

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122320\
 Data File : VW017721.D
 Acq On : 23 Dec 2020 19:02
 Operator : SY/VA
 Sample : L5201-01
 Misc : 6.84G/5ML/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HD-02-122320

Quant Time: Dec 24 01:40:02 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 14 12:39:23 2020
 Response via : Initial Calibration

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

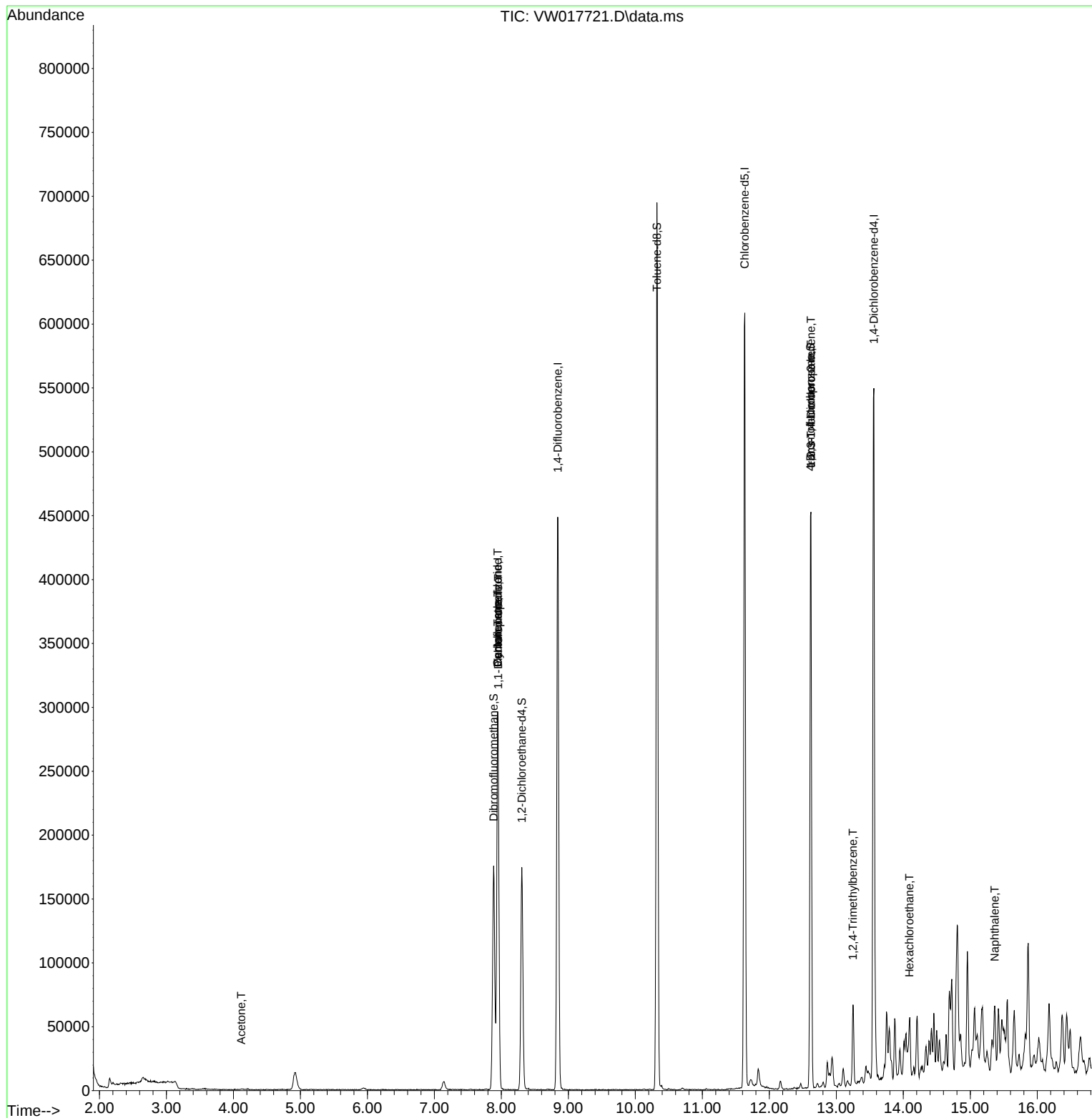
Internal Standards						
1) Pentafluorobenzene	7.945	168	209174	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.842	114	366091	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	325964	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	137056	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	135377	53.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.26%	
35) Dibromofluoromethane	7.884	113	117356	48.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.88%	
50) Toluene-d8	10.323	98	450836	47.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.60%	
62) 4-Bromofluorobenzene	12.615	95	145749	43.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.56%	
Target Compounds						Qvalue
11) Tert butyl alcohol	5.184	59	235	Below Cal	#	82
16) Acetone	4.117	43	855	1.54	ug/l #	43
20) Methylene Chloride	4.928	84	11720	Below Cal		93
26) 2,2-Dichloropropane	7.128	77	254	Below Cal	#	50
31) Cyclohexane	7.945	56	5740	1.30	ug/l #	49
36) 1,1-Dichloropropene	7.951	75	18662	4.87	ug/l #	48
38) Carbon Tetrachloride	7.945	117	22276	5.78	ug/l #	13
76) 1,2,3-Trichloropropane	12.621	75	83727	63.46	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.621	75	83727	128.58	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.249	105	34301	3.80	ug/l	100
90) Hexachloroethane	14.091	117	2624	1.34	ug/l #	7
95) Naphthalene	15.365	128	35616	6.62	ug/l #	94

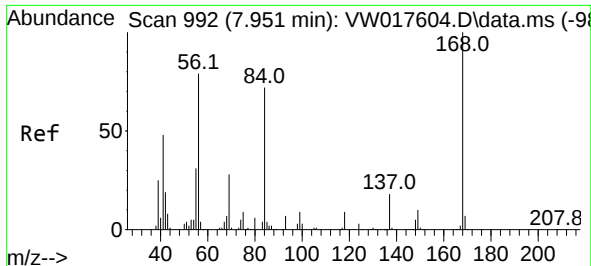
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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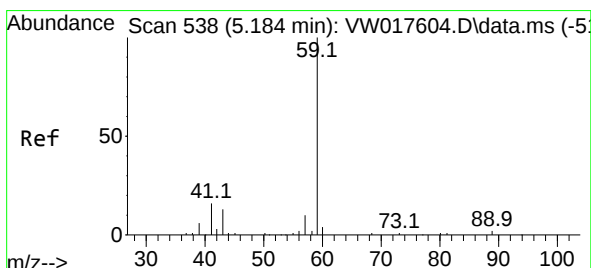
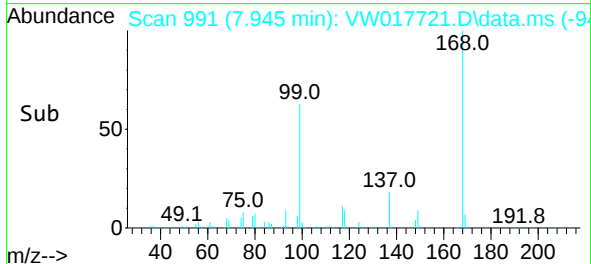
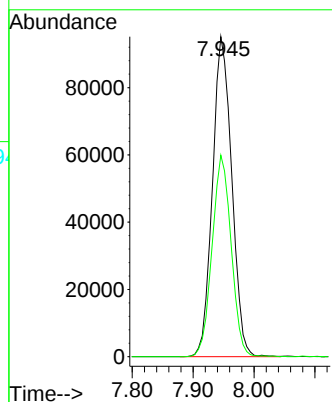
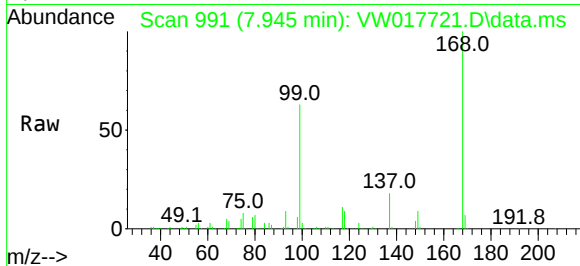




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW017721.D
Acq: 23 Dec 2020 19:02

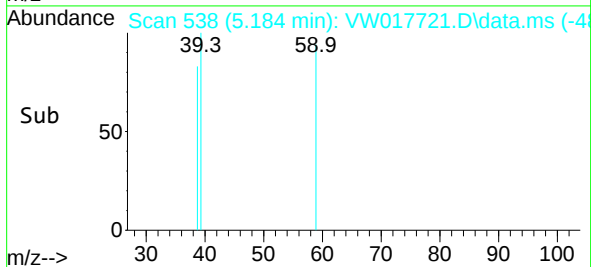
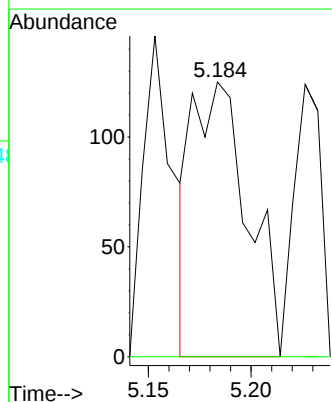
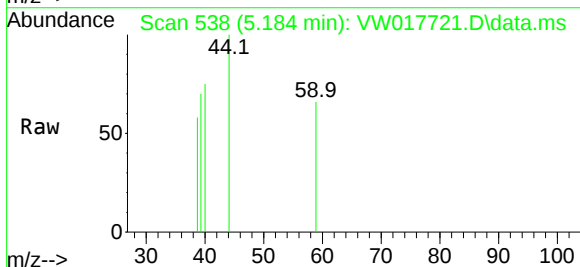
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MSVOA_W
ClientSampleId :
HD-02-122320

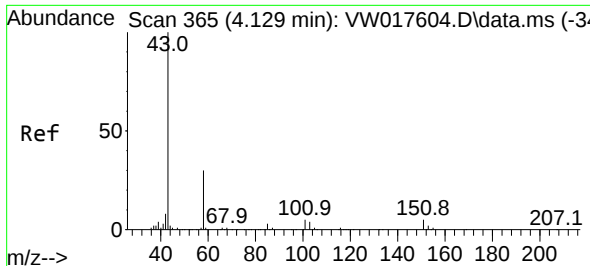
Tgt Ion:168 Resp: 209174
Ion Ratio Lower Upper
168 100
99 63.0 40.7 61.1#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.184 min Scan# 538
Delta R.T. -0.000 min
Lab File: VW017721.D
Acq: 23 Dec 2020 19:02

Tgt Ion: 59 Resp: 235
Ion Ratio Lower Upper
59 100
57 0.0 4.7 7.1#

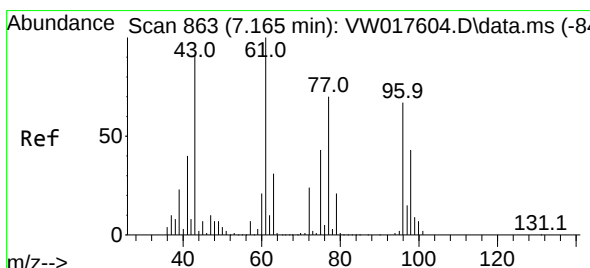
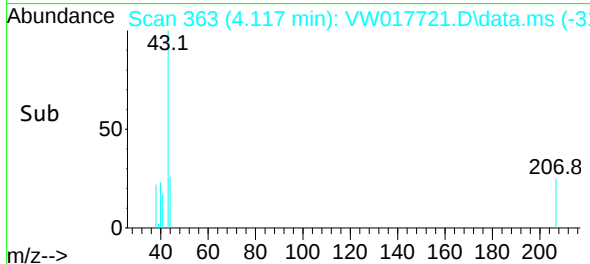
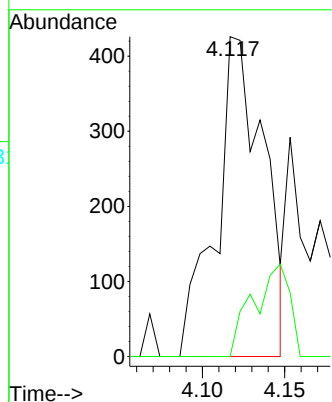
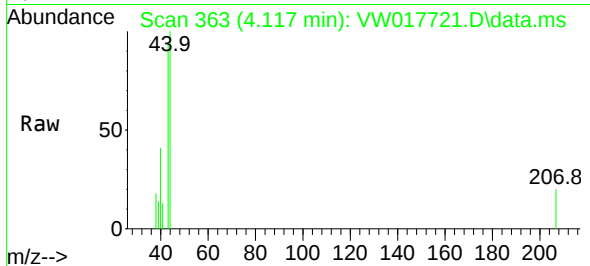




#16
Acetone
Concen: 1.54 ug/l
RT: 4.117 min Scan# 363
Delta R.T. -0.012 min
Lab File: VW017721.D
Acq: 23 Dec 2020 19:02

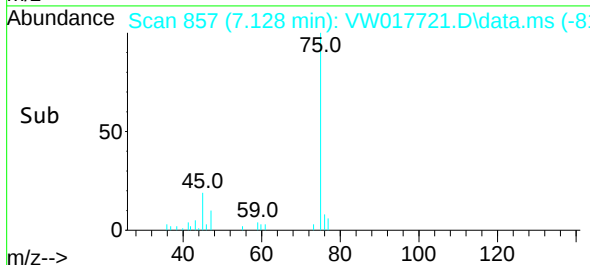
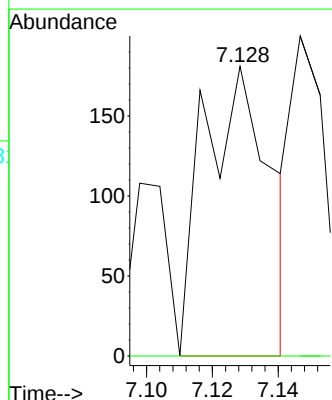
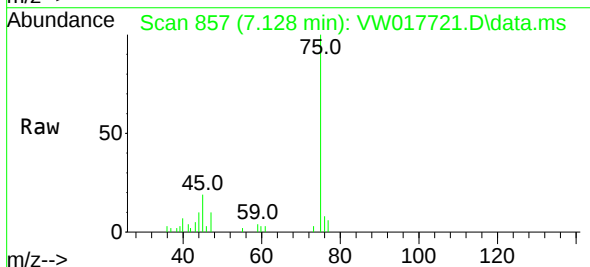
Instrument :
MSVOA_W
ClientSampleId :
HD-02-122320

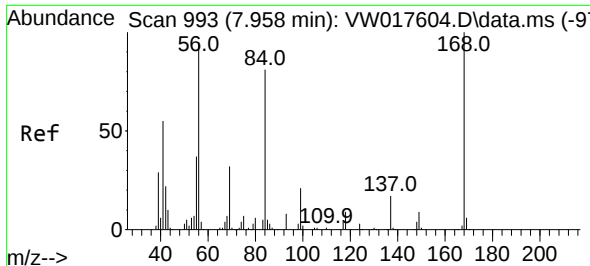
Tgt Ion: 43 Resp: 855
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.128 min Scan# 857
Delta R.T. -0.037 min
Lab File: VW017721.D
Acq: 23 Dec 2020 19:02

Tgt Ion: 77 Resp: 254
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#

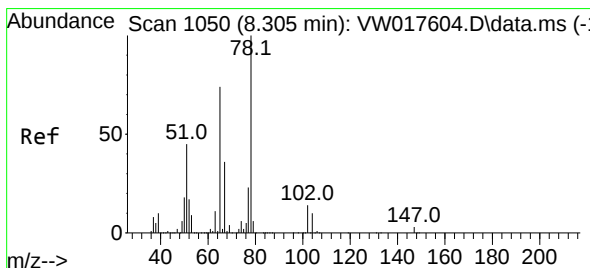
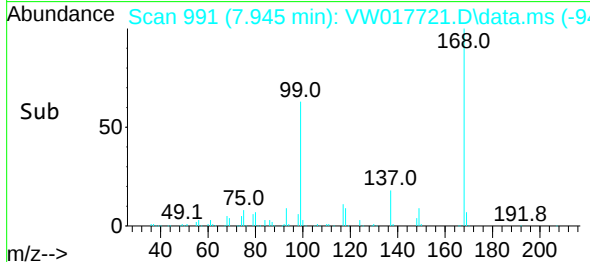
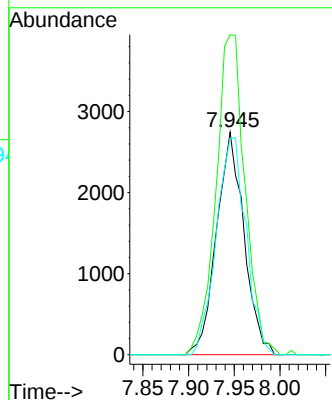
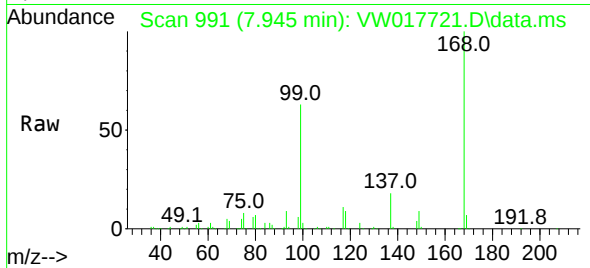




#31
Cyclohexane
Concen: 1.30 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.013 min
Lab File: VW017721.D
Acq: 23 Dec 2020 19:02

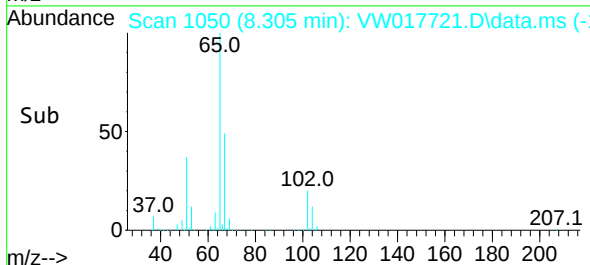
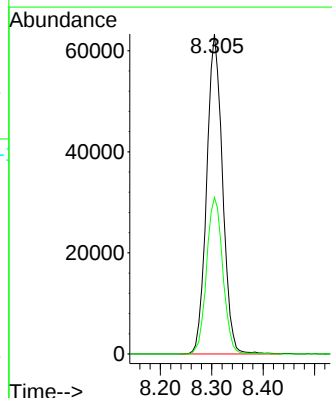
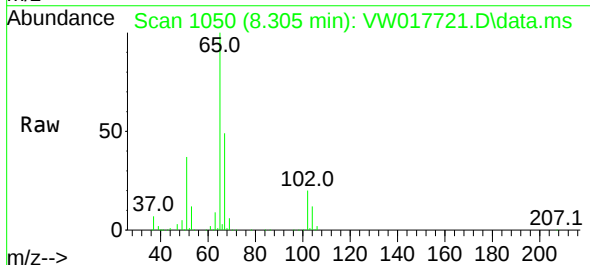
Instrument :
MSVOA_W
ClientSampleId :
HD-02-122320

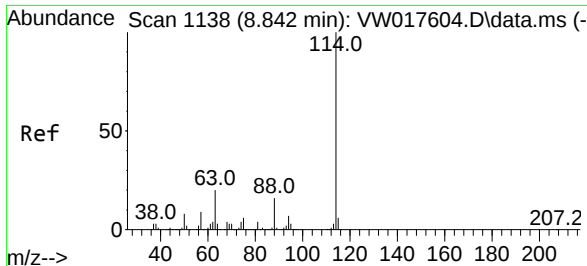
Tgt Ion: 56 Resp: 5740
Ion Ratio Lower Upper
56 100
69 143.9 29.3 43.9#
84 97.3 80.5 120.7



#33
1,2-Dichloroethane-d4
Concen: 53.13 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW017721.D
Acq: 23 Dec 2020 19:02

Tgt Ion: 65 Resp: 135377
Ion Ratio Lower Upper
65 100
67 49.9 0.0 103.8

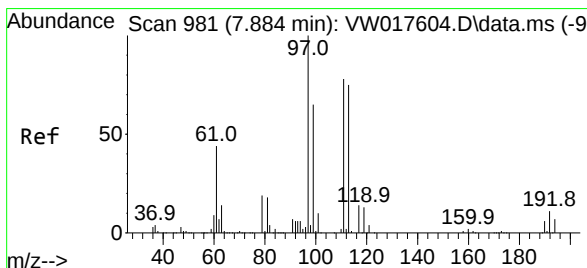
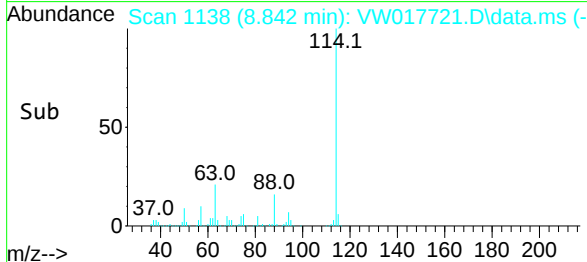
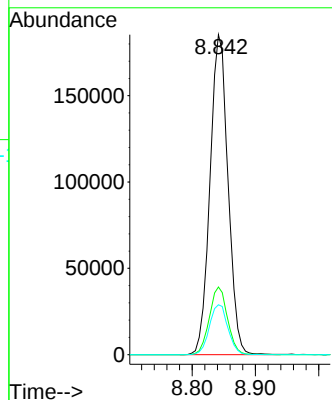
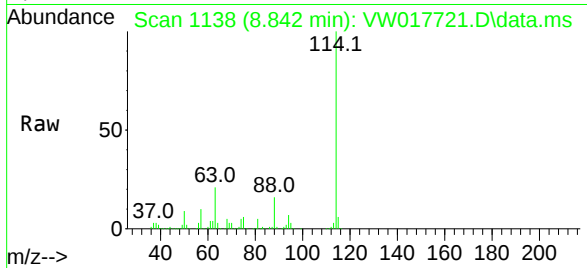




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW017721.D
Acq: 23 Dec 2020 19:02

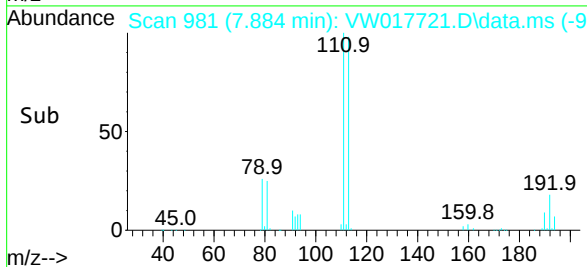
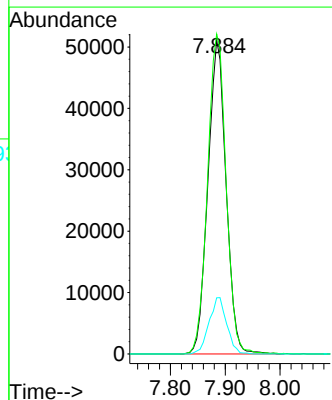
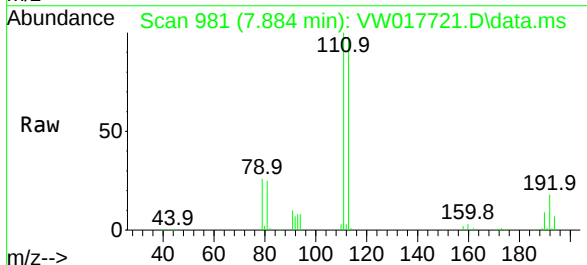
Instrument :
MSVOA_W
ClientSampleId :
HD-02-122320

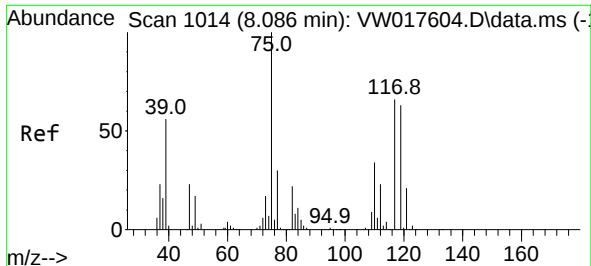
Tgt Ion:114 Resp: 366091
Ion Ratio Lower Upper
114 100
63 21.1 0.0 35.6
88 15.6 0.0 30.4



#35
Dibromofluoromethane
Concen: 48.44 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW017721.D
Acq: 23 Dec 2020 19:02

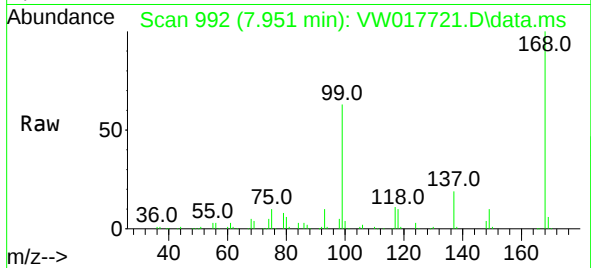
Tgt Ion:113 Resp: 117356
Ion Ratio Lower Upper
113 100
111 104.2 81.4 122.2
192 17.4 17.8 26.8#



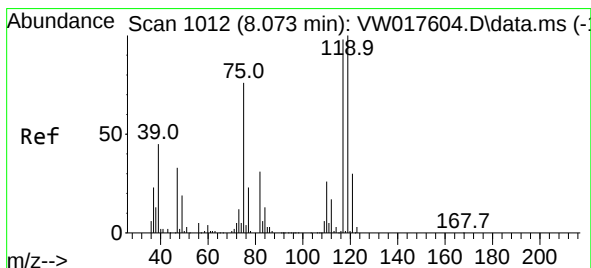
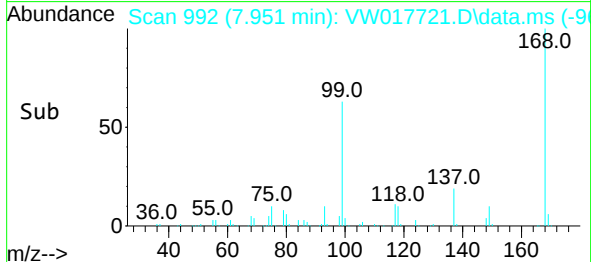
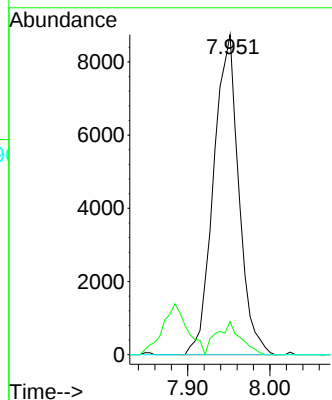


#36
1,1-Dichloropropene
Concen: 4.87 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.135 min
Lab File: VW017721.D
Acq: 23 Dec 2020 19:02

Instrument :
MSVOA_W
ClientSampleId :
HD-02-122320

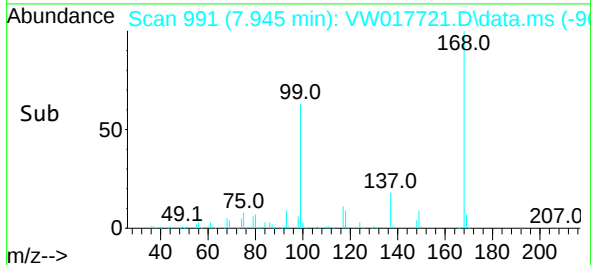
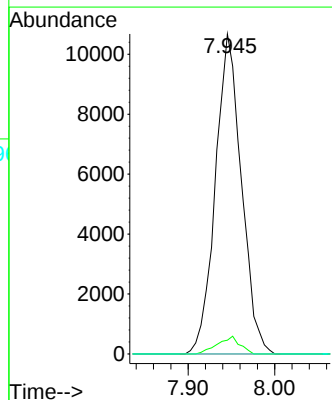
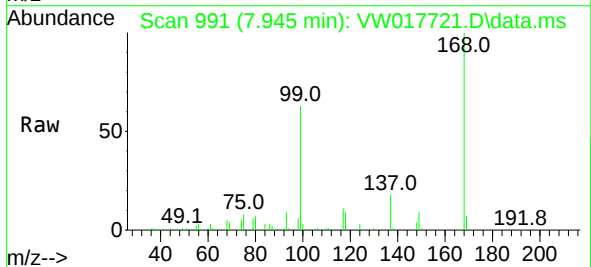


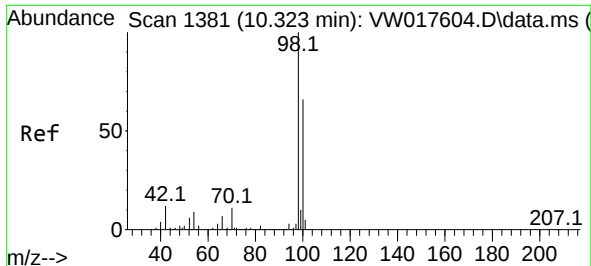
Tgt Ion: 75	Resp: 18662
Ion Ratio	Lower Upper
75 100	
110 9.7	19.3 57.9#
77 0.0	25.0 37.6#



#38
Carbon Tetrachloride
Concen: 5.78 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.128 min
Lab File: VW017721.D
Acq: 23 Dec 2020 19:02

Tgt Ion: 117	Resp: 22276
Ion Ratio	Lower Upper
117 100	
119 4.3	81.6 122.4#
121 0.0	25.7 38.5#

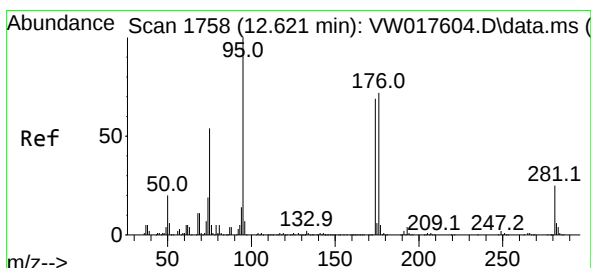
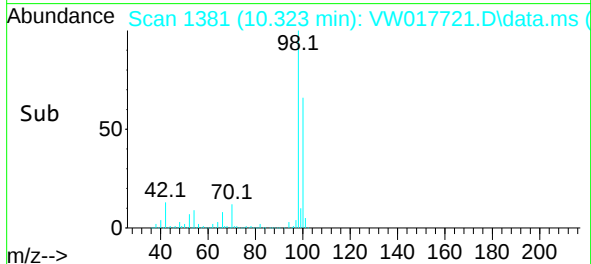
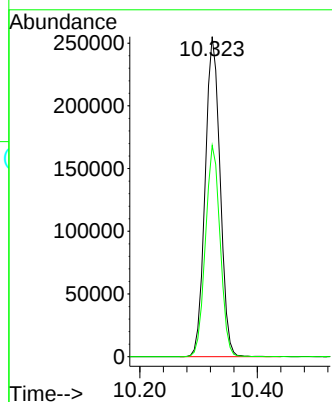
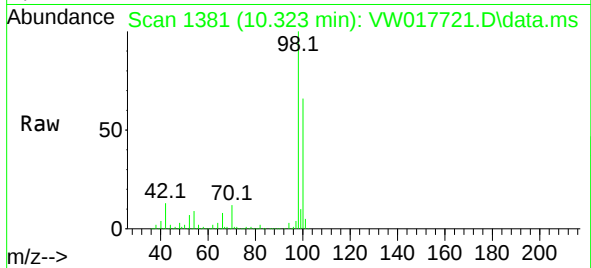




#50
Toluene-d8
Concen: 47.80 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW017721.D
Acq: 23 Dec 2020 19:02

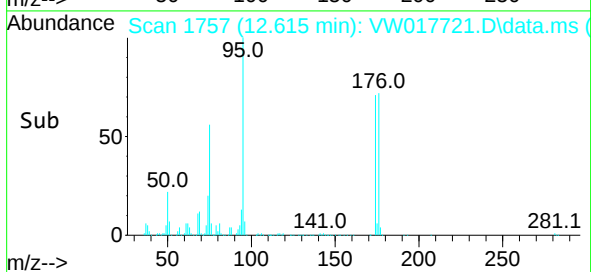
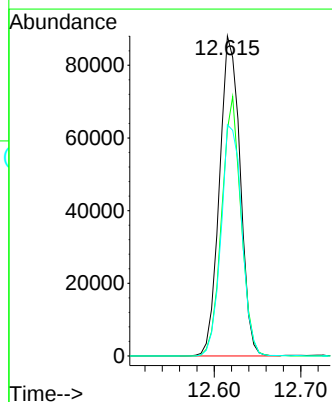
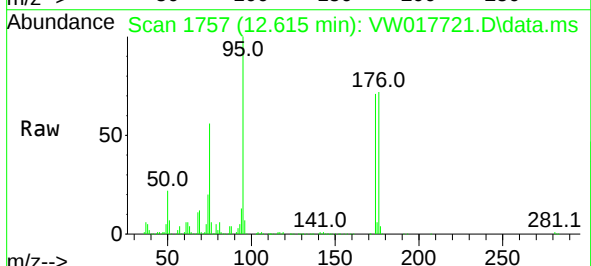
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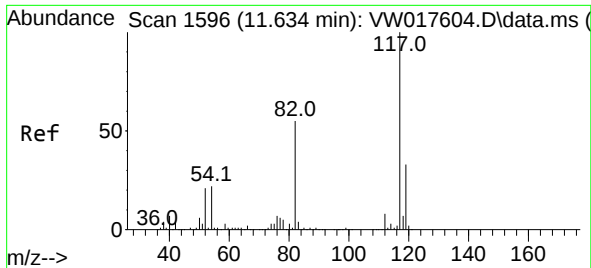
Tgt Ion: 98 Resp: 450836
Ion Ratio Lower Upper
98 100
100 65.0 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 43.28 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.006 min
Lab File: VW017721.D
Acq: 23 Dec 2020 19:02

Tgt Ion: 95 Resp: 145749
Ion Ratio Lower Upper
95 100
174 75.7 0.0 180.6
176 73.0 0.0 177.6

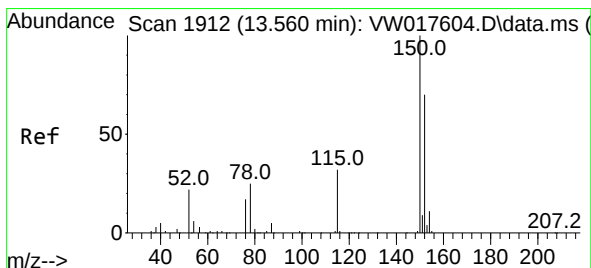
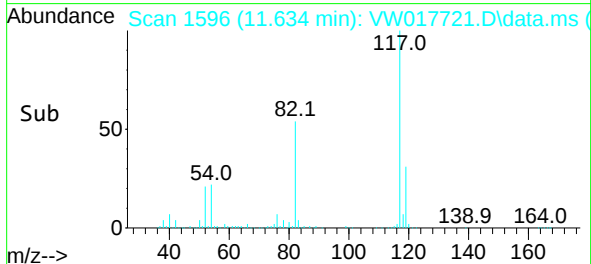
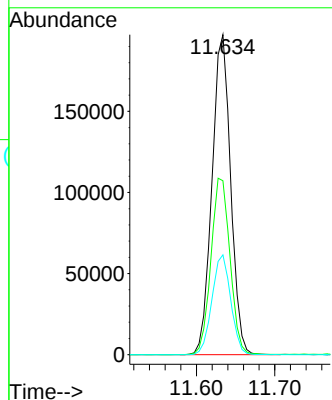
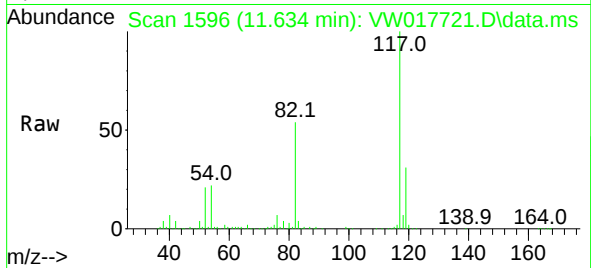




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017721.D
Acq: 23 Dec 2020 19:02

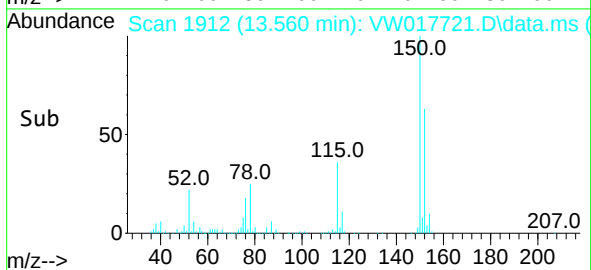
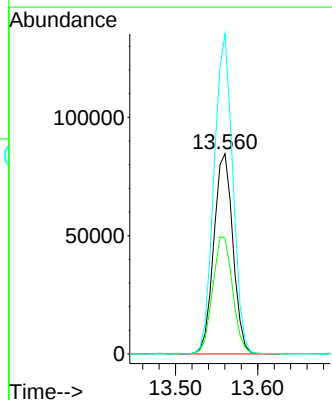
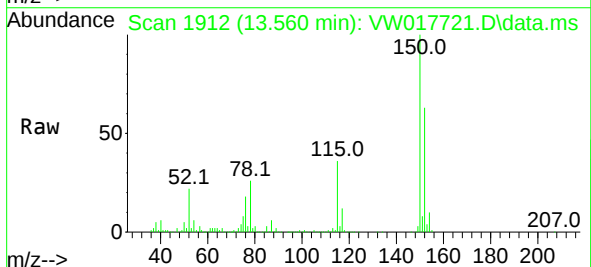
Instrument :
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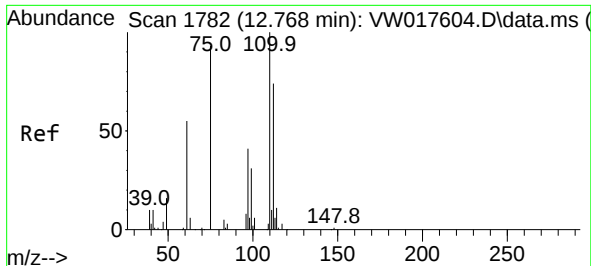
Tgt Ion:117 Resp: 325964
Ion Ratio Lower Upper
117 100
82 54.3 40.7 61.1
119 31.2 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017721.D
Acq: 23 Dec 2020 19:02

Tgt Ion:152 Resp: 137056
Ion Ratio Lower Upper
152 100
115 60.7 27.9 83.7
150 156.5 0.0 344.0

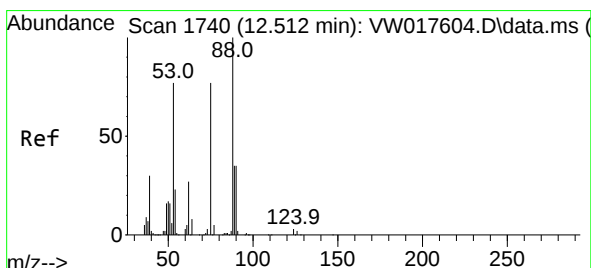
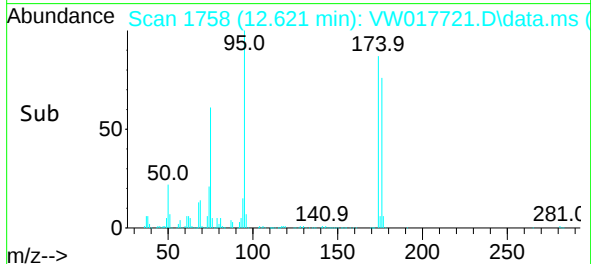
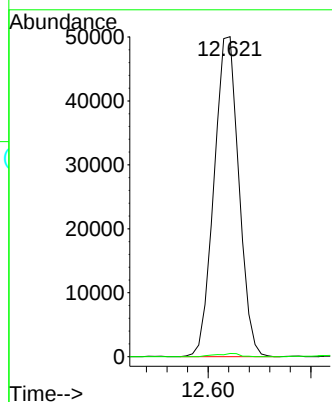
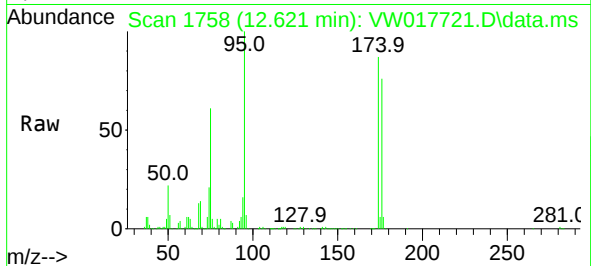




#76
1,2,3-Trichloropropane
Concen: 63.46 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. -0.147 min
Lab File: VW017721.D
Acq: 23 Dec 2020 19:02

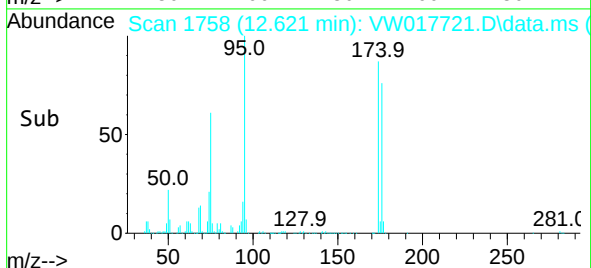
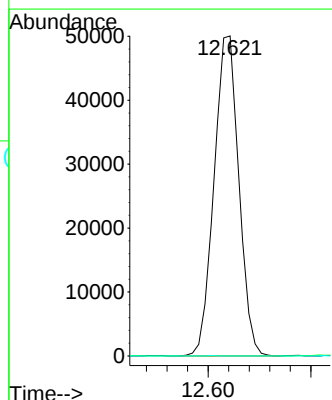
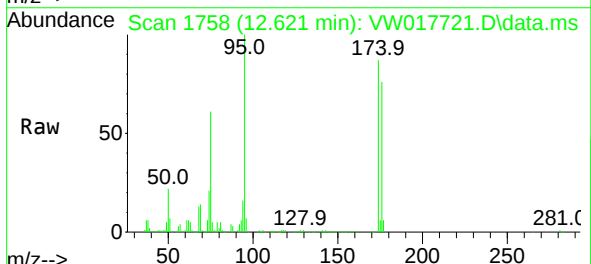
Instrument :
MSVOA_W
ClientSampleId :
HD-02-122320

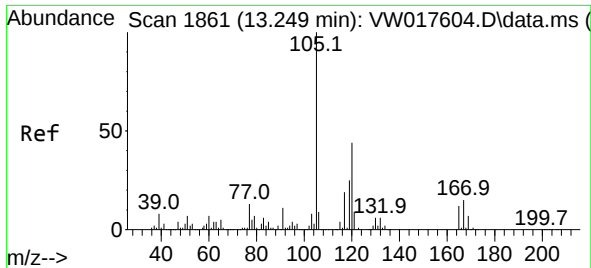
Tgt Ion: 75 Resp: 83727
Ion Ratio Lower Upper
75 100
77 0.9 178.8 536.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.58 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.109 min
Lab File: VW017721.D
Acq: 23 Dec 2020 19:02

Tgt Ion: 75 Resp: 83727
Ion Ratio Lower Upper
75 100
53 0.0 77.0 115.4#
89 0.0 38.7 58.1#

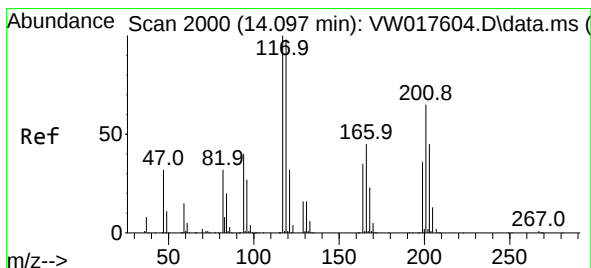
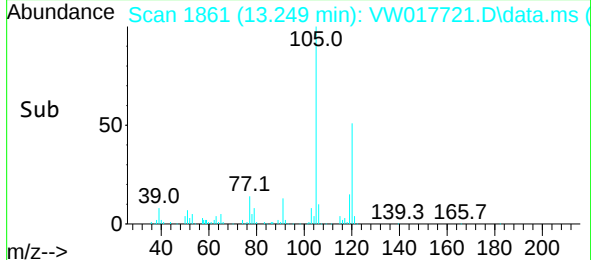
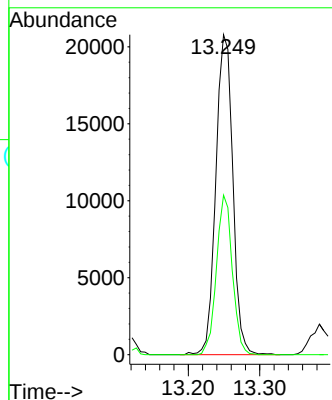
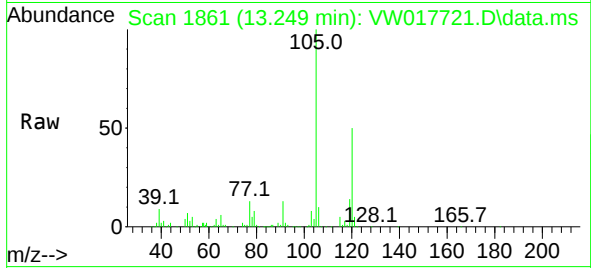




#84
1,2,4-Trimethylbenzene
Concen: 3.80 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW017721.D
Acq: 23 Dec 2020 19:02

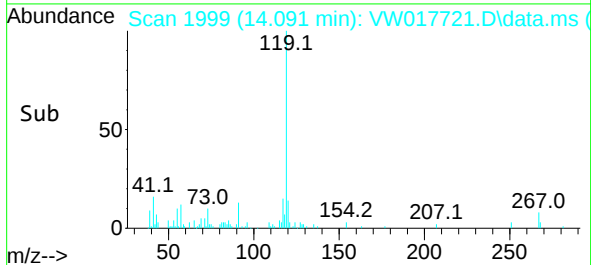
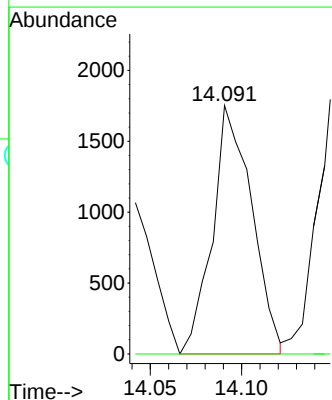
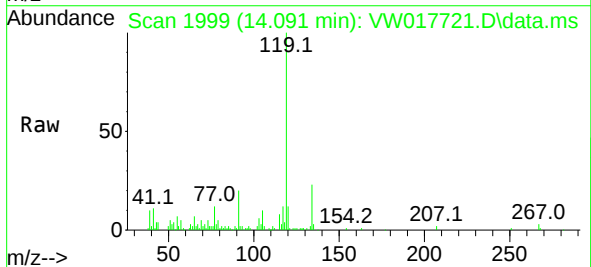
Instrument :
MSVOA_W
ClientSampleId :
HD-02-122320

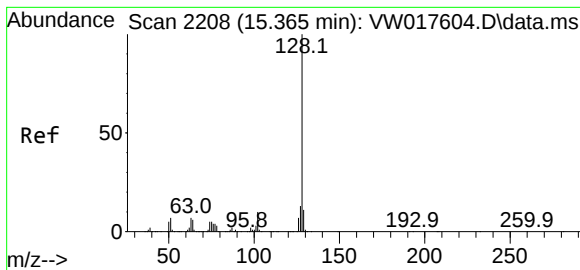
Tgt Ion:105 Resp: 34301
Ion Ratio Lower Upper
105 100
120 46.6 23.4 70.0



#90
Hexachloroethane
Concen: 1.34 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. -0.006 min
Lab File: VW017721.D
Acq: 23 Dec 2020 19:02

Tgt Ion:117 Resp: 2624
Ion Ratio Lower Upper
117 100
201 0.0 41.9 125.7#





#95
Naphthalene
Concen: 6.62 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW017721.D
Acq: 23 Dec 2020 19:02

Instrument :
MSVOA_W
ClientSampleId :
HD-02-122320

Tgt Ion:128 Resp: 35616
Ion Ratio Lower Upper
128 100
127 15.9 10.4 15.6#
129 12.5 8.6 12.8

