

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010522\
 Data File : VW021743.D
 Acq On : 05 Jan 2022 20:09
 Operator : SY/VA
 Sample : M5342-07
 Misc : 4.79g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-9-(0-2)

Quant Time: Jan 06 05:54:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W010522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 05 14:56:42 2022
 Response via : Initial Calibration

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

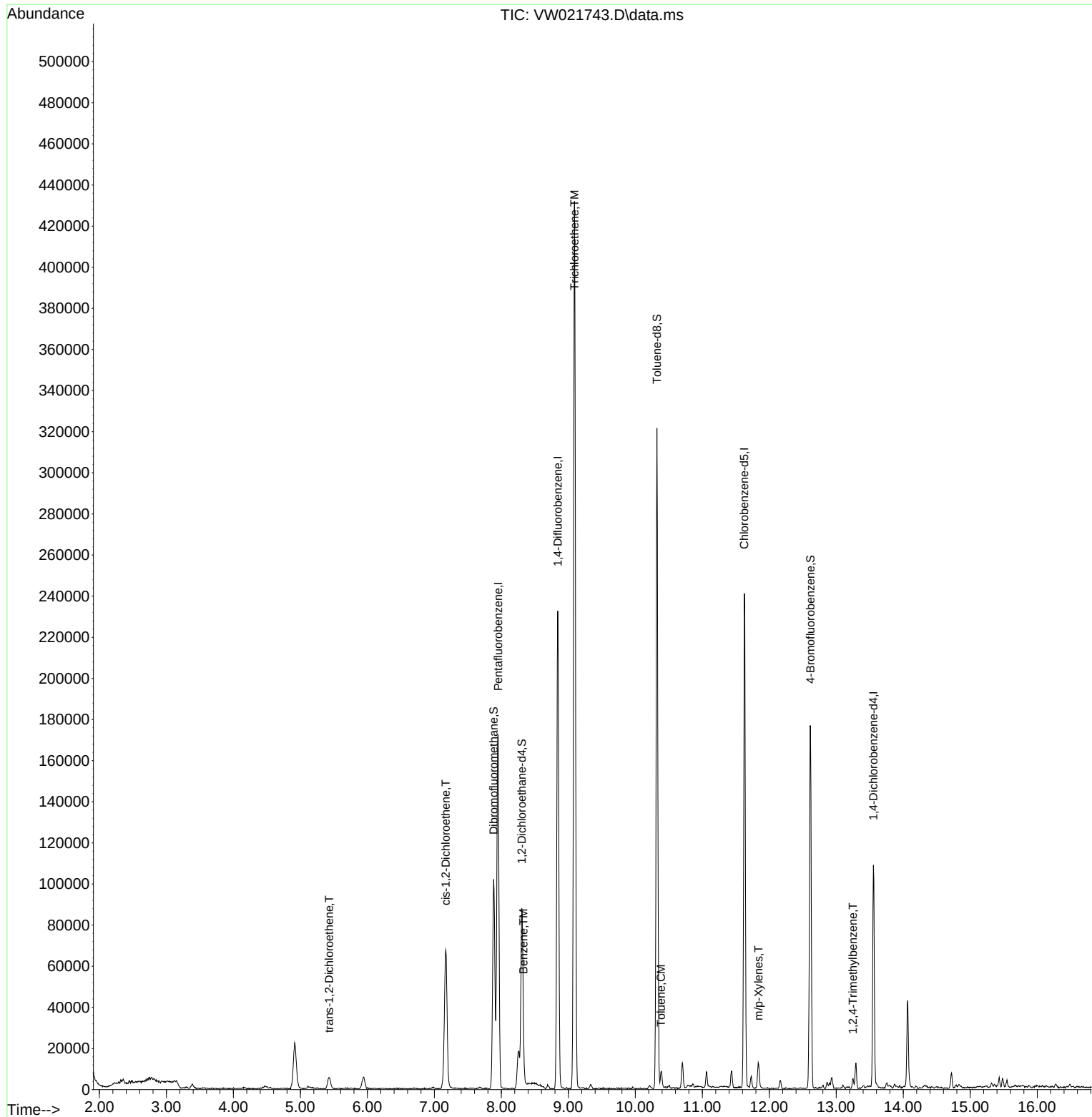
Internal Standards						
1) Pentafluorobenzene	7.952	168	133083	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	210242	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	139853	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	29796	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	67029	57.146	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.300%
35) Dibromofluoromethane	7.885	113	69969	53.471	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.940%
50) Toluene-d8	10.323	98	211992	44.763	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.520%
62) 4-Bromofluorobenzene	12.615	95	45132	25.673	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	51.340%
Target Compounds						
					Qvalue	
21) trans-1,2-Dichloroethene	5.428	96	3727	2.735	ug/l #	70
27) cis-1,2-Dichloroethene	7.171	96	41145	27.589	ug/l	86
40) Benzene	8.330	78	10776	2.037	ug/l	98
44) Trichloroethene	9.092	130	154121	95.832	ug/l	97
52) Toluene	10.384	92	3783	1.092	ug/l	91
68) m/p-Xylenes	11.841	106	3706	1.893	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	3093	1.819	ug/l	94

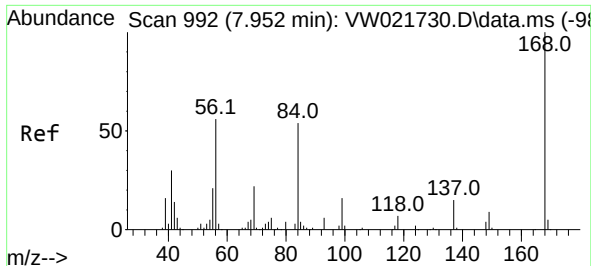
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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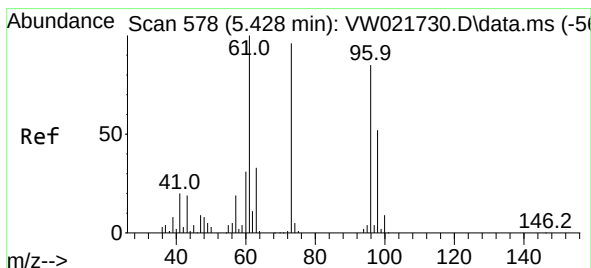
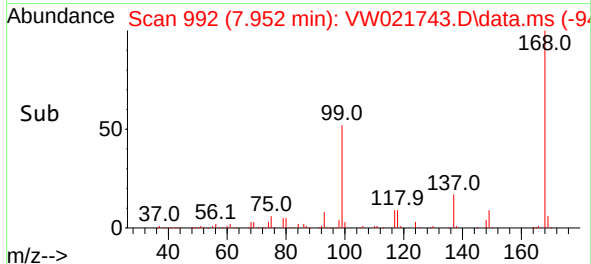
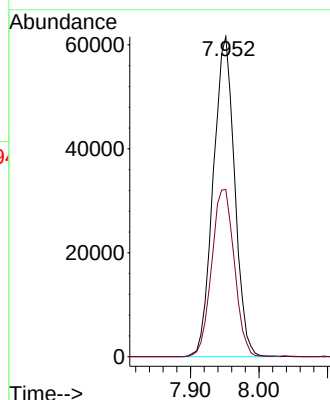
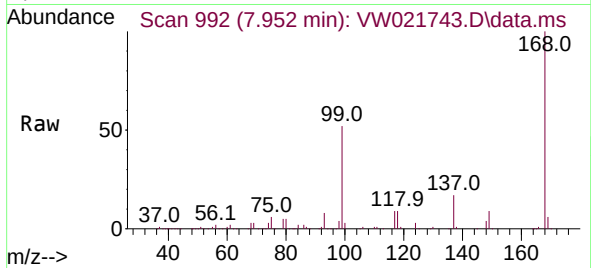




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.007 min
Lab File: VW021743.D
Acq: 05 Jan 2022 20:09

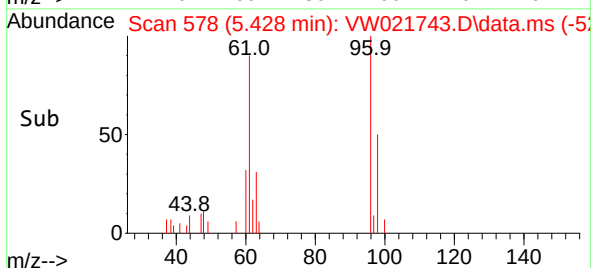
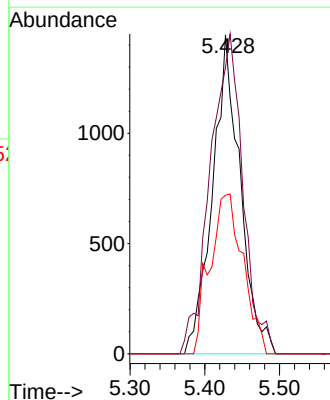
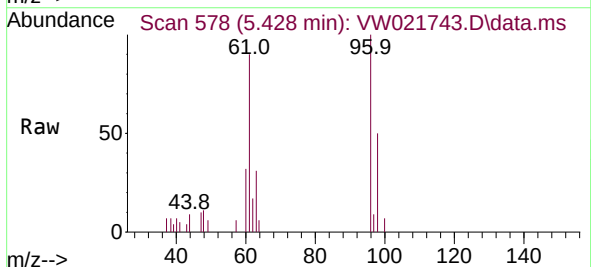
Instrument :
MSVOA_W
ClientSampleId :
SB-9-(0-2)

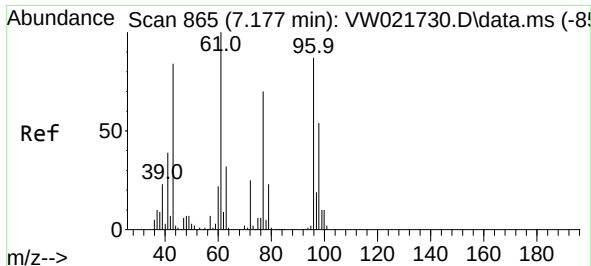
Tgt Ion:168 Resp: 133083
Ion Ratio Lower Upper
168 100
99 52.2 41.6 62.4



#21
trans-1,2-Dichloroethene
Concen: 2.735 ug/l
RT: 5.428 min Scan# 578
Delta R.T. 0.007 min
Lab File: VW021743.D
Acq: 05 Jan 2022 20:09

Tgt Ion: 96 Resp: 3727
Ion Ratio Lower Upper
96 100
61 89.8 105.7 158.5#
98 49.7 49.7 74.5





#27

cis-1,2-Dichloroethene

Concen: 27.589 ug/l

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW021743.D

Acq: 05 Jan 2022 20:09

Instrument :

MSVOA_W

ClientSampleId :

SB-9-(0-2)

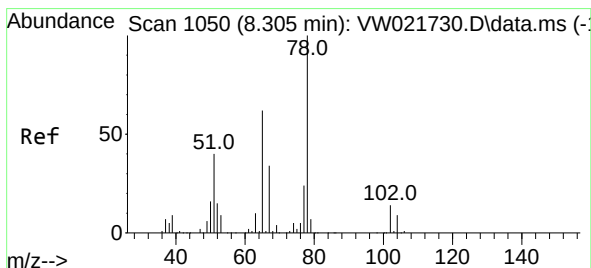
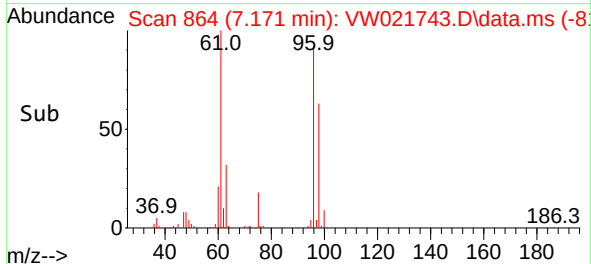
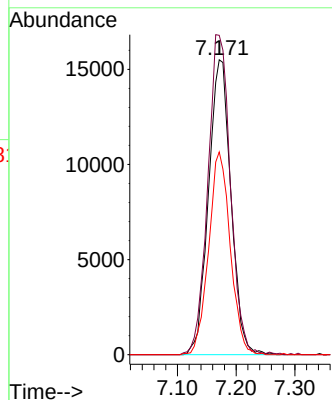
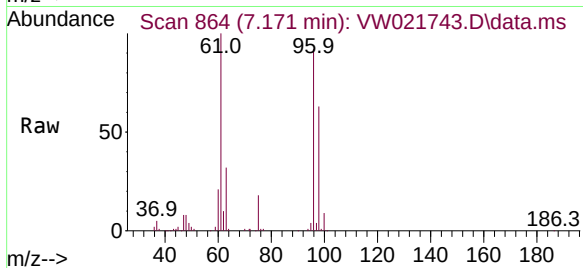
Tgt Ion: 96 Resp: 41145

Ion Ratio Lower Upper

96 100

61 109.4 0.0 266.6

98 66.1 0.0 129.4



#33

1,2-Dichloroethane-d4

Concen: 57.146 ug/l

RT: 8.305 min Scan# 1050

Delta R.T. 0.000 min

Lab File: VW021743.D

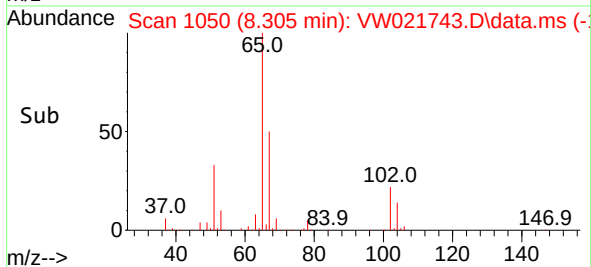
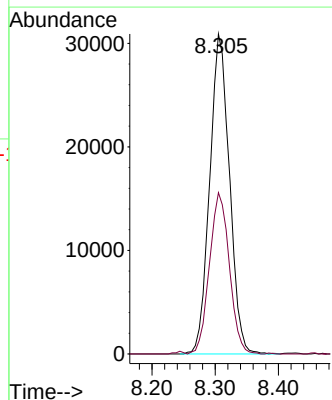
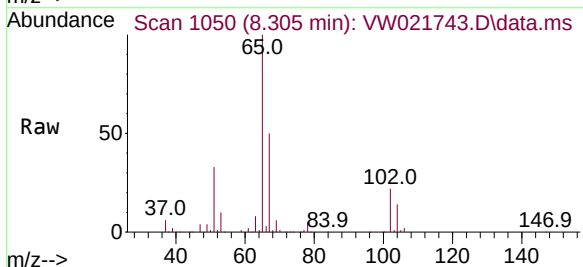
Acq: 05 Jan 2022 20:09

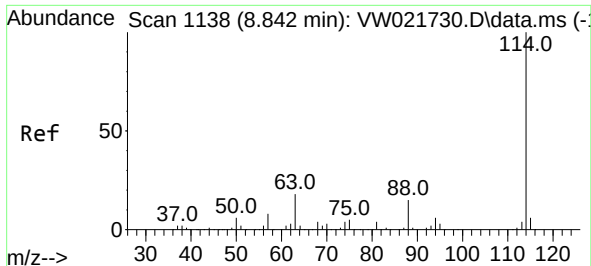
Tgt Ion: 65 Resp: 67029

Ion Ratio Lower Upper

65 100

67 50.7 0.0 100.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.842 min Scan# 1138

Delta R.T. 0.001 min

Lab File: VW021743.D

Acq: 05 Jan 2022 20:09

Instrument :

MSVOA_W

ClientSampleId :

SB-9-(0-2)

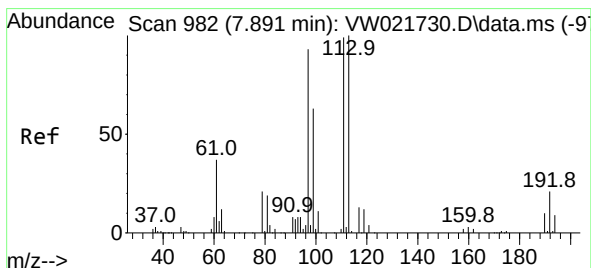
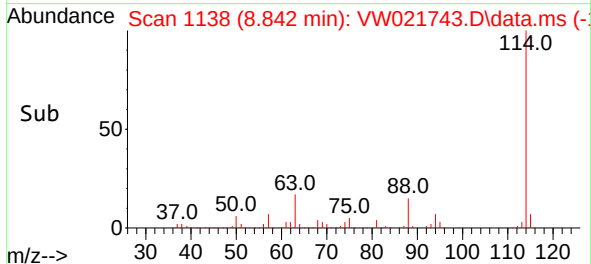
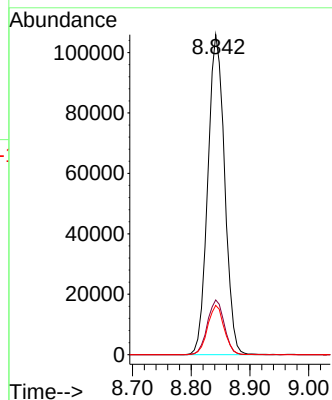
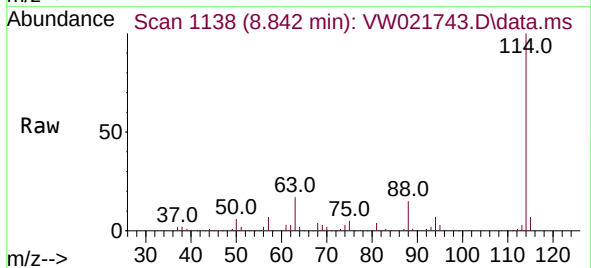
Tgt Ion:114 Resp: 210242

Ion Ratio Lower Upper

114 100

63 17.1 0.0 37.2

88 15.4 0.0 28.8



#35

Dibromofluoromethane

Concen: 53.471 ug/l

RT: 7.885 min Scan# 981

Delta R.T. 0.000 min

Lab File: VW021743.D

Acq: 05 Jan 2022 20:09

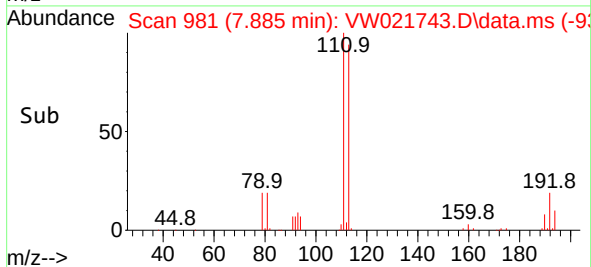
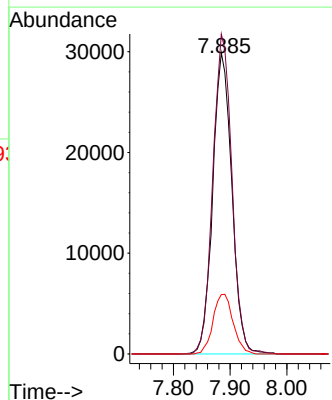
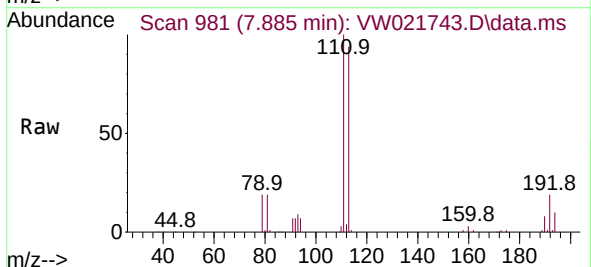
Tgt Ion:113 Resp: 69969

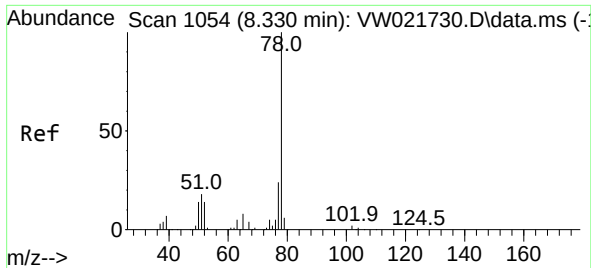
Ion Ratio Lower Upper

113 100

111 105.9 81.2 121.8

192 20.7 16.8 25.2

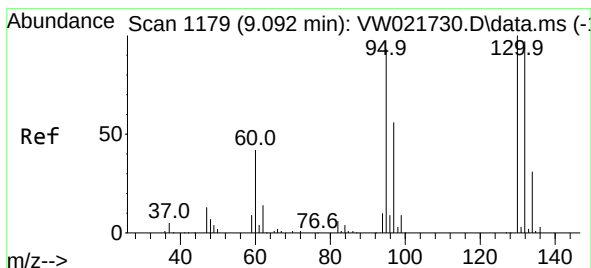
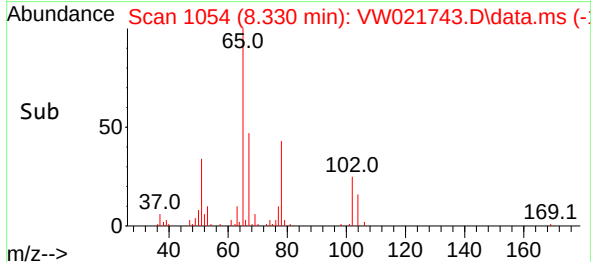
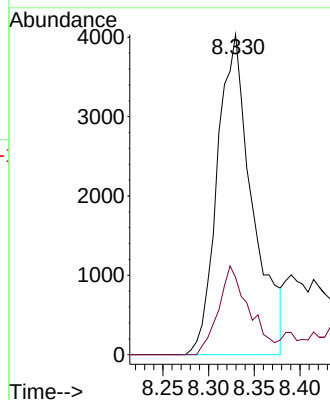
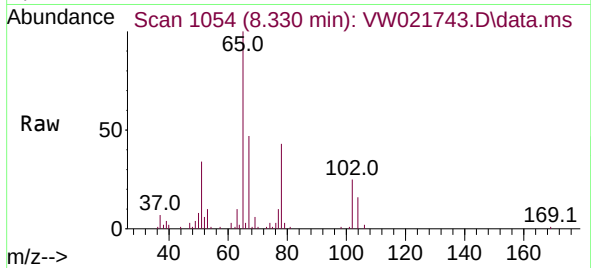




#40
Benzene
Concen: 2.037 ug/l
RT: 8.330 min Scan# 1054
Delta R.T. 0.007 min
Lab File: VW021743.D
Acq: 05 Jan 2022 20:09

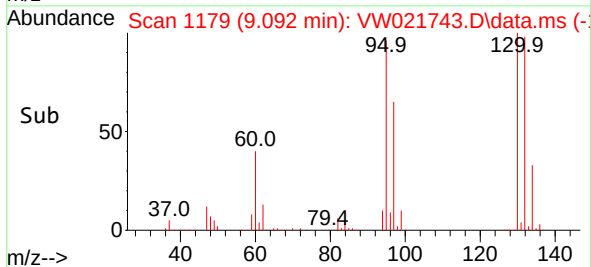
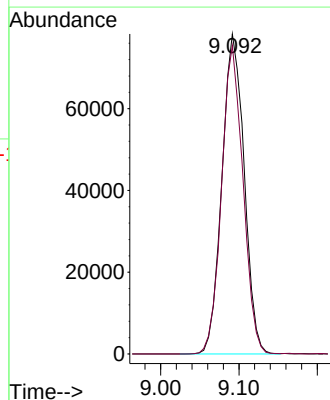
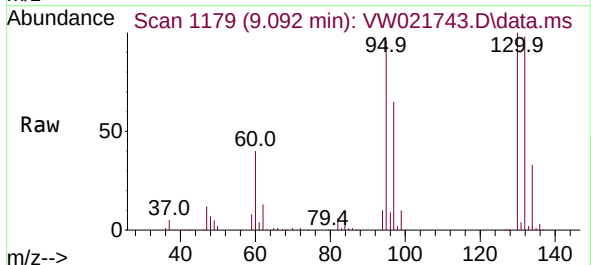
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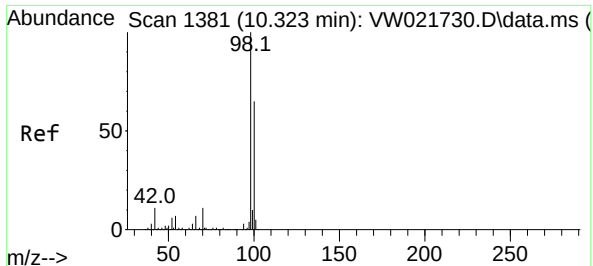
Tgt Ion: 78 Resp: 10776
Ion Ratio Lower Upper
78 100
77 24.1 20.0 30.0



#44
Trichloroethene
Concen: 95.832 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. 0.001 min
Lab File: VW021743.D
Acq: 05 Jan 2022 20:09

Tgt Ion:130 Resp: 154121
Ion Ratio Lower Upper
130 100
95 96.4 0.0 186.6

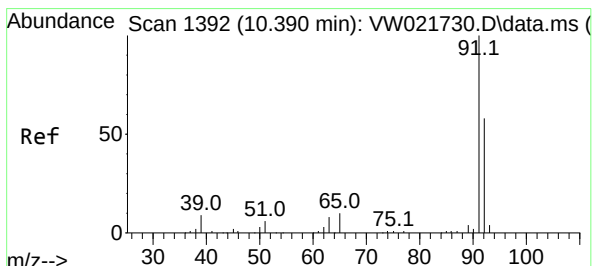
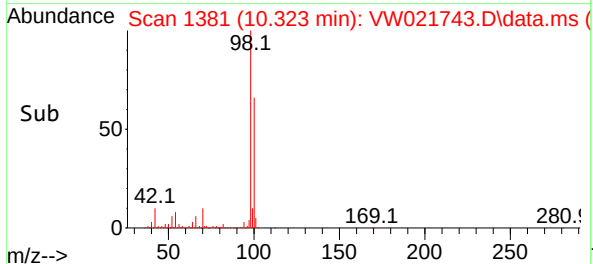
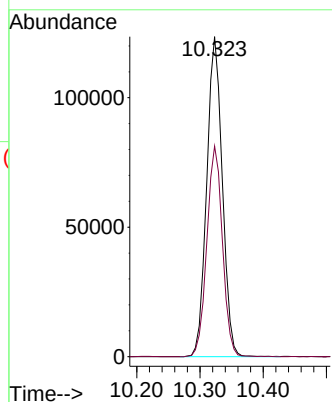
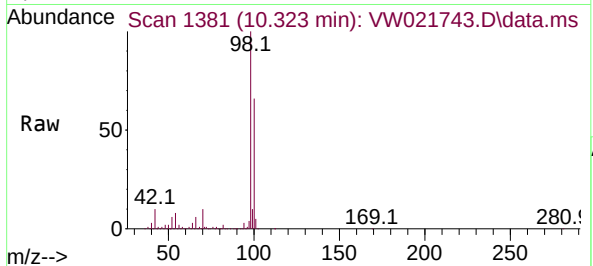




#50
Toluene-d8
Concen: 44.763 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW021743.D
Acq: 05 Jan 2022 20:09

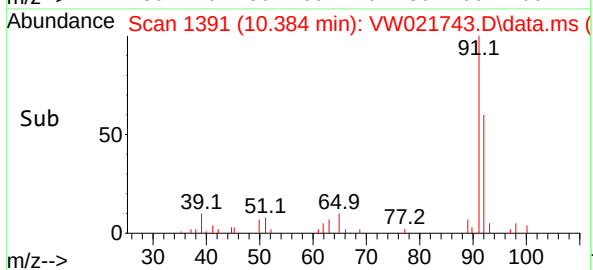
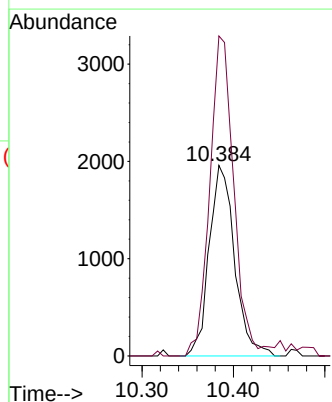
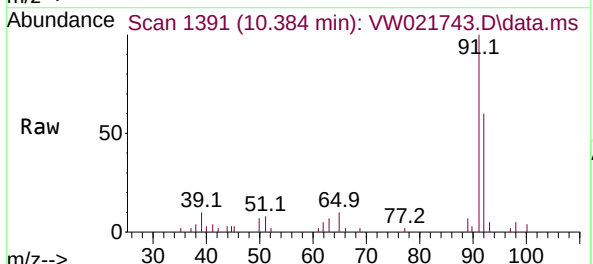
Instrument :
MSVOA_W
ClientSampleId :
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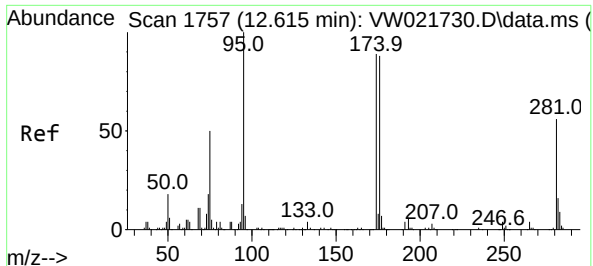
Tgt Ion: 98 Resp: 211992
Ion Ratio Lower Upper
98 100
100 65.7 52.6 79.0



#52
Toluene
Concen: 1.092 ug/l
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW021743.D
Acq: 05 Jan 2022 20:09

Tgt Ion: 92 Resp: 3783
Ion Ratio Lower Upper
92 100
91 159.6 137.1 205.7

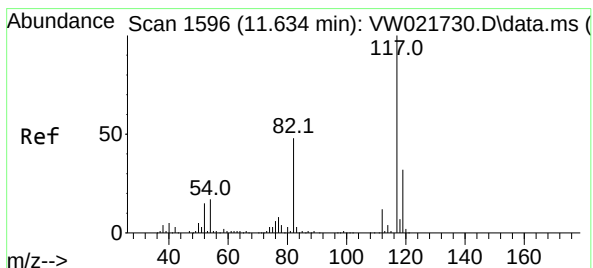
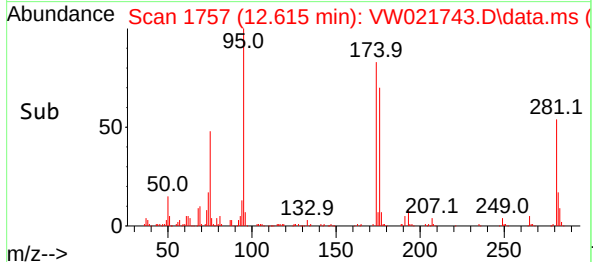
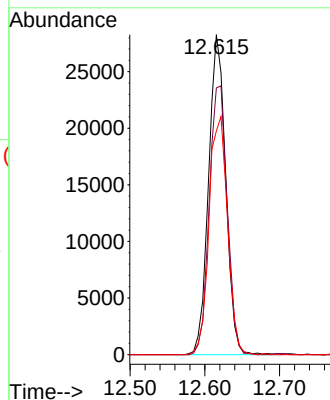
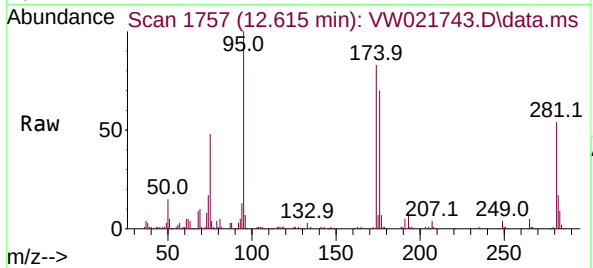




#62
4-Bromofluorobenzene
Concen: 25.673 ug/l
RT: 12.615 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021743.D
Acq: 05 Jan 2022 20:09

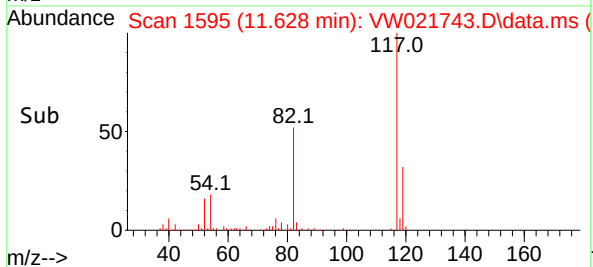
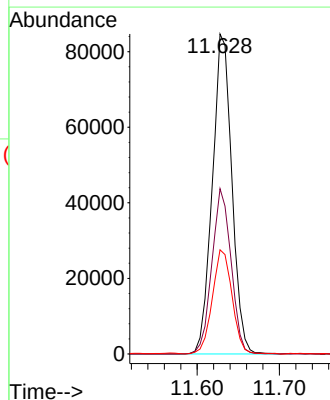
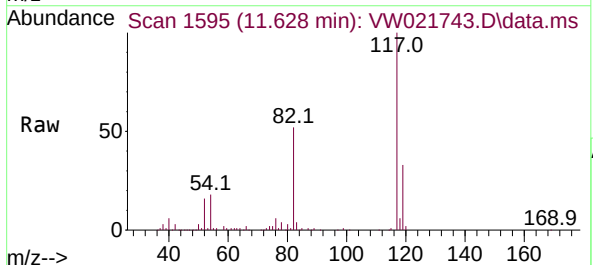
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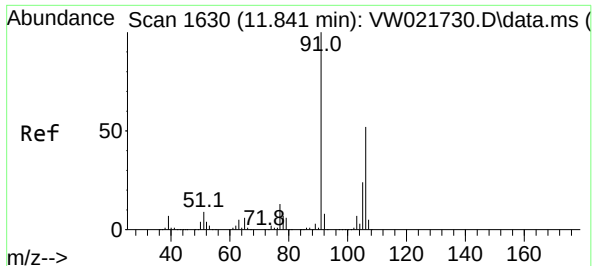
Tgt Ion: 95 Resp: 45132
Ion Ratio Lower Upper
95 100
174 88.0 0.0 171.2
176 80.0 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.628 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VW021743.D
Acq: 05 Jan 2022 20:09

Tgt Ion: 117 Resp: 139853
Ion Ratio Lower Upper
117 100
82 51.7 41.4 62.2
119 32.6 27.2 40.8

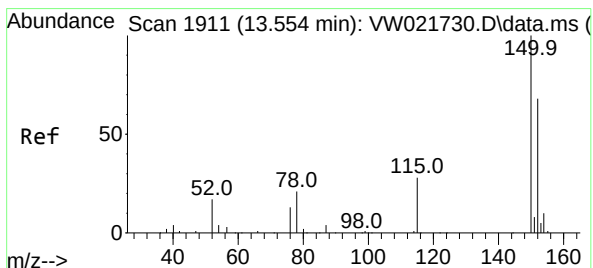
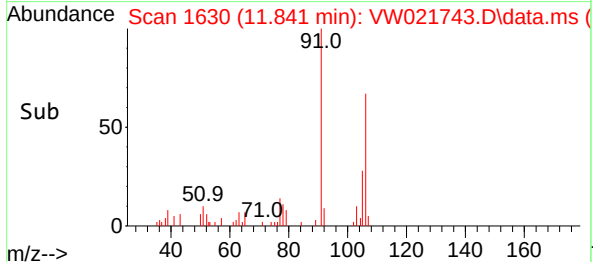
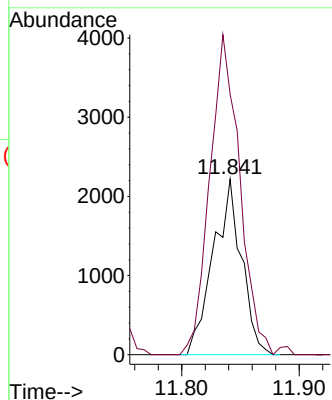
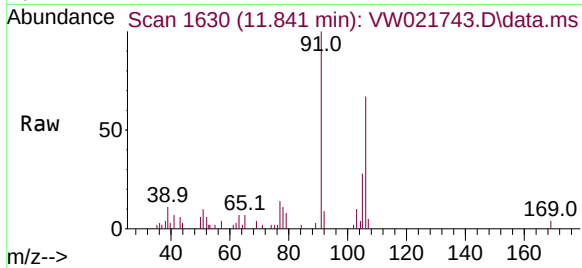




#68
m/p-Xylenes
Concen: 1.893 ug/l
RT: 11.841 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW021743.D
Acq: 05 Jan 2022 20:09

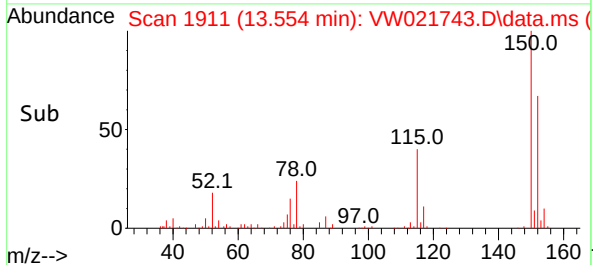
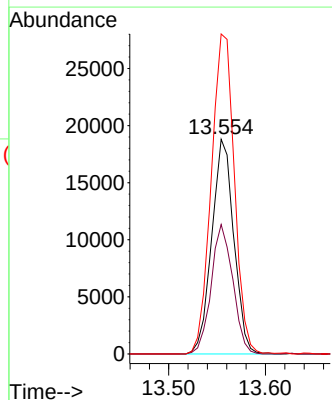
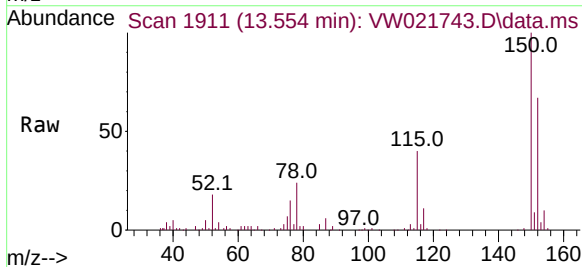
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SB-9-(0-2)

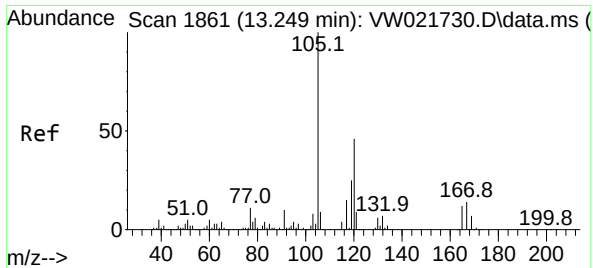
Tgt Ion:106 Resp: 3706
Ion Ratio Lower Upper
106 100
91 195.0 157.8 236.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VW021743.D
Acq: 05 Jan 2022 20:09

Tgt Ion:152 Resp: 29796
Ion Ratio Lower Upper
152 100
115 58.9 27.8 83.3
150 156.2 0.0 348.4





#84
 1,2,4-Trimethylbenzene
 Concen: 1.819 ug/l
 RT: 13.249 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW021743.D
 Acq: 05 Jan 2022 20:09

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-9-(0-2)

Tgt Ion:105 Resp: 3093
 Ion Ratio Lower Upper
 105 100
 120 41.2 22.7 68.1

