

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062818\
 Data File : VW003640.D
 Acq On : 28 Jun 2018 15:58
 Operator : SY/AP
 Sample : J3709-05RE
 Misc : 4.52G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 29 06:44:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	101078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	167464	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	131321	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	39813	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	90528	82.69	ug/l	0.00
Spiked Amount			Recovery	=	165.38%	
35) Dibromofluoromethane	7.88	113	74553	71.65	ug/l	0.00
Spiked Amount			Recovery	=	143.30%	
50) Toluene-d8	10.33	98	214048	51.88	ug/l	0.00
Spiked Amount			Recovery	=	103.76%	
62) 4-Bromofluorobenzene	12.63	95	53185	36.42	ug/l	0.00
Spiked Amount			Recovery	=	72.84%	

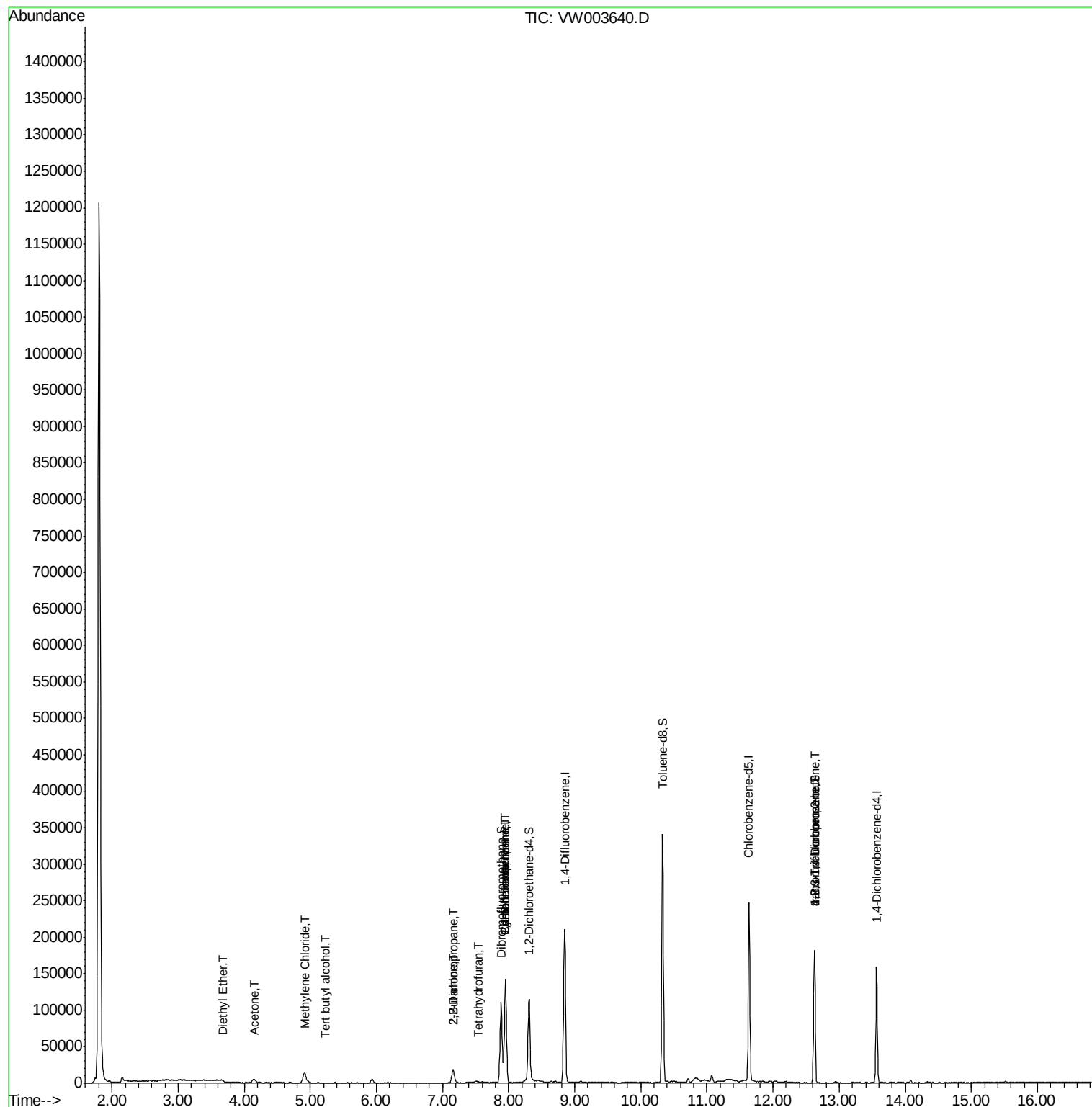
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	741	1.496	ug/l #	45
11) Tert butyl alcohol	5.23	59	92	1.567	ug/l #	84
16) Acetone	4.15	43	9655	42.048	ug/l #	86
20) Methylene Chloride	4.91	84	11216	8.448	ug/l	90
25) 2-Butanone	7.17	43	1718	6.017	ug/l #	50
26) 2,2-Dichloropropane	7.16	77	1304	1.032	ug/l #	53
29) Tetrahydrofuran	7.54	42	252	1.444	ug/l #	49
31) Cyclohexane	7.95	56	2693	1.522	ug/l #	17
36) 1,1-Dichloropropene	7.95	75	8931	5.522	ug/l #	48
38) Carbon Tetrachloride	7.95	117	10319	6.505	ug/l #	18
76) 1,2,3-Trichloropropane	12.63	75	28752	84.477	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	28752	194.385	ug/l #	8

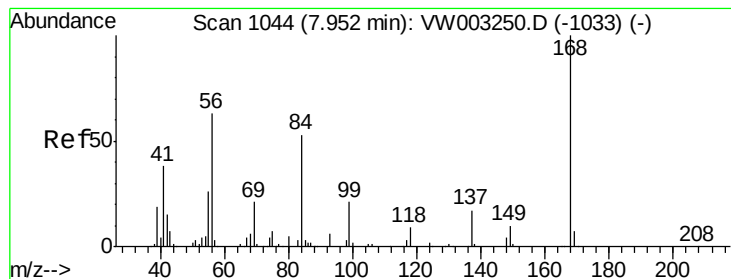
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003640.D

Acq: 28 Jun 2018 15:58

Instrument :

MSVOA_W

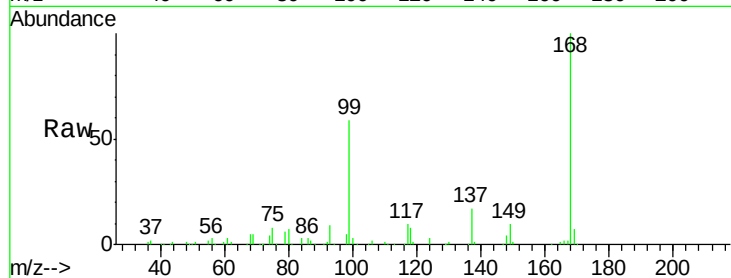
ClientSampled :

Tot Ion:168 Resp: 101078

Ion Ratio Lower Upper

168 100

99 58.8 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

50000

40000

30000

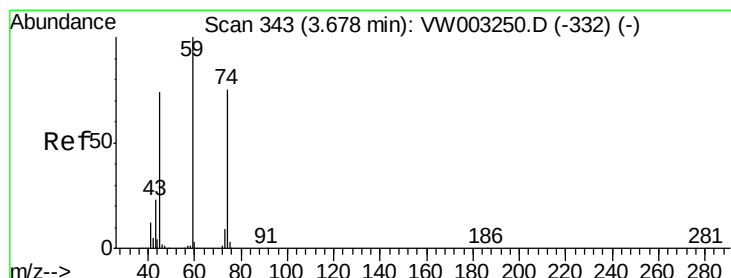
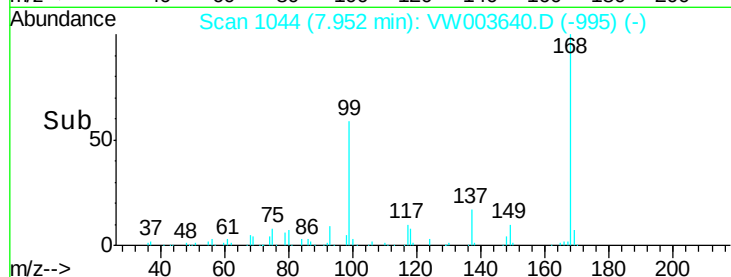
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#8

Diethyl Ether

Concen: 1.496 ug/l

RT: 3.68 min Scan# 343

Delta R.T. 0.00 min

Lab File: VW003640.D

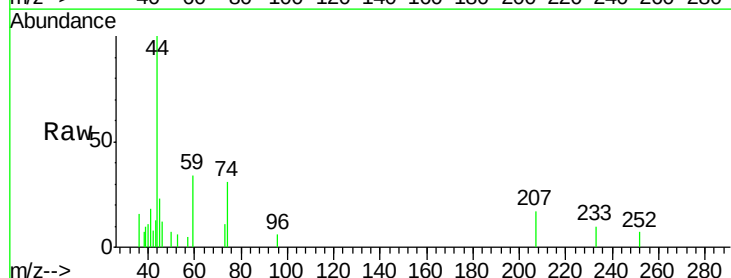
Acq: 28 Jun 2018 15:58

Tgt Ion: 74 Resp: 741

Ion Ratio Lower Upper

74 100

45 158.4 51.4 154.2#



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

600

500

400

300

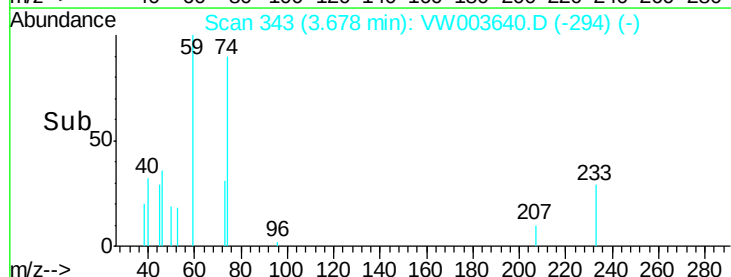
200

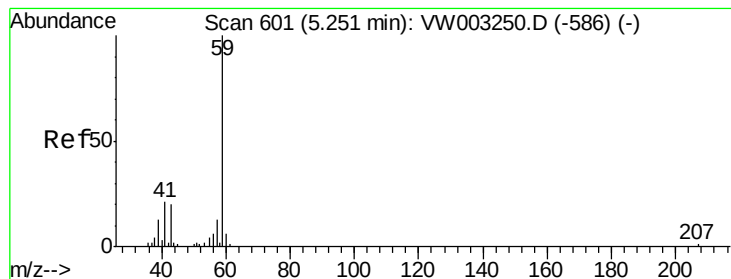
100

0

3.60 3.65 3.70

Time-->





#11

Tert butyl alcohol

Concen: 1.567 ug/l

RT: 5.23 min Scan# 598

Delta R.T. -0.02 min

Lab File: VW003640.D

Acq: 28 Jun 2018 15:58

Instrument :

MSVOA_W

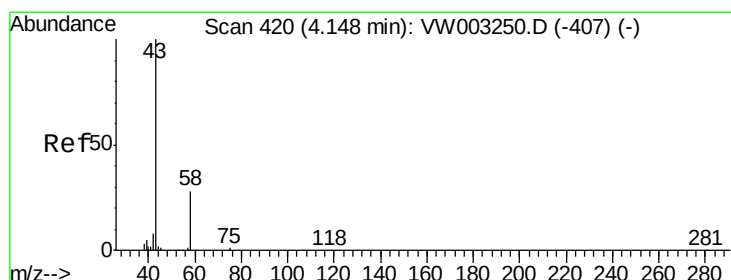
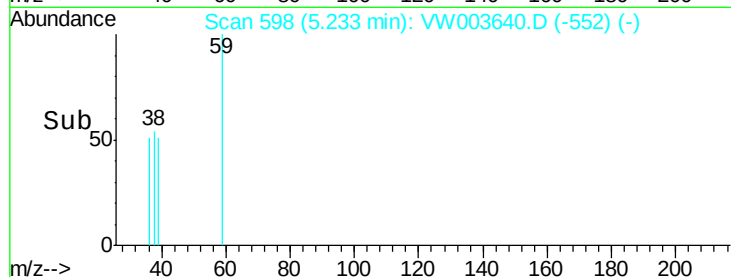
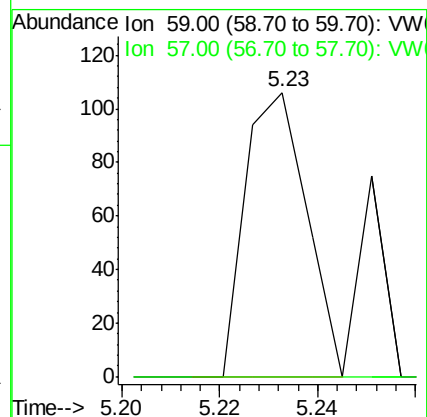
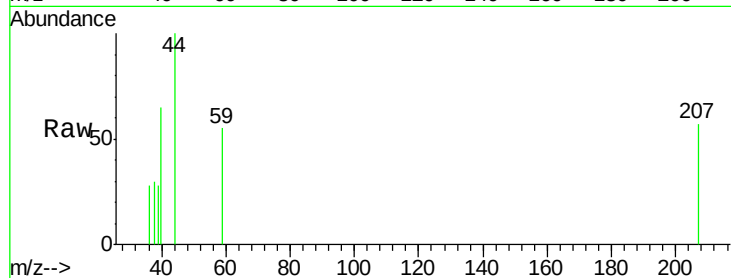
ClientSampleId :

Tot Ion: 59 Resp: 92

Ion Ratio Lower Upper

59 100

57 0.0 4.2 6.2#



#16

Acetone

Concen: 42.048 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003640.D

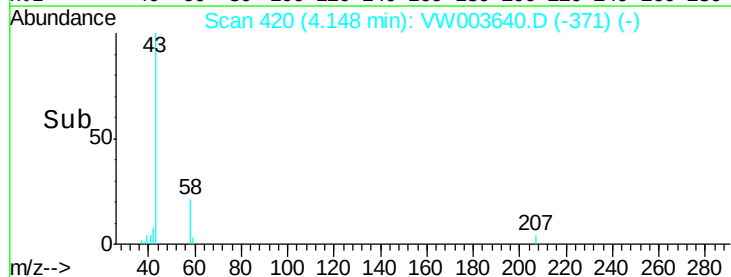
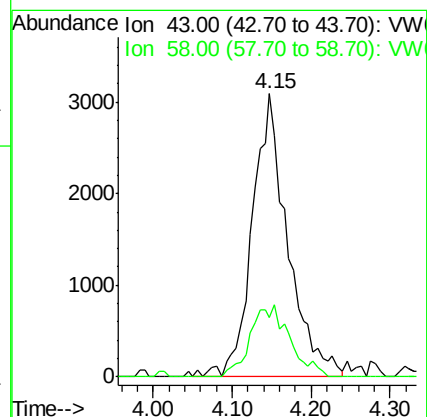
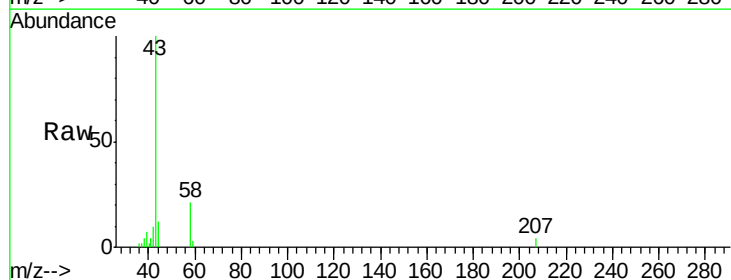
Acq: 28 Jun 2018 15:58

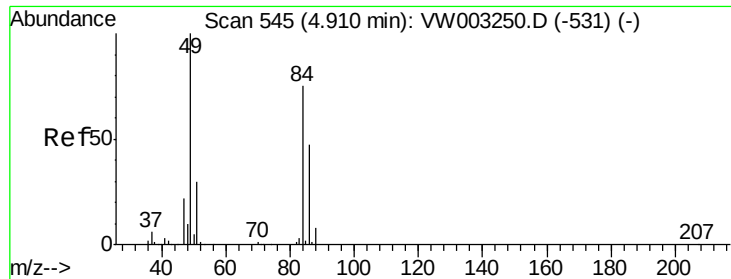
Tgt Ion: 43 Resp: 9655

Ion Ratio Lower Upper

43 100

58 20.8 22.6 34.0#

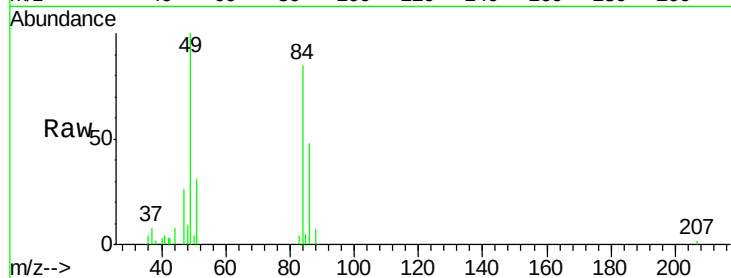




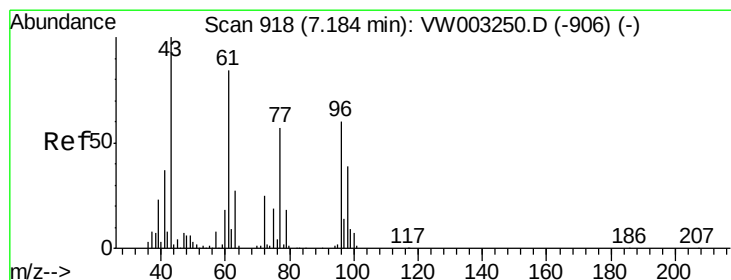
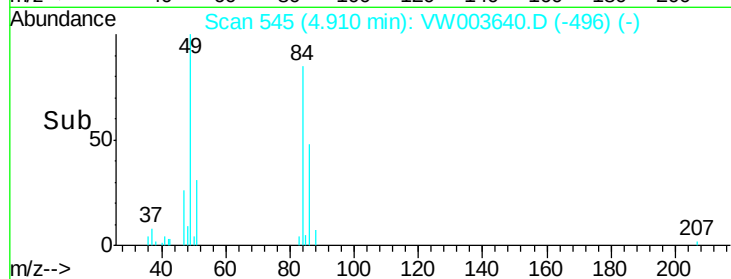
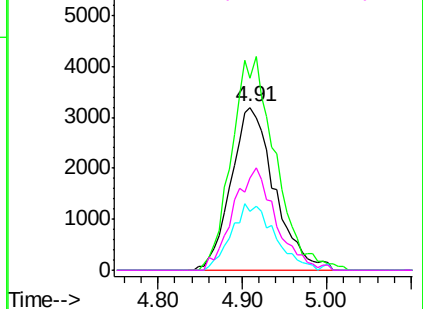
#20
Methvlene Chloride
Concen: 8.448 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003640.D
Acq: 28 Jun 2018 15:58

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	84	Resp:	11216
Ion	Ratio	Lower	Upper
84	100		
49	117.6	106.3	159.5
51	36.4	32.0	48.0
86	56.8	49.9	74.9

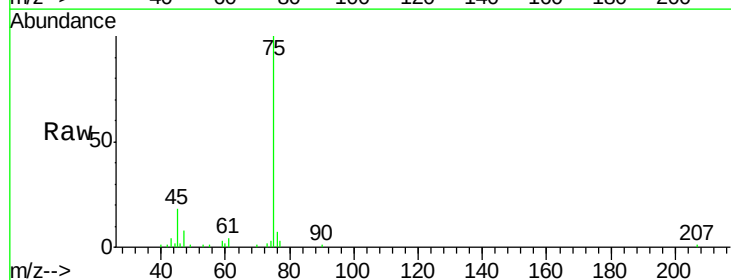


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

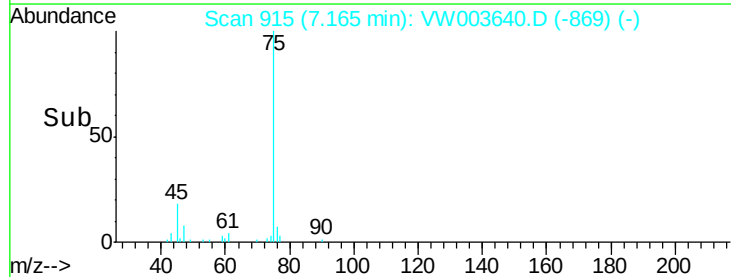
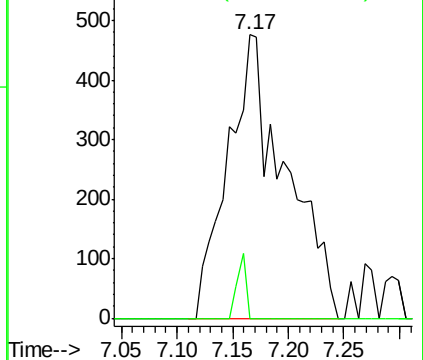


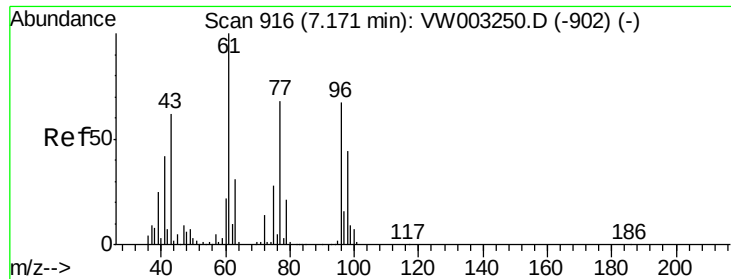
#25
2-Butanone
Concen: 6.017 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.02 min
Lab File: VW003640.D
Acq: 28 Jun 2018 15:58

Tgt Ion:	43	Resp:	1718
Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.3	30.5#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW

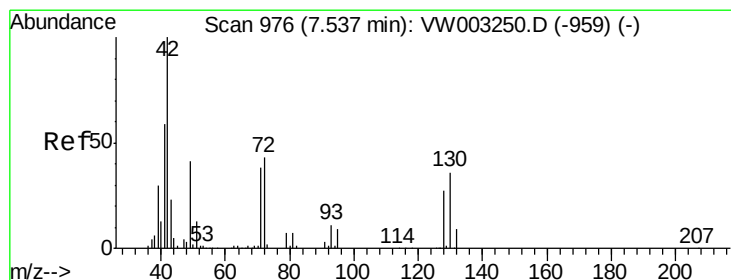
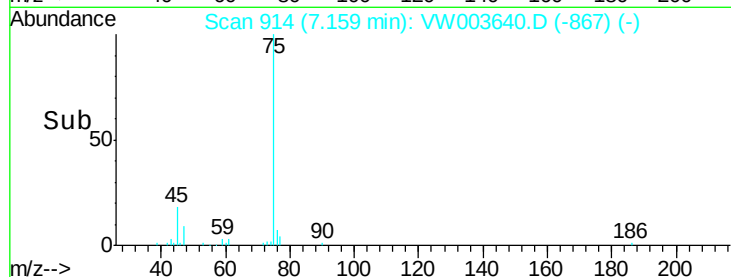
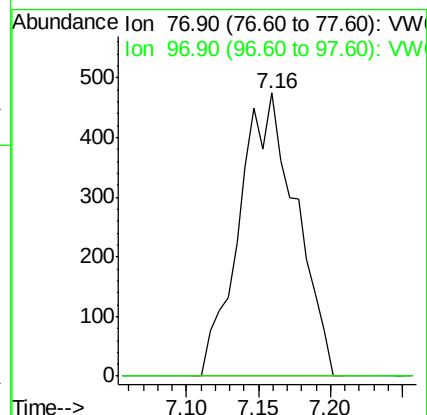
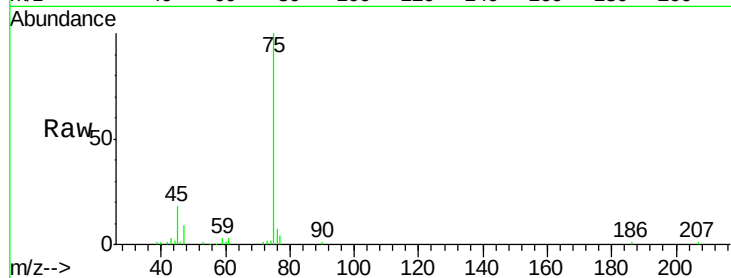




#26
 2,2-Dichloropropane
 Concen: 1.032 ug/l
 RT: 7.16 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: VW003640.D
 Acq: 28 Jun 2018 15:58

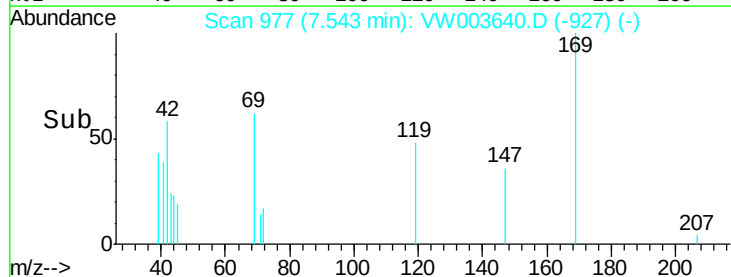
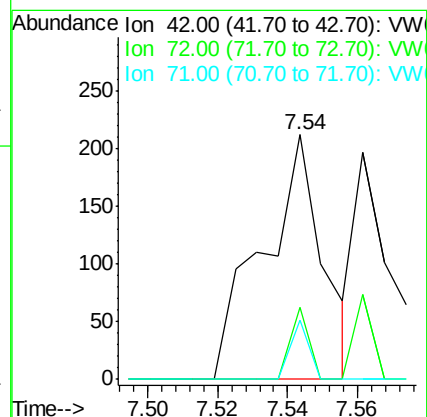
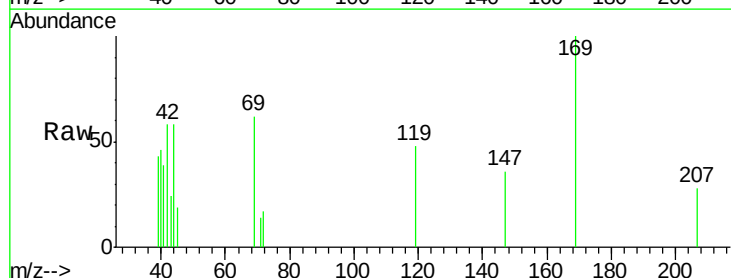
Instrument :
 MSVOA_W
 ClientSampled :

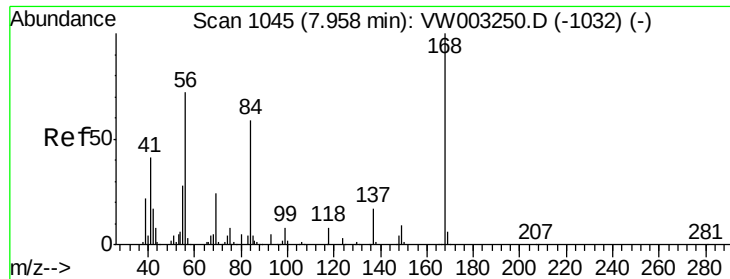
Tot Ion: 77 Resp: 1304
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.3 33.9#



#29
 Tetrahydrofuran
 Concen: 1.444 ug/l
 RT: 7.54 min Scan# 977
 Delta R.T. 0.01 min
 Lab File: VW003640.D
 Acq: 28 Jun 2018 15:58

Tgt Ion: 42 Resp: 252
 Ion Ratio Lower Upper
 42 100
 72 9.1 32.4 48.6#
 71 7.5 31.2 46.8#

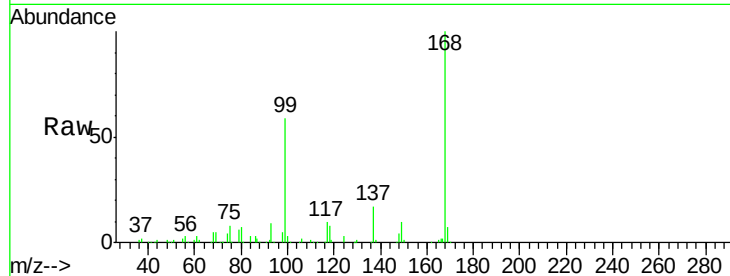




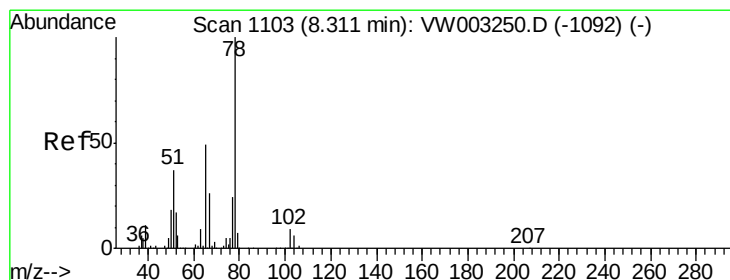
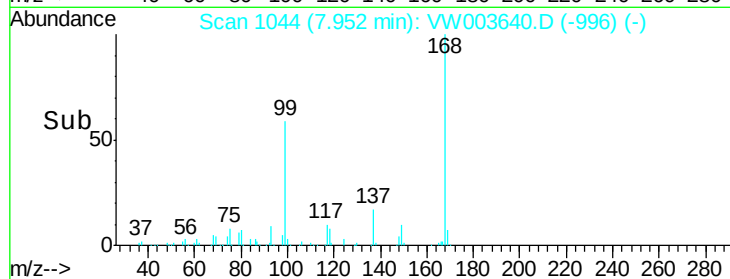
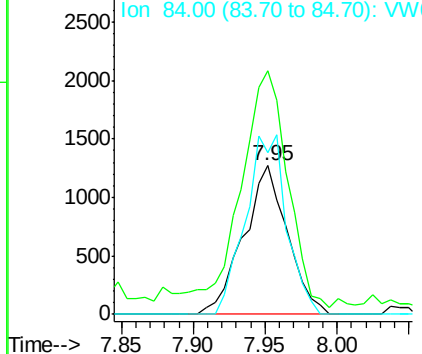
#31
Cyclohexane
Concen: 1.522 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW003640.D
Acq: 28 Jun 2018 15:58

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 2693
Ion Ratio Lower Upper
56 100
69 153.7 26.3 39.5#
84 109.5 65.7 98.5#

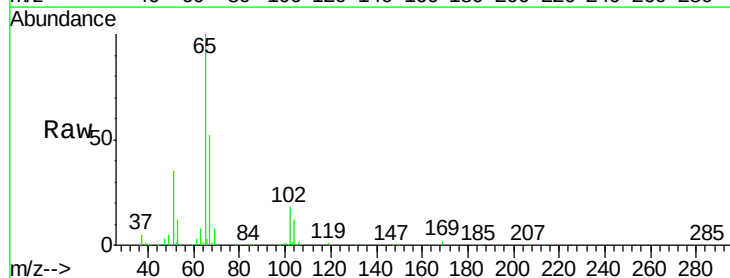


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

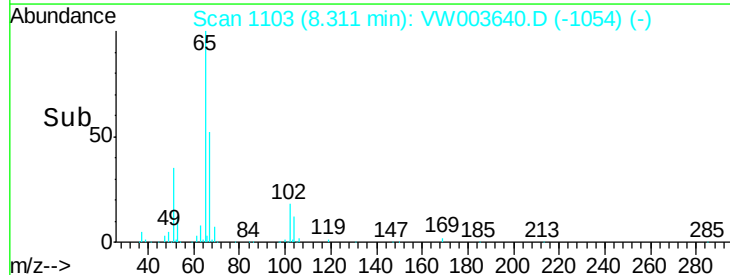
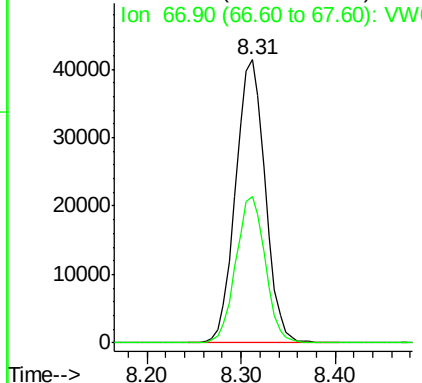


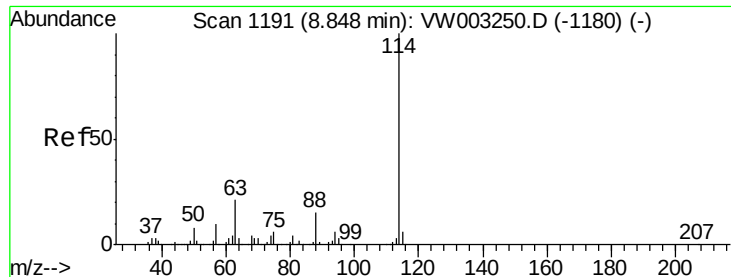
#33
1,2-Dichloroethane-d4
Concen: 82.687 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VW003640.D
Acq: 28 Jun 2018 15:58

Tgt Ion: 65 Resp: 90528
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.2



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

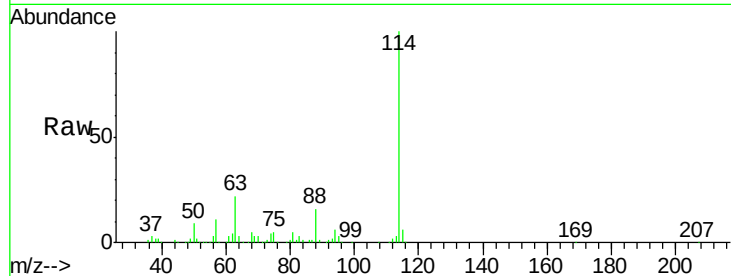




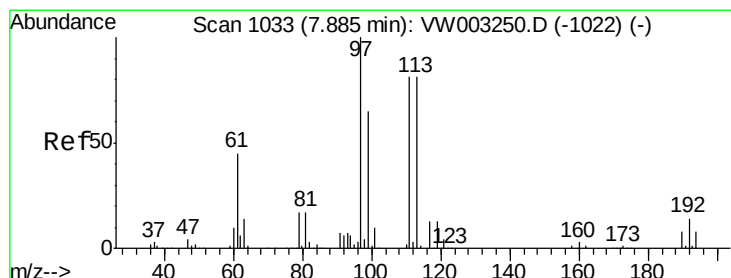
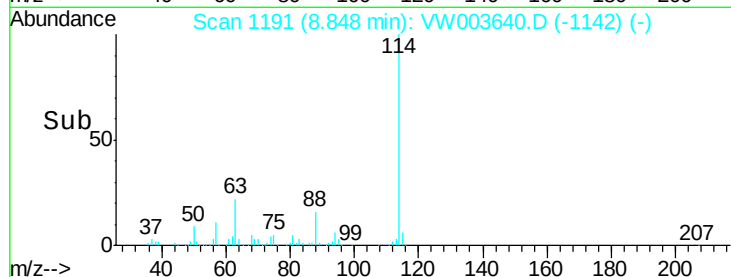
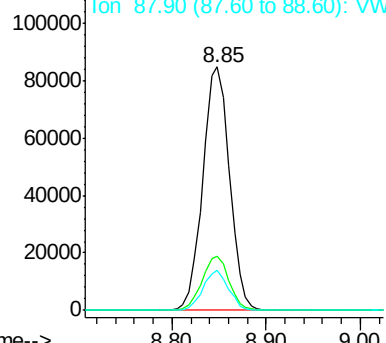
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003640.D
 Acq: 28 Jun 2018 15:58

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	43.0
88	16.3	0.0	29.6

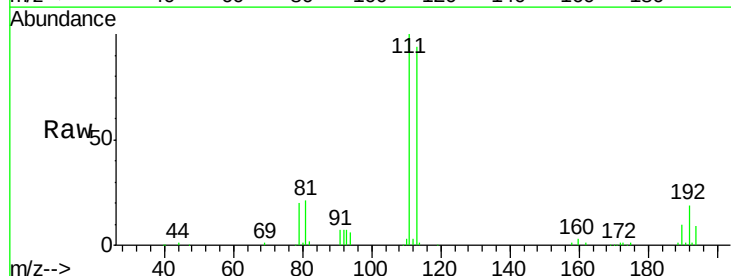


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VV
 Ion 87.90 (87.60 to 88.60): VV

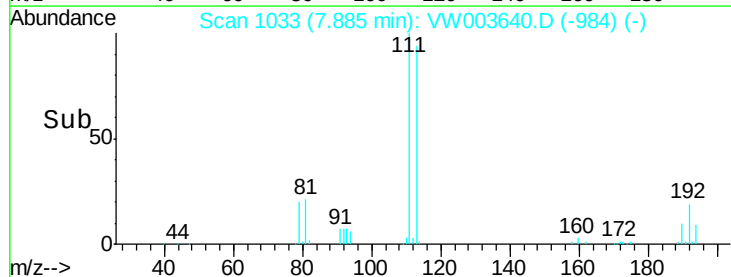
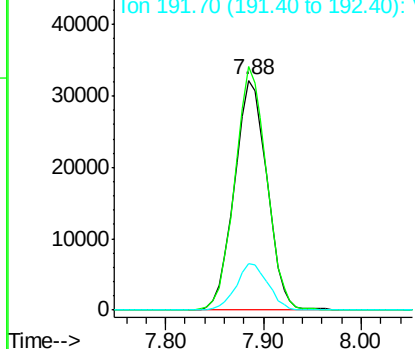


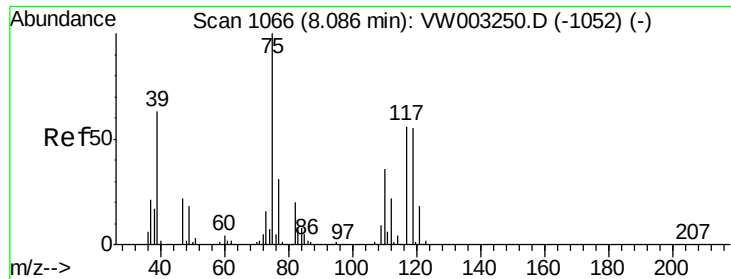
#35
 Dibromofluoromethane
 Concen: 71.646 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003640.D
 Acq: 28 Jun 2018 15:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.2	123.2
192	19.8	16.2	24.2



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

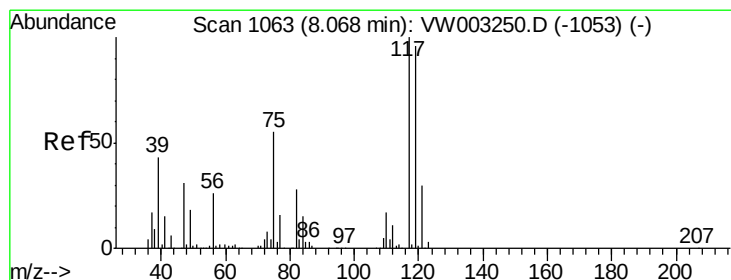
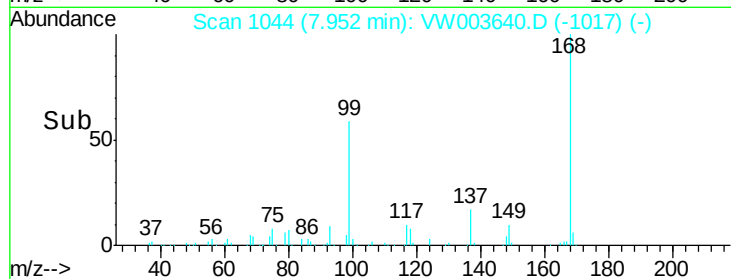
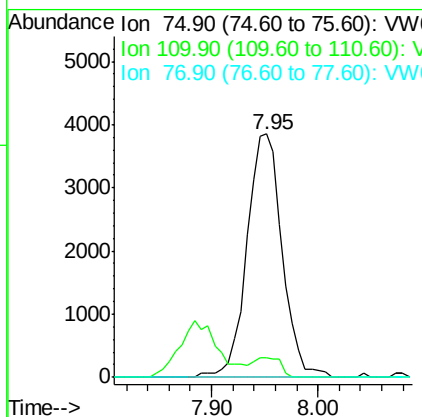
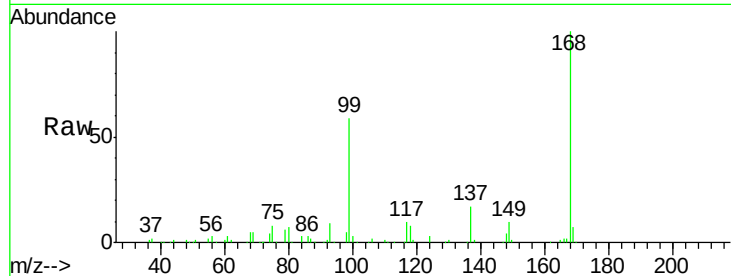




#36
 1,1-Dichloropropene
 Concen: 5.522 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003640.D
 Acq: 28 Jun 2018 15:58

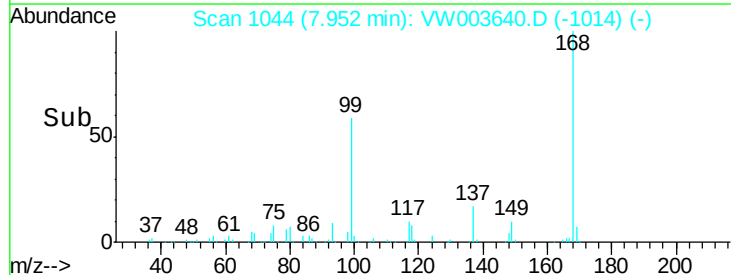
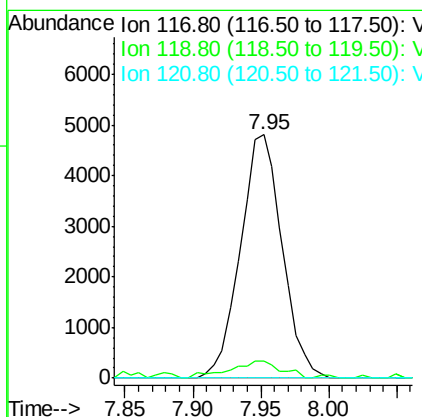
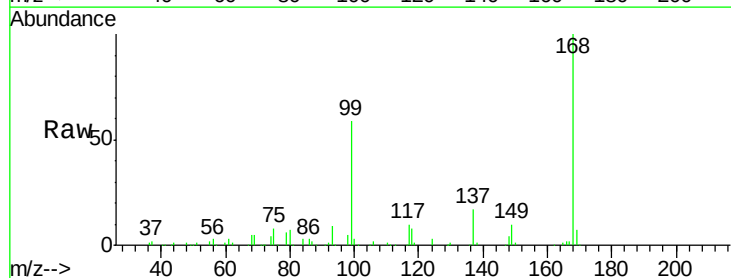
Instrument :
 MSVOA_W
 ClientSampled :

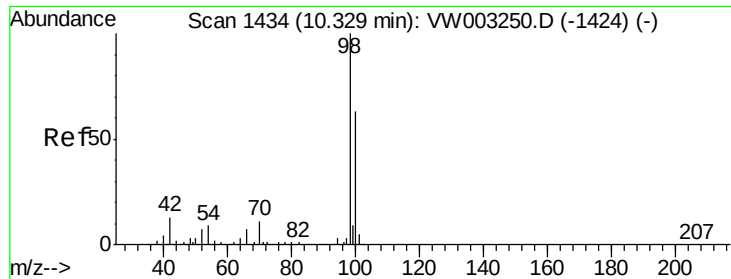
Tot Ion: 75 Resp: 8931
 Ion Ratio Lower Upper
 75 100
 110 6.2 17.1 51.3#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.505 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW003640.D
 Acq: 28 Jun 2018 15:58

Tgt Ion: 117 Resp: 10319
 Ion Ratio Lower Upper
 117 100
 119 7.0 76.6 115.0#
 121 0.0 23.9 35.9#

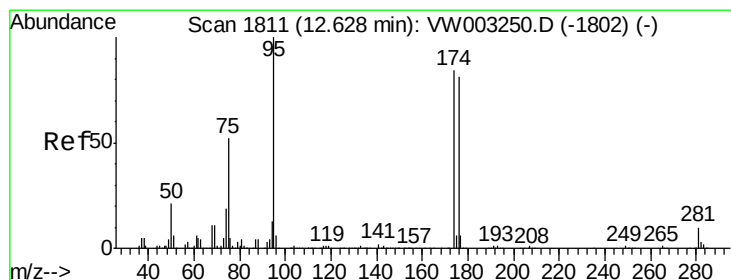
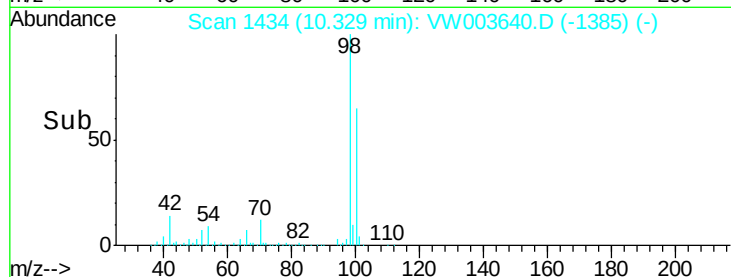
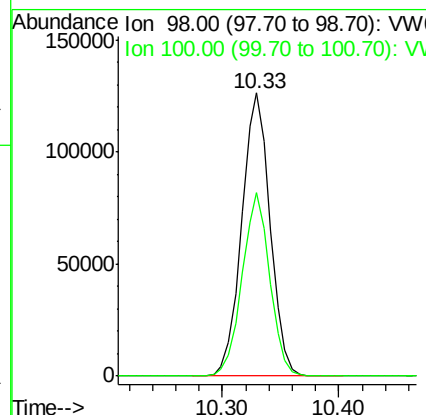
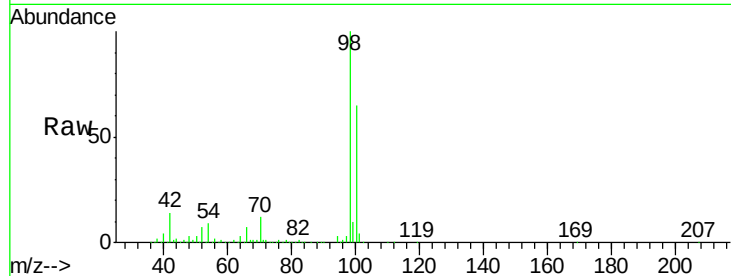




#50
Toluene-d8
Concen: 51.877 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003640.D
Acq: 28 Jun 2018 15:58

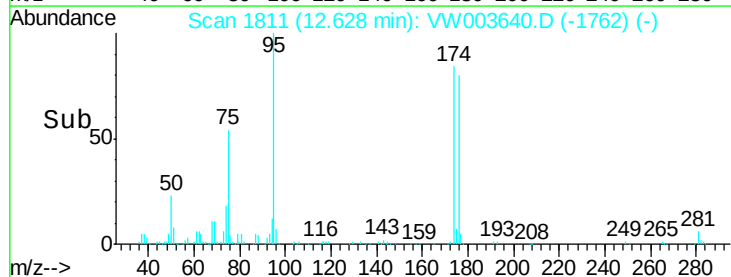
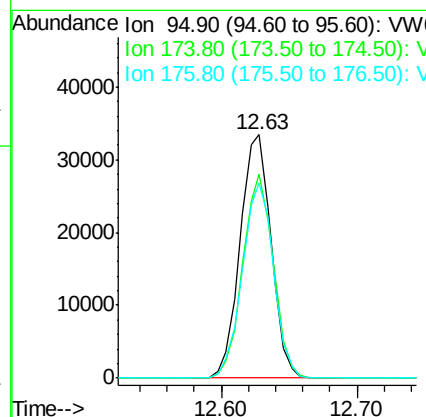
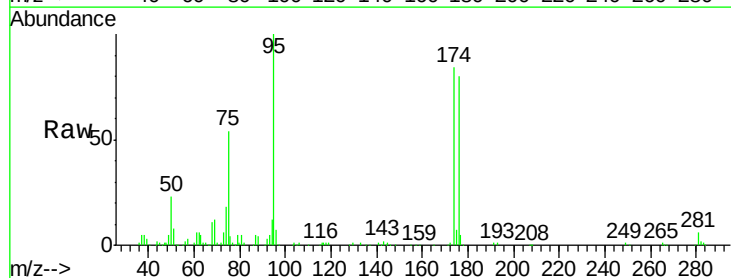
Instrument :
MSVOA_W
ClientSampleId :

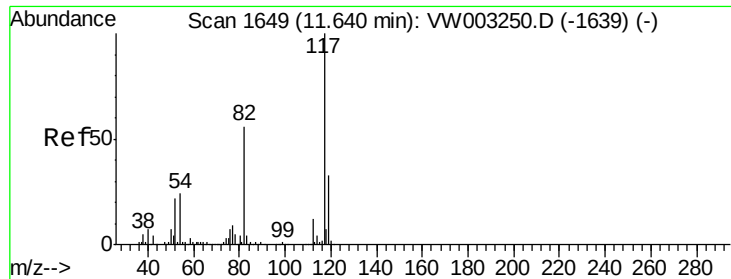
Tot Ion: 98 Resp: 214048
Ion Ratio Lower Upper
98 100
100 63.2 50.8 76.2



#62
4-Bromofluorobenzene
Concen: 36.423 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW003640.D
Acq: 28 Jun 2018 15:58

Tgt Ion: 95 Resp: 53185
Ion Ratio Lower Upper
95 100
174 82.7 0.0 166.4
176 80.6 0.0 162.0

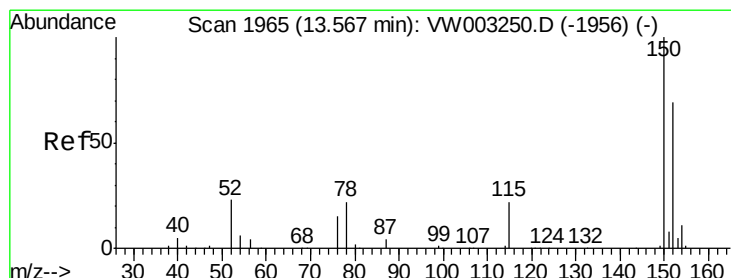
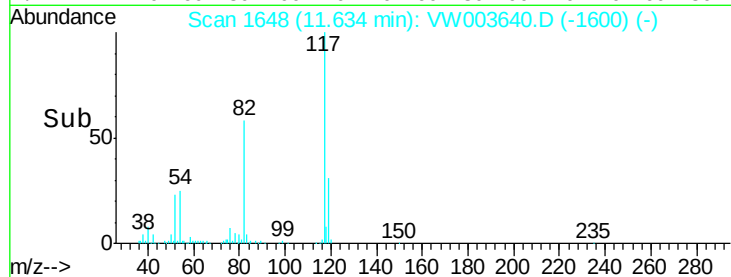
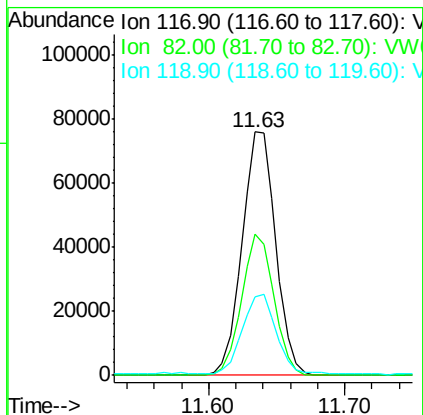
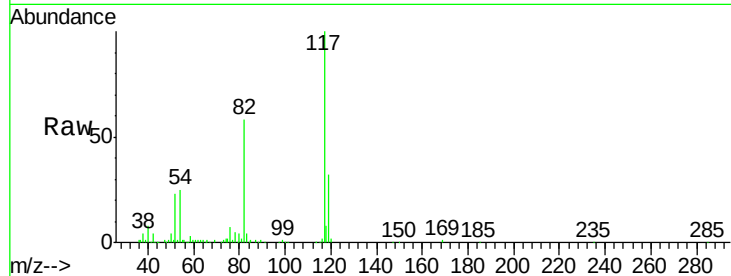




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003640.D
Acq: 28 Jun 2018 15:58

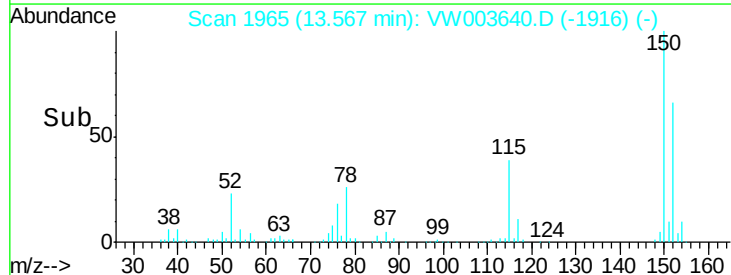
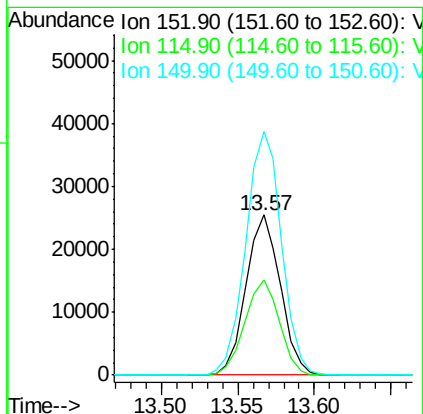
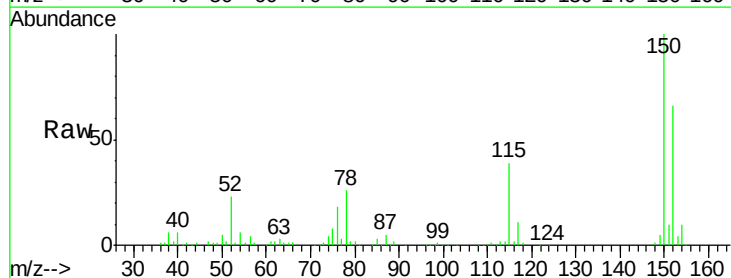
Instrument :
MSVOA_W
ClientSampleId :

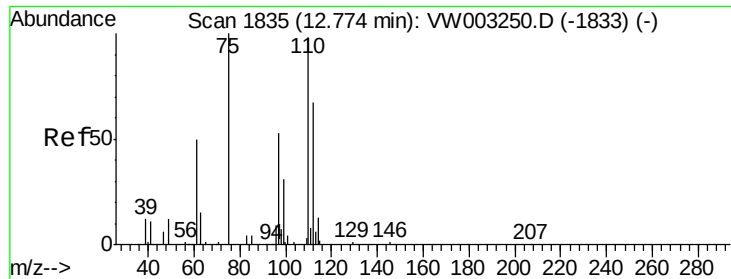
Tot Ion:117 Resp: 131321
Ion Ratio Lower Upper
117 100
82 57.9 44.6 67.0
119 31.1 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003640.D
Acq: 28 Jun 2018 15:58

Tgt Ion:152 Resp: 39813
Ion Ratio Lower Upper
152 100
115 59.6 29.3 88.0
150 157.2 0.0 349.6





#76

1,2,3-Trichloropropane

Concen: 84.477 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW003640.D

Acq: 28 Jun 2018 15:58

Instrument :

MSVOA_W

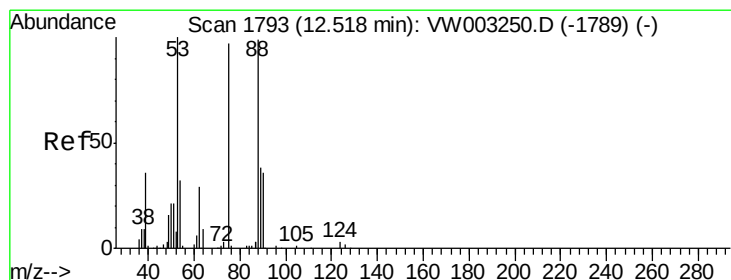
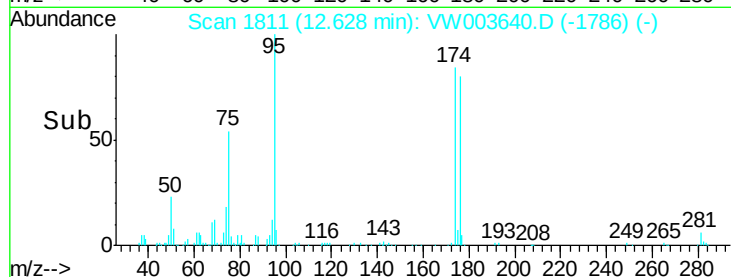
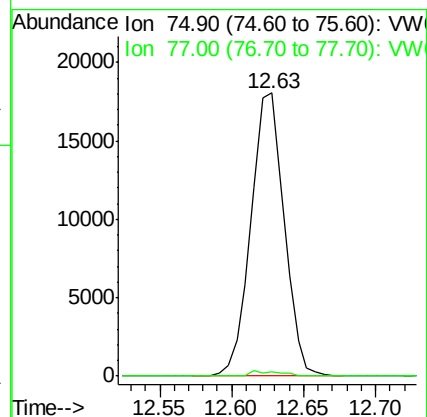
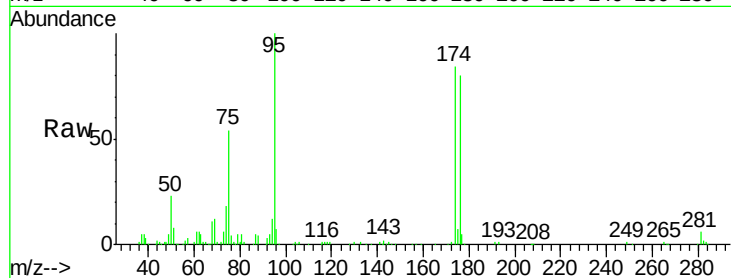
ClientSampled :

Tot Ion: 75 Resp: 28752

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 194.385 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.11 min

Lab File: VW003640.D

Acq: 28 Jun 2018 15:58

Tgt Ion: 75 Resp: 28752

Ion Ratio Lower Upper

75 100

53 0.3 82.9 124.3#

89 0.0 36.7 55.1#

