

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111221\
 Data File : VW020881.D
 Acq On : 13 Nov 2021 02:26
 Operator : SY/VA
 Sample : M4577-04
 Misc : 4.08g/5mL/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-4

Quant Time: Nov 15 00:15:57 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)

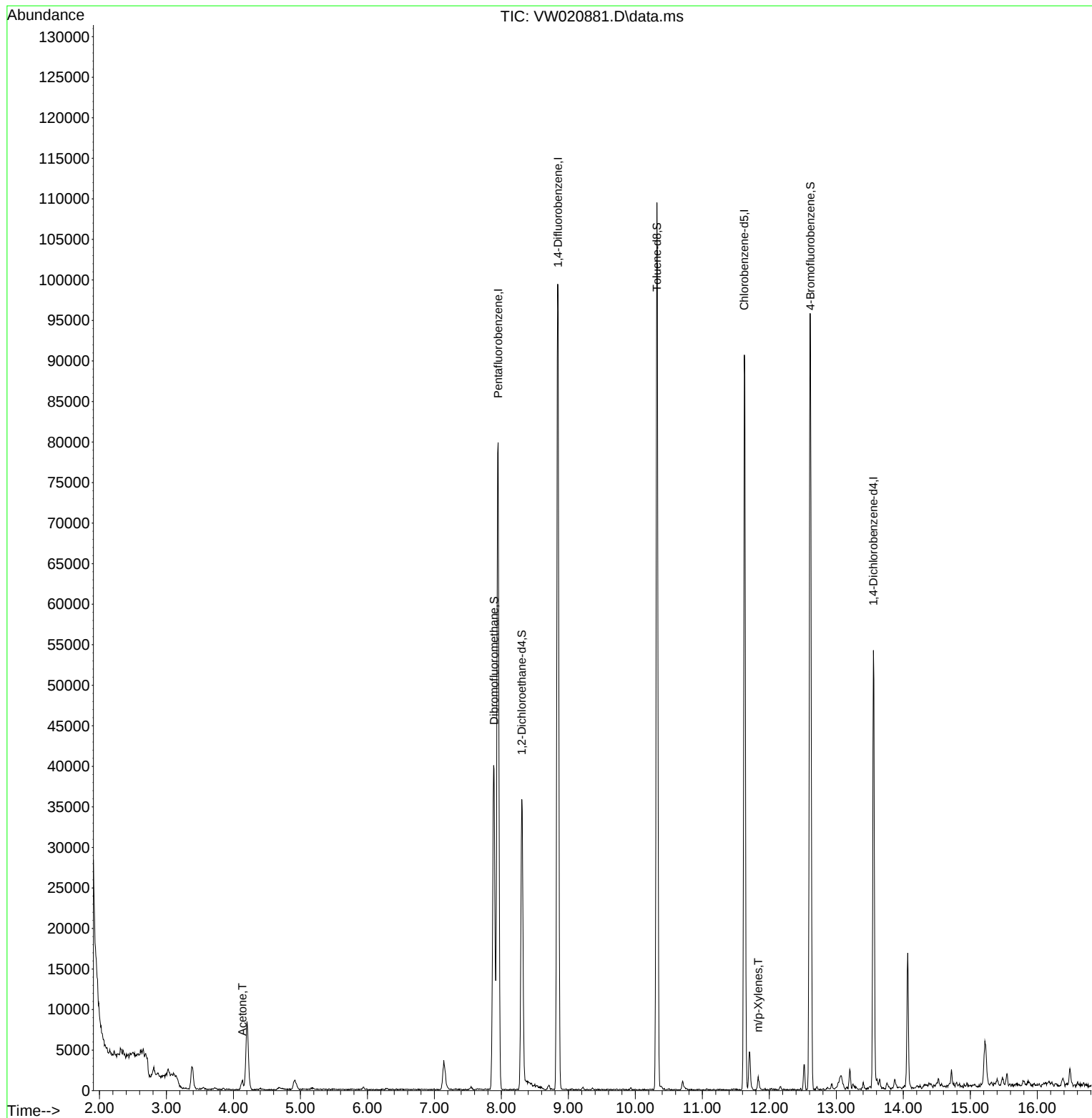
Internal Standards						
1) Pentafluorobenzene	7.951	168	63219	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.847	114	88271	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.627	117	51579	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	14610	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	28065	53.683	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.360%	
35) Dibromofluoromethane	7.890	113	28391	57.532	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.060%	
50) Toluene-d8	10.323	98	72181	37.385	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 74.760%	
62) 4-Bromofluorobenzene	12.615	95	17303	24.840	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 49.680%	
Target Compounds						Qvalue
16) Acetone	4.135	43	2093	19.836	ug/l	96
68) m/p-Xylenes	11.835	106	677	1.033	ug/l #	70

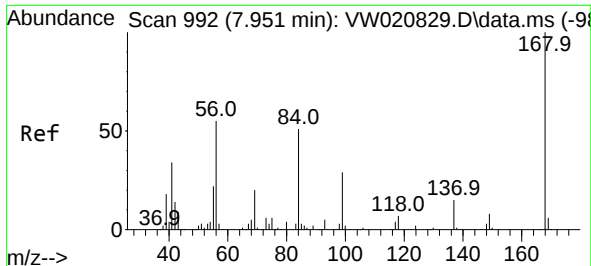
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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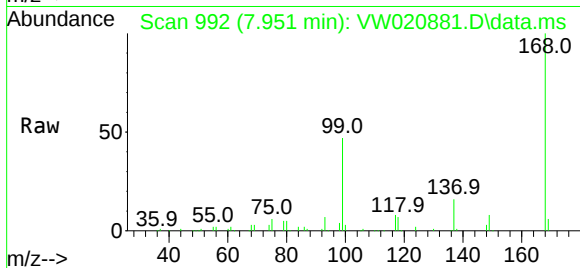
Quant Time: Nov 15 00:15:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 13 07:30:48 2021
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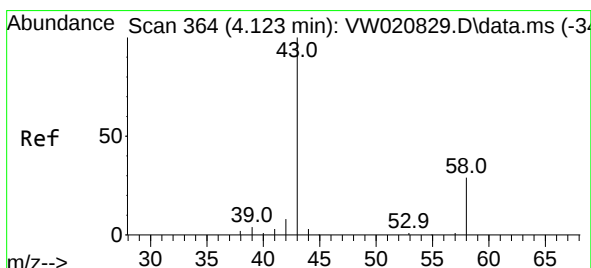
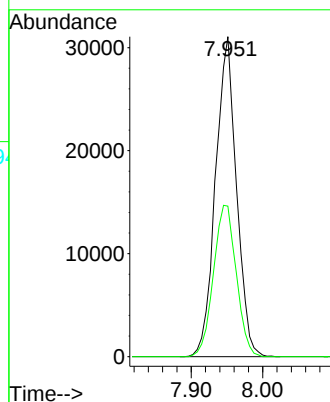
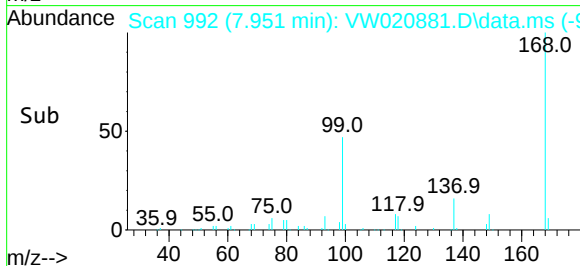


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW020881.D
Acq: 13 Nov 2021 02:26

Instrument :
MSVOA_W
ClientSampleId :
SB-4

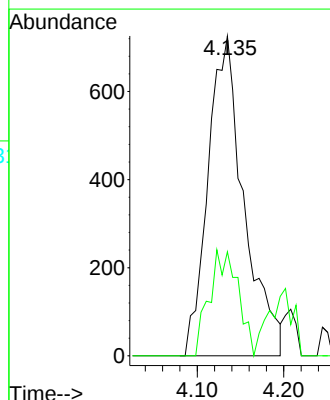
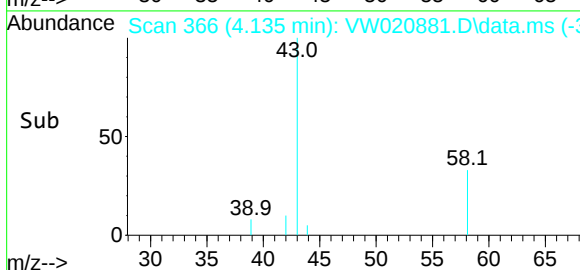
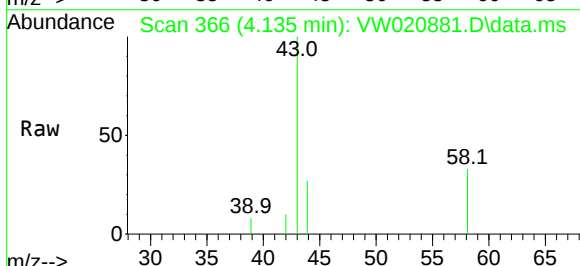


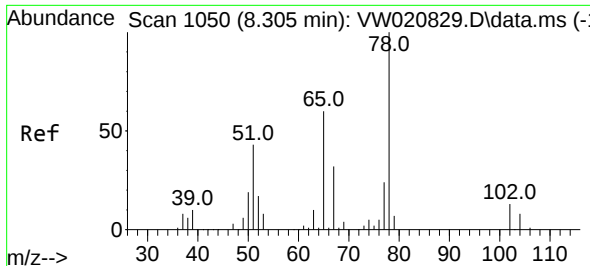
Tgt Ion:168 Resp: 63219
Ion Ratio Lower Upper
168 100
99 47.1 45.4 68.0



#16
Acetone
Concen: 19.836 ug/l
RT: 4.135 min Scan# 366
Delta R.T. 0.012 min
Lab File: VW020881.D
Acq: 13 Nov 2021 02:26

Tgt Ion: 43 Resp: 2093
Ion Ratio Lower Upper
43 100
58 32.5 24.2 36.2





#33

1,2-Dichloroethane-d4

Concen: 53.683 ug/l

RT: 8.305 min Scan# 110

Delta R.T. -0.000 min

Lab File: VW020881.D

Acq: 13 Nov 2021 02:26

Instrument :

MSVOA_W

ClientSampleId :

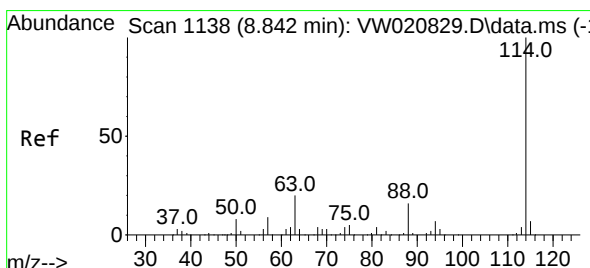
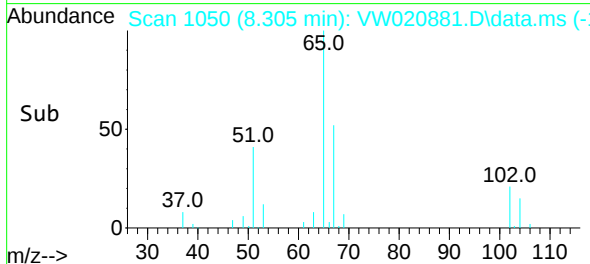
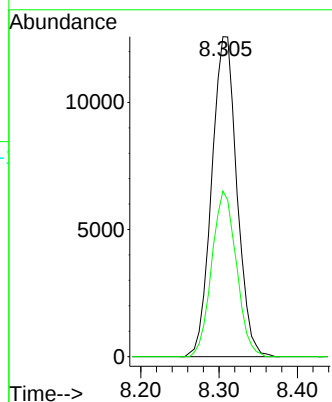
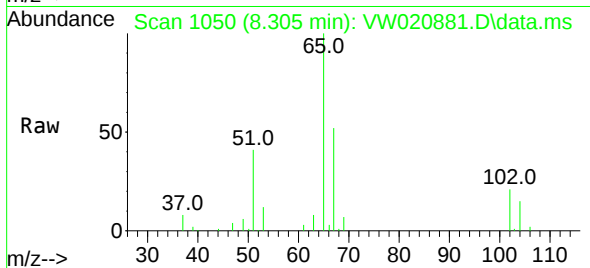
SB-4

Tgt Ion: 65 Resp: 28065

Ion Ratio Lower Upper

65 100

67 50.7 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.847 min Scan# 1139

Delta R.T. 0.006 min

Lab File: VW020881.D

Acq: 13 Nov 2021 02:26

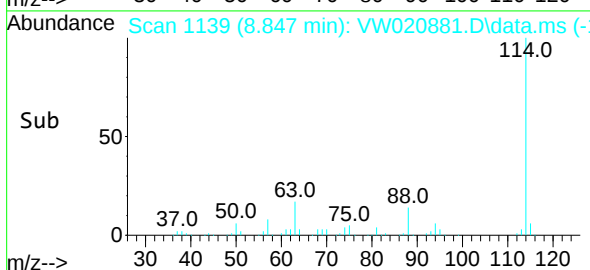
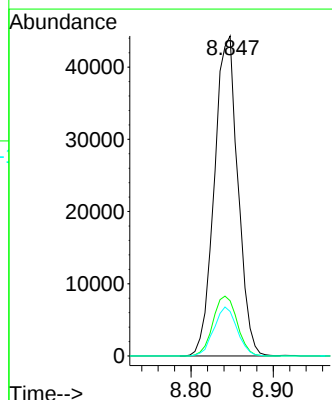
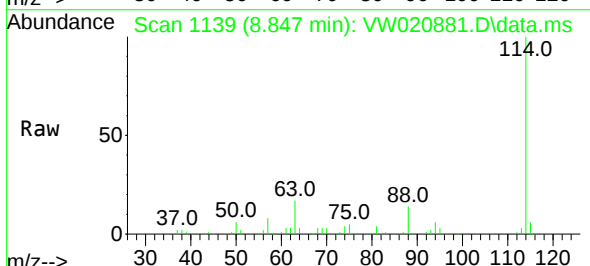
Tgt Ion: 114 Resp: 88271

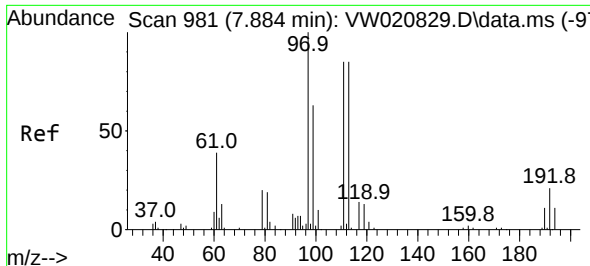
Ion Ratio Lower Upper

114 100

63 17.3 0.0 42.8

88 13.9 0.0 33.0





#35

Dibromofluoromethane

Concen: 57.532 ug/l

RT: 7.890 min Scan# 981

Delta R.T. 0.006 min

Lab File: VW020881.D

Acq: 13 Nov 2021 02:26

Instrument :

MSVOA_W

ClientSampleId :

SB-4

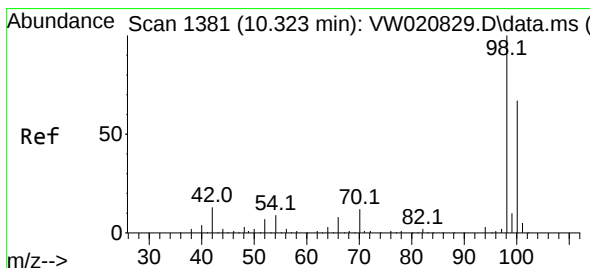
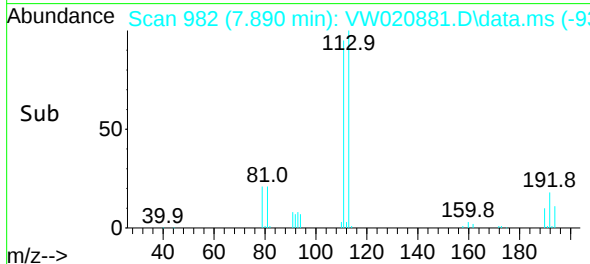
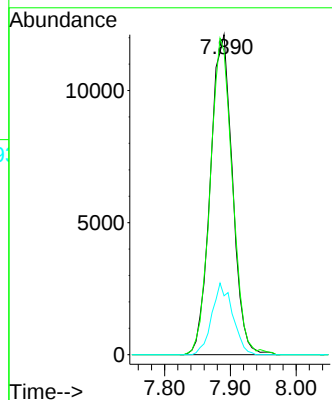
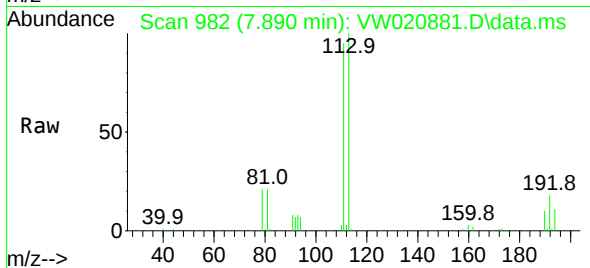
Tgt Ion:113 Resp: 28391

Ion Ratio Lower Upper

113 100

111 99.4 82.1 123.1

192 21.1 17.8 26.8



#50

Toluene-d8

Concen: 37.385 ug/l

RT: 10.323 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VW020881.D

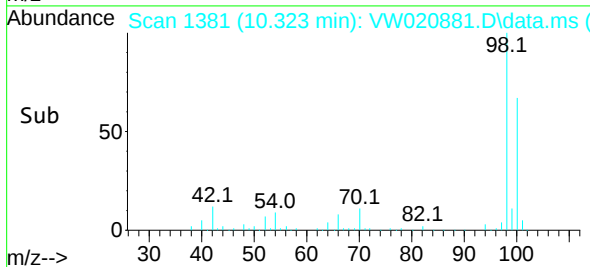
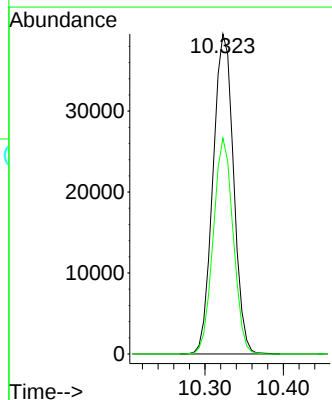
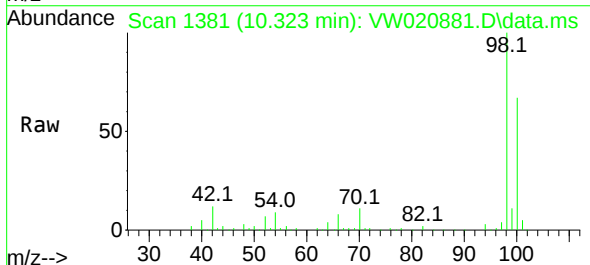
Acq: 13 Nov 2021 02:26

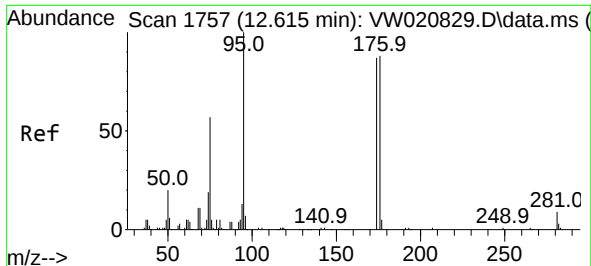
Tgt Ion: 98 Resp: 72181

Ion Ratio Lower Upper

98 100

100 65.2 53.2 79.8

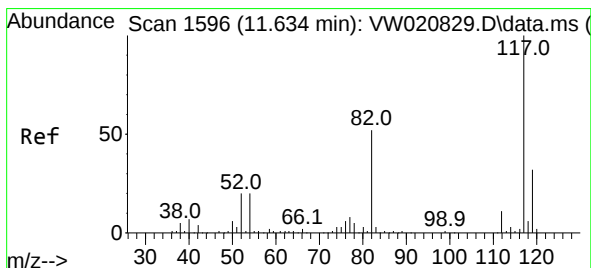
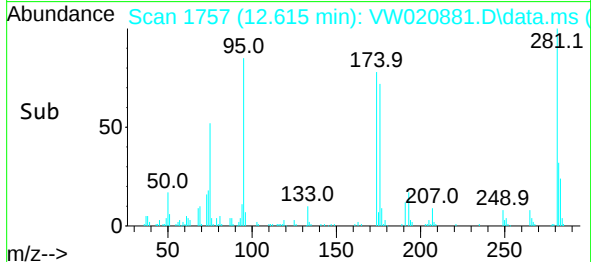
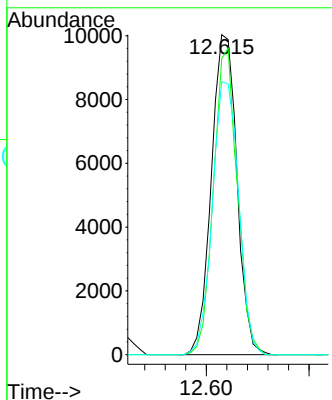
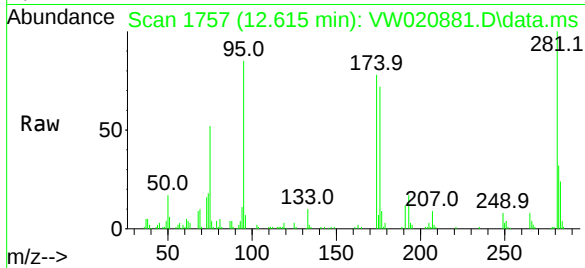




#62
4-Bromofluorobenzene
Concen: 24.840 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VW020881.D
Acq: 13 Nov 2021 02:26

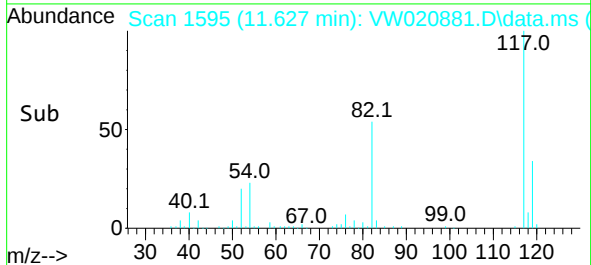
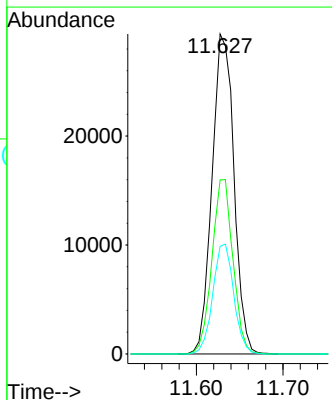
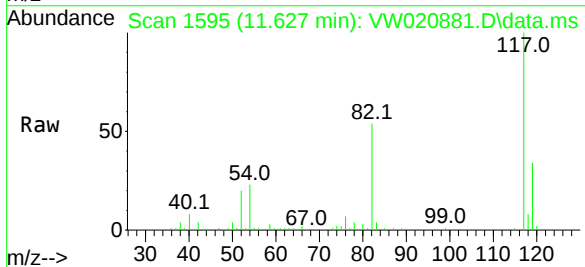
Instrument :
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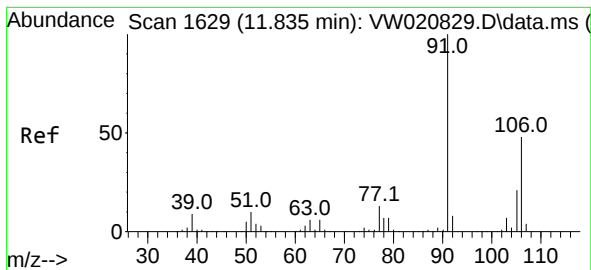
Tgt Ion:	95	Resp:	17303
Ion	Ratio	Lower	Upper
95	100		
174	89.2	0.0	166.4
176	87.6	0.0	159.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.627 min Scan# 1595
Delta R.T. -0.006 min
Lab File: VW020881.D
Acq: 13 Nov 2021 02:26

Tgt Ion:	117	Resp:	51579
Ion	Ratio	Lower	Upper
117	100		
82	54.4	45.6	68.4
119	33.6	25.0	37.4

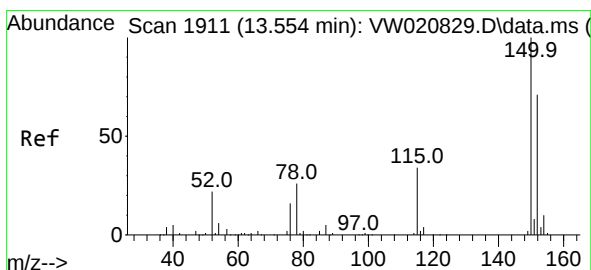
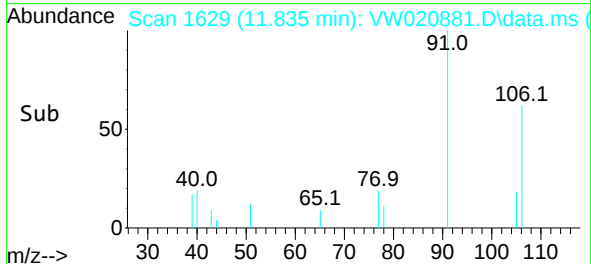
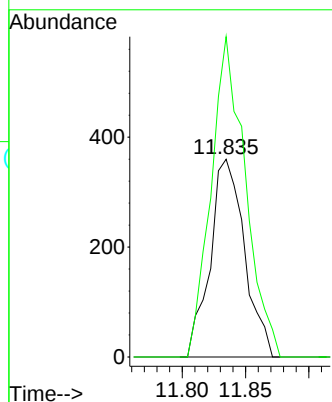
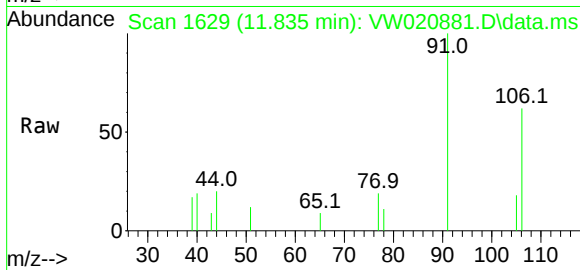




#68
m/p-Xylenes
Concen: 1.033 ug/l
RT: 11.835 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW020881.D
Acq: 13 Nov 2021 02:26

Instrument :
MSVOA_W
ClientSampleId :
SB-4

Tgt Ion:106 Resp: 677
Ion Ratio Lower Upper
106 100
91 162.2 166.4 249.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VW020881.D
Acq: 13 Nov 2021 02:26

Tgt Ion:152 Resp: 14610
Ion Ratio Lower Upper
152 100
115 55.9 29.6 88.9
150 155.6 0.0 352.6

