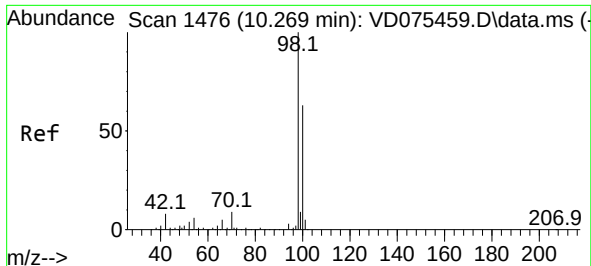
Ion Ratio Lower Upper

113 100

111 103.6 81.4 122.0

192 18.3 15.2 22.8

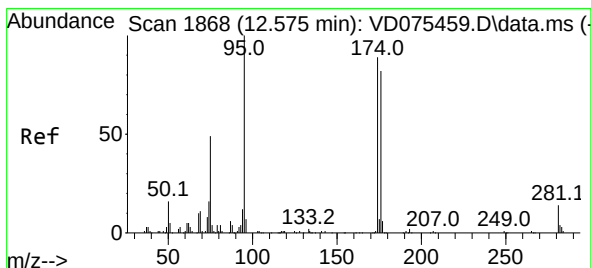
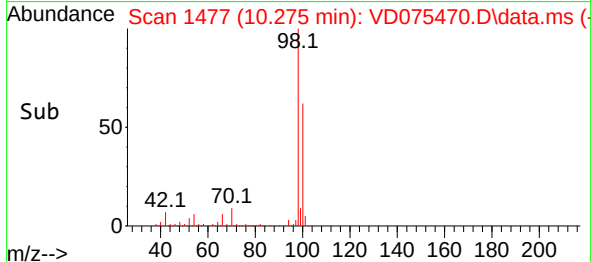
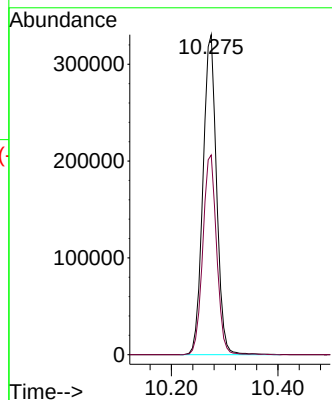
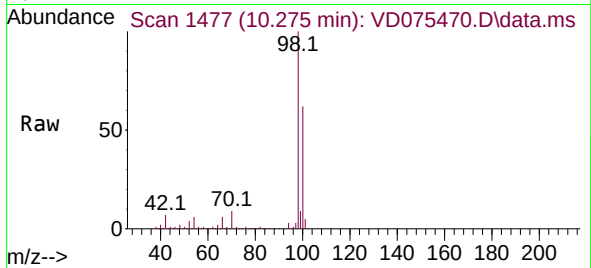




#50
Toluene-d8
Concen: 59.181 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD075470.D
Acq: 08 Mar 2023 15:34

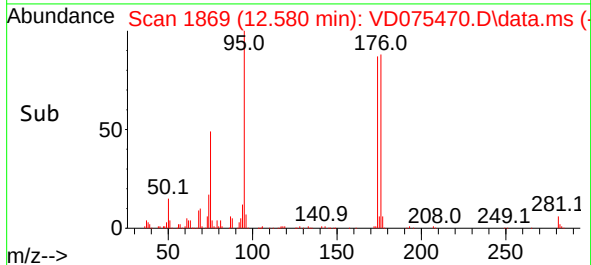
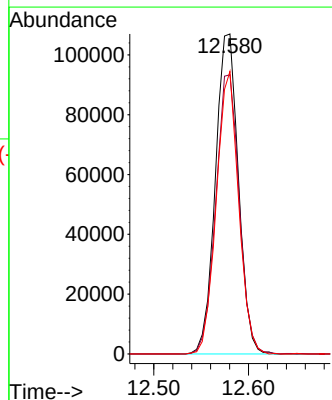
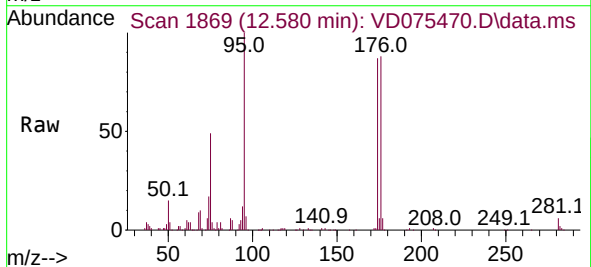
Instrument :
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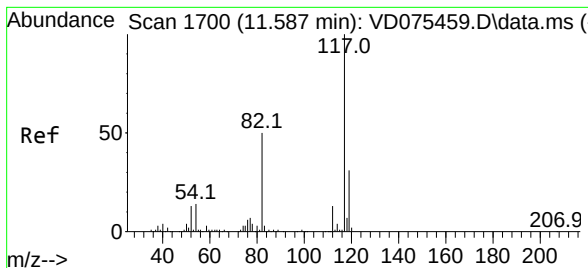
Tgt Ion: 98 Resp: 585396
Ion Ratio Lower Upper
98 100
100 63.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 60.443 ug/l
RT: 12.580 min Scan# 1869
Delta R.T. 0.005 min
Lab File: VD075470.D
Acq: 08 Mar 2023 15:34

Tgt Ion: 95 Resp: 180798
Ion Ratio Lower Upper
95 100
174 88.8 0.0 164.0
176 85.2 0.0 156.8

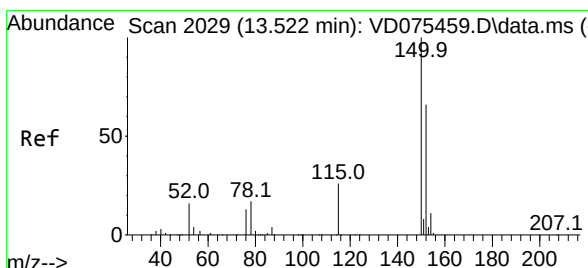
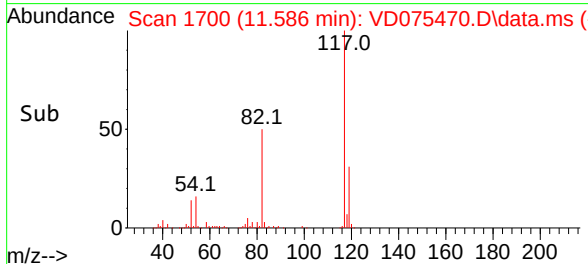
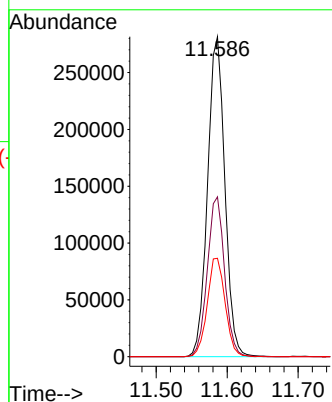
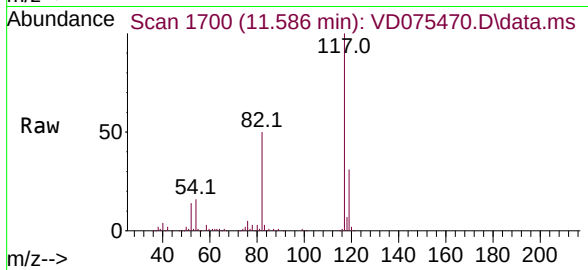




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD075470.D
Acq: 08 Mar 2023 15:34

Instrument :
MSVOA_D
ClientSampleId :
46

Tgt Ion:117 Resp: 476052
Ion Ratio Lower Upper
117 100
82 49.9 44.0 66.0
119 30.7 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: VD075470.D
Acq: 08 Mar 2023 15:34

Tgt Ion:152 Resp: 215023
Ion Ratio Lower Upper
152 100
115 56.0 30.1 90.3
150 158.6 0.0 364.8

