

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110118\
 Data File : VW006537.D
 Acq On : 31 Oct 2018 20:03
 Operator : SY/AP
 Sample : J5649-12
 Misc : 5.32G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 31 23:13:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	252177	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	382878	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	333939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	150864	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	127920	61.19	ug/l	0.00
Spiked Amount			Recovery	=	122.38%	
35) Dibromofluoromethane	7.89	113	128709	56.89	ug/l	0.00
Spiked Amount			Recovery	=	113.78%	
50) Toluene-d8	10.33	98	465807	54.12	ug/l	0.00
Spiked Amount			Recovery	=	108.24%	
62) 4-Bromofluorobenzene	12.62	95	152880	47.29	ug/l	0.00
Spiked Amount			Recovery	=	94.58%	

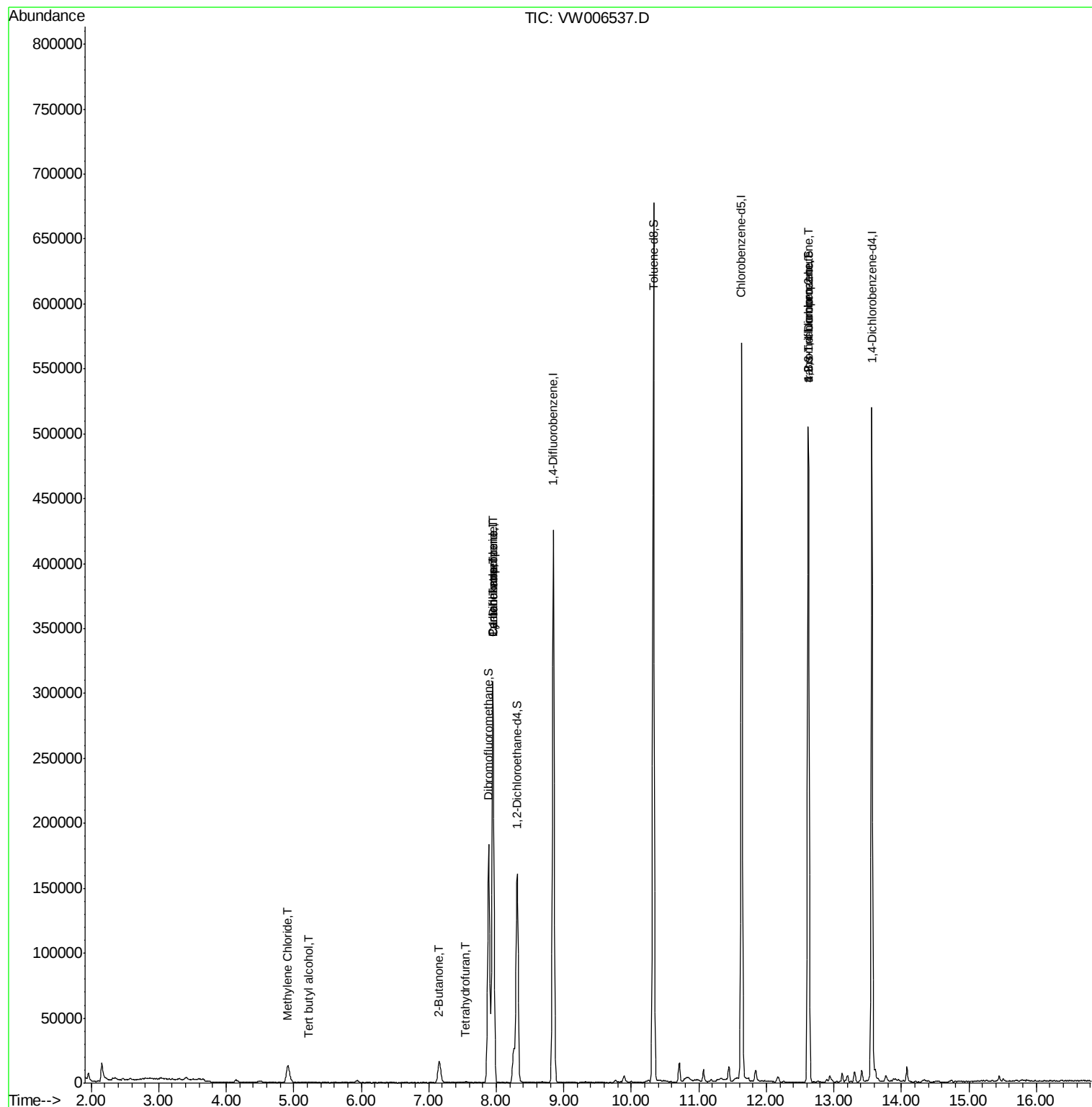
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.23	59	167	1.188	ug/l #	71
16) Acetone	4.15	43	3715	Below Cal	#	89
20) Methylene Chloride	4.91	84	12488	4.153	ug/l #	90
25) 2-Butanone	7.16	43	900	1.593	ug/l #	82
29) Tetrahydrofuran	7.54	42	457	1.316	ug/l #	63
31) Cyclohexane	7.95	56	4064	1.062	ug/l #	4
36) 1,1-Dichloropropene	7.95	75	15781	4.472	ug/l #	48
38) Carbon Tetrachloride	7.95	117	21867	5.652	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	75818	65.797	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	75818	157.281	ug/l #	10

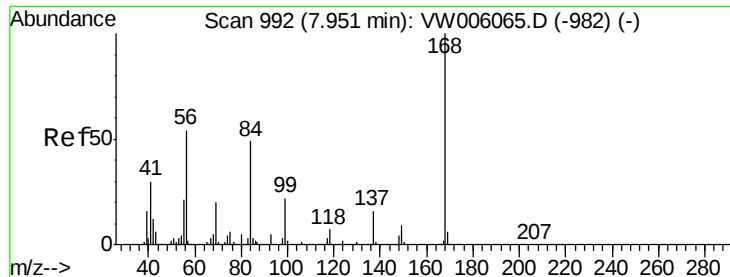
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110118\
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ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Oct 31 23:13:14 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006537.D

Acq: 31 Oct 2018 20:03

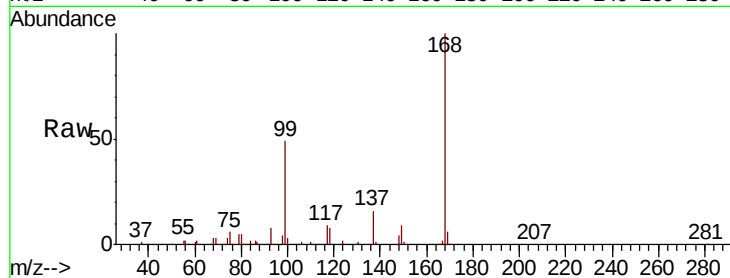
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 252177

Ion Ratio Lower Upper

168 100

99 49.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

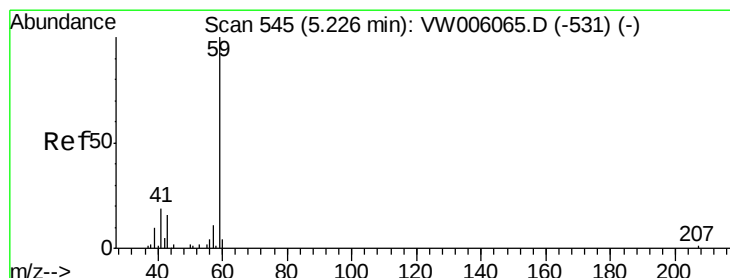
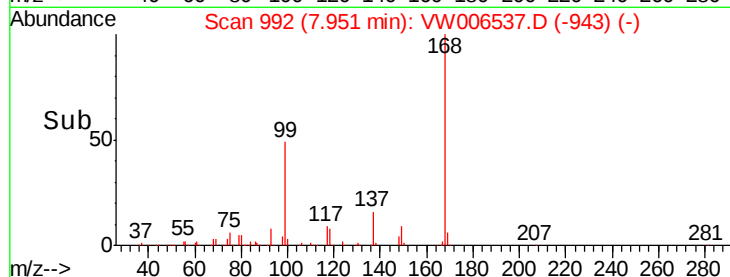
7.95

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.188 ug/l

RT: 5.23 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW006537.D

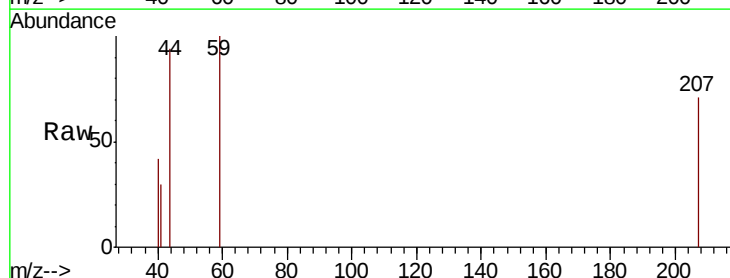
Acq: 31 Oct 2018 20:03

Tgt Ion: 59 Resp: 167

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.23

250

200

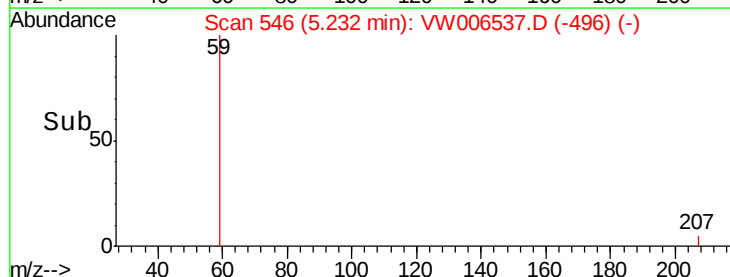
150

100

50

0

Time-->

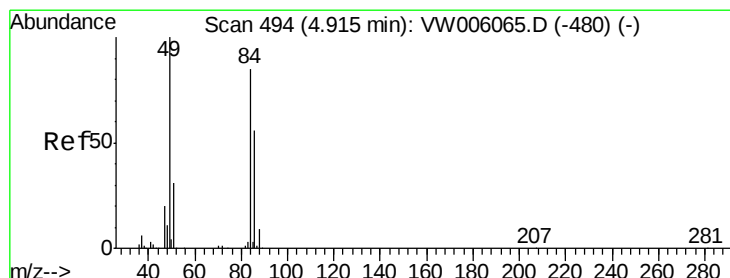
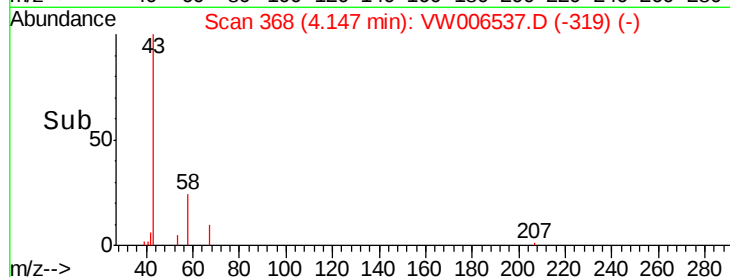
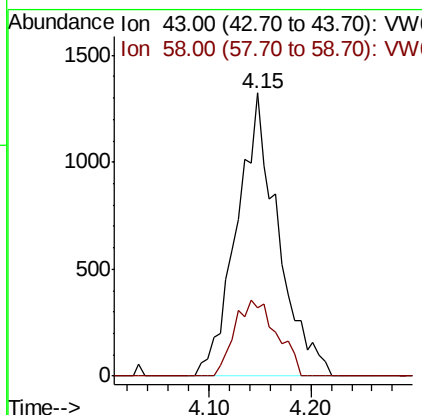
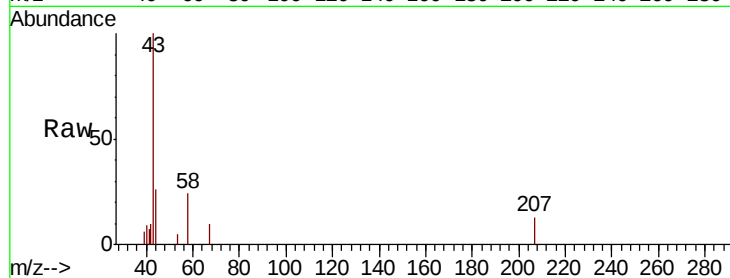




#16
Acetone
Concen: Below Cal
RT: 4.15 min Scan# 368
Delta R.T. 0.00 min
Lab File: VW006537.D
Acq: 31 Oct 2018 20:03

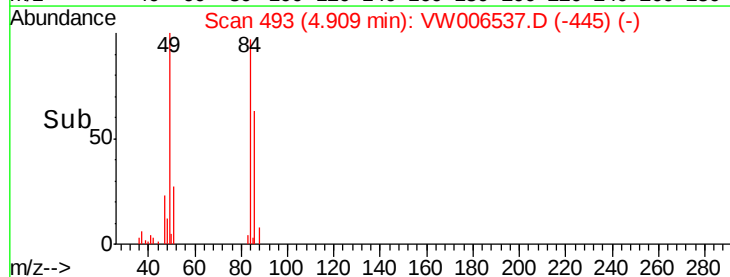
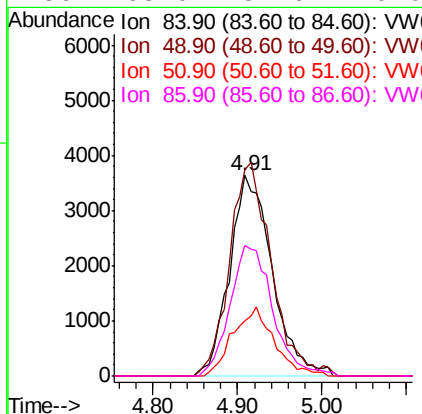
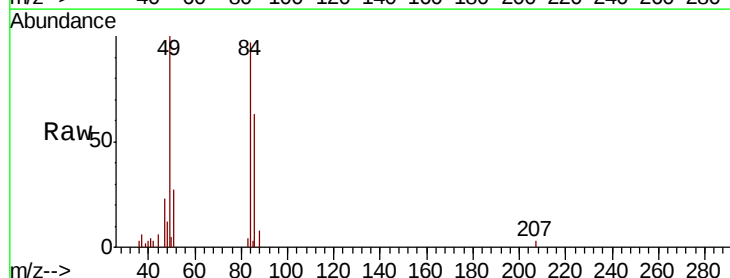
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 3715
Ion Ratio Lower Upper
43 100
58 24.0 24.0 36.0#



#20
Methylene Chloride
Concen: 4.153 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006537.D
Acq: 31 Oct 2018 20:03

Tgt Ion: 84 Resp: 12488
Ion Ratio Lower Upper
84 100
49 102.7 93.6 140.4
51 27.2 29.0 43.4#
86 65.0 52.6 79.0





#25

2-Butanone

Concen: 1.593 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.02 min

Lab File: VW006537.D

Acq: 31 Oct 2018 20:03

Instrument :

MSVOA_W

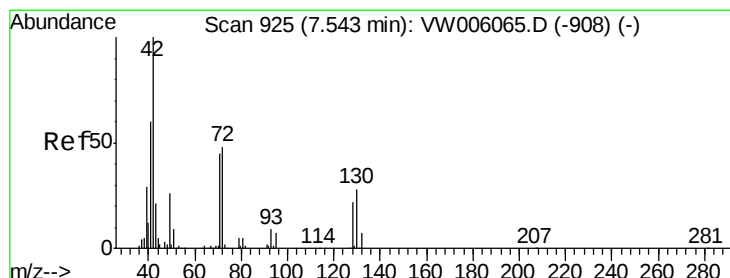
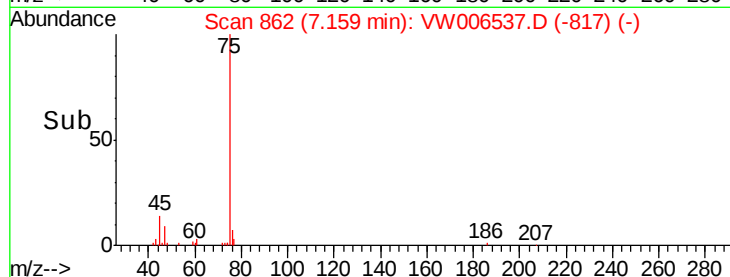
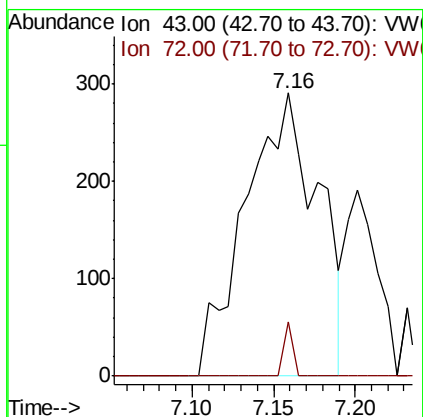
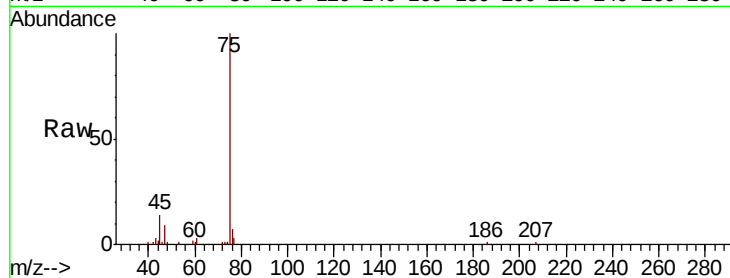
ClientSampleId :

Tot Ion: 43 Resp: 900

Ion Ratio Lower Upper

43 100

72 18.9 22.8 34.2#



#29

Tetrahydrofuran

Concen: 1.316 ug/l

RT: 7.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: VW006537.D

Acq: 31 Oct 2018 20:03

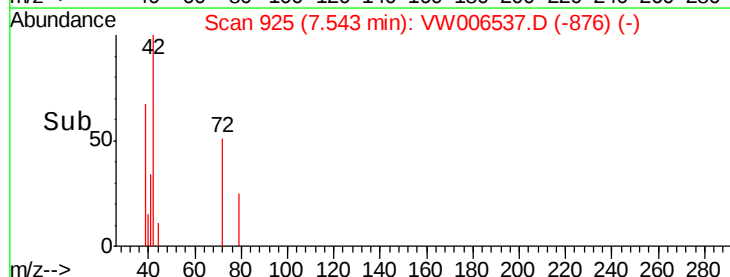
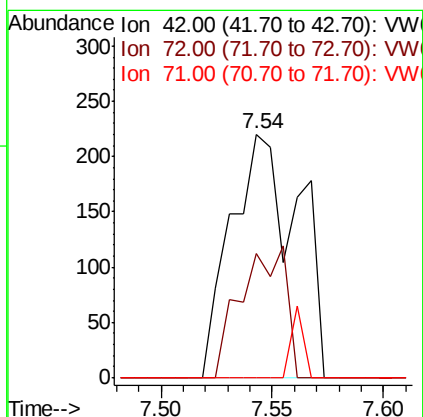
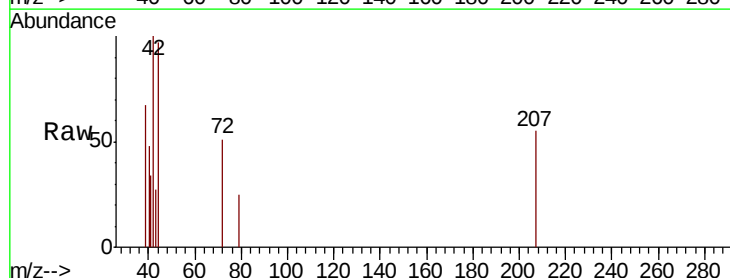
Tgt Ion: 42 Resp: 457

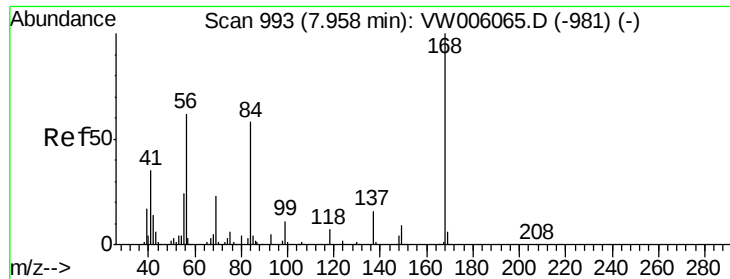
Ion Ratio Lower Upper

42 100

72 37.0 38.0 57.0#

71 5.3 35.3 52.9#

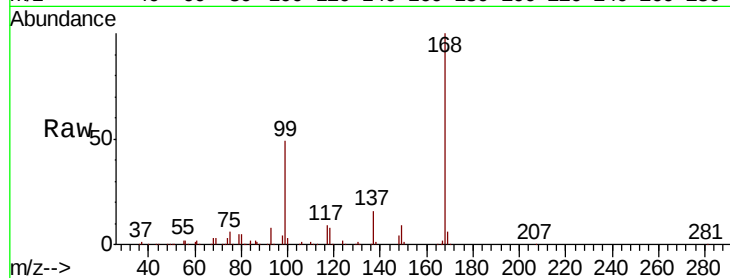




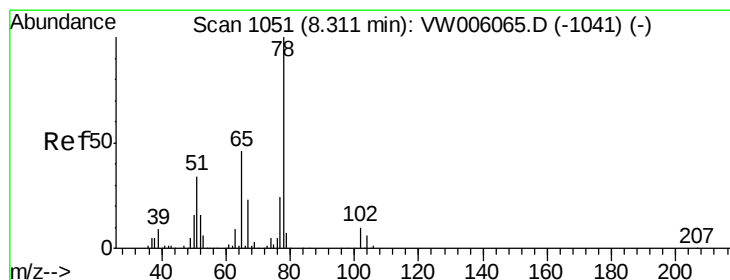
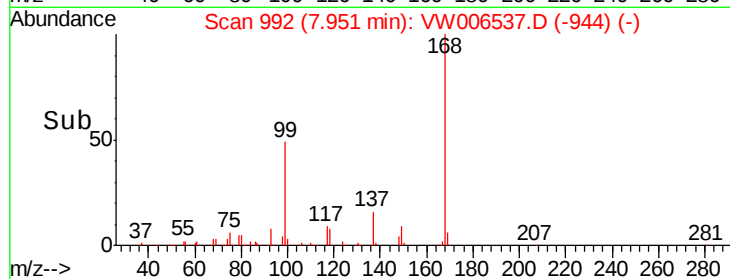
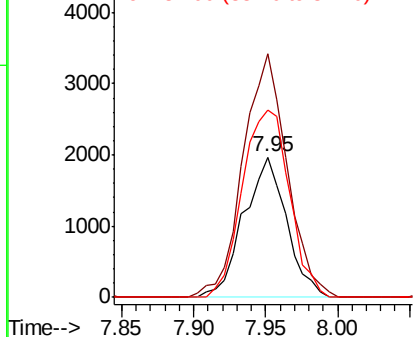
#31
Cyclohexane
Concen: 1.062 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006537.D
Acq: 31 Oct 2018 20:03

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 4064
Ion Ratio Lower Upper
56 100
69 173.5 29.4 44.0#
84 133.4 74.0 111.0#

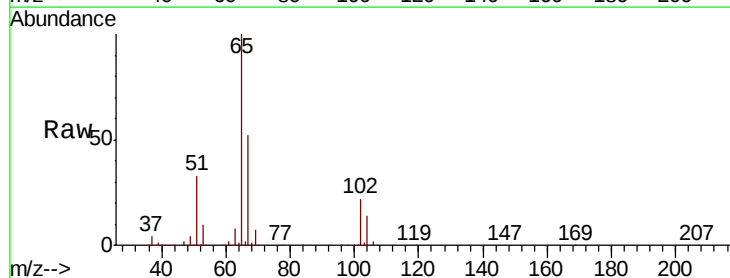


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

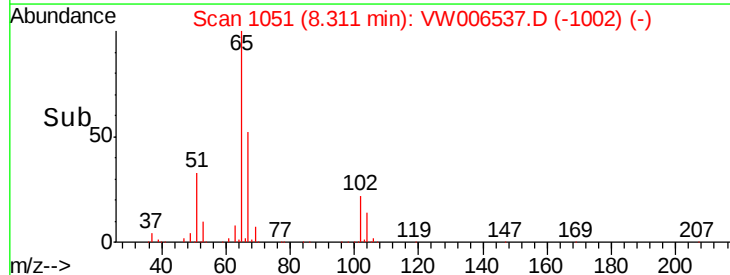
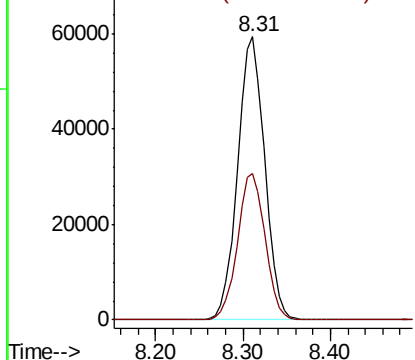


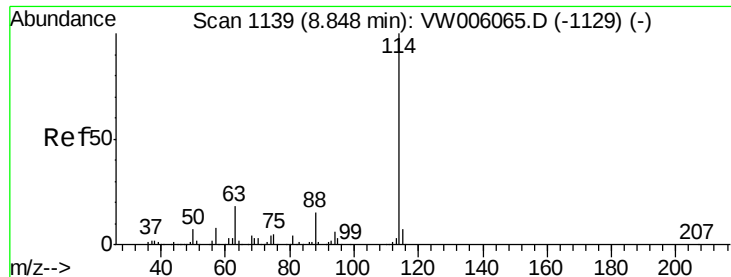
#33
1,2-Dichloroethane-d4
Concen: 61.186 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006537.D
Acq: 31 Oct 2018 20:03

Tgt Ion: 65 Resp: 127920
Ion Ratio Lower Upper
65 100
67 52.5 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

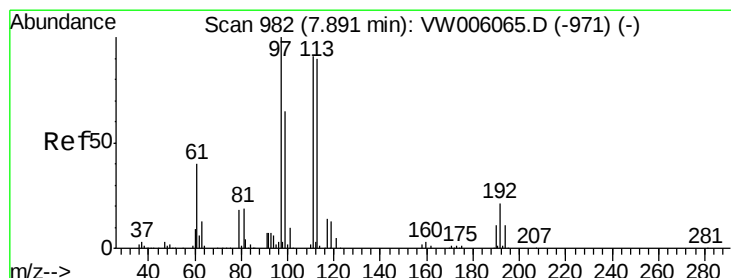
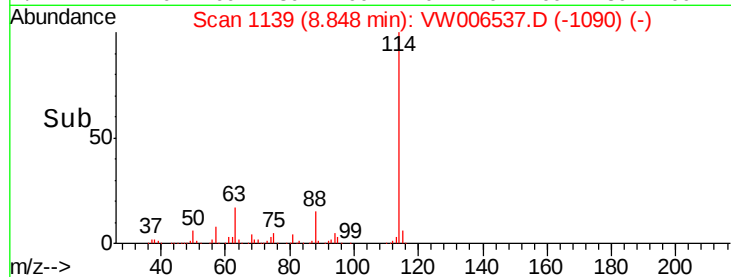
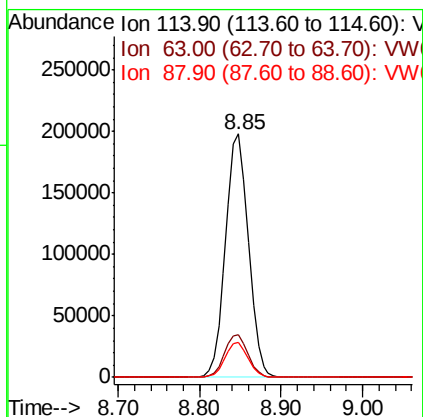
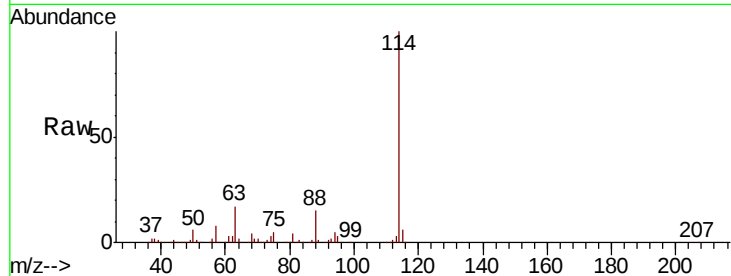




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006537.D
 Acq: 31 Oct 2018 20:03

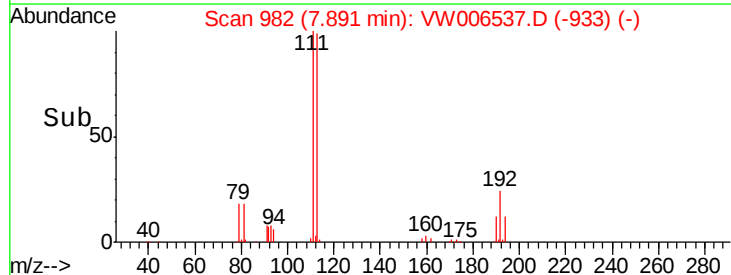
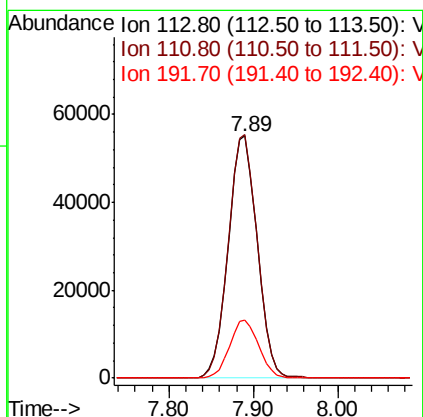
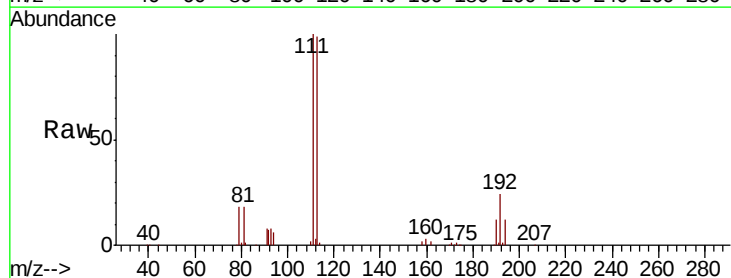
Instrument :
 MSVOA_W
 ClientSampled :

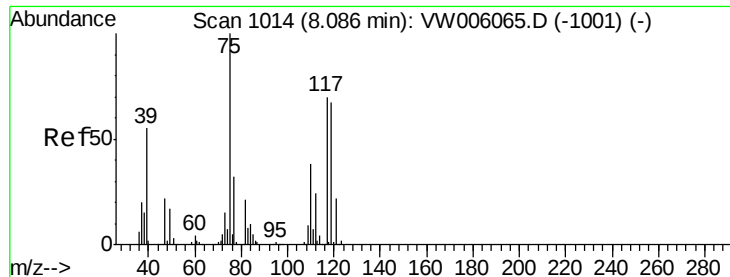
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	36.8
88	14.5	0.0	29.0



#35
 Dibromofluoromethane
 Concen: 56.890 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006537.D
 Acq: 31 Oct 2018 20:03

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.4	81.4	122.0
192	23.9	18.7	28.1

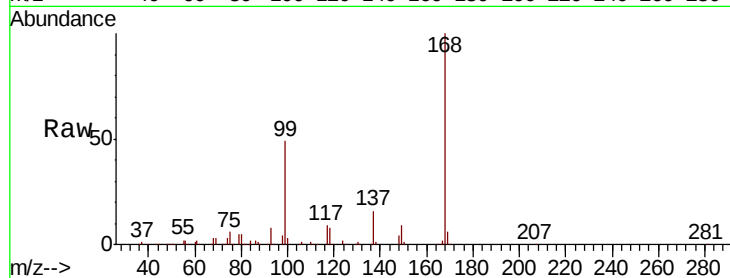




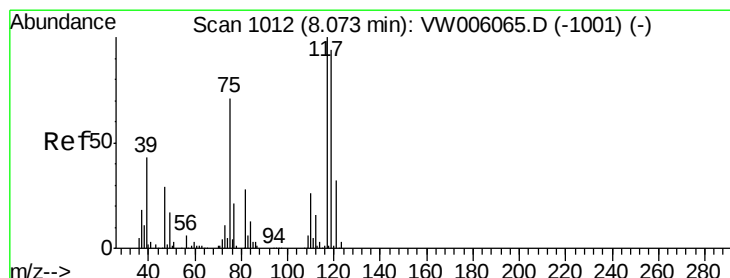
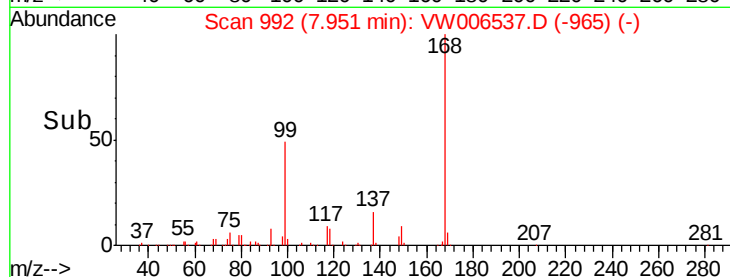
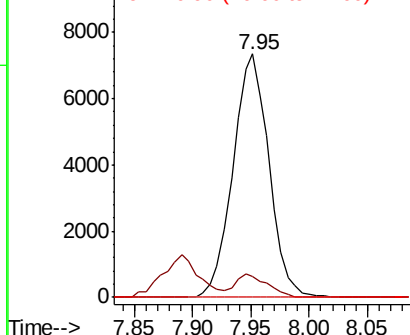
#36
 1,1-Dichloropropene
 Concen: 4.472 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006537.D
 Acq: 31 Oct 2018 20:03

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	8.5	19.1	57.1#
77	0.0	25.0	37.4#

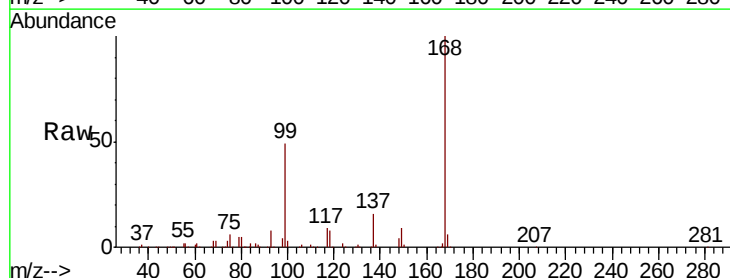


Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

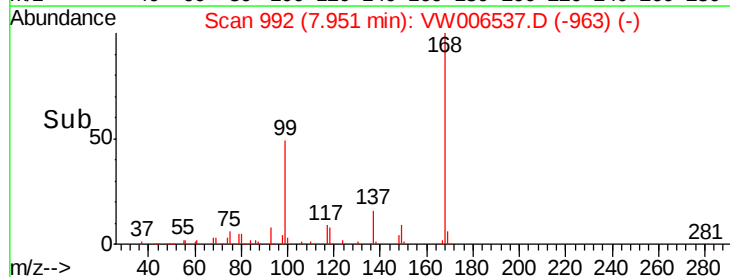
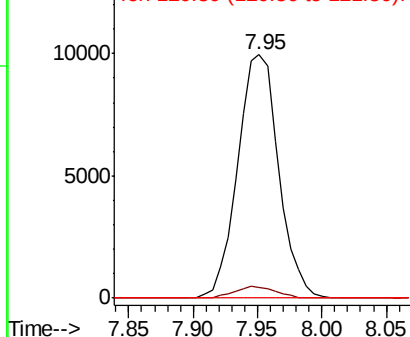


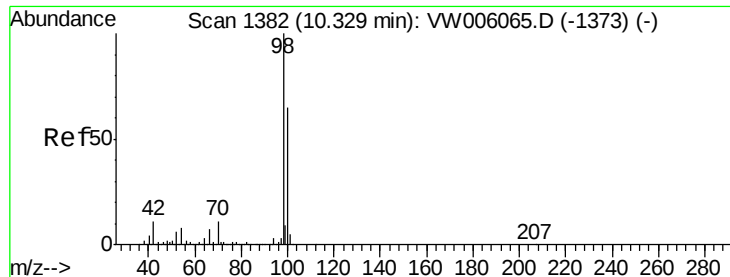
#38
 Carbon Tetrachloride
 Concen: 5.652 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006537.D
 Acq: 31 Oct 2018 20:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.6	75.2	112.8#
121	0.0	25.3	37.9#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 54.117 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006537.D

Acq: 31 Oct 2018 20:03

Instrument :

MSVOA_W

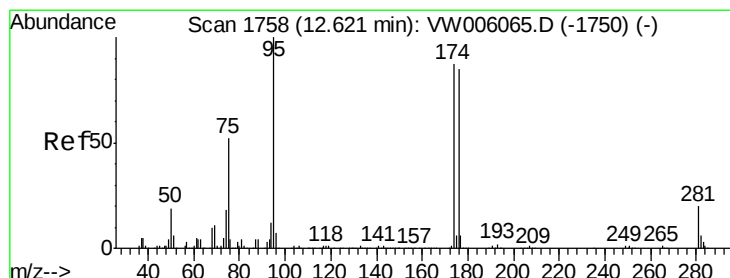
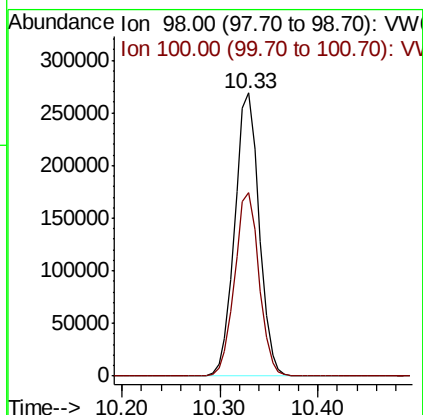
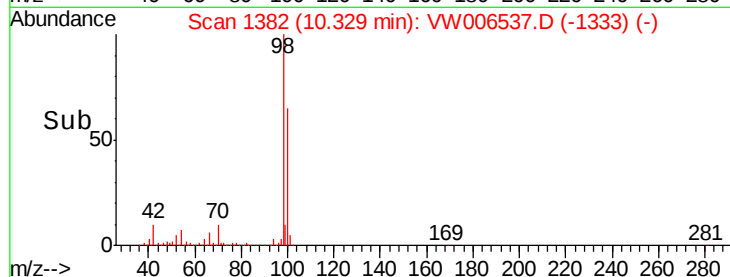
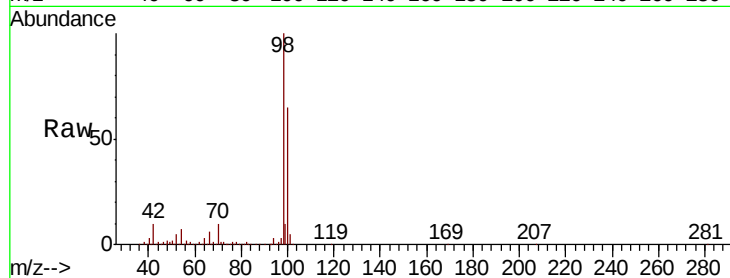
ClientSampleId :

Tot Ion: 98 Resp: 465807

Ion Ratio Lower Upper

98 100

100 64.7 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 47.290 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006537.D

Acq: 31 Oct 2018 20:03

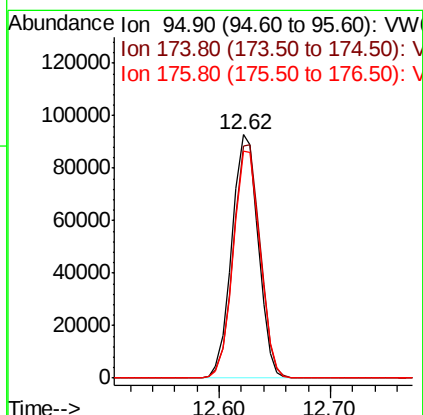
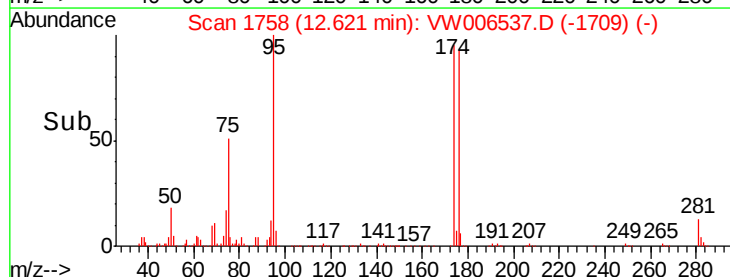
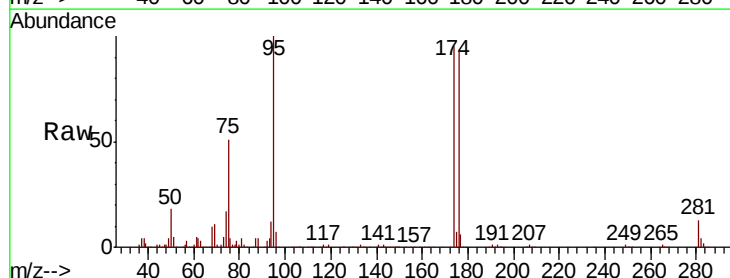
Tgt Ion: 95 Resp: 152880

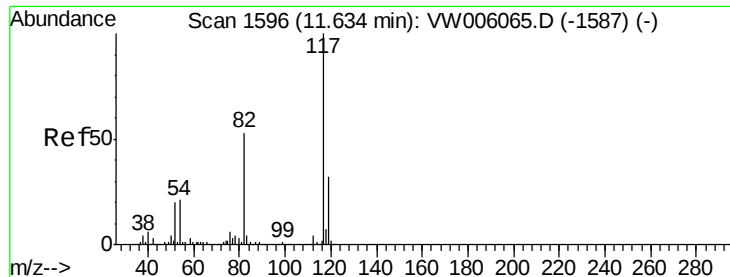
Ion Ratio Lower Upper

95 100

174 97.2 0.0 186.0

176 94.3 0.0 181.6

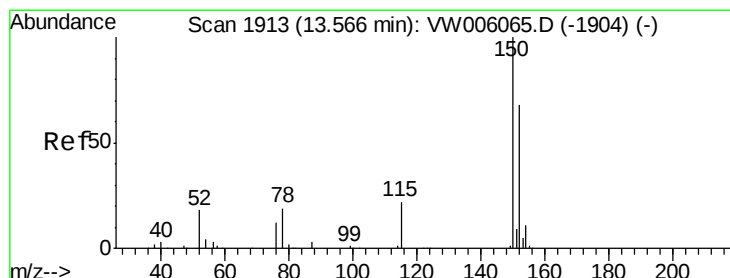
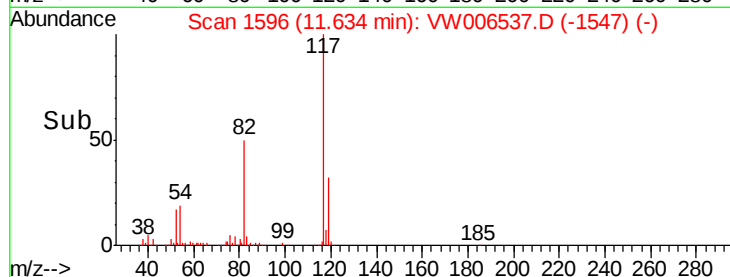
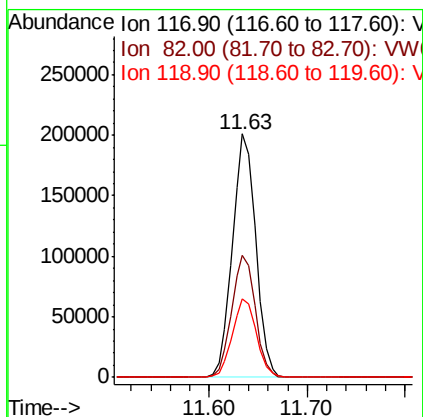
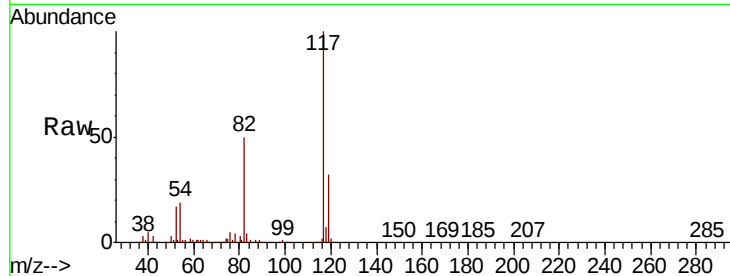




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006537.D
Acq: 31 Oct 2018 20:03

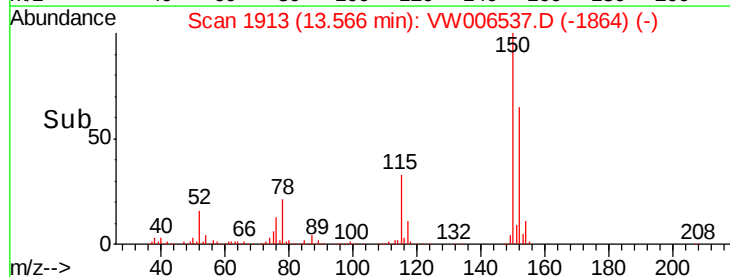
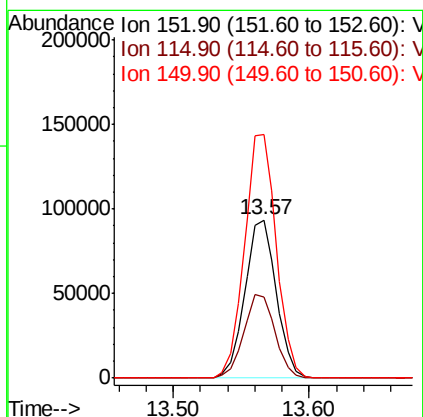
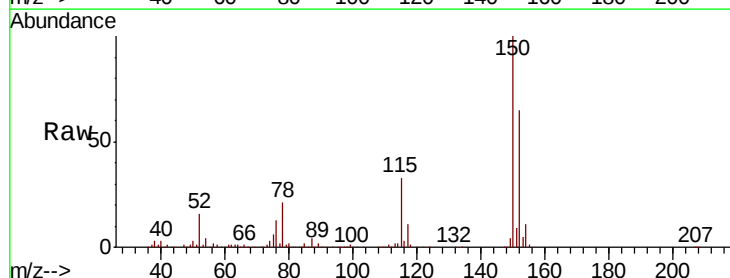
Instrument :
MSVOA_W
ClientSampleId :

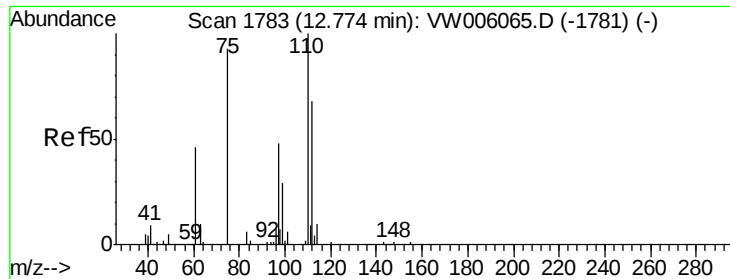
Tot Ion:117 Resp: 333939
Ion Ratio Lower Upper
117 100
82 50.3 42.1 63.1
119 32.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006537.D
Acq: 31 Oct 2018 20:03

Tgt Ion:152 Resp: 150864
Ion Ratio Lower Upper
152 100
115 52.6 27.8 83.3
150 156.1 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 65.797 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006537.D

Acq: 31 Oct 2018 20:03

Instrument :

MSVOA_W

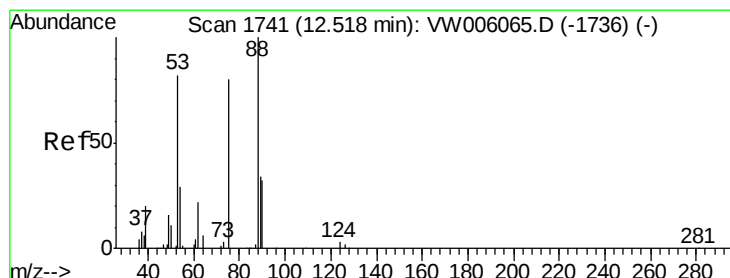
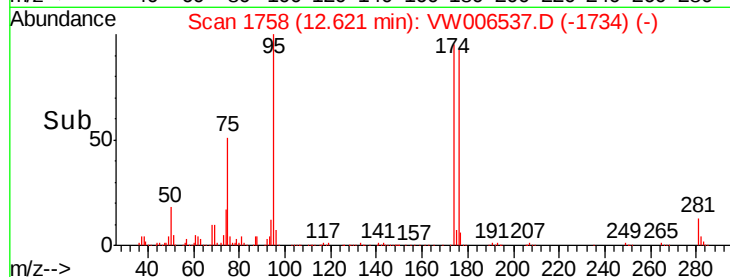
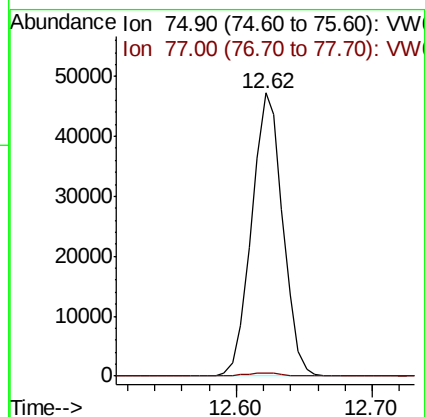
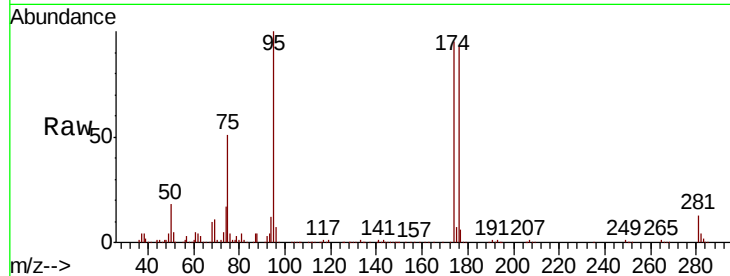
ClientSampled :

Tot Ion: 75 Resp: 75818

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 157.281 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006537.D

Acq: 31 Oct 2018 20:03

Tgt Ion: 75 Resp: 75818

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.1 37.5 56.3#

