

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112221\
 Data File : VW020945.D
 Acq On : 22 Nov 2021 18:37
 Operator : SY/VA
 Sample : M4804-01
 Misc : 5.08g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 40442

Quant Time: Nov 23 02:26:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 05:03:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	91636	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	137948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.627	117	122008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	60737	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	41131	48.457	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.920%
35) Dibromofluoromethane	7.884	113	39937	46.155	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.300%
50) Toluene-d8	10.323	98	147508	46.481	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.960%
62) 4-Bromofluorobenzene	12.615	95	64111	54.169	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.340%

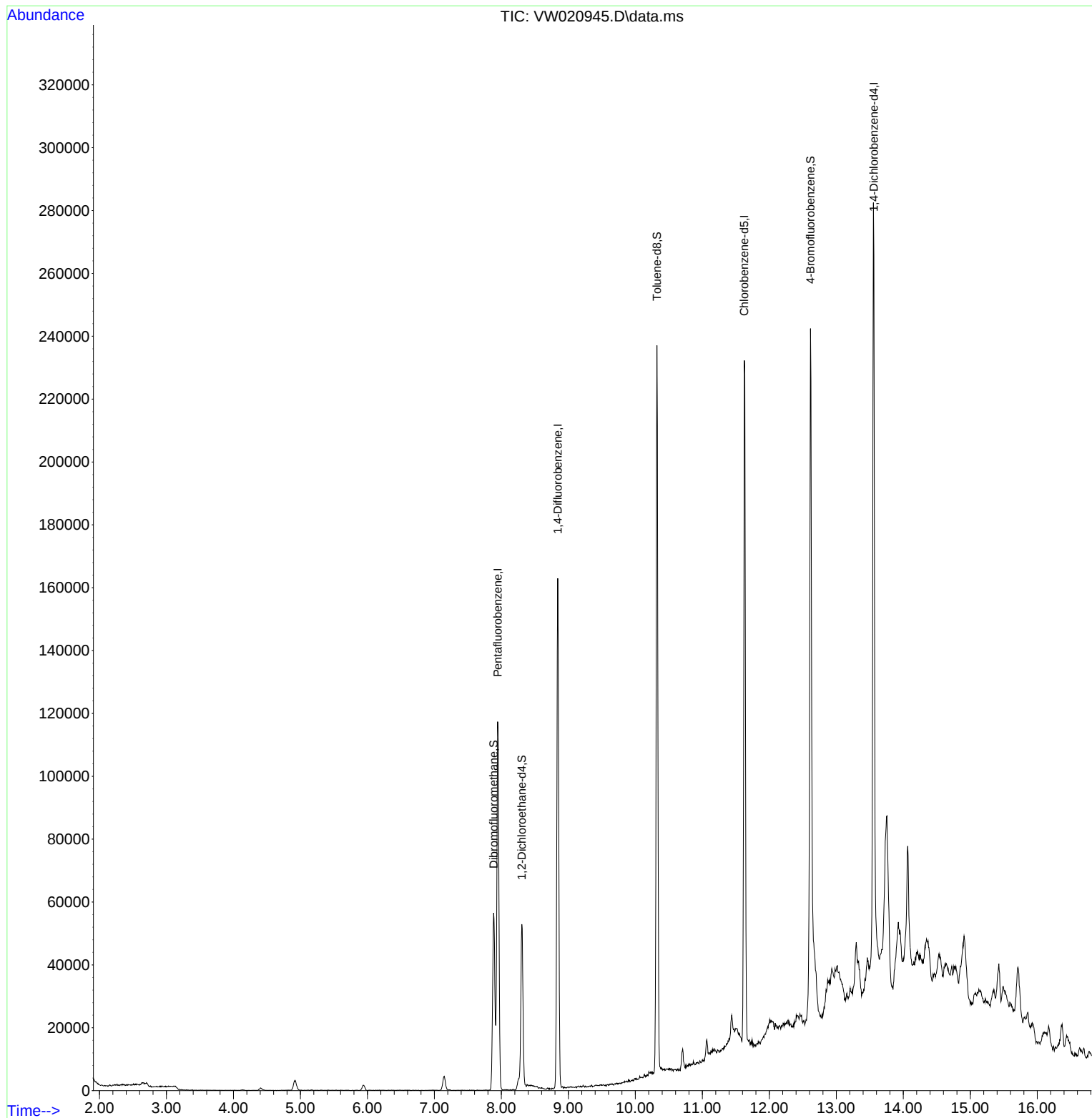
Target Compounds	Qvalue

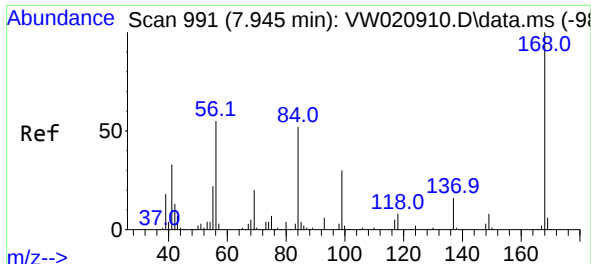
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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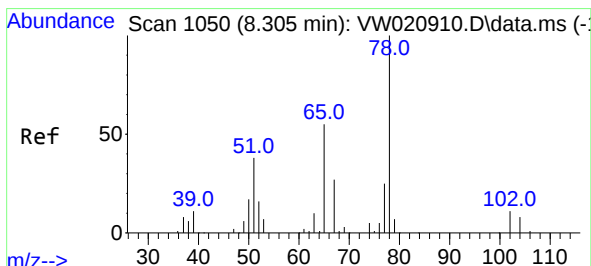
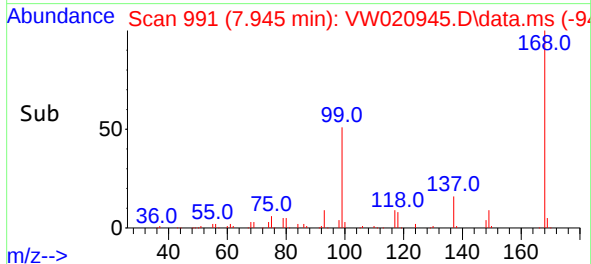
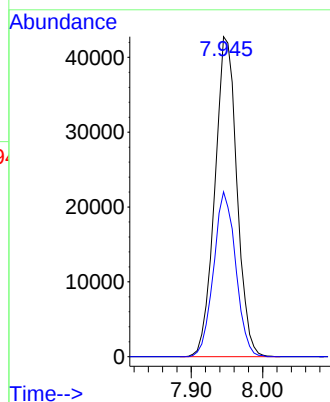
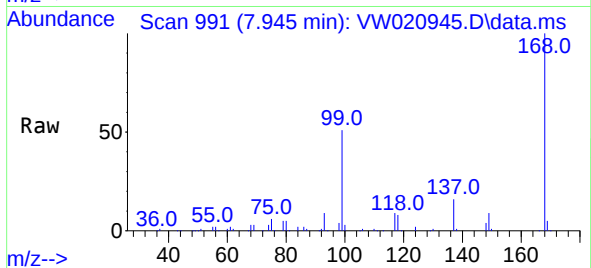




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.945 min Scan# 991
Delta R.T. 0.000 min
Lab File: VW020945.D
Acq: 22 Nov 2021 18:37

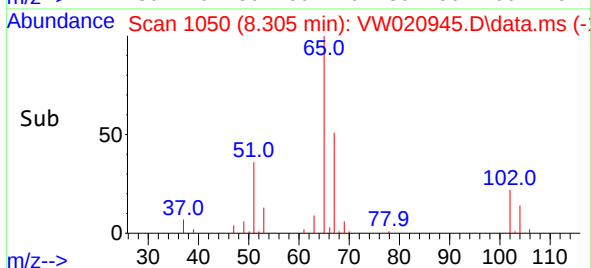
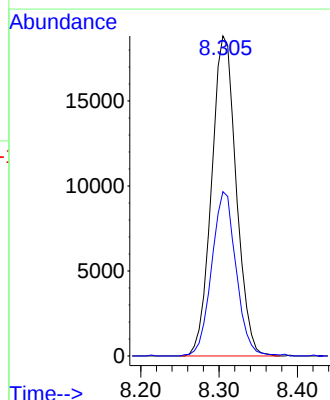
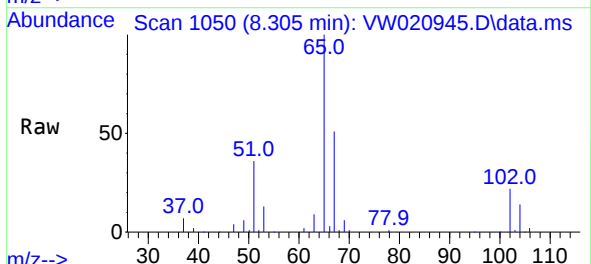
Instrument :
MSVOA_W
ClientSampleId :
40442

Tgt Ion:168 Resp: 91636
Ion Ratio Lower Upper
168 100
99 51.5 41.6 62.4

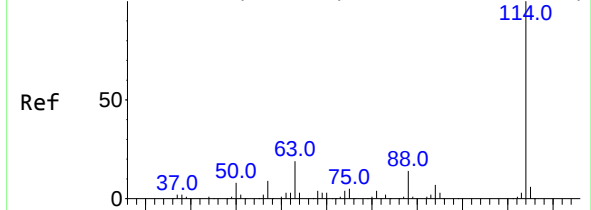


#33
1,2-Dichloroethane-d4
Concen: 48.457 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VW020945.D
Acq: 22 Nov 2021 18:37

Tgt Ion: 65 Resp: 41131
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.2

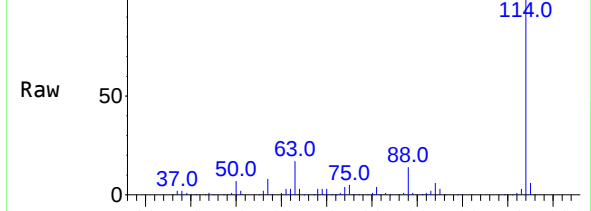


Abundance Scan 1138 (8.841 min): VW020910.D\data.ms (-9



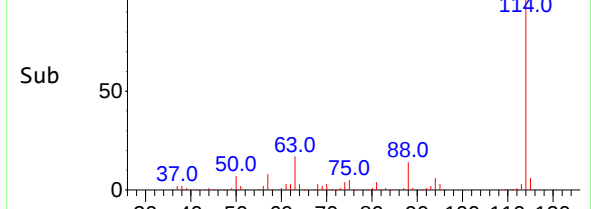
m/z-->

Abundance Scan 1138 (8.841 min): VW020945.D\data.ms (-9



m/z-->

Abundance Scan 1138 (8.841 min): VW020945.D\data.ms (-9



m/z-->

#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.841 min Scan# 1138

Delta R.T. -0.000 min

Lab File: VW020945.D

Acq: 22 Nov 2021 18:37

Instrument :

MSVOA_W

ClientSampleId :

40442

Tgt Ion:114 Resp: 137948

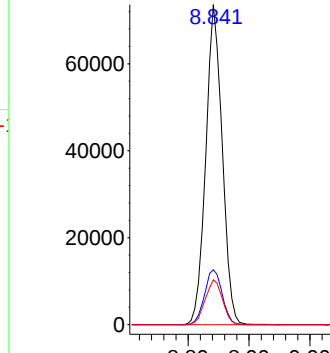
Ion Ratio Lower Upper

114 100

63 17.2 0.0 37.2

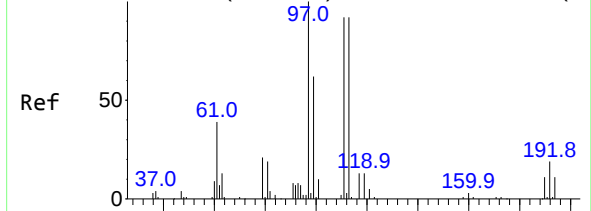
88 14.1 0.0 28.8

Abundance



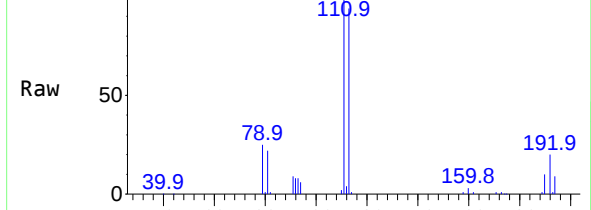
Time-->

Abundance Scan 981 (7.884 min): VW020910.D\data.ms (-9



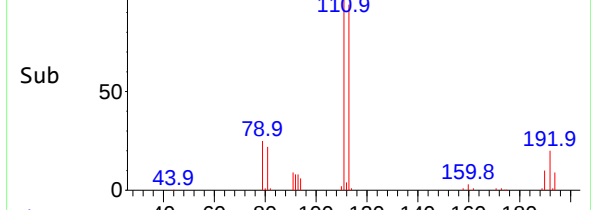
m/z-->

Abundance Scan 981 (7.884 min): VW020945.D\data.ms (-9



m/z-->

Abundance Scan 981 (7.884 min): VW020945.D\data.ms (-9



m/z-->

#35

Dibromofluoromethane

Concen: 46.155 ug/l

RT: 7.884 min Scan# 981

Delta R.T. -0.000 min

Lab File: VW020945.D

Acq: 22 Nov 2021 18:37

Tgt Ion:113 Resp: 39937

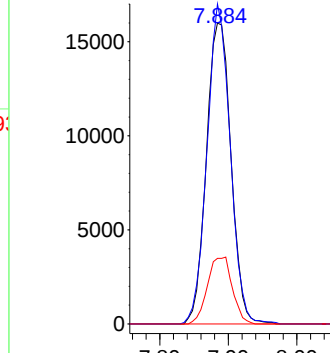
Ion Ratio Lower Upper

113 100

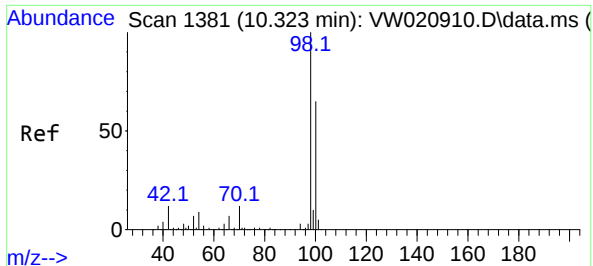
111 100.3 81.2 121.8

192 22.3 16.8 25.2

Abundance



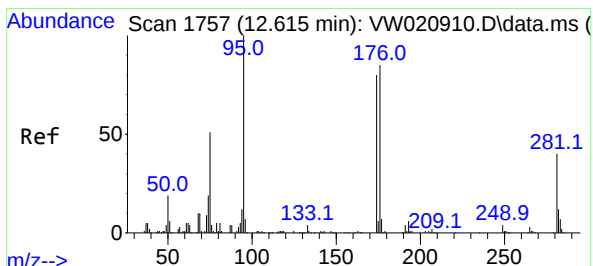
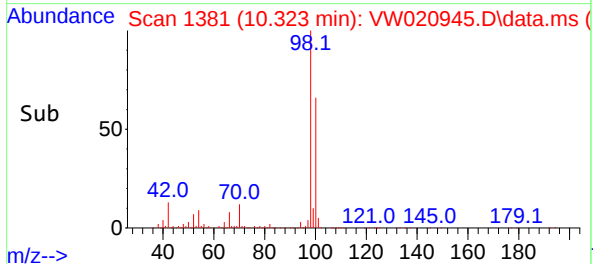
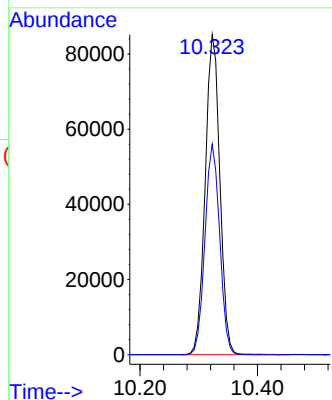
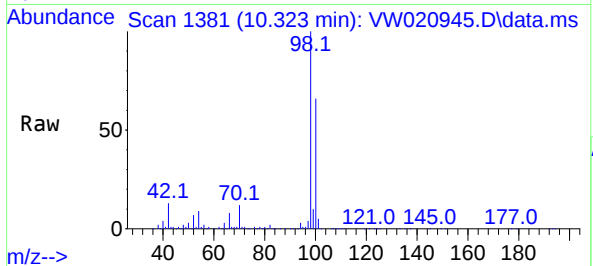
Time-->



#50
Toluene-d8
Concen: 46.481 ug/l
RT: 10.323 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW020945.D
Acq: 22 Nov 2021 18:37

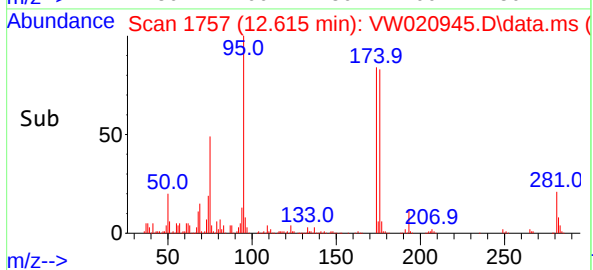
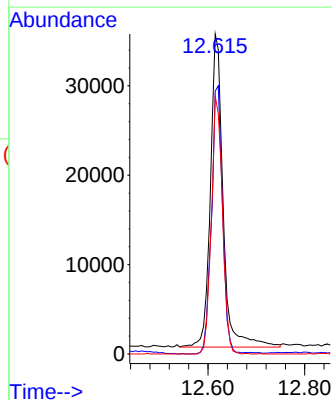
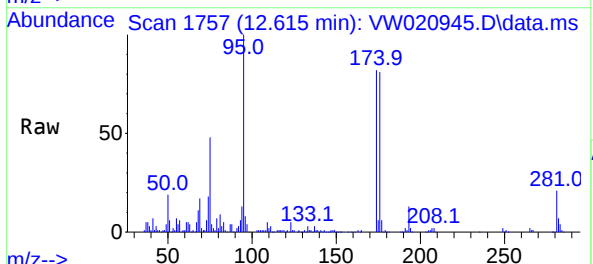
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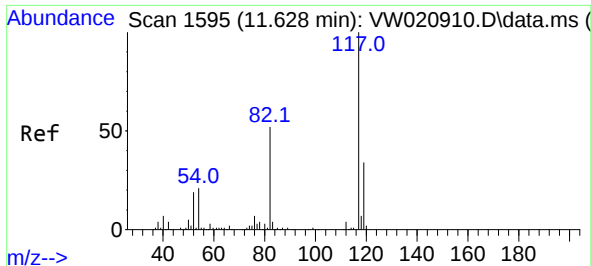
Tgt Ion: 98 Resp: 147508
Ion Ratio Lower Upper
98 100
100 66.2 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 54.169 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VW020945.D
Acq: 22 Nov 2021 18:37

Tgt Ion: 95 Resp: 64111
Ion Ratio Lower Upper
95 100
174 74.3 0.0 171.2
176 71.6 0.0 175.4

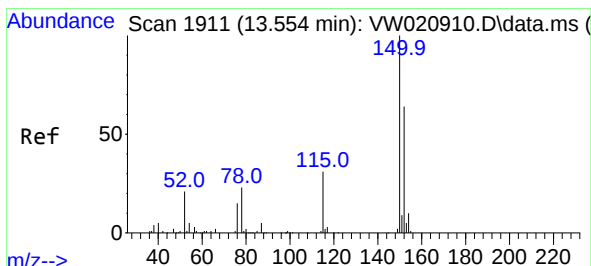
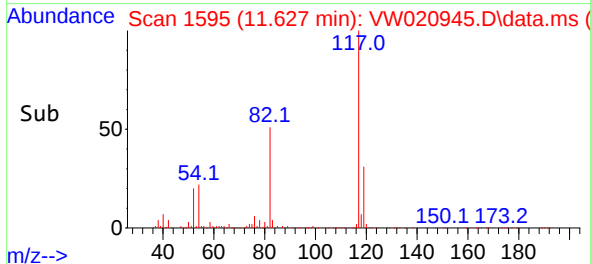
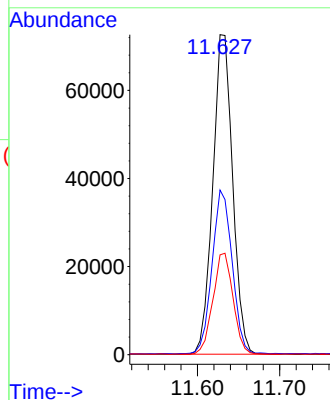
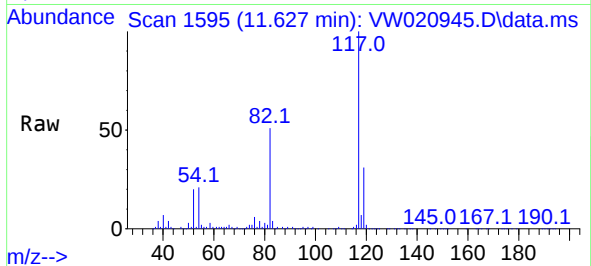




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.627 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW020945.D
Acq: 22 Nov 2021 18:37

Instrument :
MSVOA_W
ClientSampleId :
40442

Tgt Ion:117 Resp: 122008
Ion Ratio Lower Upper
117 100
82 51.2 41.4 62.2
119 31.1 27.2 40.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VW020945.D
Acq: 22 Nov 2021 18:37

Tgt Ion:152 Resp: 60737
Ion Ratio Lower Upper
152 100
115 55.3 27.8 83.3
150 155.8 0.0 348.4

