

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102221\
 Data File : VW020685.D
 Acq On : 22 Oct 2021 16:24
 Operator : SY/VA
 Sample : VW1022SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1022SBL01

Manual Integrations
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 10/25/2021 11:56:16 AM

Quant Time: Oct 23 06:03:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 05:58:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	95107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	143408	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	131393	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	69394	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	52854	50.018	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.040%
35) Dibromofluoromethane	7.890	113	43751	46.649	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.300%
50) Toluene-d8	10.323	98	161354	45.012	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.020%
62) 4-Bromofluorobenzene	12.621	95	59618	45.368	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.740%
Target Compounds					Qvalue	
40) Benzene	8.427	78	26536m	6.278	ug/l	

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

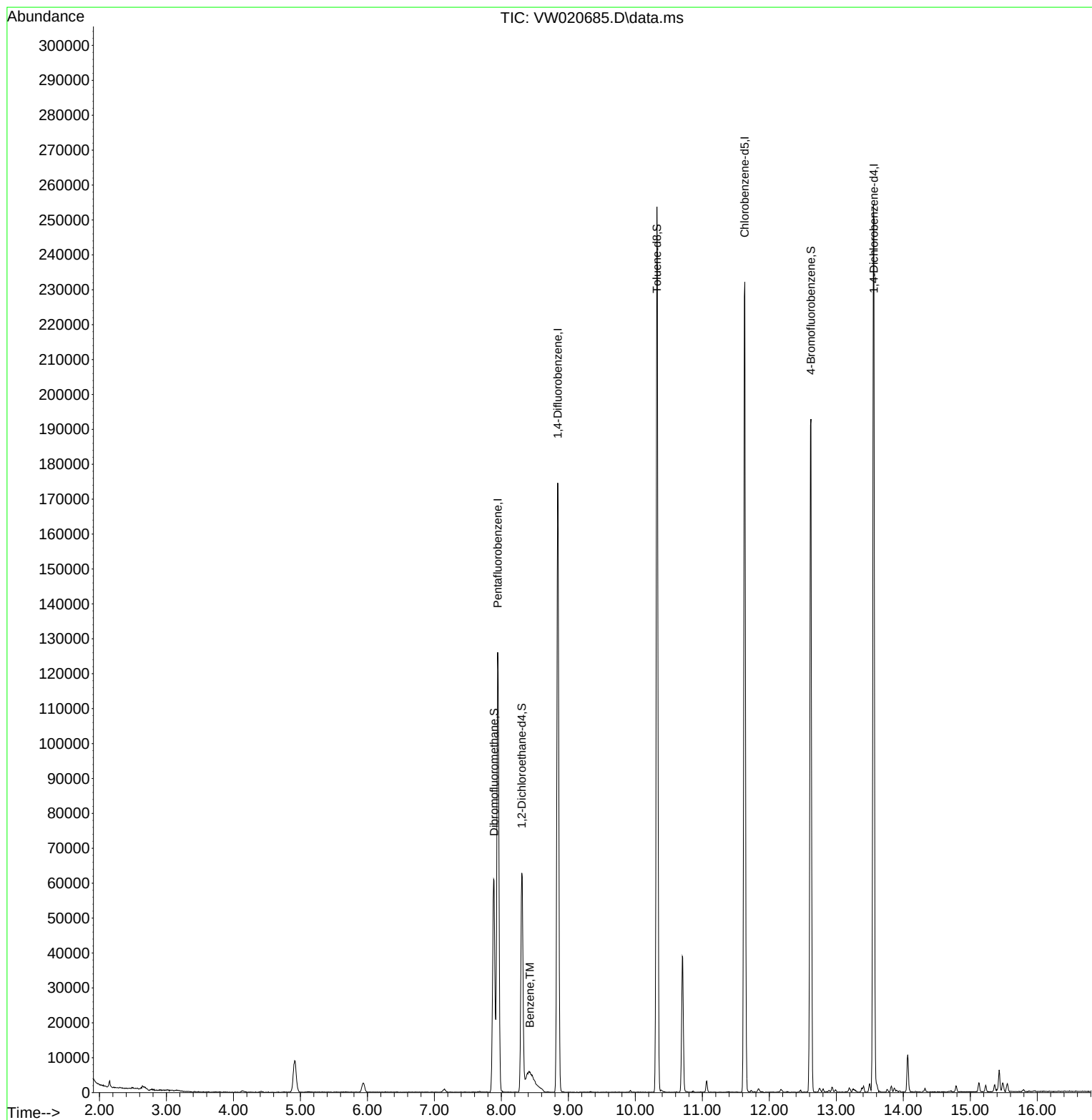
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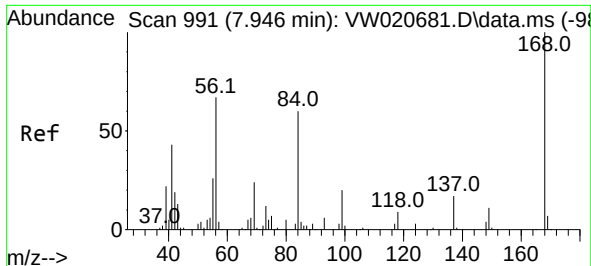
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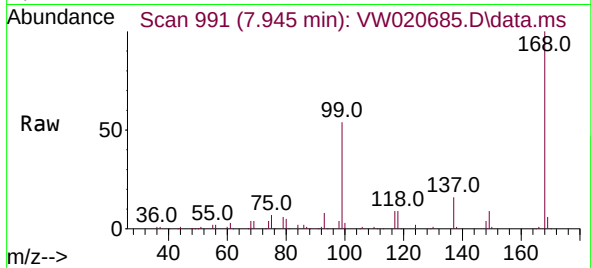
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102221S.M
Quant Title : SW846 8260
QLast Update : Sat Oct 23 05:58:59 2021
Response via : Initial Calibration

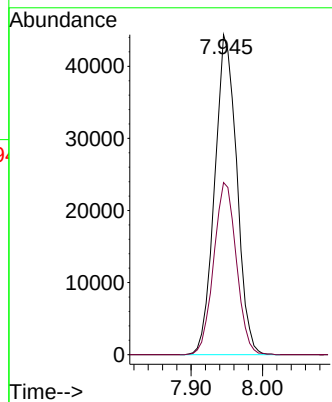
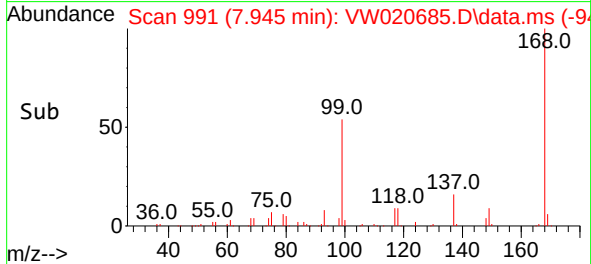




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.001 min
Lab File: VW020685.D
Acq: 22 Oct 2021 16:24



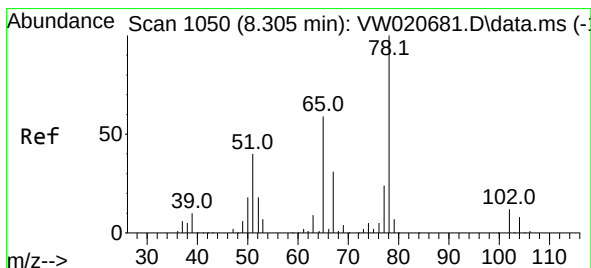
Tgt Ion: 168 Resp: 95107
Ion Ratio Lower Upper
168 100
99 53.8 45.4 68.0



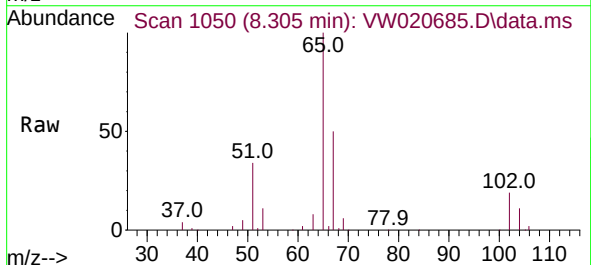
Instrument :
MSVOA_W
ClientSampleId :
VW1022SBL01

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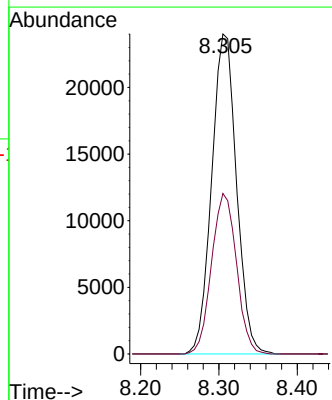
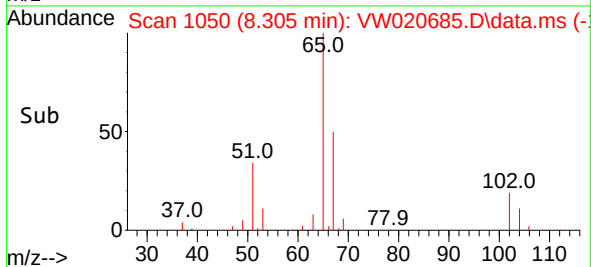
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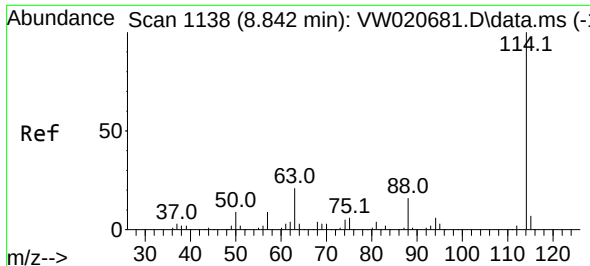


#33
1,2-Dichloroethane-d4
Concen: 50.018 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VW020685.D
Acq: 22 Oct 2021 16:24



Tgt Ion: 65 Resp: 52854
Ion Ratio Lower Upper
65 100
67 50.3 0.0 102.2





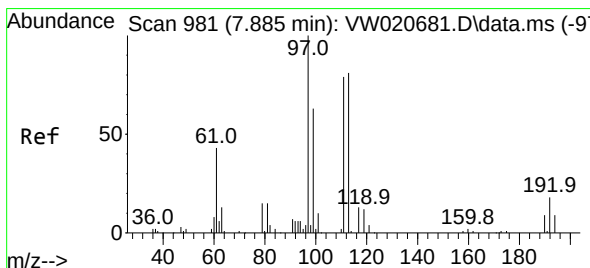
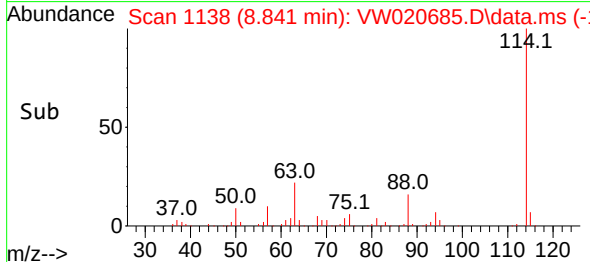
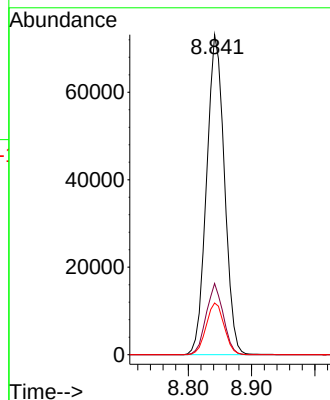
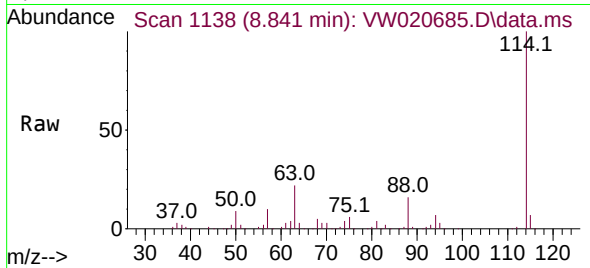
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.841 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW020685.D
Acq: 22 Oct 2021 16:24

Tgt Ion:114 Resp: 143408
Ion Ratio Lower Upper
114 100
63 22.3 0.0 42.8
88 16.1 0.0 33.0

Instrument :
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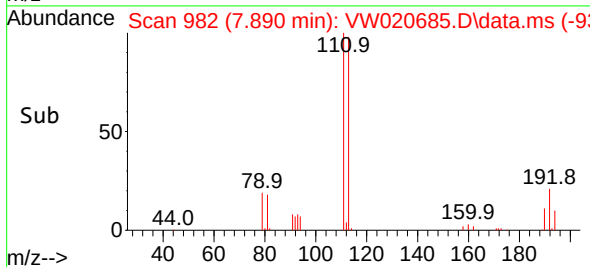
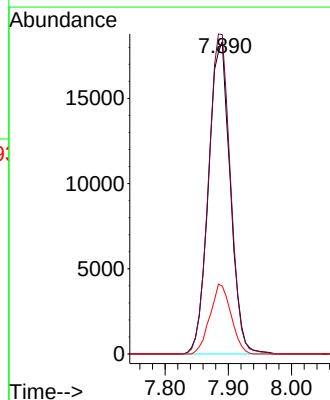
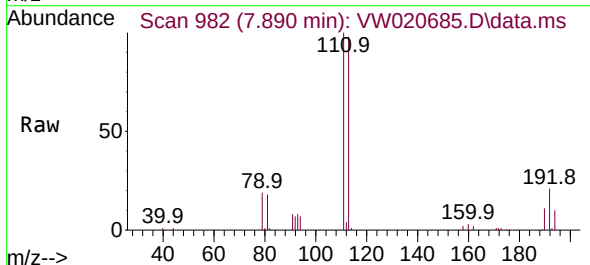
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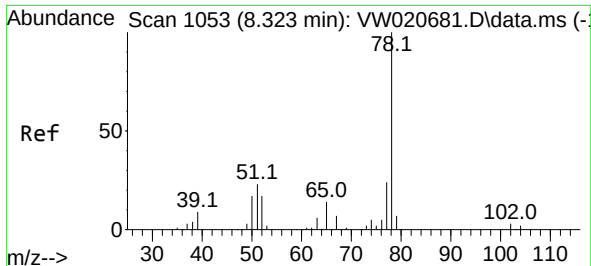
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#35
Dibromofluoromethane
Concen: 46.649 ug/l
RT: 7.890 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW020685.D
Acq: 22 Oct 2021 16:24

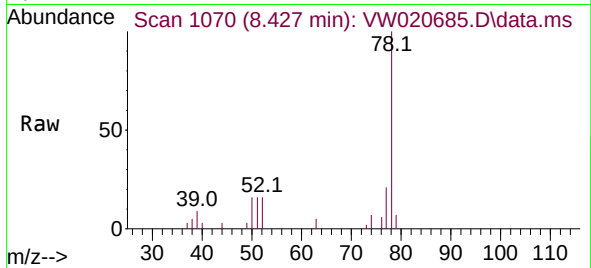
Tgt Ion:113 Resp: 43751
Ion Ratio Lower Upper
113 100
111 102.9 82.1 123.1
192 21.7 17.8 26.8





#40
Benzene
Concen: 6.278 ug/l m
RT: 8.427 min Scan# 1070
Delta R.T. 0.103 min
Lab File: VW020685.D
Acq: 22 Oct 2021 16:24

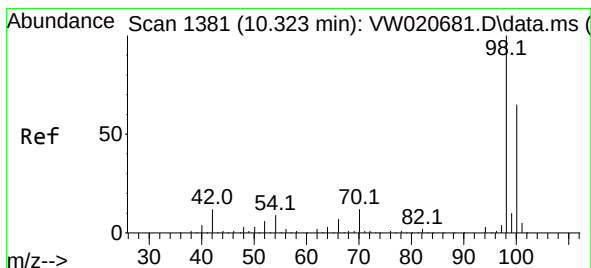
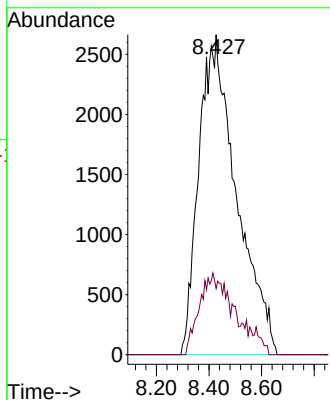
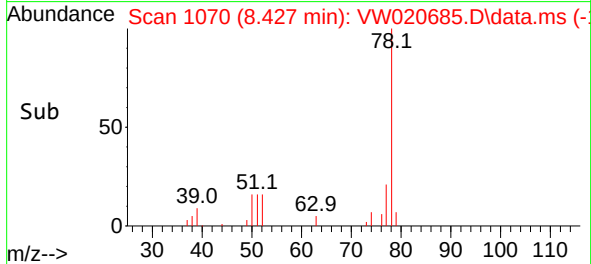
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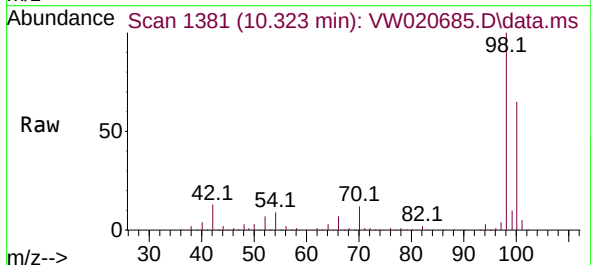
Tgt Ion: 78 Resp: 26536
Ion Ratio Lower Upper
78 100
77 20.7 19.0 28.6

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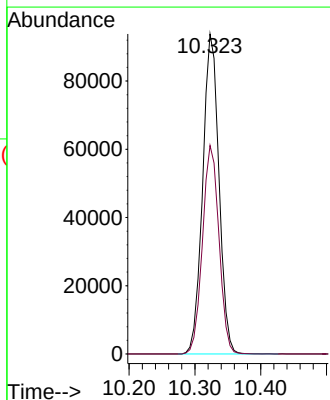
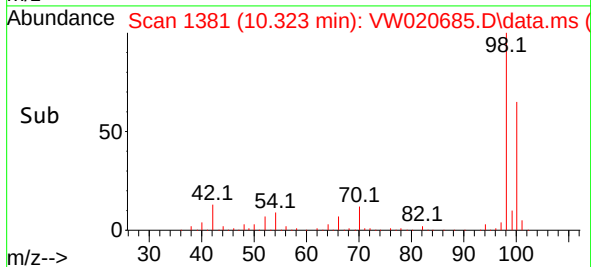
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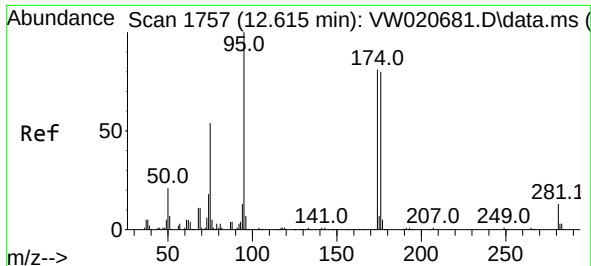


#50
Toluene-d8
Concen: 45.012 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW020685.D
Acq: 22 Oct 2021 16:24

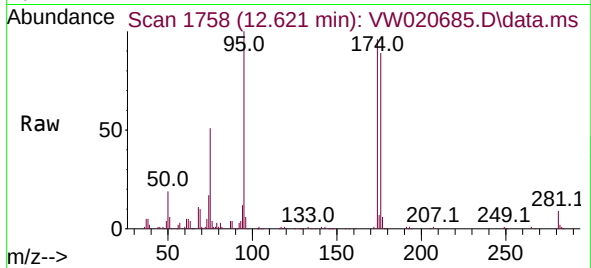


Tgt Ion: 98 Resp: 161354
Ion Ratio Lower Upper
98 100
100 65.8 53.2 79.8

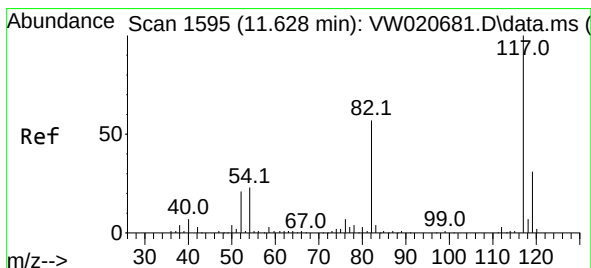
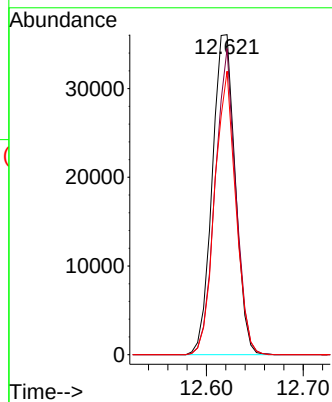
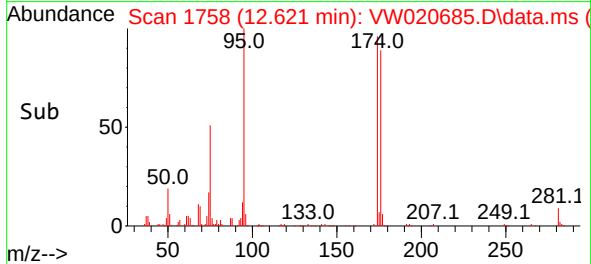




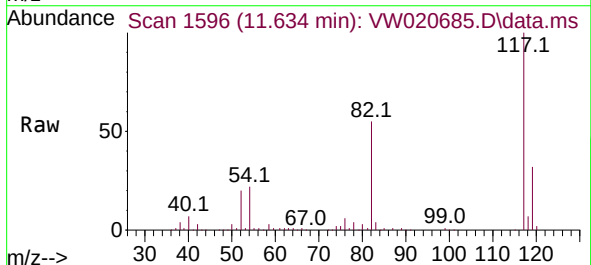
#62
4-Bromofluorobenzene
Concen: 45.368 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.006 min
Lab File: VW020685.D
Acq: 22 Oct 2021 16:24



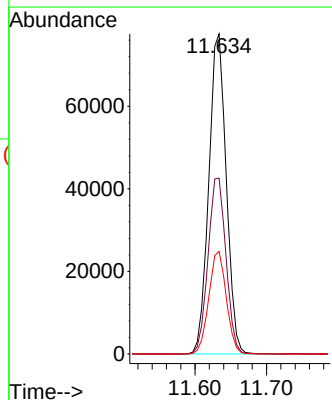
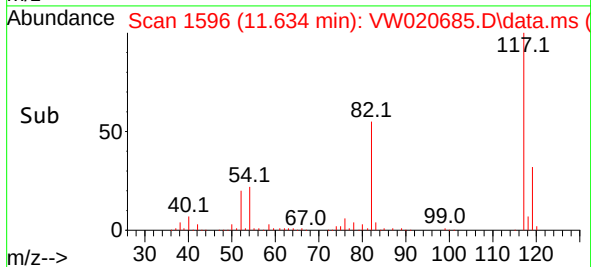
Tgt Ion: 95 Resp: 59618
Ion Ratio Lower Upper
95 100
174 86.0 0.0 166.4
176 81.3 0.0 159.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VW020685.D
Acq: 22 Oct 2021 16:24



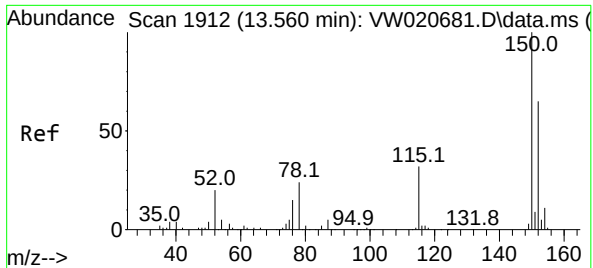
Tgt Ion: 117 Resp: 131393
Ion Ratio Lower Upper
117 100
82 55.0 45.6 68.4
119 32.0 25.0 37.4



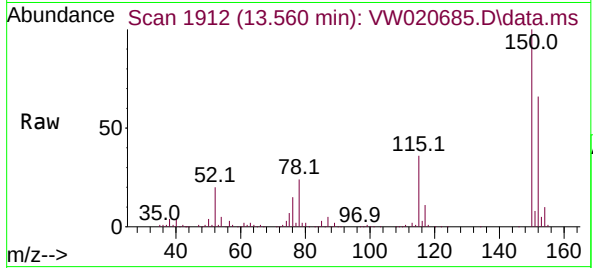
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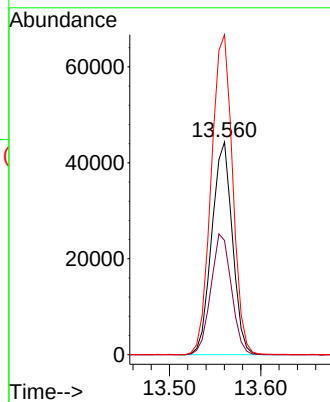
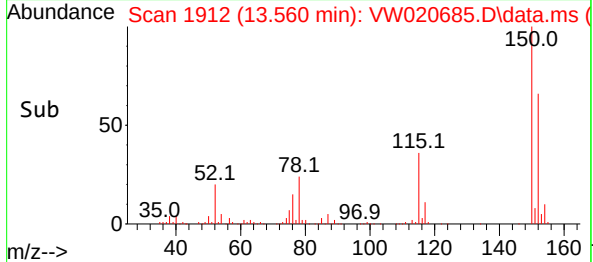
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#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.560 min Scan# 1912
 Delta R.T. -0.000 min
 Lab File: VW020685.D
 Acq: 22 Oct 2021 16:24



Tgt Ion:	152	Resp:	69394
Ion Ratio	Lower	Upper	
152	100		
115	56.6	29.6	88.9
150	155.8	0.0	352.6



Instrument :
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