

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012623\
 Data File : VD075208.D
 Acq On : 26 Jan 2023 13:49
 Operator : KP/SY
 Sample : VD0126SBL06
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0126SBL06

Quant Time: Jan 27 00:24:22 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	7.875	168	85417	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	156962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	145915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	64424	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	42447	48.699	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.400%
35) Dibromofluoromethane	7.811	113	46391	48.911	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.820%
50) Toluene-d8	10.269	98	188739	50.539	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.080%
62) 4-Bromofluorobenzene	12.575	95	59658	50.335	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.680%

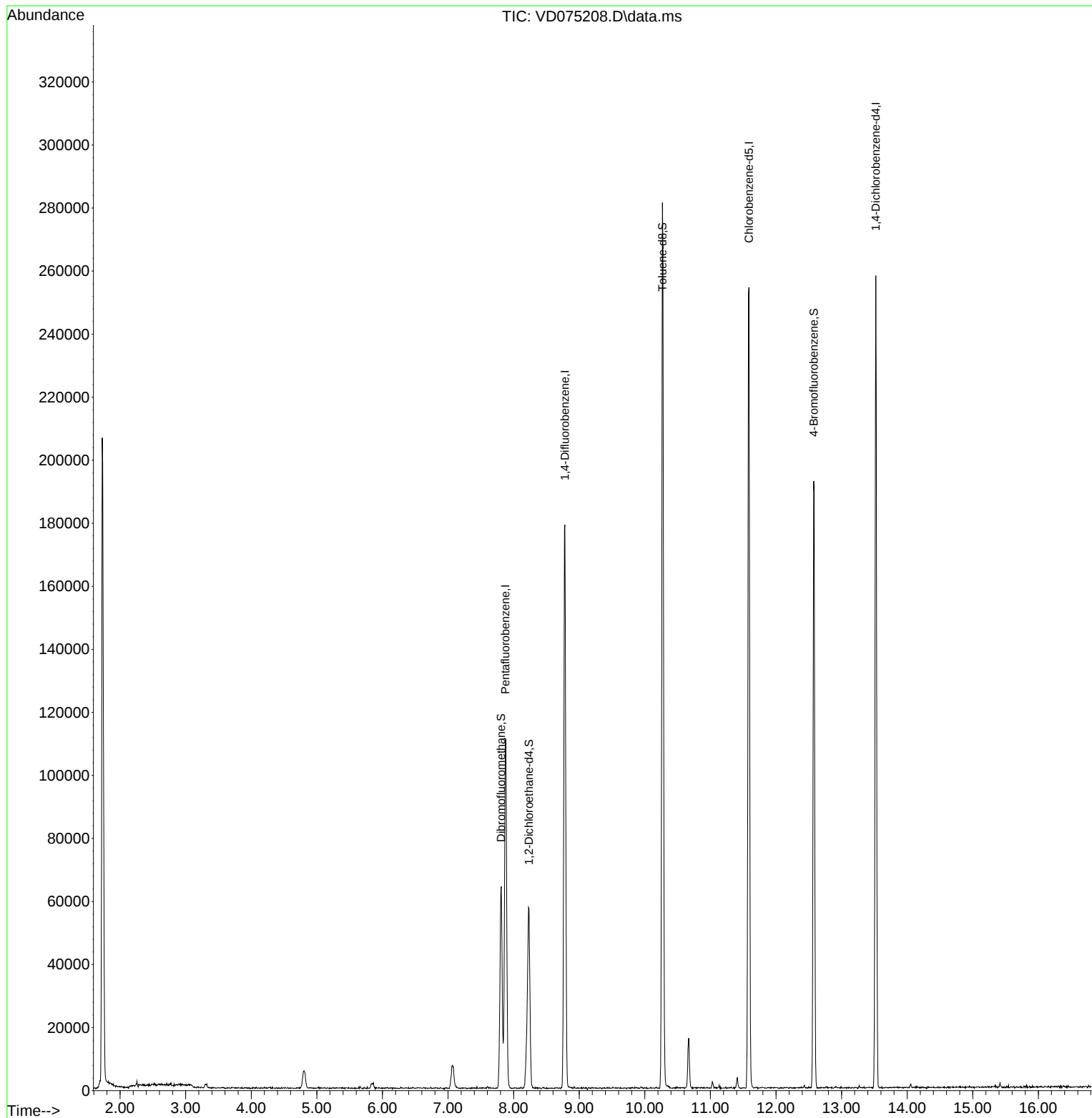
Target Compounds	Qvalue

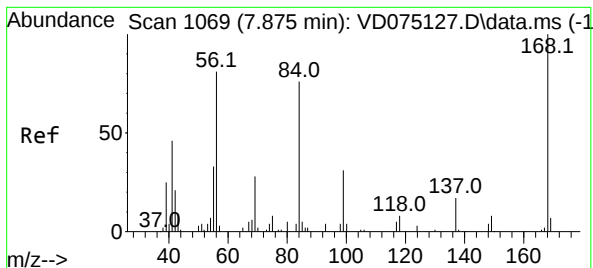
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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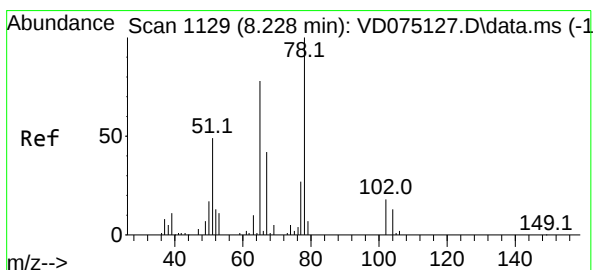
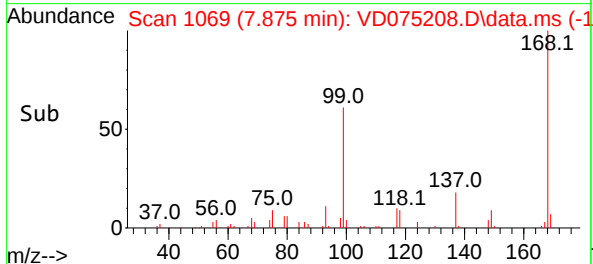
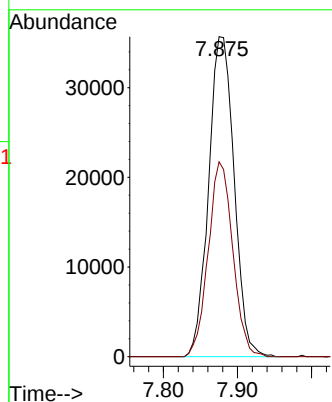
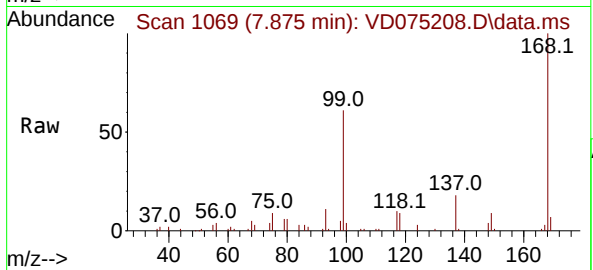




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD075208.D
Acq: 26 Jan 2023 13:49

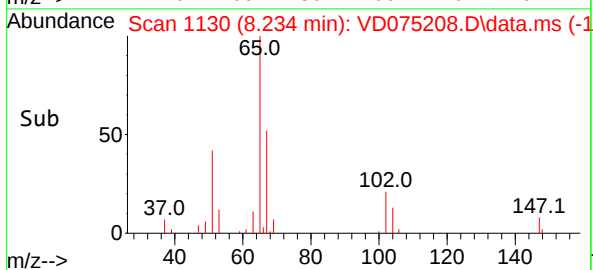
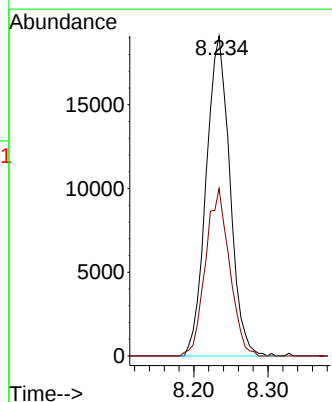
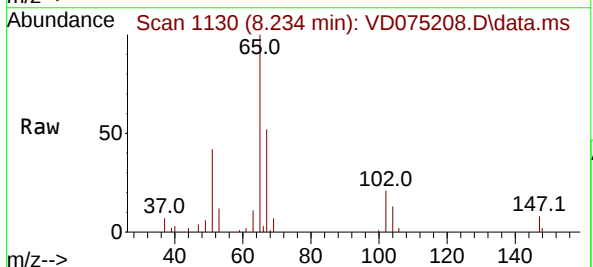
Instrument :
MSVOA_D
ClientSampleId :
VD0126SBL06

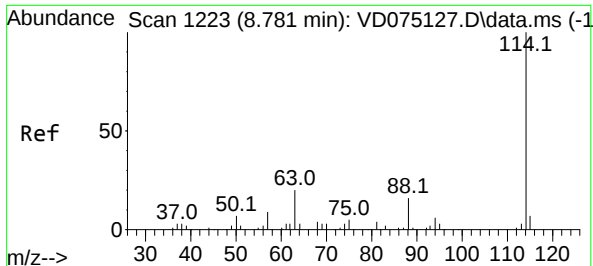
Tgt Ion:168 Resp: 85417
Ion Ratio Lower Upper
168 100
99 60.9 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 48.699 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075208.D
Acq: 26 Jan 2023 13:49

Tgt Ion: 65 Resp: 42447
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075208.D

Acq: 26 Jan 2023 13:49

Instrument :

MSVOA_D

ClientSampleId :

VD0126SBL06

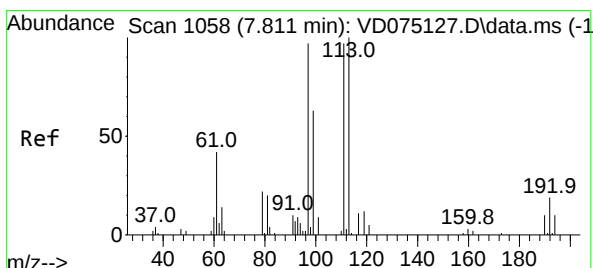
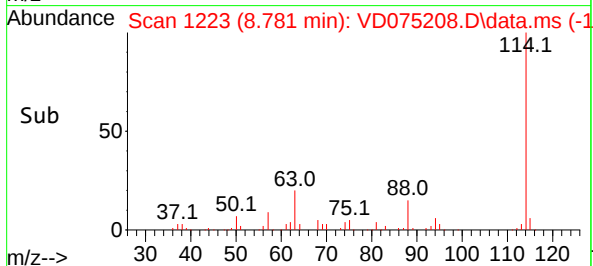
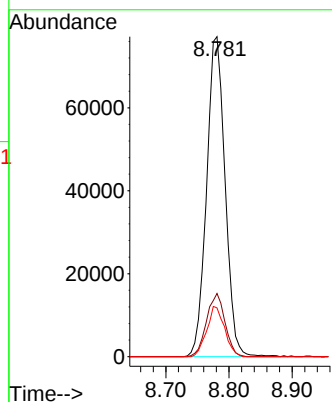
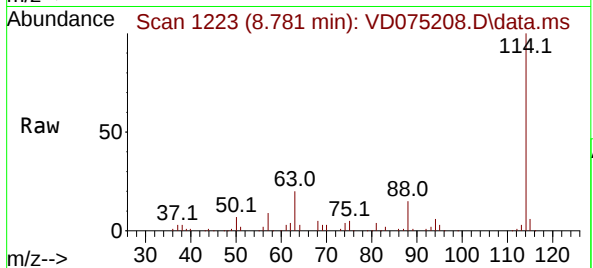
Tgt Ion:114 Resp: 156962

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.2

88 15.3 0.0 32.2



#35

Dibromofluoromethane

Concen: 48.911 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD075208.D

Acq: 26 Jan 2023 13:49

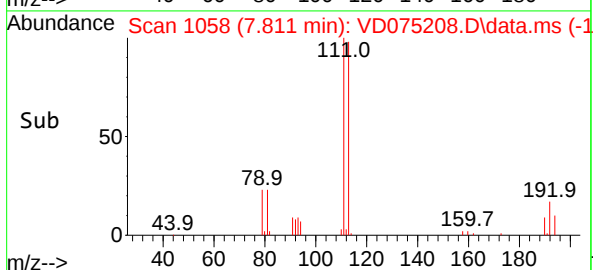
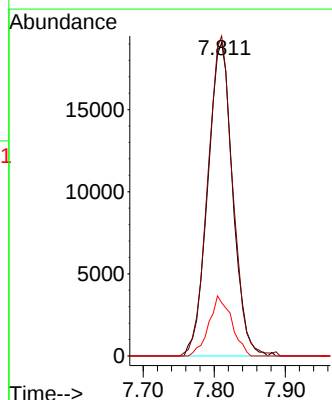
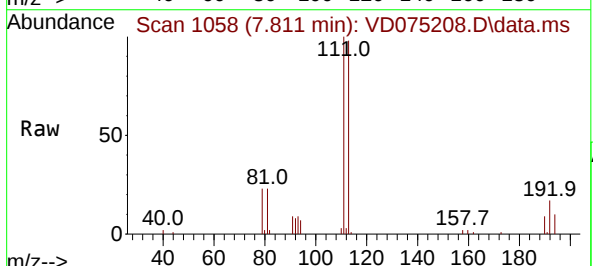
Tgt Ion:113 Resp: 46391

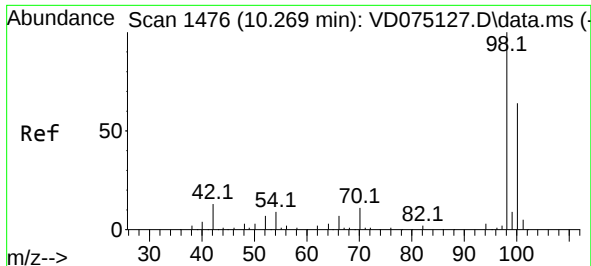
Ion Ratio Lower Upper

113 100

111 102.2 80.1 120.1

192 17.5 15.4 23.0

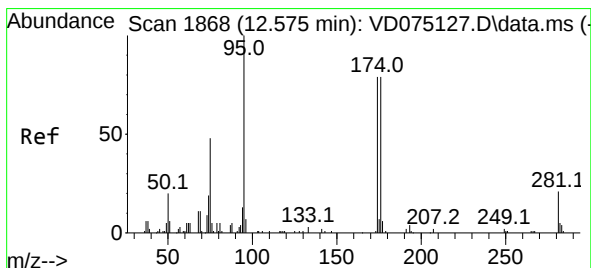
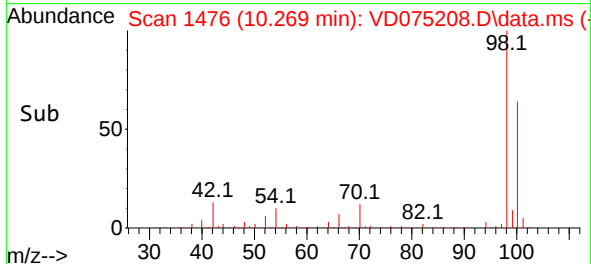
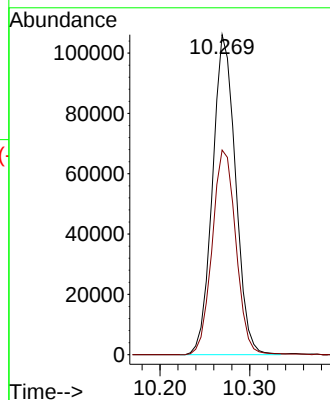
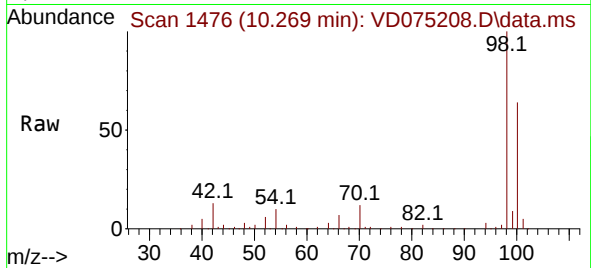




#50
Toluene-d8
Concen: 50.539 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075208.D
Acq: 26 Jan 2023 13:49

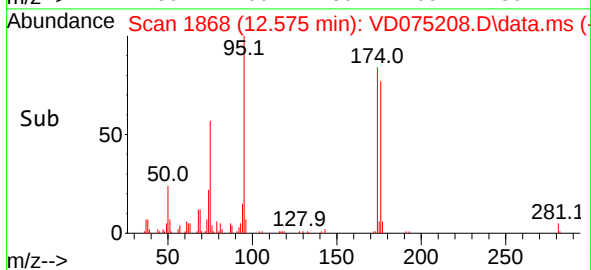
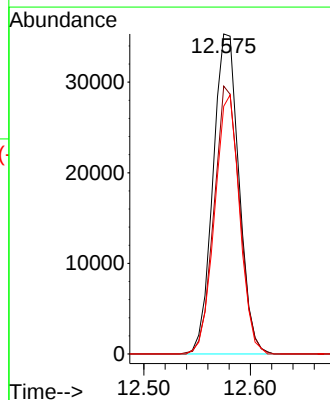
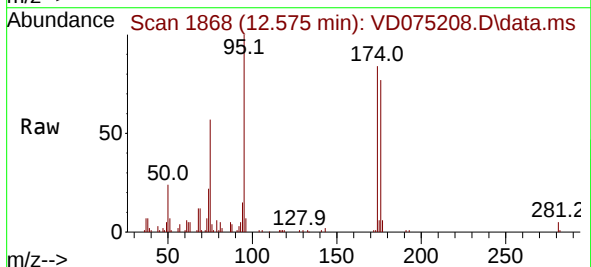
Instrument :
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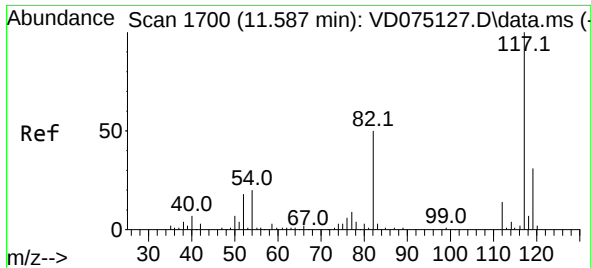
Tgt Ion: 98 Resp: 188739
Ion Ratio Lower Upper
98 100
100 66.1 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 50.335 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075208.D
Acq: 26 Jan 2023 13:49

Tgt Ion: 95 Resp: 59658
Ion Ratio Lower Upper
95 100
174 82.4 0.0 161.2
176 78.0 0.0 160.2

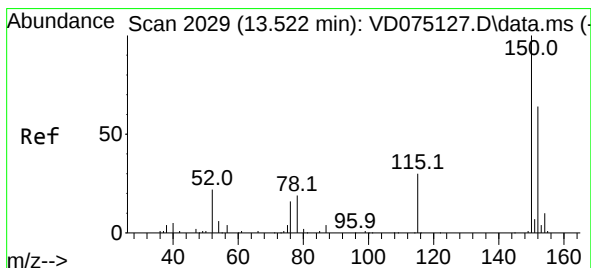
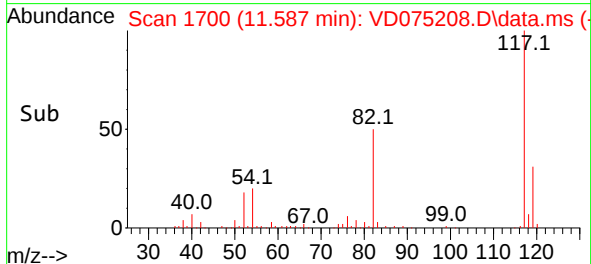
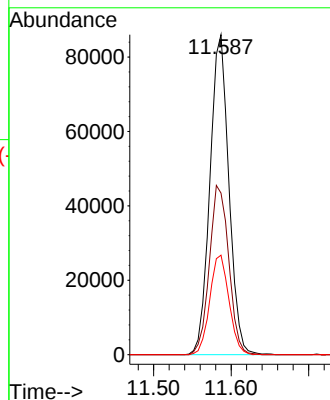
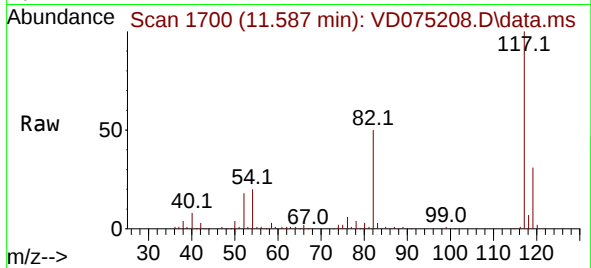




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075208.D
Acq: 26 Jan 2023 13:49

Instrument :
MSVOA_D
ClientSampleId :
VD0126SBL06

Tgt Ion:117 Resp: 145915
Ion Ratio Lower Upper
117 100
82 50.5 39.6 59.4
119 31.1 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: VD075208.D
Acq: 26 Jan 2023 13:49

Tgt Ion:152 Resp: 64424
Ion Ratio Lower Upper
152 100
115 59.9 28.8 86.4
150 156.8 0.0 348.6

