

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121520\
 Data File : VW017637.D
 Acq On : 15 Dec 2020 16:35
 Operator : SY/VA
 Sample : L5037-04
 Misc : 6.25G/5ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 16 02:40:13 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)

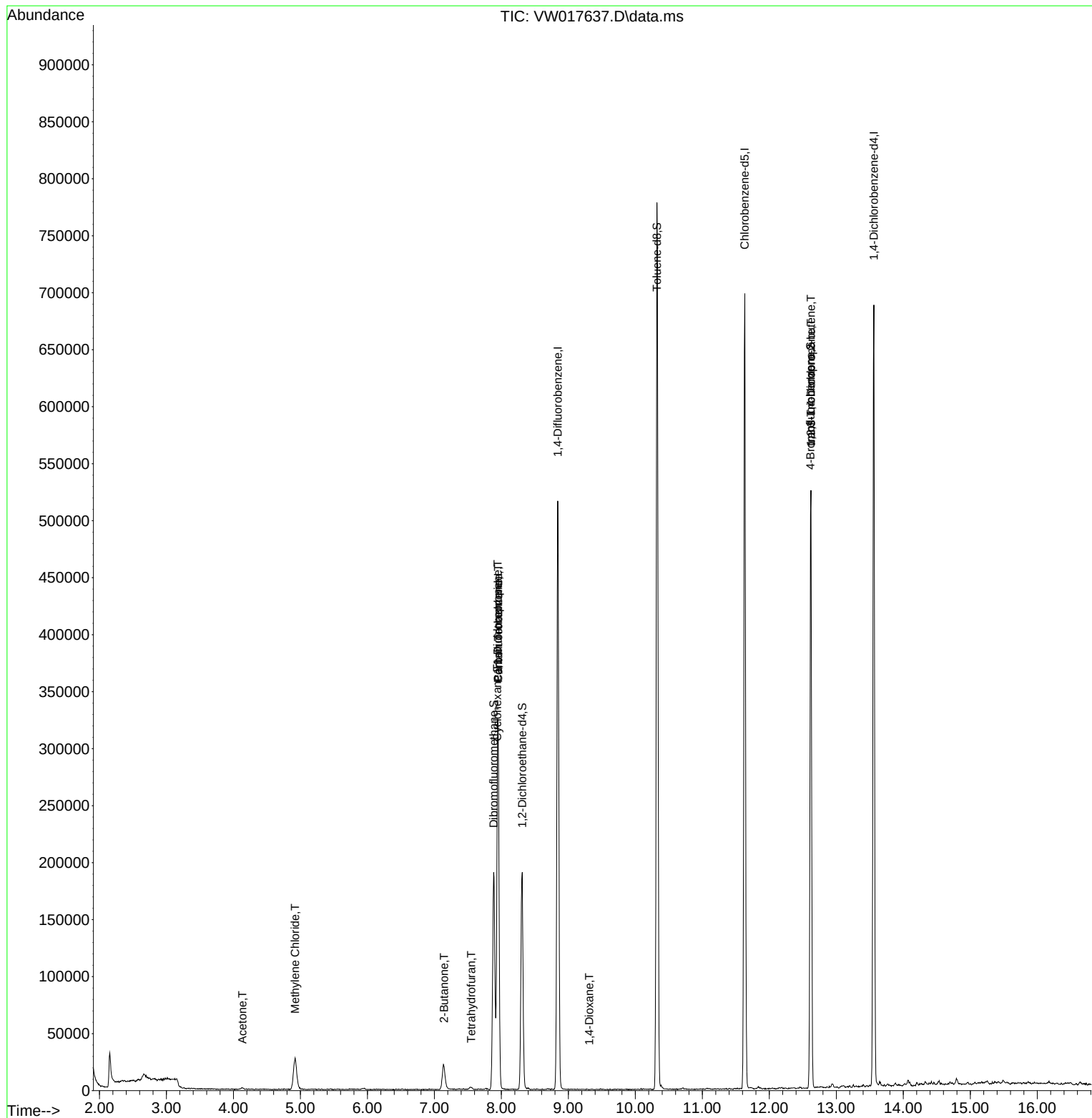
Internal Standards						
1) Pentafluorobenzene	7.951	168	234515	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.842	114	415687	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	368200	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	165738	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	150592	52.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.44%	
35) Dibromofluoromethane	7.884	113	132314	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.20%	
50) Toluene-d8	10.323	98	504404	47.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.20%	
62) 4-Bromofluorobenzene	12.615	95	169061	44.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.42%	
Target Compounds						Qvalue
11) Tert butyl alcohol	5.159	59	147	Below Cal	#	57
16) Acetone	4.135	43	2831	4.55	ug/l #	84
20) Methylene Chloride	4.922	84	22032	3.02	ug/l #	82
25) 2-Butanone	7.147	43	936	1.13	ug/l #	59
26) 2,2-Dichloropropane	7.128	77	1511	Below Cal	#	50
29) Tetrahydrofuran	7.549	42	1932	4.15	ug/l #	74
31) Cyclohexane	7.939	56	6077	1.23	ug/l #	38
36) 1,1-Dichloropropene	7.945	75	21570	4.96	ug/l #	47
38) Carbon Tetrachloride	7.951	117	24940	5.70	ug/l #	12
49) 1,4-Dioxane	9.311	88	22	1.12	ug/l #	16
76) 1,2,3-Trichloropropane	12.621	75	97520	61.12	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.621	75	97520	123.84	ug/l #	11

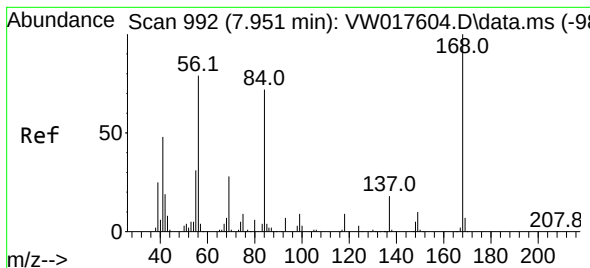
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

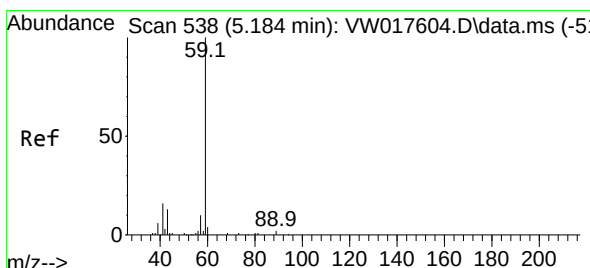
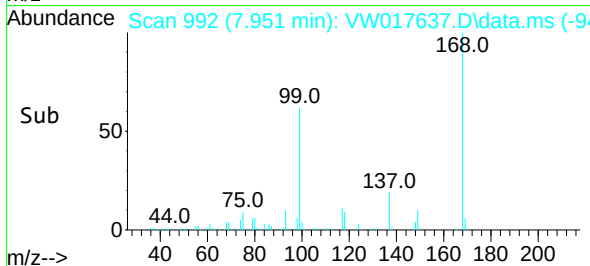
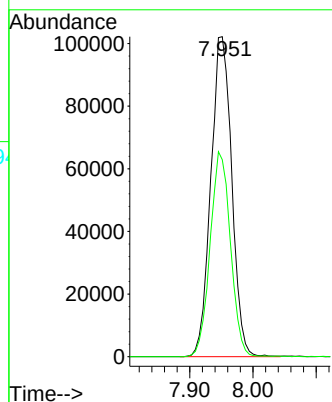
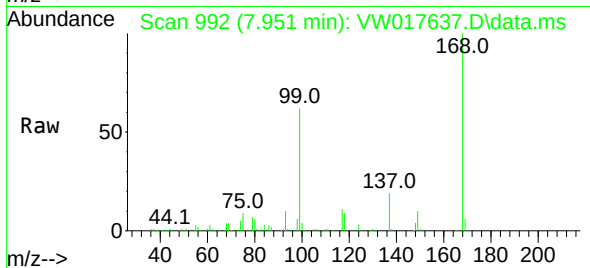




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW017637.D
Acq: 15 Dec 2020 16:35

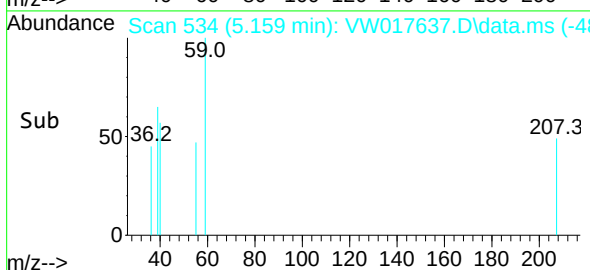
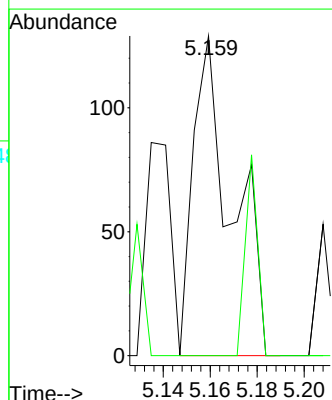
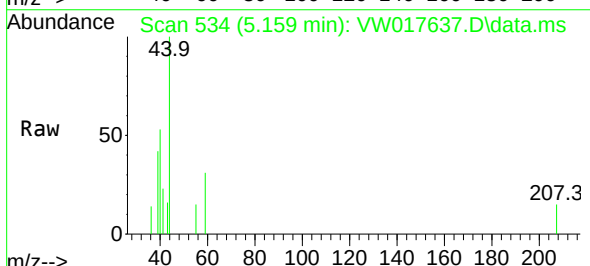
Instrument :
MSVOA_W
ClientSampleId :

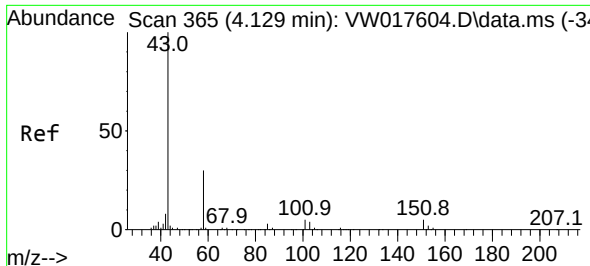
Tgt Ion:168 Resp: 234515
Ion Ratio Lower Upper
168 100
99 61.5 40.7 61.1#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.159 min Scan# 534
Delta R.T. -0.025 min
Lab File: VW017637.D
Acq: 15 Dec 2020 16:35

Tgt Ion: 59 Resp: 147
Ion Ratio Lower Upper
59 100
57 20.4 4.7 7.1#

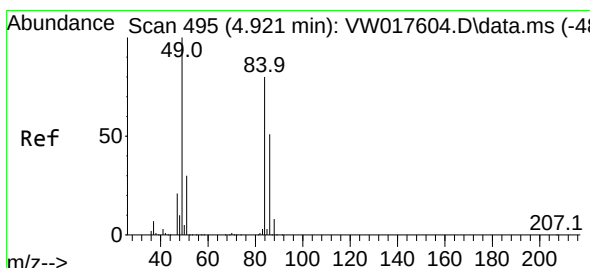
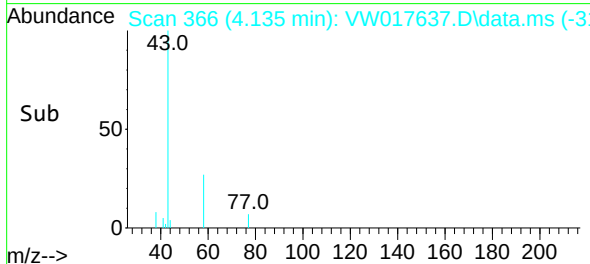
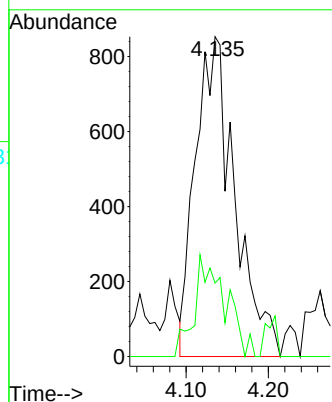
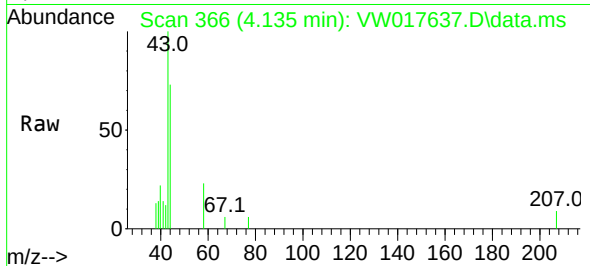




#16
Acetone
Concen: 4.55 ug/l
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW017637.D
Acq: 15 Dec 2020 16:35

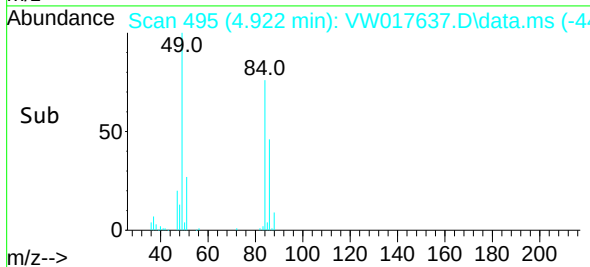
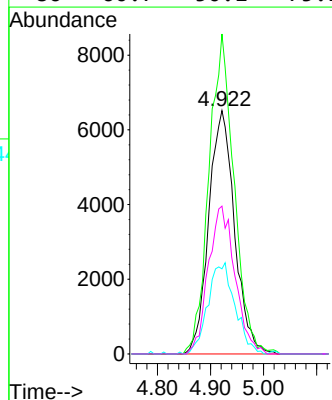
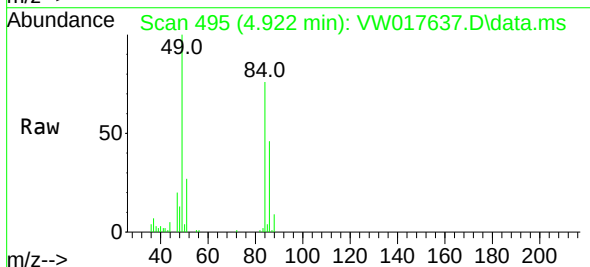
Instrument :
MSVOA_W
ClientSampleId :

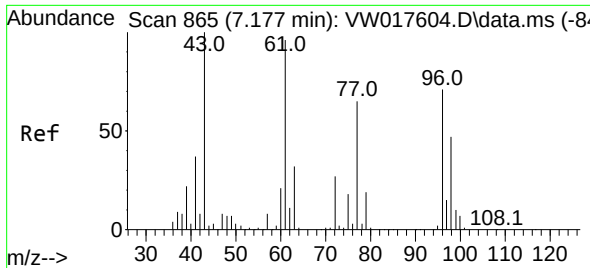
Tgt Ion: 43 Resp: 2831
Ion Ratio Lower Upper
43 100
58 23.0 25.7 38.5#



#20
Methylene Chloride
Concen: 3.02 ug/l
RT: 4.922 min Scan# 495
Delta R.T. 0.001 min
Lab File: VW017637.D
Acq: 15 Dec 2020 16:35

Tgt Ion: 84 Resp: 22032
Ion Ratio Lower Upper
84 100
49 131.5 79.0 118.6#
51 35.0 26.1 39.1
86 60.7 50.1 75.1

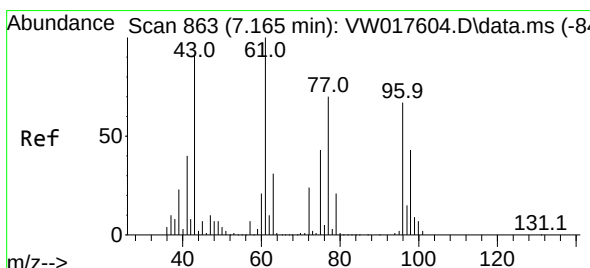
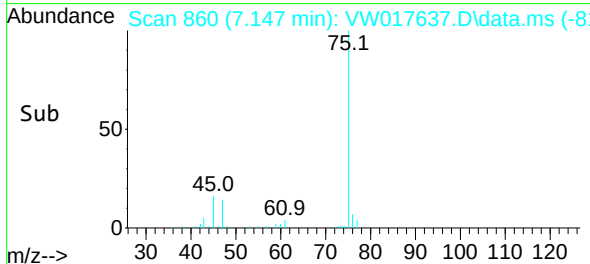
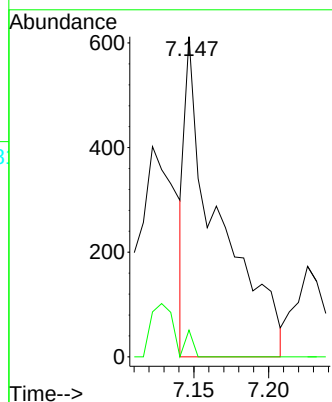
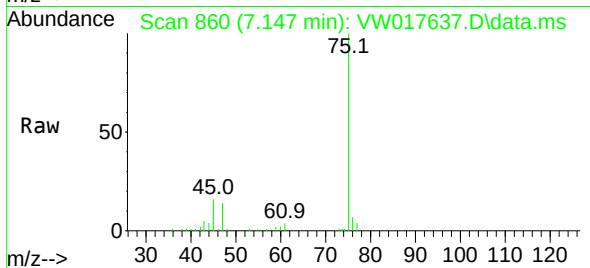




#25
2-Butanone
Concen: 1.13 ug/l
RT: 7.147 min Scan# 860
Delta R.T. -0.030 min
Lab File: VW017637.D
Acq: 15 Dec 2020 16:35

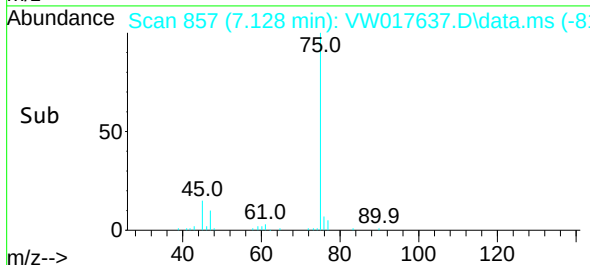
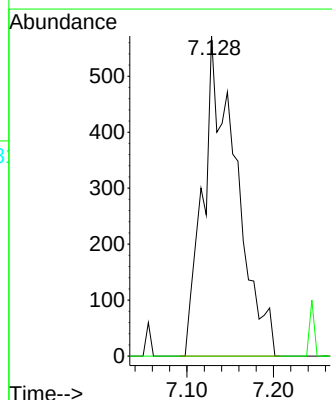
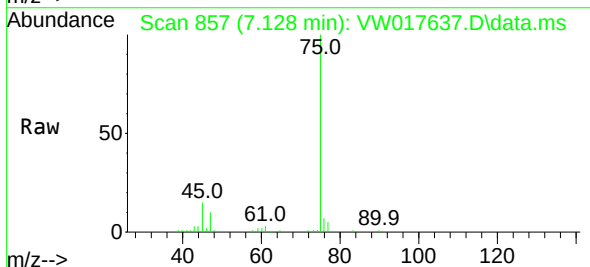
Instrument :
MSVOA_W
ClientSampled :

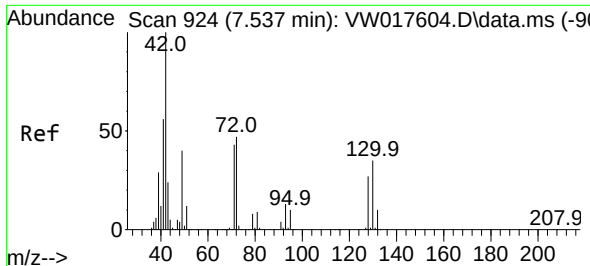
Tgt Ion: 43 Resp: 936
Ion Ratio Lower Upper
43 100
72 9.2 25.4 38.2#



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.128 min Scan# 857
Delta R.T. -0.037 min
Lab File: VW017637.D
Acq: 15 Dec 2020 16:35

Tgt Ion: 77 Resp: 1511
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#





#29

Tetrahydrofuran

Concen: 4.15 ug/l

RT: 7.549 min Scan# 926

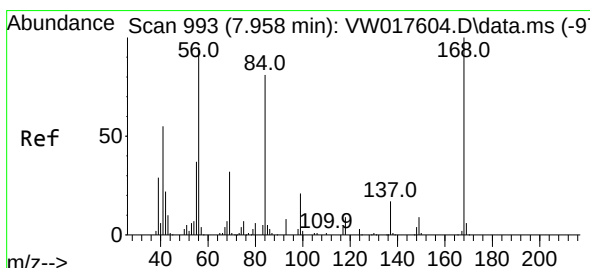
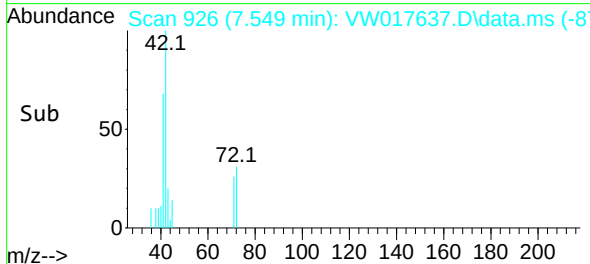
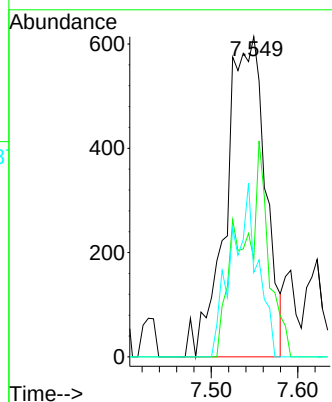
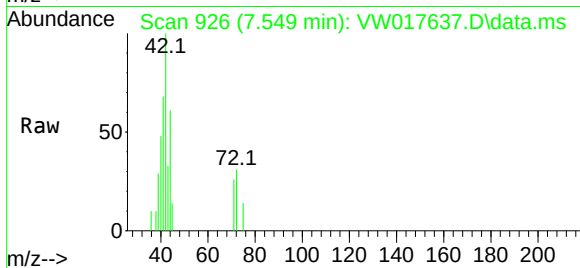
Delta R.T. 0.012 min

Lab File: VW017637.D

Acq: 15 Dec 2020 16:35

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	42	Resp:	1932
Ion	Ratio	Lower	Upper
42	100		
72	29.1	42.0	63.0#
71	35.9	39.0	58.6#



#31

Cyclohexane

Concen: 1.23 ug/l

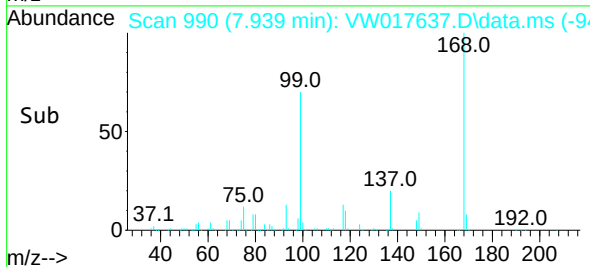
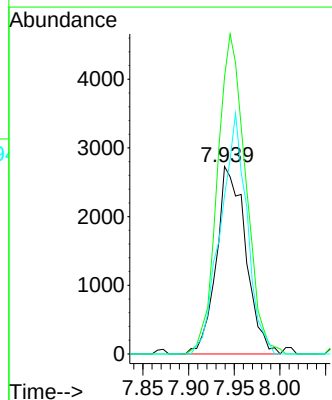
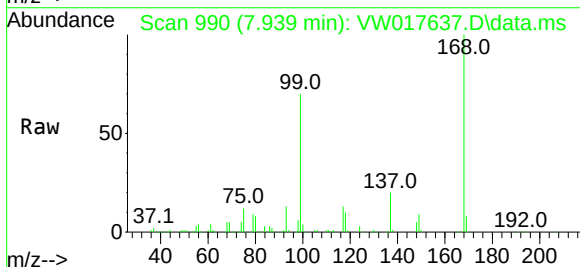
RT: 7.939 min Scan# 990

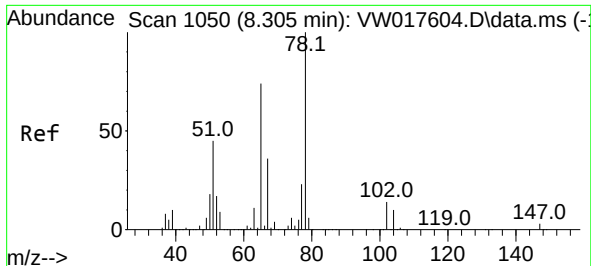
Delta R.T. -0.019 min

Lab File: VW017637.D

Acq: 15 Dec 2020 16:35

Tgt Ion:	56	Resp:	6077
Ion	Ratio	Lower	Upper
56	100		
69	147.6	29.3	43.9#
84	84.4	80.5	120.7

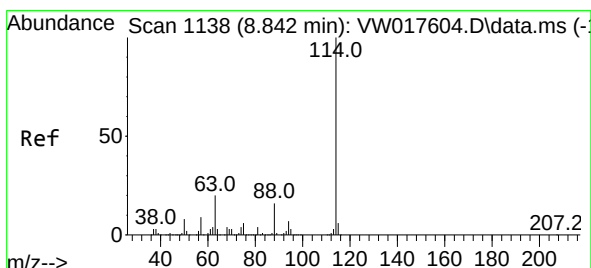
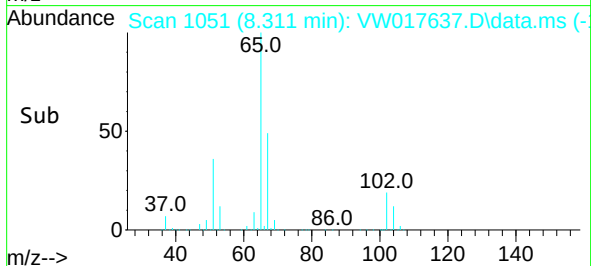
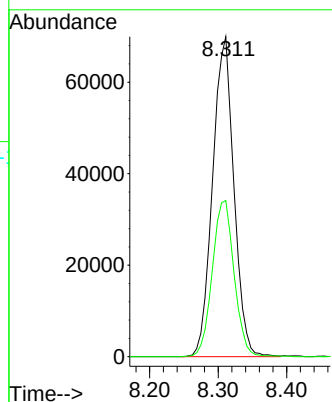
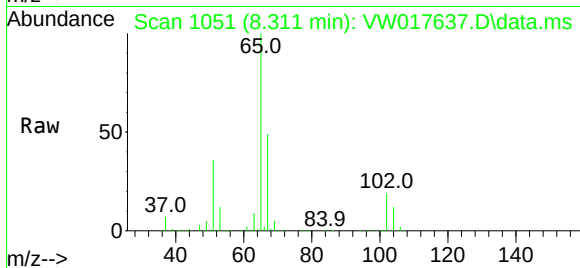




#33
1,2-Dichloroethane-d4
Concen: 52.72 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VW017637.D
Acq: 15 Dec 2020 16:35

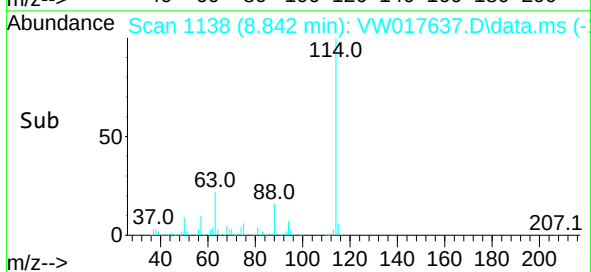
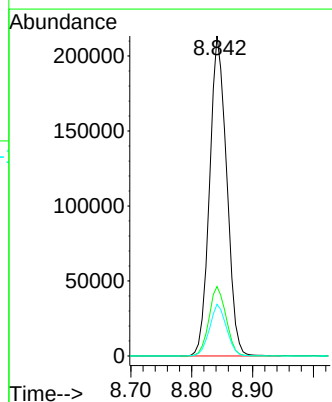
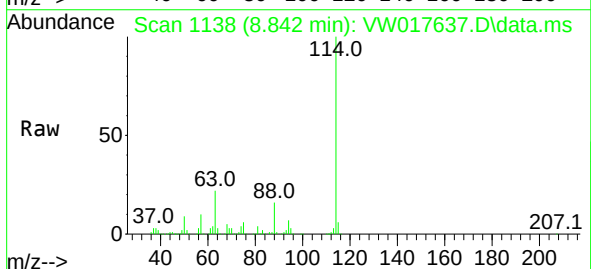
Instrument :
MSVOA_W
ClientSampled :

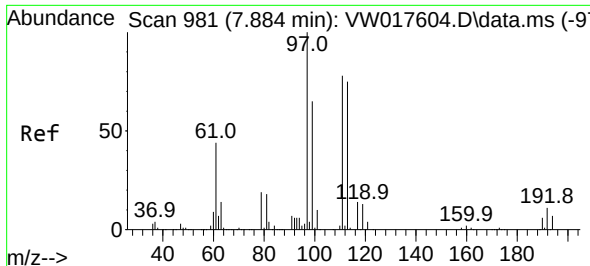
Tgt Ion: 65 Resp: 150592
Ion Ratio Lower Upper
65 100
67 50.2 0.0 103.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW017637.D
Acq: 15 Dec 2020 16:35

Tgt Ion: 114 Resp: 415687
Ion Ratio Lower Upper
114 100
63 21.7 0.0 35.6
88 16.1 0.0 30.4

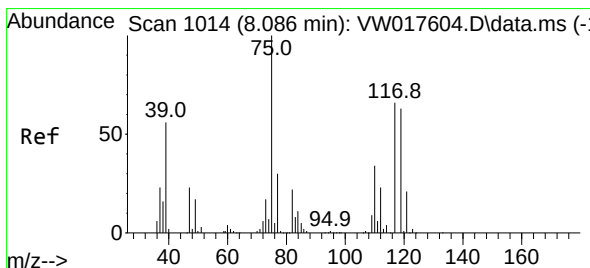
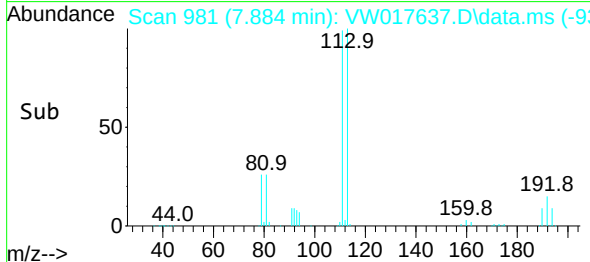
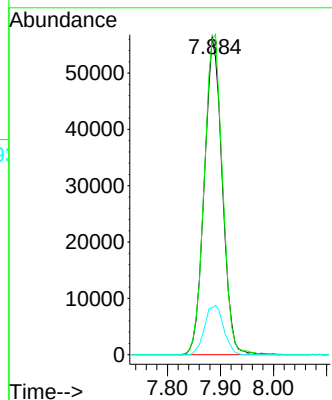
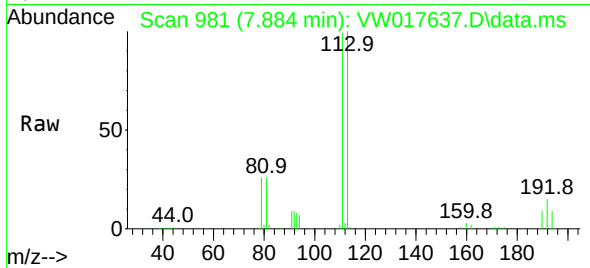




#35
Dibromofluoromethane
Concen: 48.10 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW017637.D
Acq: 15 Dec 2020 16:35

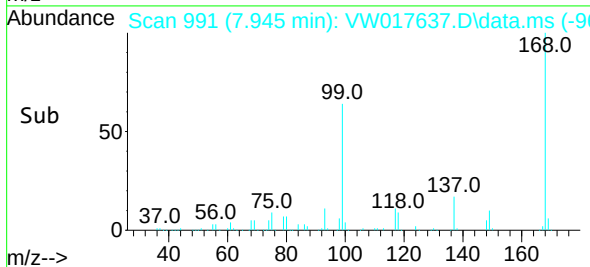
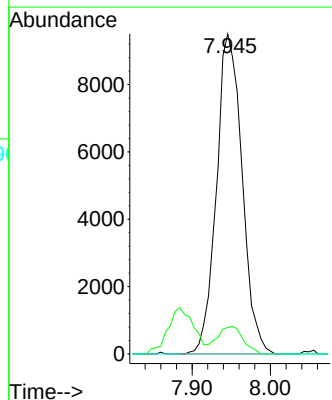
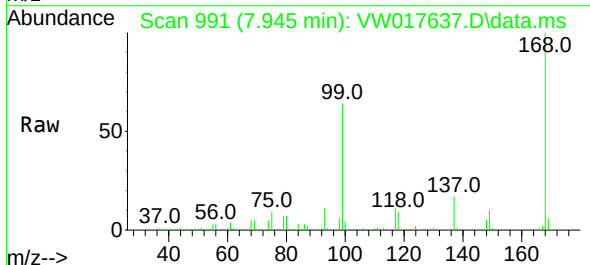
Instrument :
MSVOA_W
ClientSampleId :

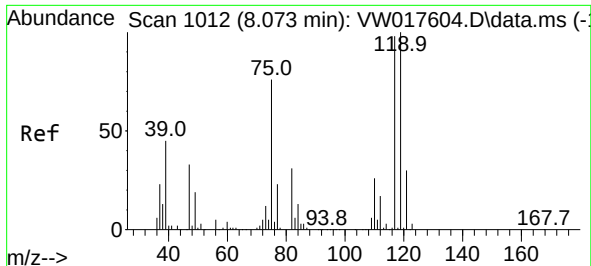
Tgt Ion:113 Resp: 132314
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.2
192 16.5 17.8 26.8#



#36
1,1-Dichloropropene
Concen: 4.96 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.141 min
Lab File: VW017637.D
Acq: 15 Dec 2020 16:35

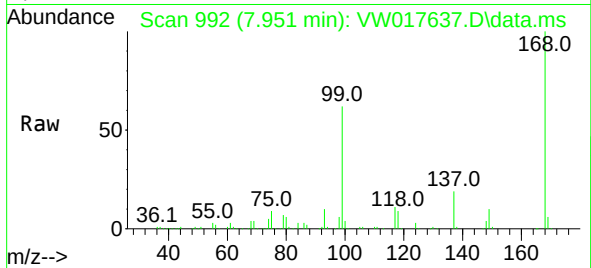
Tgt Ion: 75 Resp: 21570
Ion Ratio Lower Upper
75 100
110 8.5 19.3 57.9#
77 0.0 25.0 37.6#



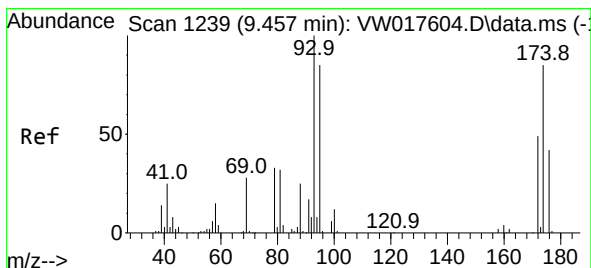
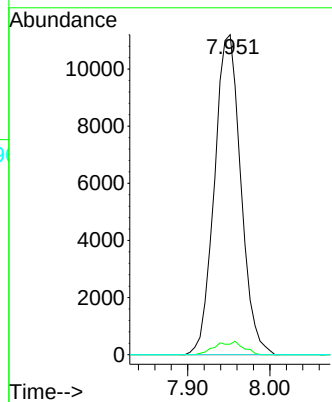
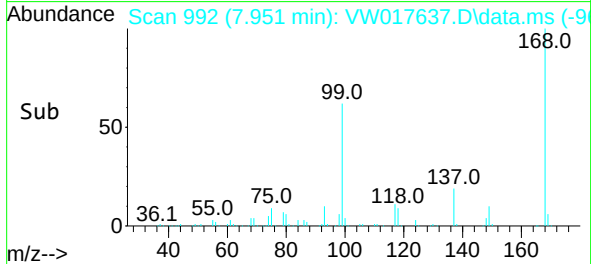


#38
Carbon Tetrachloride
Concen: 5.70 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.122 min
Lab File: VW017637.D
Acq: 15 Dec 2020 16:35

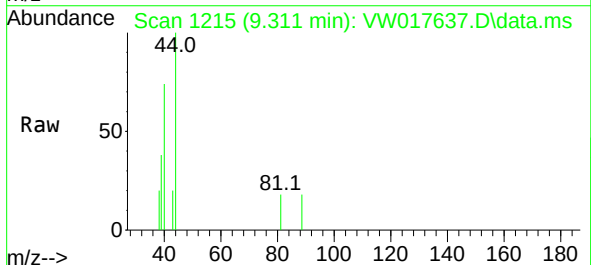
Instrument :
MSVOA_W
ClientSampleId :



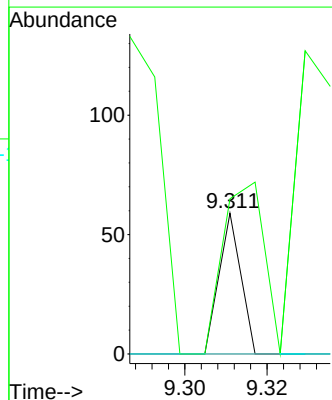
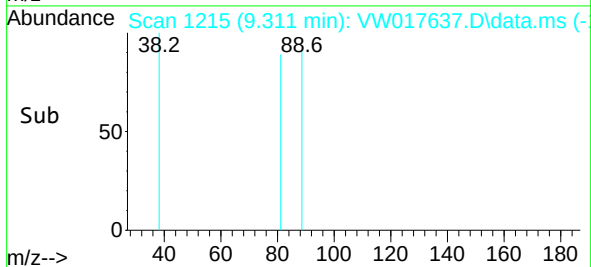
Tgt Ion:117 Resp: 24940
Ion Ratio Lower Upper
117 100
119 3.3 81.6 122.4#
121 0.0 25.7 38.5#

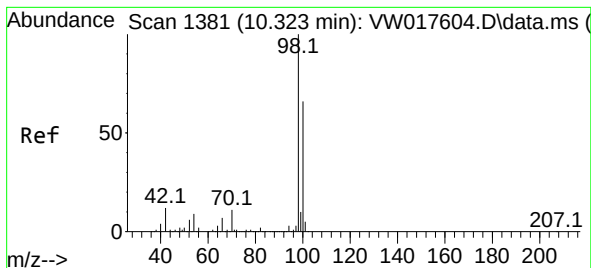


#49
1,4-Dioxane
Concen: 1.12 ug/l
RT: 9.311 min Scan# 1215
Delta R.T. -0.146 min
Lab File: VW017637.D
Acq: 15 Dec 2020 16:35



Tgt Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 627.3 0.0 0.0#
58 0.0 54.0 81.0#

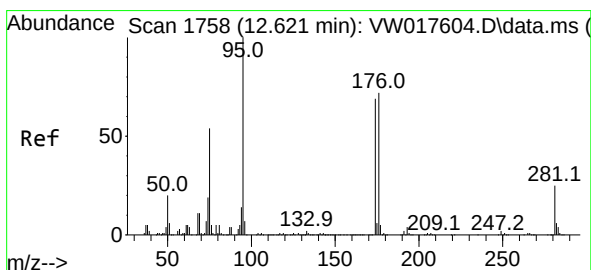
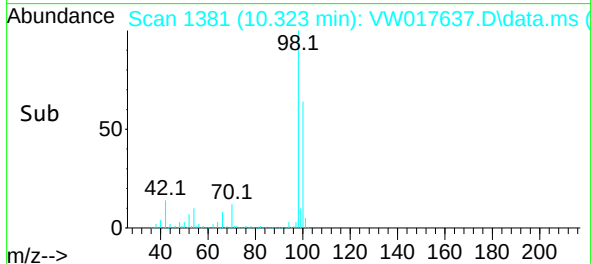
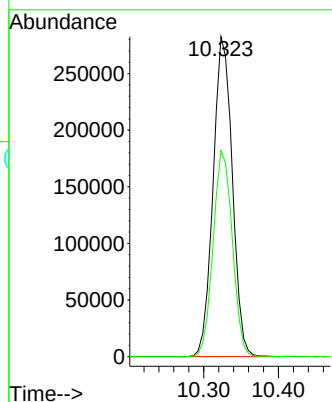
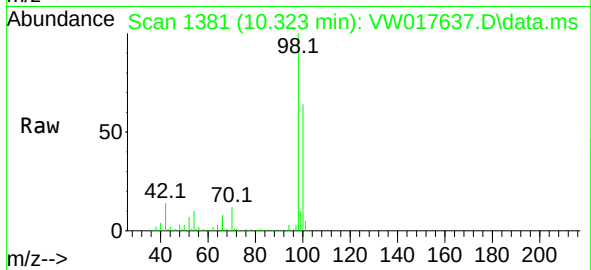




#50
Toluene-d8
Concen: 47.10 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW017637.D
Acq: 15 Dec 2020 16:35

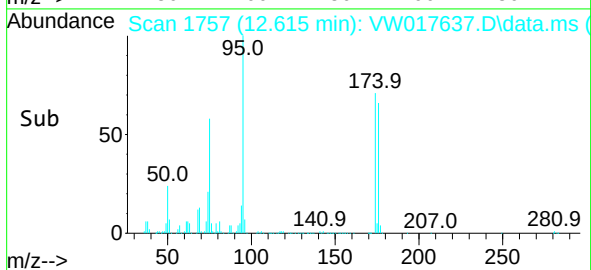
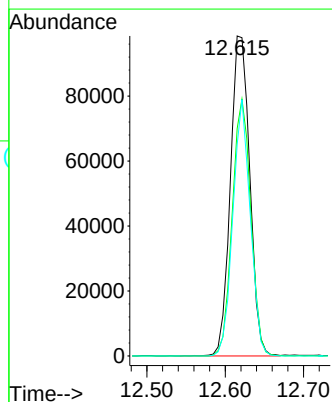
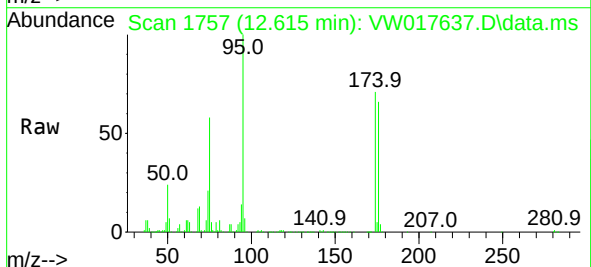
Instrument :
MSVOA_W
ClientSampleId :

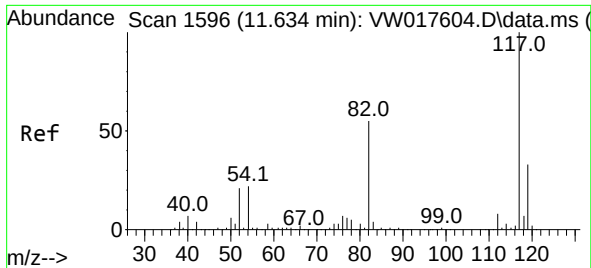
Tgt Ion: 98 Resp: 504404
Ion Ratio Lower Upper
98 100
100 64.5 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 44.21 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.006 min
Lab File: VW017637.D
Acq: 15 Dec 2020 16:35

Tgt Ion: 95 Resp: 169061
Ion Ratio Lower Upper
95 100
174 76.9 0.0 180.6
176 71.7 0.0 177.6

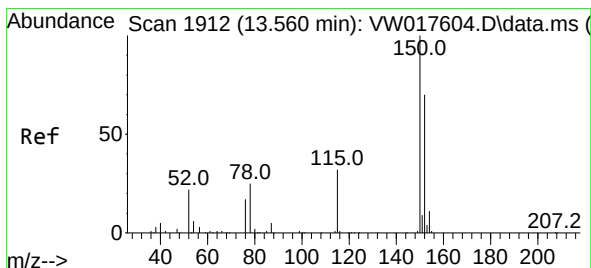
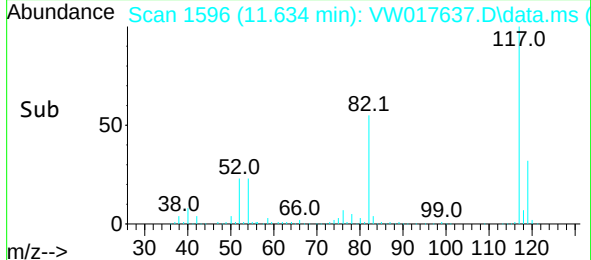
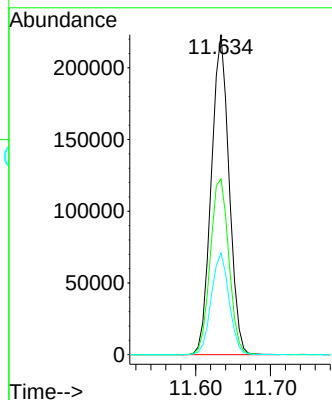
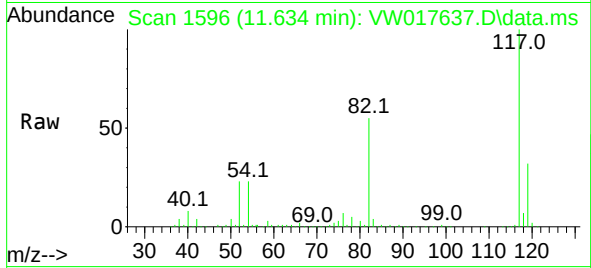




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017637.D
Acq: 15 Dec 2020 16:35

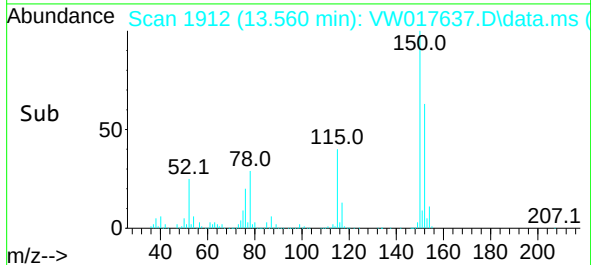
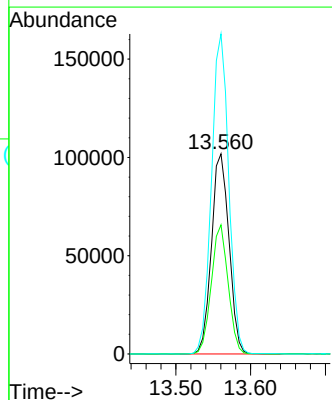
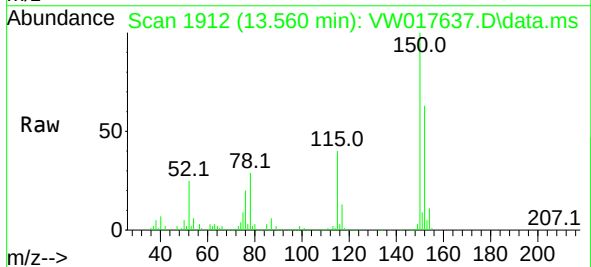
Instrument :
MSVOA_W
ClientSampleId :

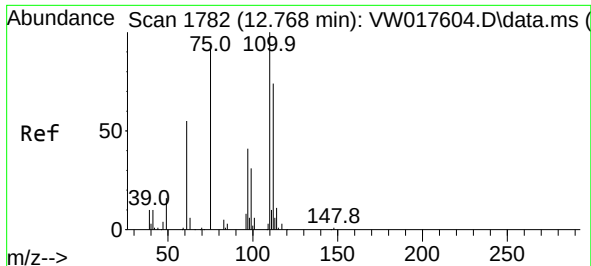
Tgt Ion:117 Resp: 368200
Ion Ratio Lower Upper
117 100
82 54.9 40.7 61.1
119 31.8 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017637.D
Acq: 15 Dec 2020 16:35

Tgt Ion:152 Resp: 165738
Ion Ratio Lower Upper
152 100
115 62.0 27.9 83.7
150 157.3 0.0 344.0

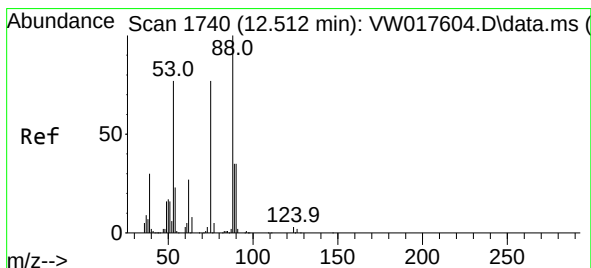
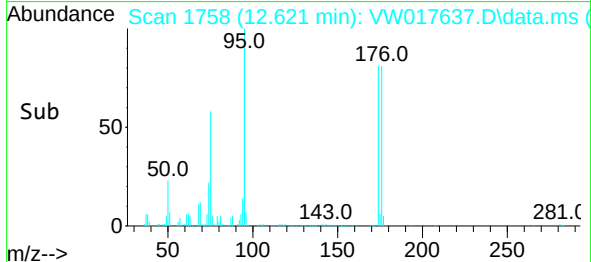
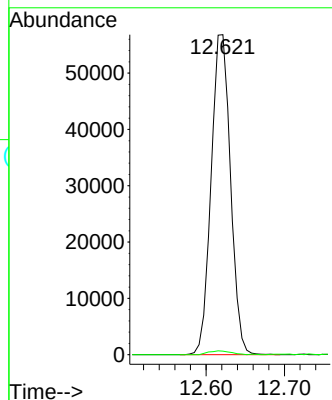
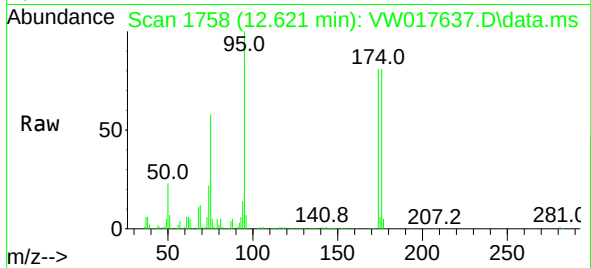




#76
1,2,3-Trichloropropane
Concen: 61.12 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. -0.147 min
Lab File: VW017637.D
Acq: 15 Dec 2020 16:35

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 97520
Ion Ratio Lower Upper
75 100
77 1.4 178.8 536.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 123.84 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.109 min
Lab File: VW017637.D
Acq: 15 Dec 2020 16:35

Tgt Ion: 75 Resp: 97520
Ion Ratio Lower Upper
75 100
53 0.1 77.0 115.4#
89 0.0 38.7 58.1#

