

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012722\
 Data File : VD071793.D
 Acq On : 27 Jan 2022 11:18
 Operator : VA/SY
 Sample : VD0127SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0127SBL01

Quant Time: Jan 27 15:36:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	388441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	689395	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	646354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	275505	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	279641	56.957	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.920%
35) Dibromofluoromethane	7.914	113	229770	50.704	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.400%
50) Toluene-d8	10.338	98	856818	50.627	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.260%
62) 4-Bromofluorobenzene	12.626	95	277991	47.037	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.080%

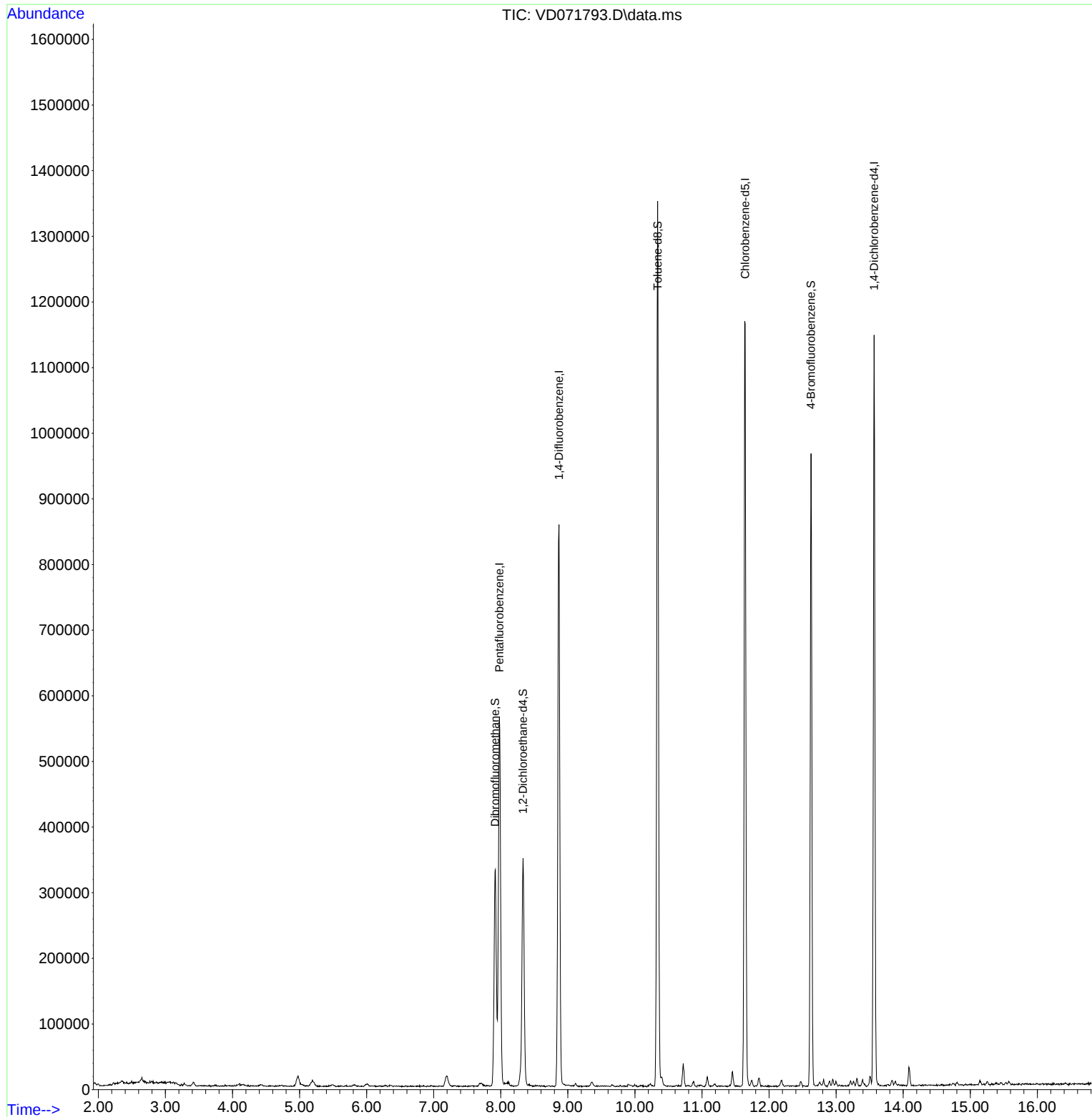
Target Compounds	Qvalue

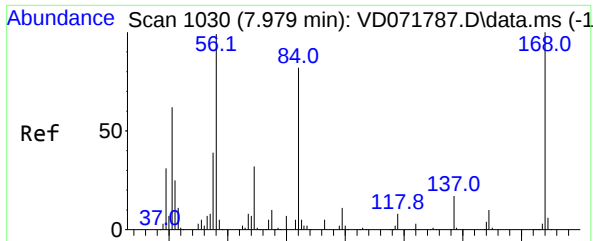
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD071793.D

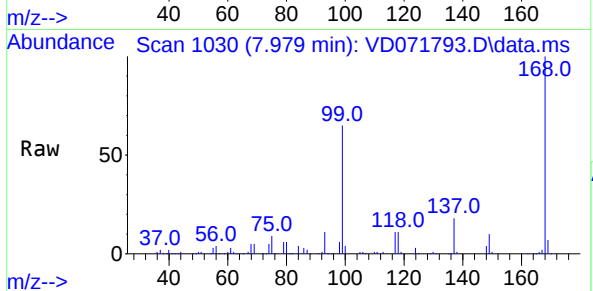
Acq: 27 Jan 2022 11:18

Instrument :

MSVOA_D

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VD0127SBL01

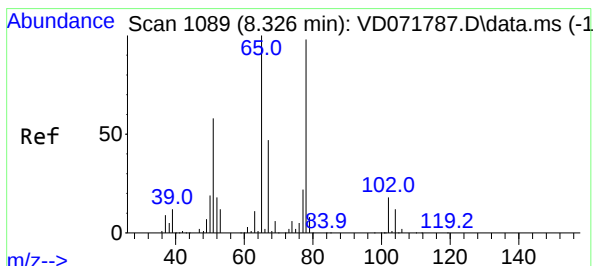
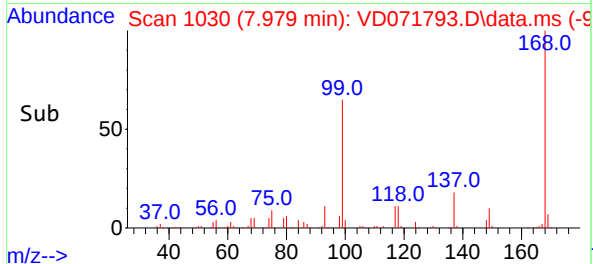
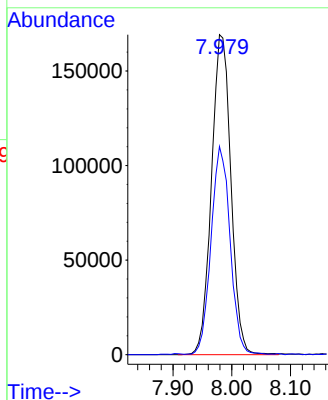


Tgt Ion:168 Resp: 388441

Ion Ratio Lower Upper

168 100

99 64.8 49.8 74.6



1,2-Dichloroethane-d4

Concen: 56.957 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD071793.D

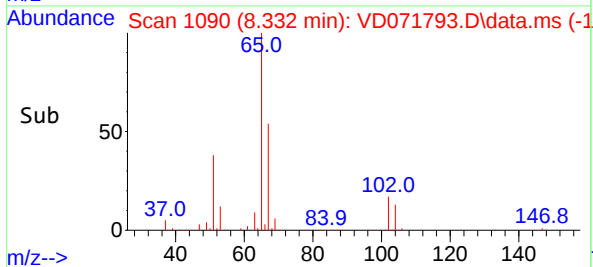
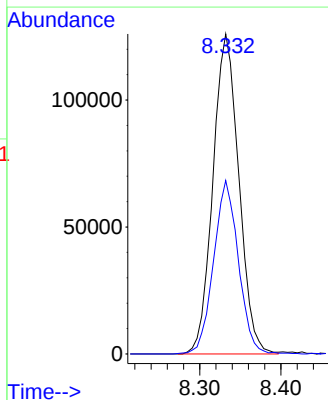
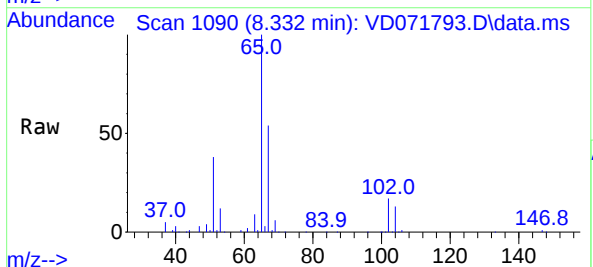
Acq: 27 Jan 2022 11:18

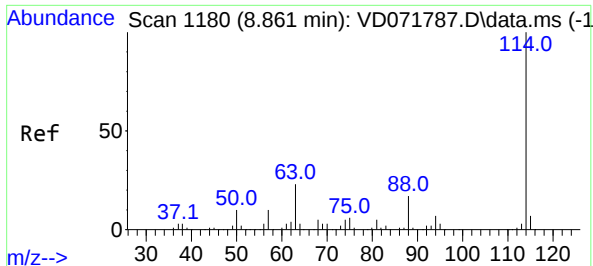
Tgt Ion: 65 Resp: 279641

Ion Ratio Lower Upper

65 100

67 51.9 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD071793.D

Acq: 27 Jan 2022 11:18

Instrument :

MSVOA_D

ClientSampleId :

VD0127SBL01

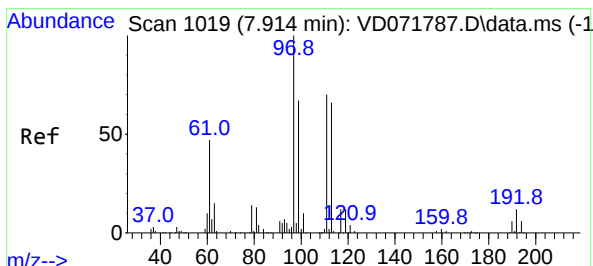
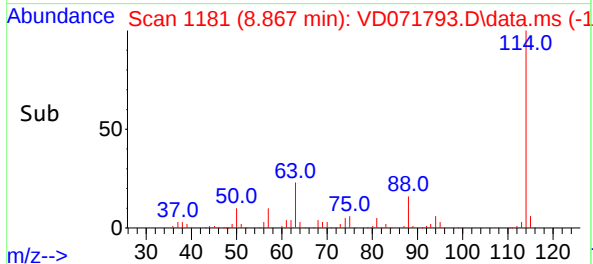
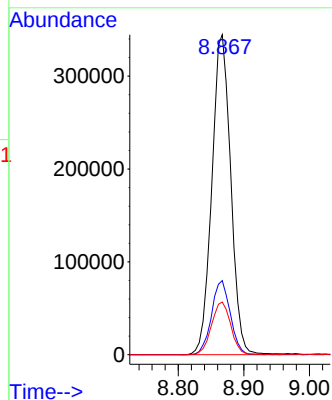
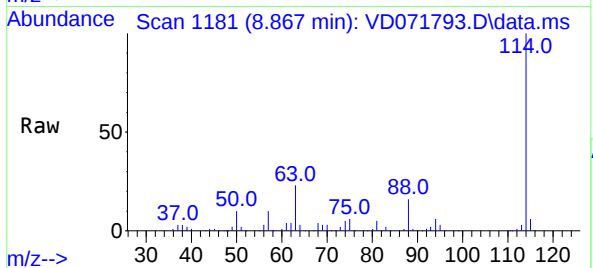
Tgt Ion:114 Resp: 689395

Ion Ratio Lower Upper

114 100

63 23.1 0.0 46.6

88 16.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.704 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD071793.D

Acq: 27 Jan 2022 11:18

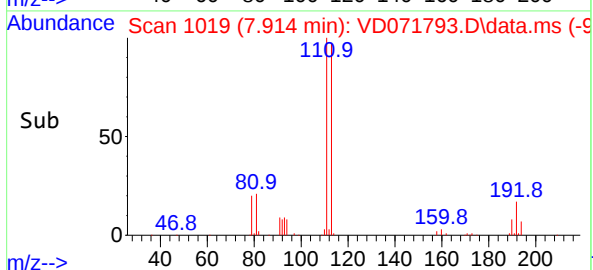
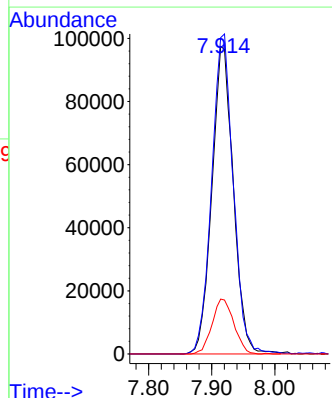
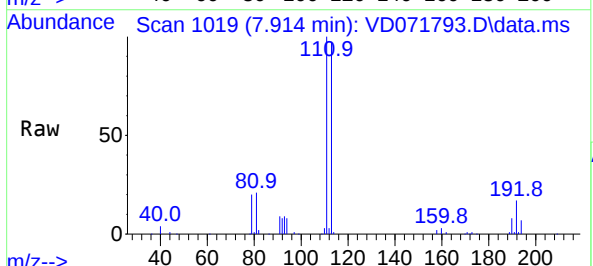
Tgt Ion:113 Resp: 229770

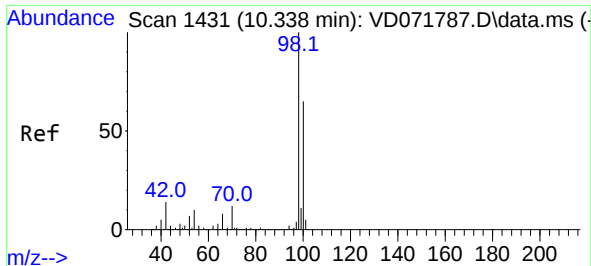
Ion Ratio Lower Upper

113 100

111 104.7 83.8 125.6

192 18.1 14.6 21.8

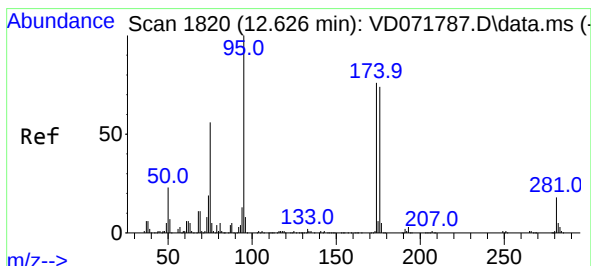
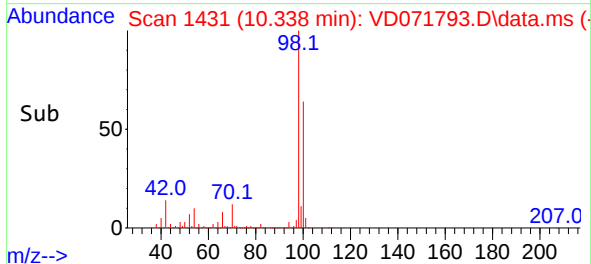
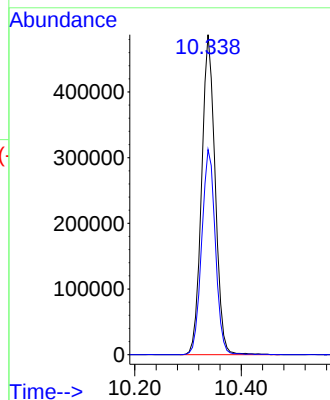
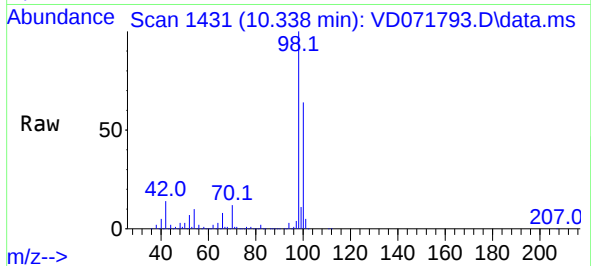




#50
Toluene-d8
Concen: 50.627 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071793.D
Acq: 27 Jan 2022 11:18

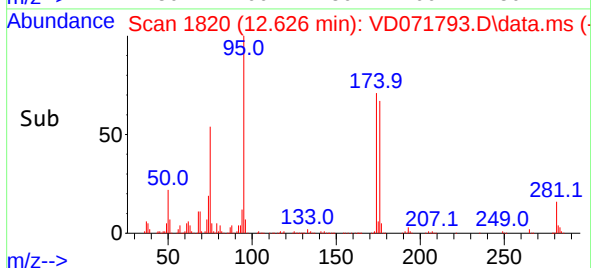
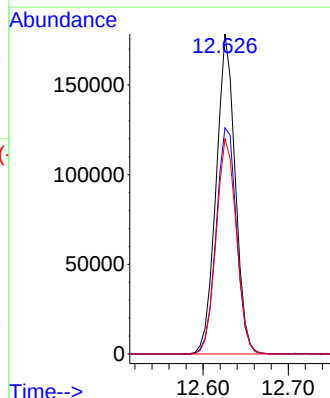
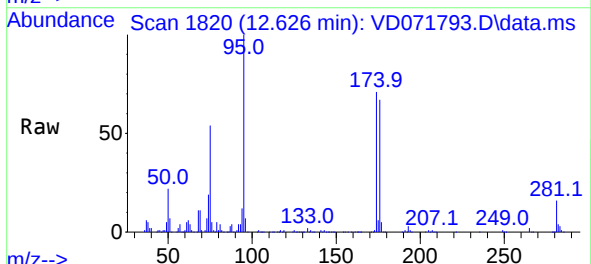
Instrument :
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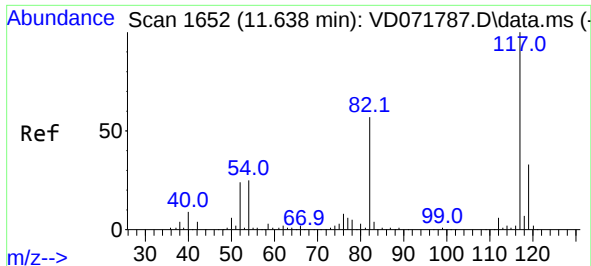
Tgt Ion: 98 Resp: 856818
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 47.037 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071793.D
Acq: 27 Jan 2022 11:18

Tgt Ion: 95 Resp: 277991
Ion Ratio Lower Upper
95 100
174 75.4 0.0 152.8
176 71.3 0.0 145.4

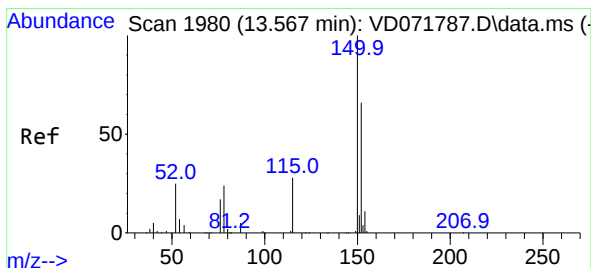
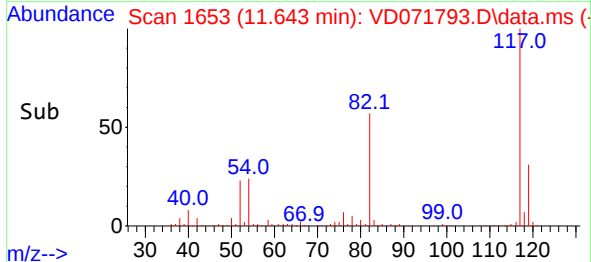
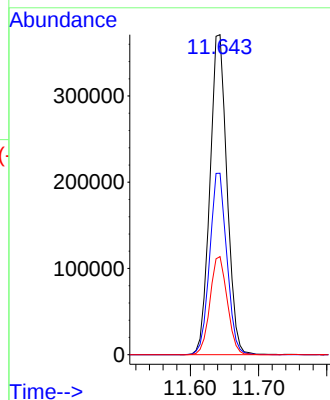
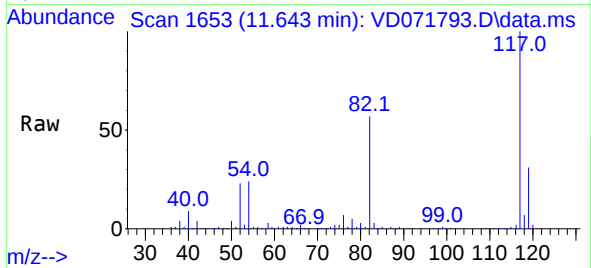




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD071793.D
Acq: 27 Jan 2022 11:18

Instrument :
MSVOA_D
ClientSampleId :
VD0127SBL01

Tgt Ion:117 Resp: 646354
Ion Ratio Lower Upper
117 100
82 56.7 45.3 67.9
119 30.6 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071793.D
Acq: 27 Jan 2022 11:18

Tgt Ion:152 Resp: 275505
Ion Ratio Lower Upper
152 100
115 61.6 31.3 93.8
150 158.6 0.0 348.6

