

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111221\
 Data File : VW020880.D
 Acq On : 13 Nov 2021 02:02
 Operator : SY/VA
 Sample : M4654-08
 Misc : 5.98g/5mL/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PARKINGLOT-TOP-U-SP-1-4

Quant Time: Nov 15 00:15:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 13 07:30:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.946	168	74145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	106726	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	92218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	41270	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	33679	54.928	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.860%
35) Dibromofluoromethane	7.885	113	30960	51.889	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.780%
50) Toluene-d8	10.323	98	107764	46.163	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.320%
62) 4-Bromofluorobenzene	12.615	95	35197	41.791	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.580%

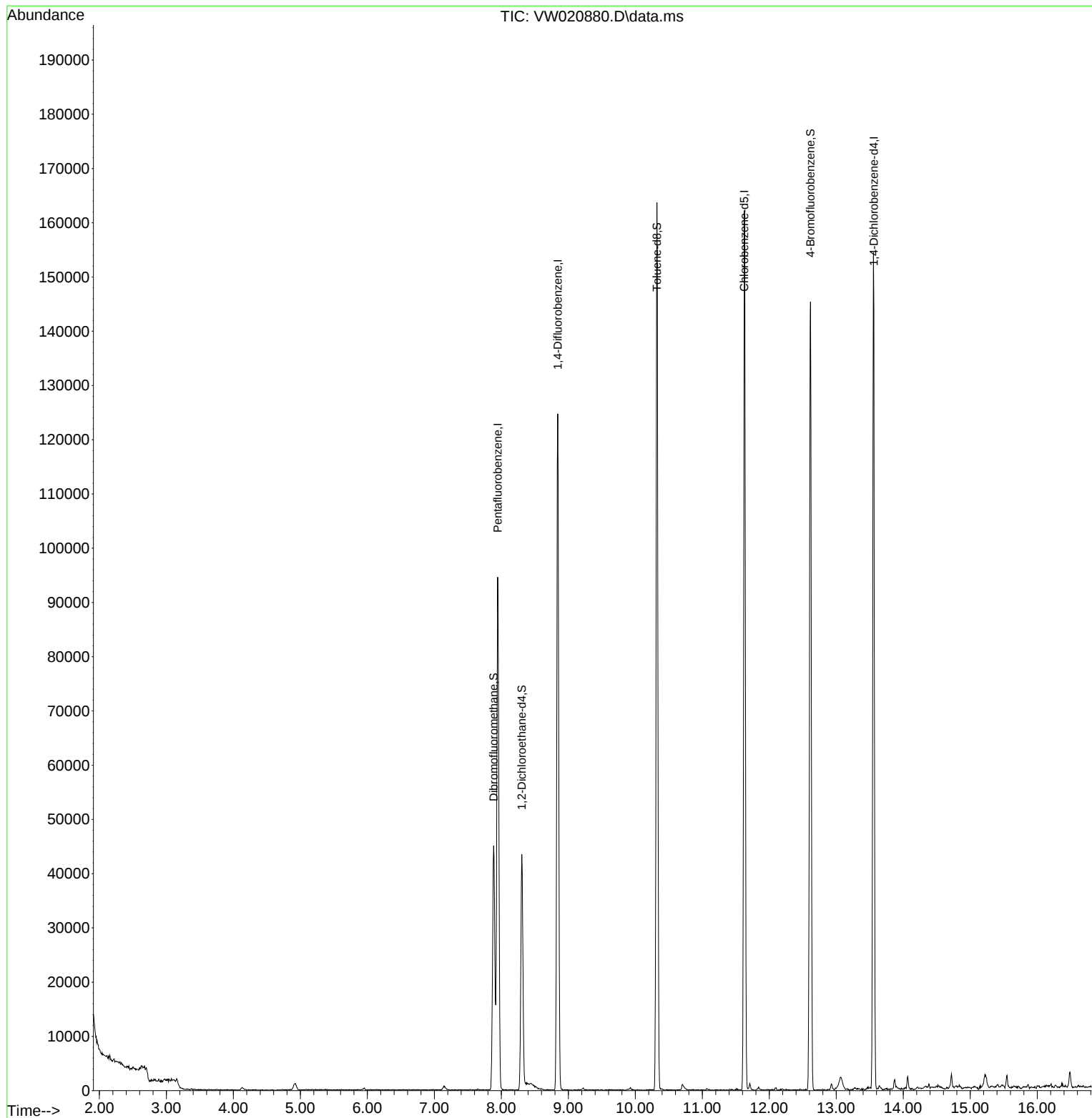
Target Compounds	Qvalue

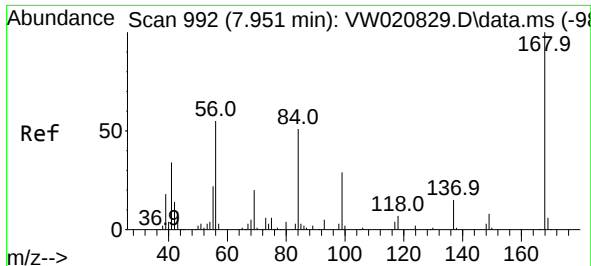
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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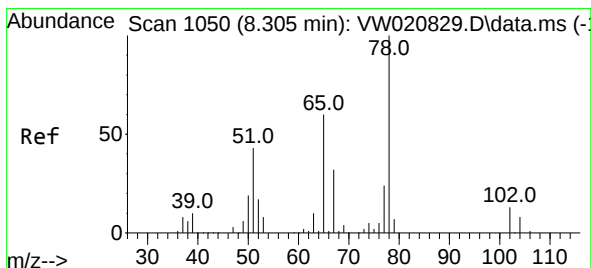
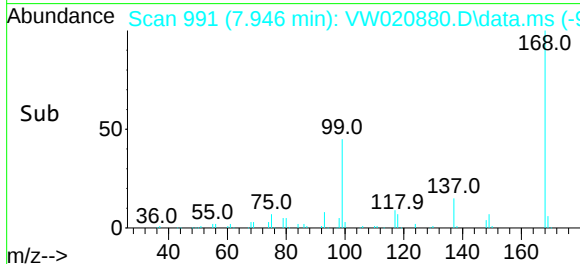
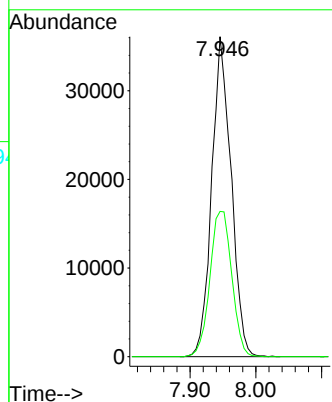
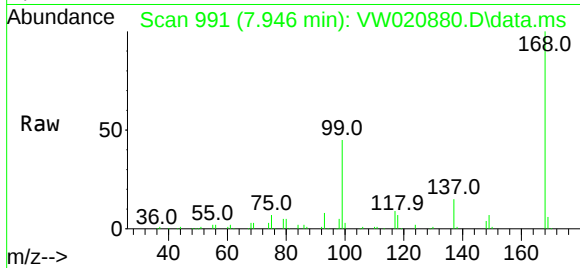




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.946 min Scan# 991
Delta R.T. -0.005 min
Lab File: VW020880.D
Acq: 13 Nov 2021 02:02

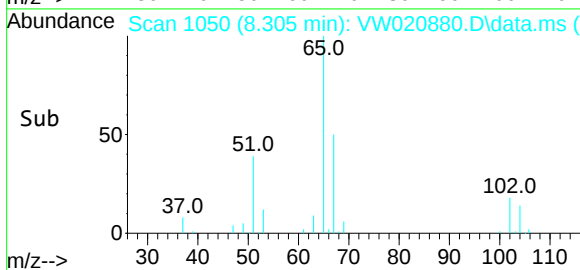
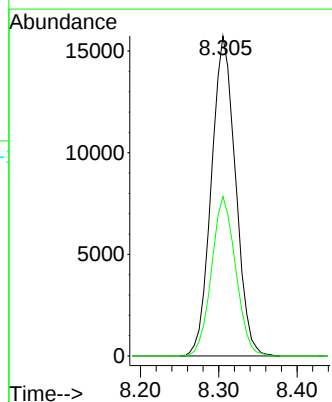
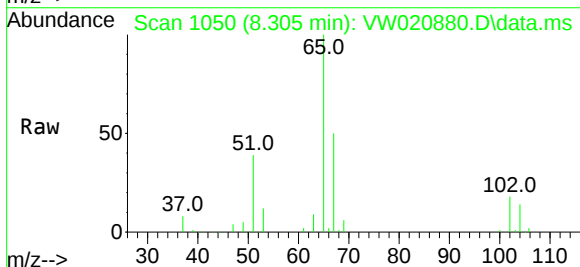
Instrument :
MSVOA_W
ClientSampleId :
PARKINGLOT-TOP-U-SP-1-4

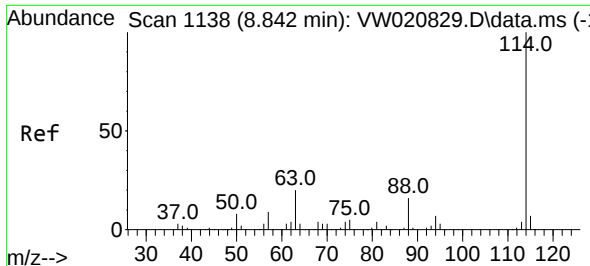
Tgt Ion:168 Resp: 74145
Ion Ratio Lower Upper
168 100
99 45.4 45.4 68.0



#33
1,2-Dichloroethane-d4
Concen: 54.928 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW020880.D
Acq: 13 Nov 2021 02:02

Tgt Ion: 65 Resp: 33679
Ion Ratio Lower Upper
65 100
67 49.8 0.0 102.2

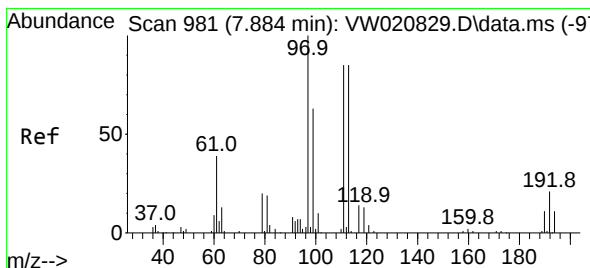
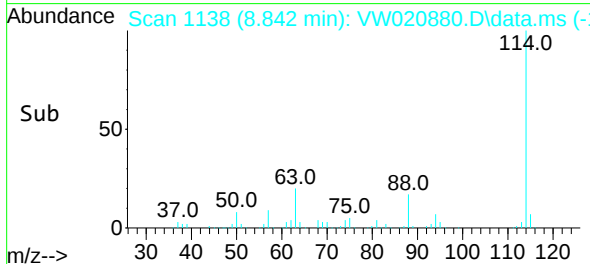
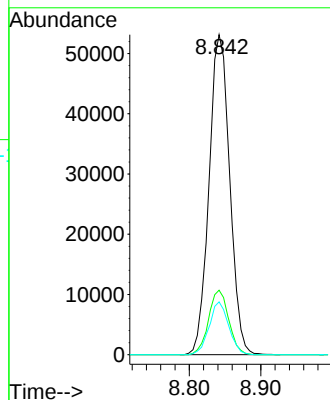
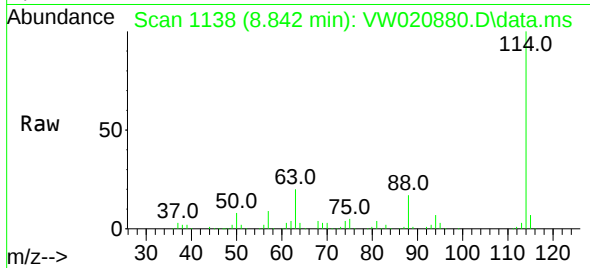




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. 0.000 min
Lab File: VW020880.D
Acq: 13 Nov 2021 02:02

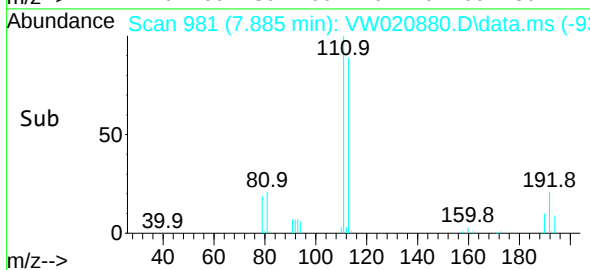
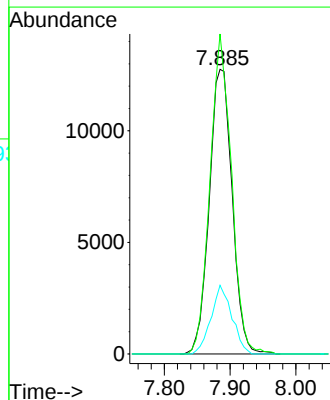
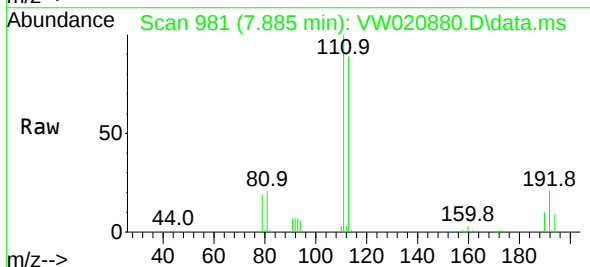
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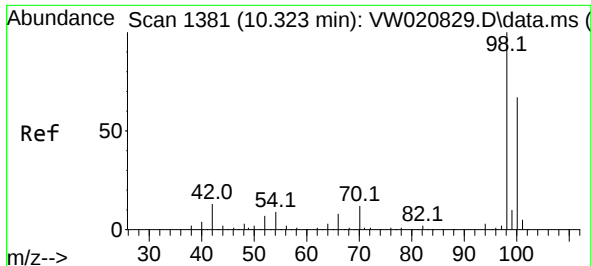
Tgt Ion:114 Resp: 106726
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.8
88 16.5 0.0 33.0



#35
Dibromofluoromethane
Concen: 51.889 ug/l
RT: 7.885 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW020880.D
Acq: 13 Nov 2021 02:02

Tgt Ion:113 Resp: 30960
Ion Ratio Lower Upper
113 100
111 104.9 82.1 123.1
192 22.0 17.8 26.8

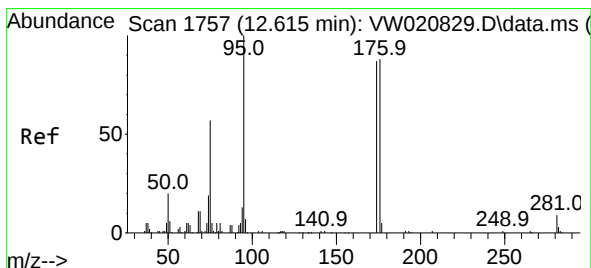
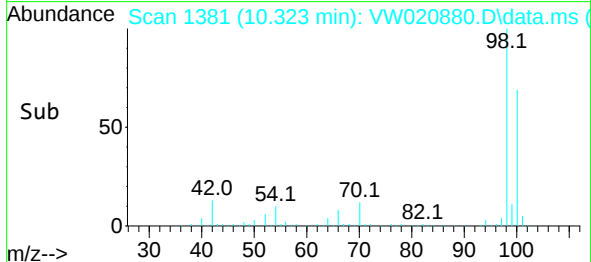
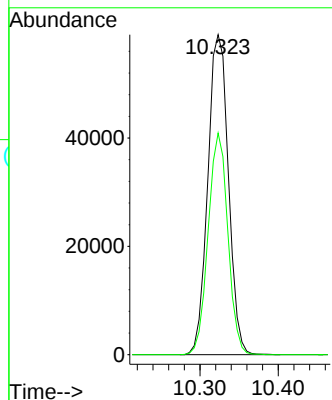
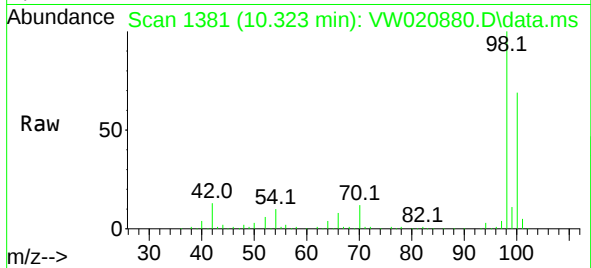




#50
Toluene-d8
Concen: 46.163 ug/l
RT: 10.323 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW020880.D
Acq: 13 Nov 2021 02:02

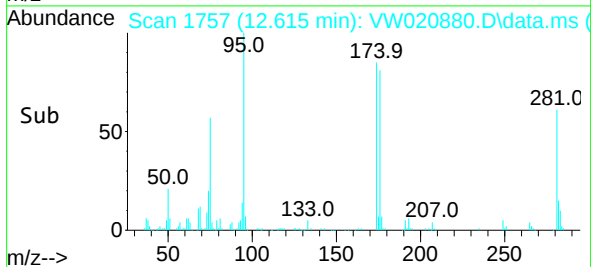
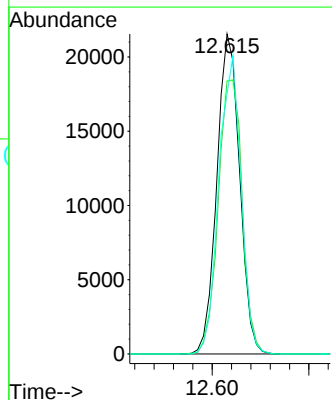
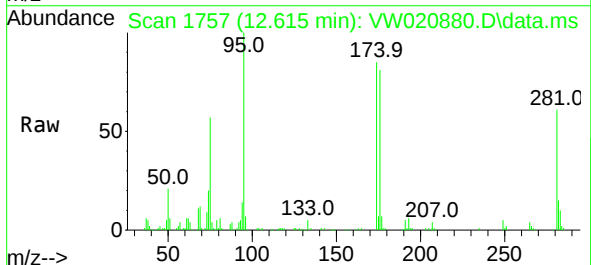
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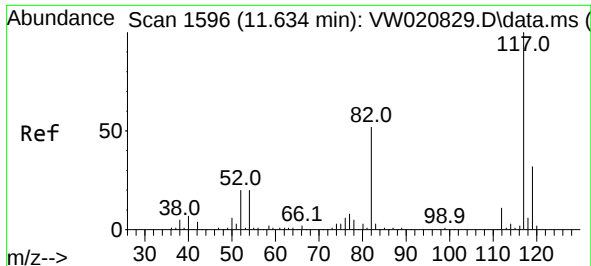
Tgt Ion: 98 Resp: 107764
Ion Ratio Lower Upper
98 100
100 66.2 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 41.791 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020880.D
Acq: 13 Nov 2021 02:02

Tgt Ion: 95 Resp: 35197
Ion Ratio Lower Upper
95 100
174 90.0 0.0 166.4
176 91.2 0.0 159.8

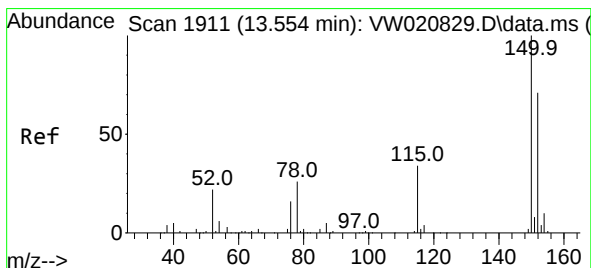
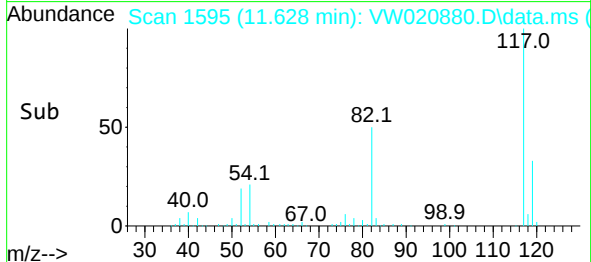
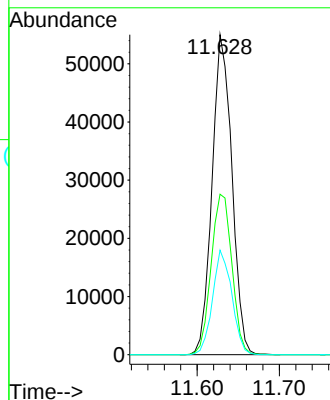
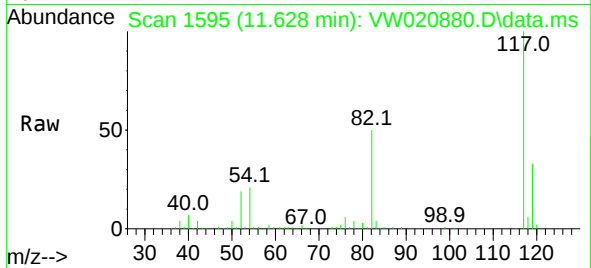




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.628 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW020880.D
Acq: 13 Nov 2021 02:02

Instrument :
MSVOA_W
ClientSampleId :
PARKINGLOT-TOP-U-SP-1-4

Tgt Ion:117 Resp: 92218
Ion Ratio Lower Upper
117 100
82 50.2 45.6 68.4
119 32.6 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VW020880.D
Acq: 13 Nov 2021 02:02

Tgt Ion:152 Resp: 41270
Ion Ratio Lower Upper
152 100
115 56.4 29.6 88.9
150 159.4 0.0 352.6

