

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071218\
 Data File : VW003915.D
 Acq On : 12 Jul 2018 23:08
 Operator : SY/AP
 Sample : J3633-02
 Misc : 6.94G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 13 05:57:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	207677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	373072	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	361893	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	181455	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	152526	56.16	ug/l	0.00
Spiked Amount			Recovery	=	112.32%	
35) Dibromofluoromethane	7.88	113	123839	47.43	ug/l	0.00
Spiked Amount			Recovery	=	94.86%	
50) Toluene-d8	10.33	98	469348	46.99	ug/l	0.00
Spiked Amount			Recovery	=	93.98%	
62) 4-Bromofluorobenzene	12.62	95	180861	50.05	ug/l	0.00
Spiked Amount			Recovery	=	100.10%	

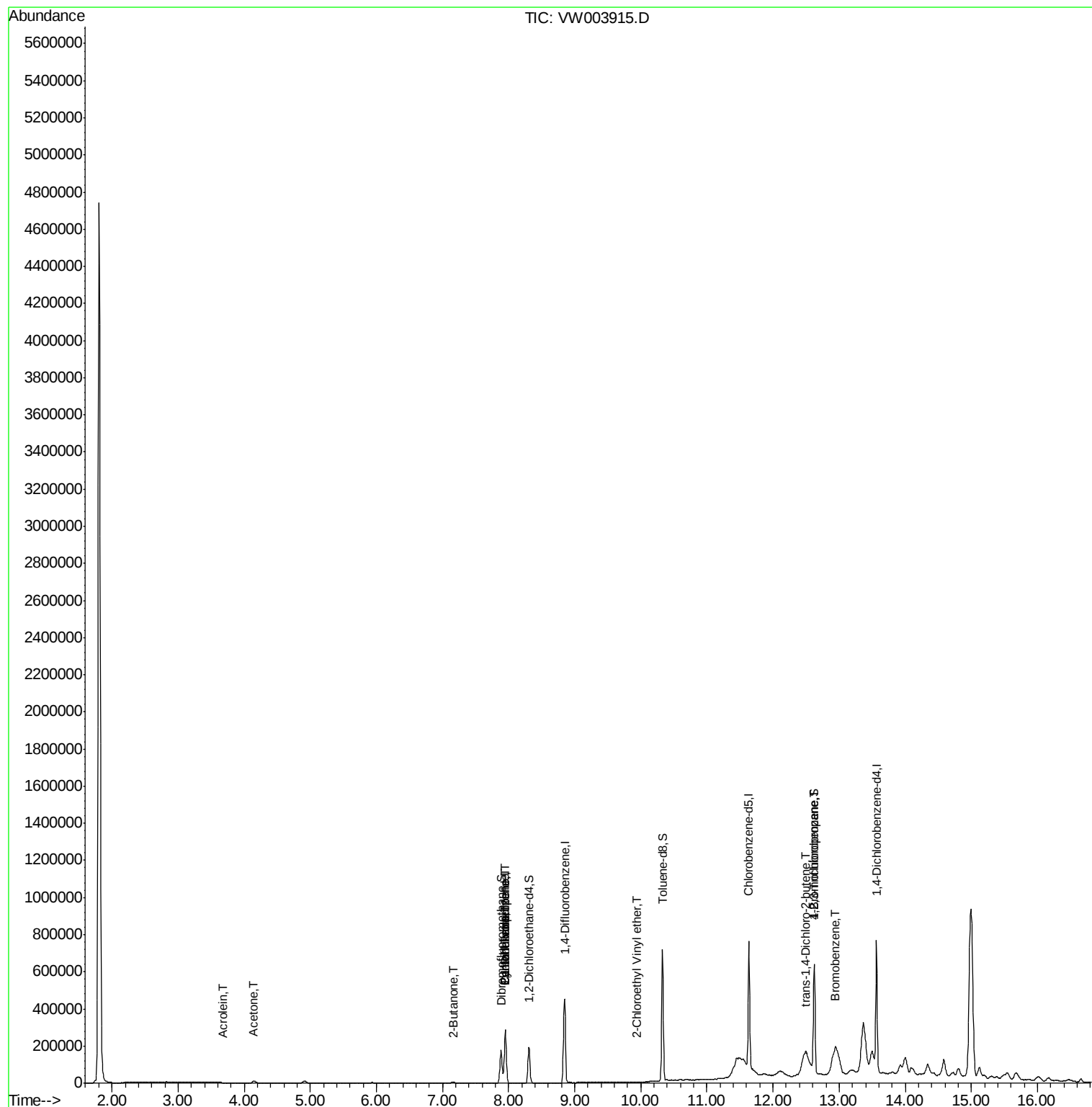
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.68	56	19	4.819	ug/l #	14
16) Acetone	4.14	43	22939	48.683	ug/l	95
20) Methylene Chloride	4.91	84	8922	Below Cal		94
25) 2-Butanone	7.18	43	773	1.047	ug/l #	51
31) Cyclohexane	7.95	56	5494	1.386	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17275	4.364	ug/l #	50
38) Carbon Tetrachloride	7.95	117	21294	5.658	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.93	63	108	13.242	ug/l #	49
76) 1,2,3-Trichloropropane	12.62	75	96033	53.895	ug/l #	100
77) Bromobenzene	12.94	156	229771	75.316	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.49	75	10232	14.047	ug/l #	25

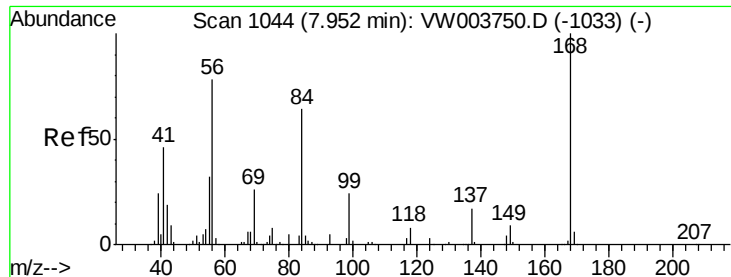
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071218\
Data File : VW003915.D
Acq On : 12 Jul 2018 23:08
Operator : SY/AP
Sample : J3633-02
Misc : 6.94G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jul 13 05:57:25 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 07 05:07:25 2018
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: VW003915.D

Acq: 12 Jul 2018 23:08

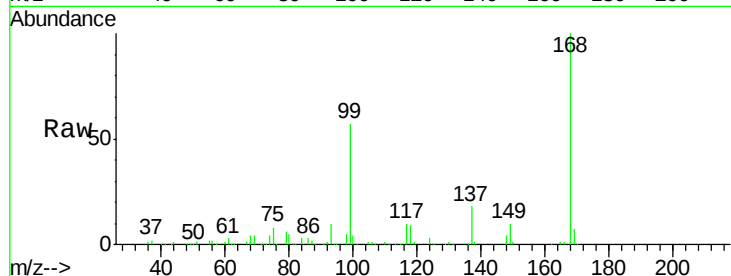
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 207677

Ion Ratio Lower Upper

168 100

99 56.8 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

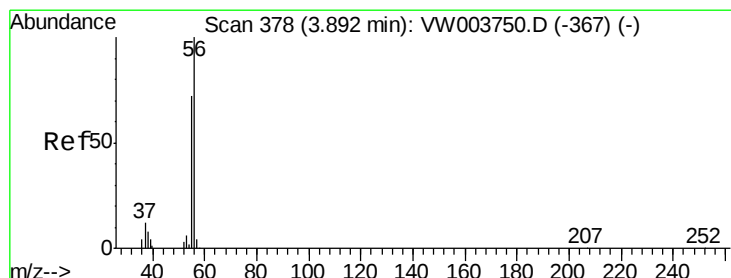
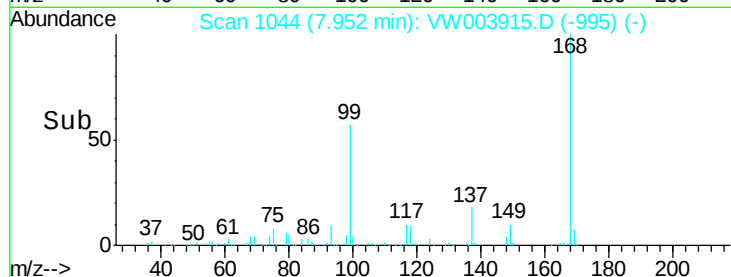
60000

40000

20000

0

Time-->



#13

Acrolein

Concen: 4.819 ug/l

RT: 3.68 min Scan# 344

Delta R.T. -0.21 min

Lab File: VW003915.D

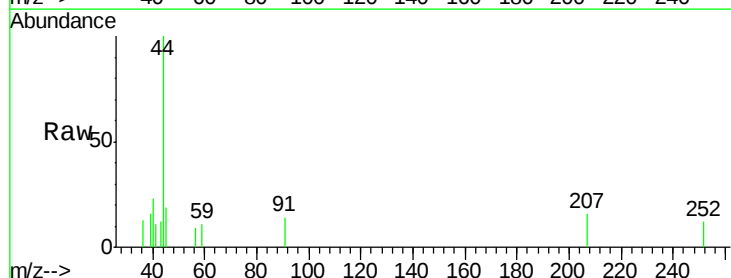
Acq: 12 Jul 2018 23:08

Tgt Ion: 56 Resp: 19

Ion Ratio Lower Upper

56 100

55 0.0 57.5 86.3#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.68

60

50

40

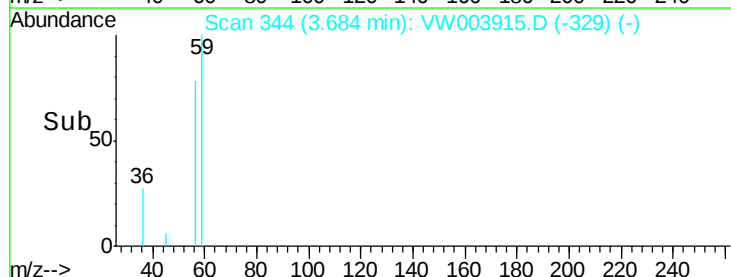
30

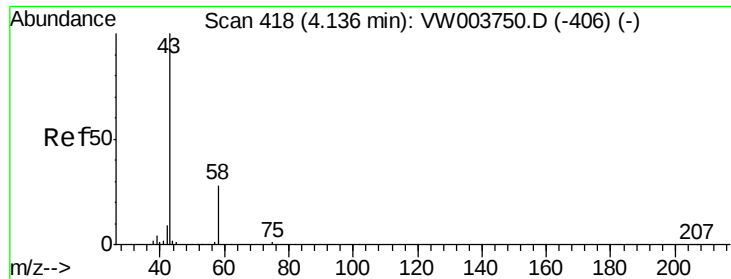
20

10

0

Time-->

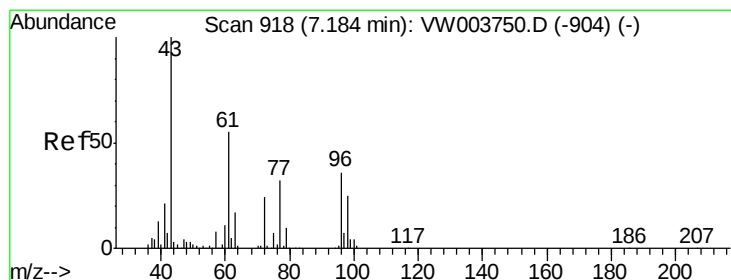
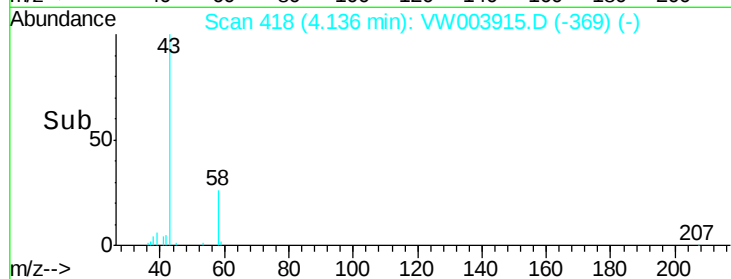
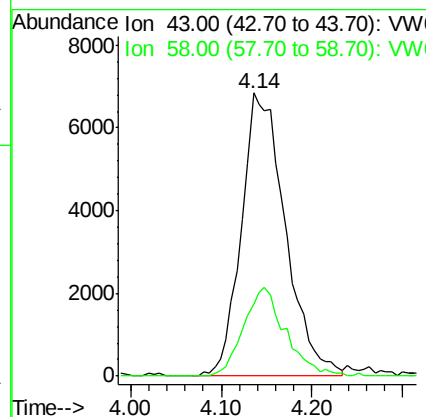
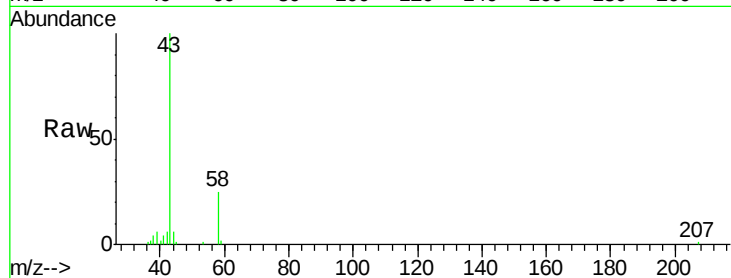




#16
Acetone
Concen: 48.683 ug/l
RT: 4.14 min Scan# 418
Delta R.T. -0.00 min
Lab File: VW003915.D
Acq: 12 Jul 2018 23:08

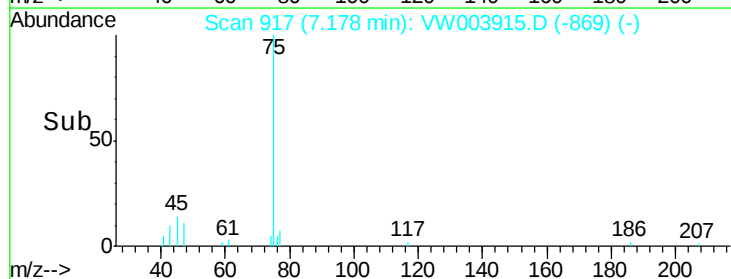
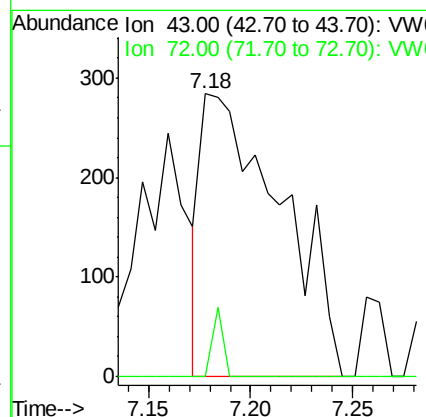
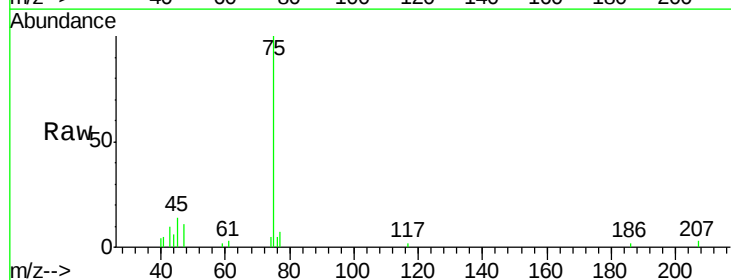
Instrument :
MSVOA_W
ClientSampleId :

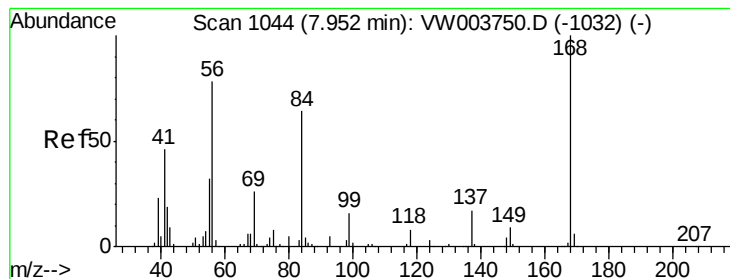
Tot Ion: 43 Resp: 22939
Ion Ratio Lower Upper
43 100
58 25.5 22.6 34.0



#25
2-Butanone
Concen: 1.047 ug/l
RT: 7.18 min Scan# 917
Delta R.T. -0.01 min
Lab File: VW003915.D
Acq: 12 Jul 2018 23:08

Tgt Ion: 43 Resp: 773
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#





#31

Cyclohexane

Concen: 1.386 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW003915.D

Acq: 12 Jul 2018 23:08

Instrument :

MSVOA_W

ClientSampled :

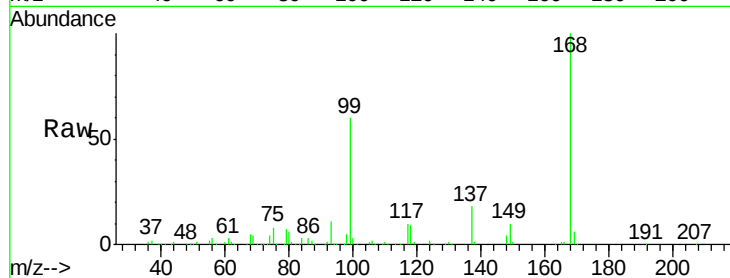
Tot Ion: 56 Resp: 5494

Ion Ratio Lower Upper

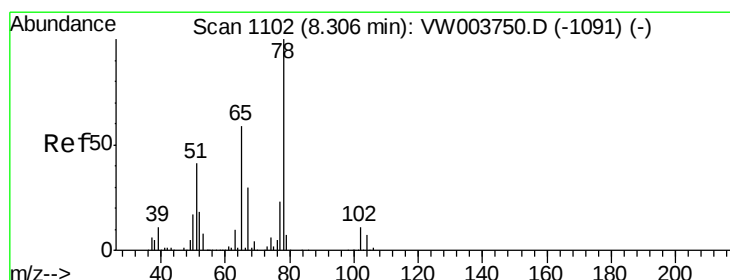
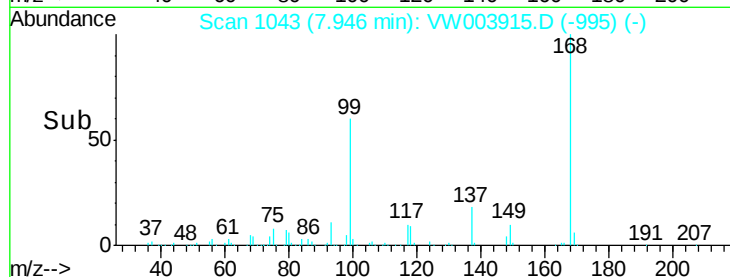
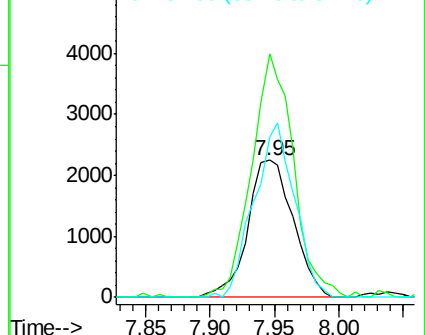
56 100

69 177.7 26.2 39.4#

84 116.7 65.5 98.3#



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: 56.162 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW003915.D

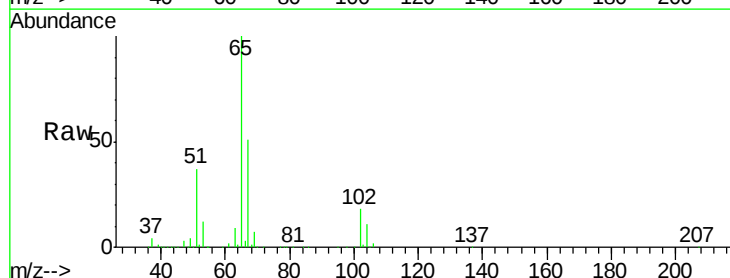
Acq: 12 Jul 2018 23:08

Tgt Ion: 65 Resp: 152526

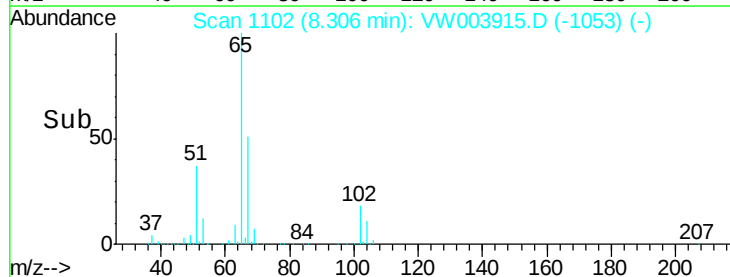
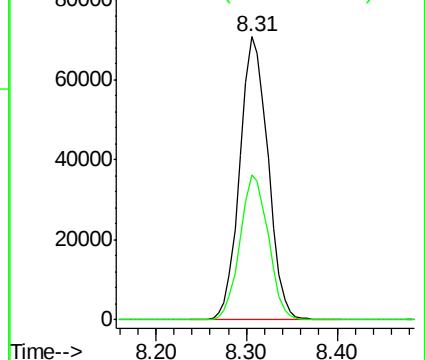
Ion Ratio Lower Upper

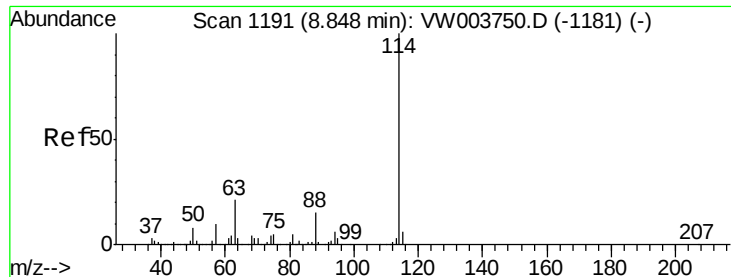
65 100

67 51.5 0.0 103.8



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

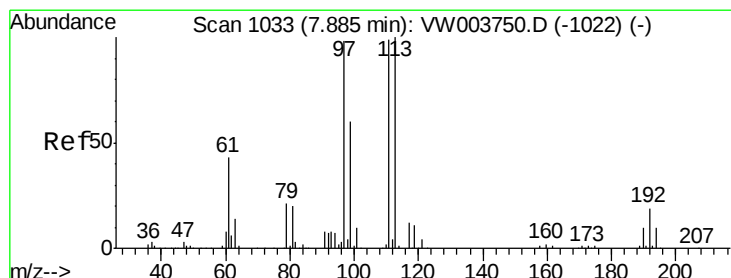
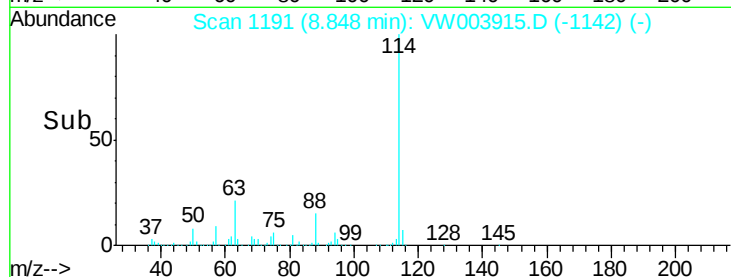
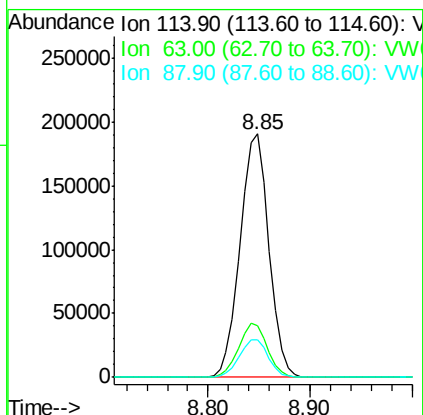
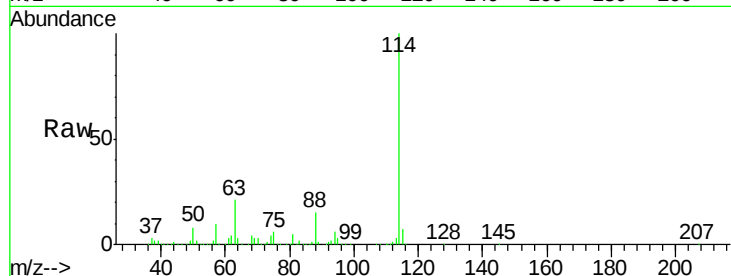




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003915.D
 Acq: 12 Jul 2018 23:08

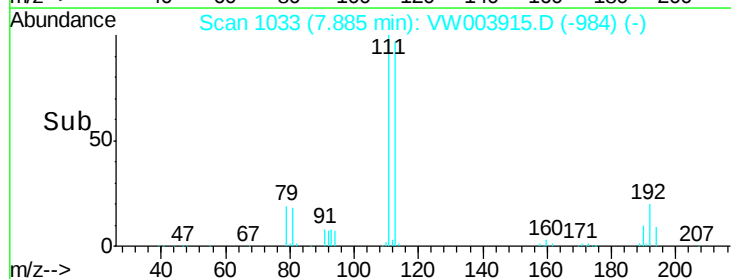
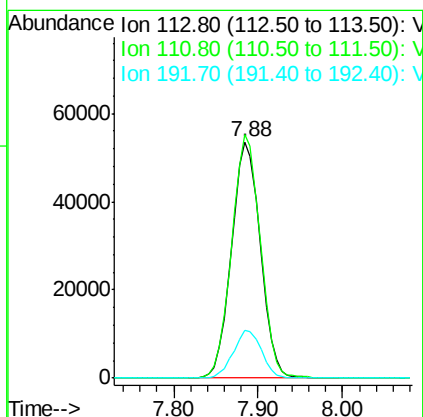
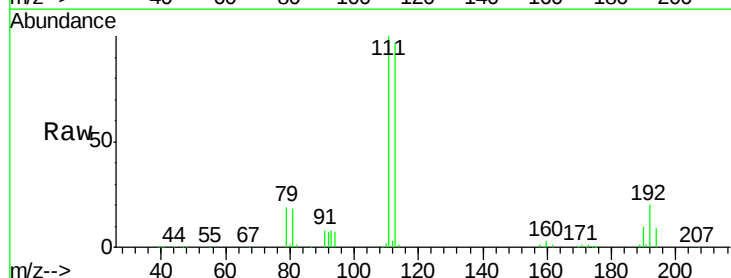
Instrument :
 MSVOA_W
 ClientSampled :

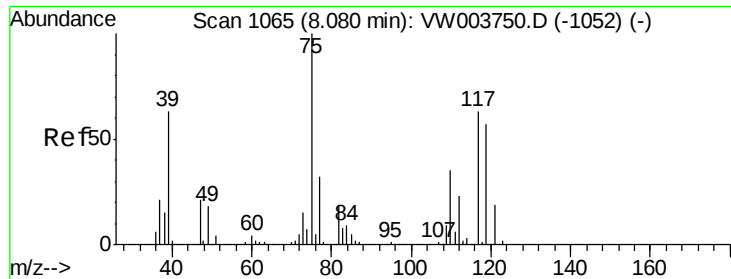
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	41.8
88	15.3	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 47.428 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003915.D
 Acq: 12 Jul 2018 23:08

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.7	122.5
192	19.7	15.8	23.8

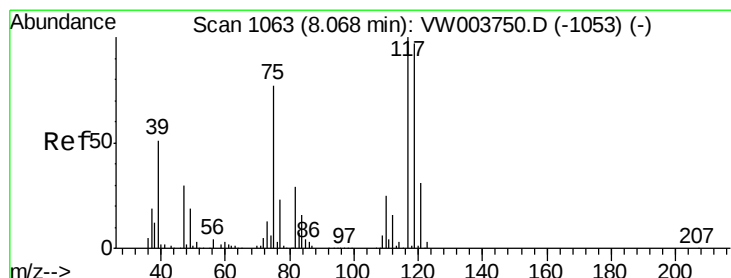
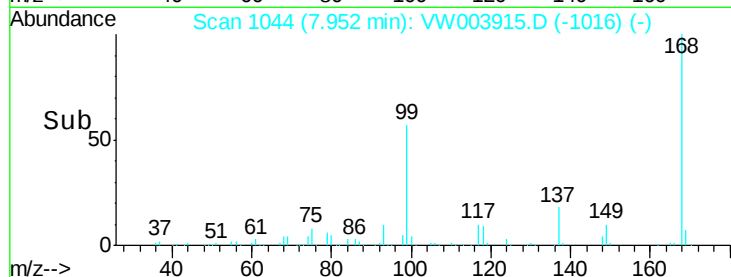
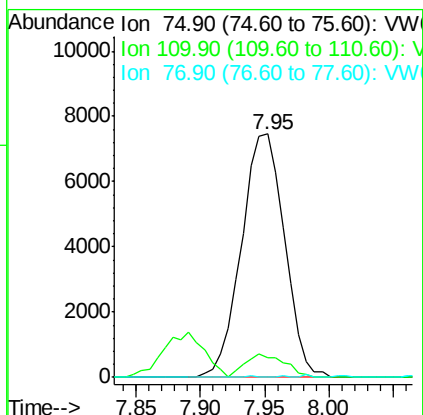
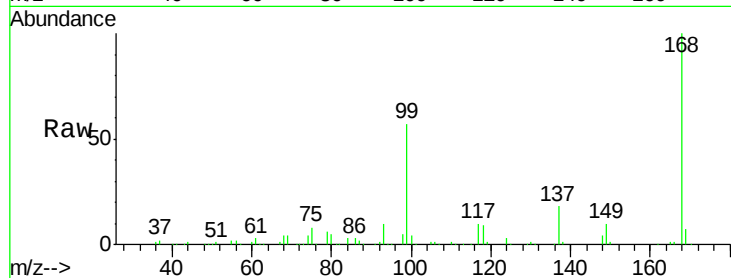




#36
 1,1-Dichloropropene
 Concen: 4.364 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003915.D
 Acq: 12 Jul 2018 23:08

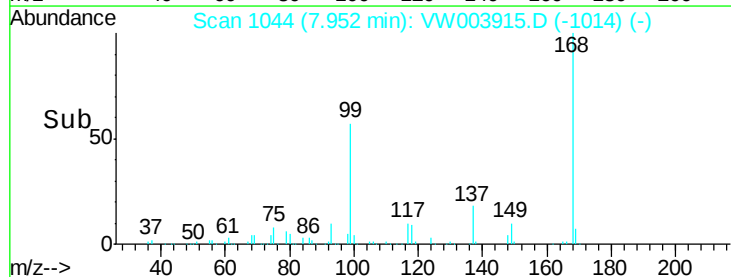
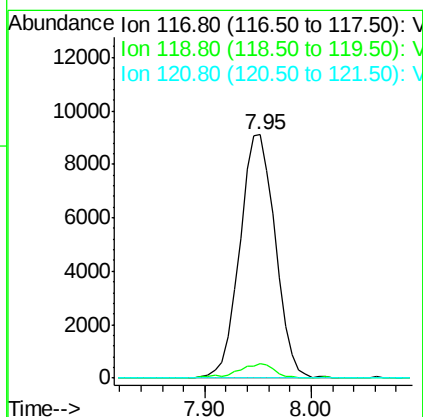
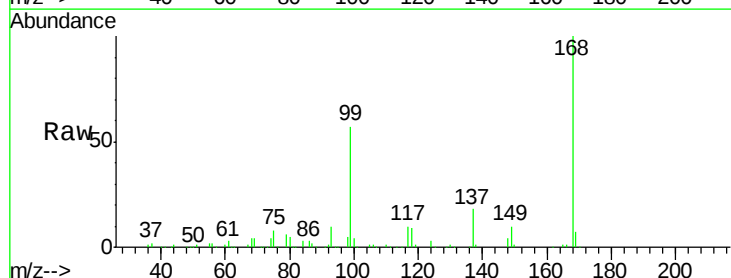
Instrument :
 MSVOA_W
 ClientSampleId :

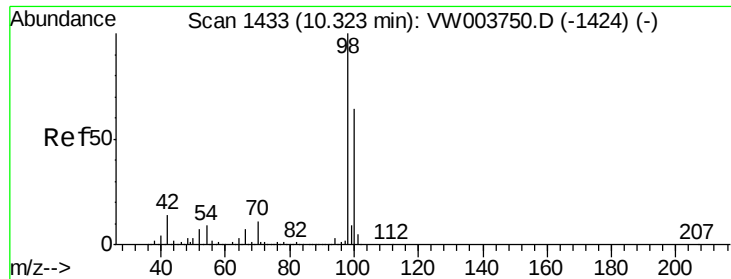
Tot Ion: 75 Resp: 17275
 Ion Ratio Lower Upper
 75 100
 110 8.7 16.9 50.6#
 77 0.1 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 5.658 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW003915.D
 Acq: 12 Jul 2018 23:08

Tgt Ion: 117 Resp: 21294
 Ion Ratio Lower Upper
 117 100
 119 5.9 77.4 116.2#
 121 0.0 24.6 37.0#

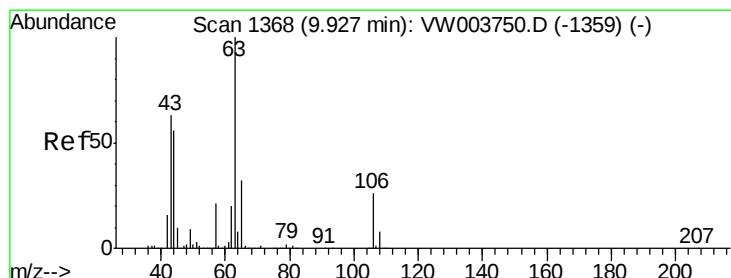
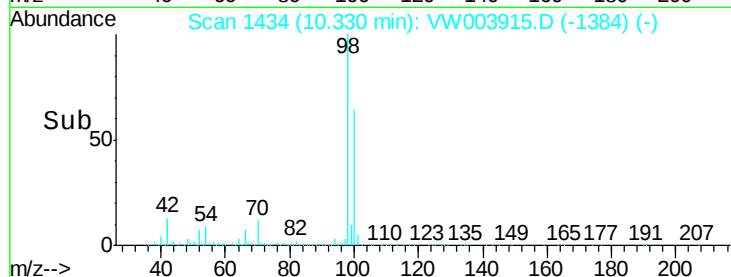
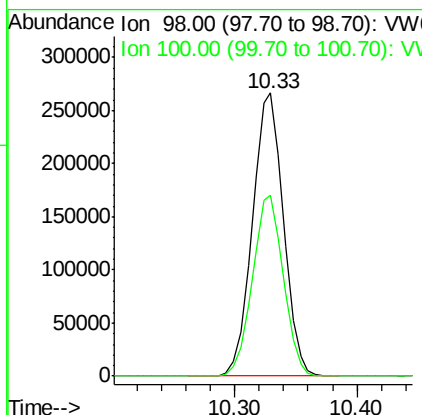
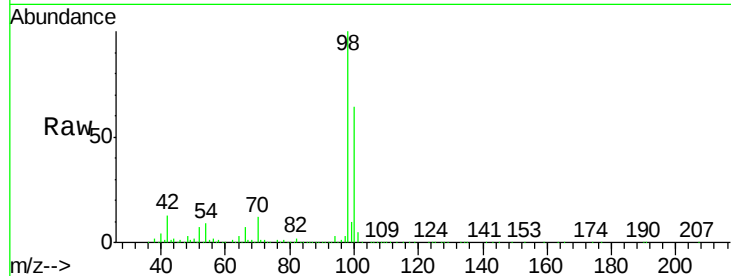




#50
Toluene-d8
Concen: 46.991 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VW003915.D
Acq: 12 Jul 2018 23:08

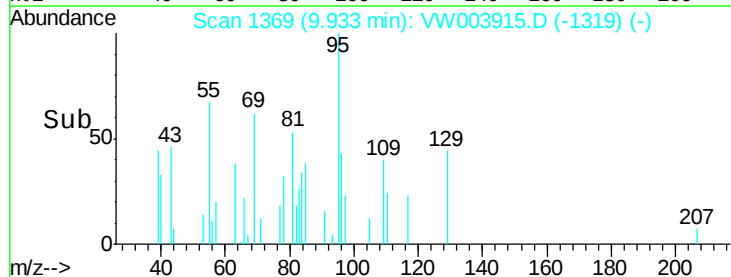
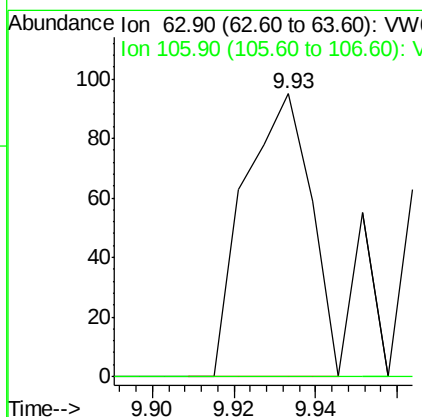
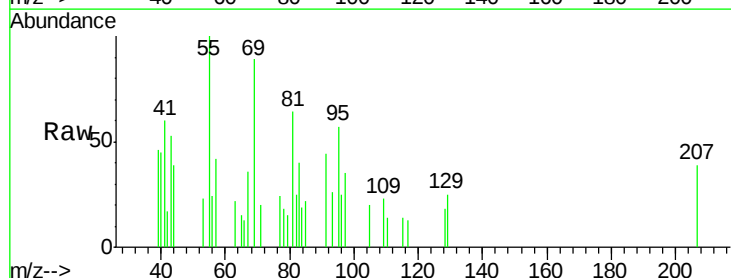
Instrument :
MSVOA_W
ClientSampleId :

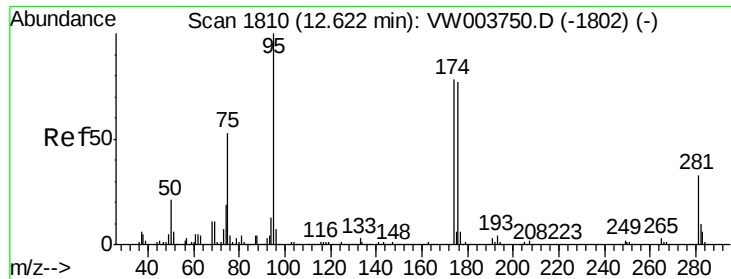
Tot Ion: 98 Resp: 469348
Ion Ratio Lower Upper
98 100
100 63.7 50.8 76.2



#58
2-Chloroethyl Vinyl ether
Concen: 13.242 ug/l
RT: 9.93 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VW003915.D
Acq: 12 Jul 2018 23:08

Tgt Ion: 63 Resp: 108
Ion Ratio Lower Upper
63 100
106 0.0 20.9 31.3#

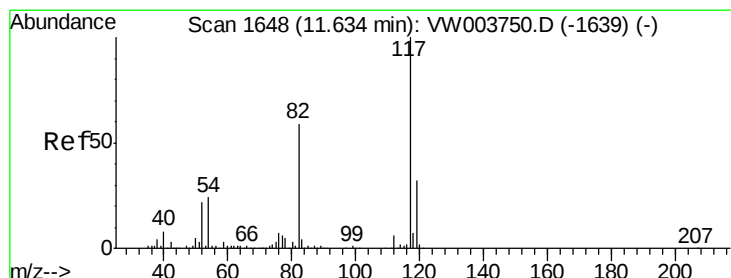
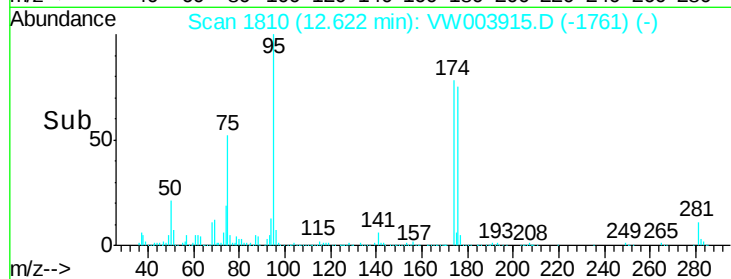
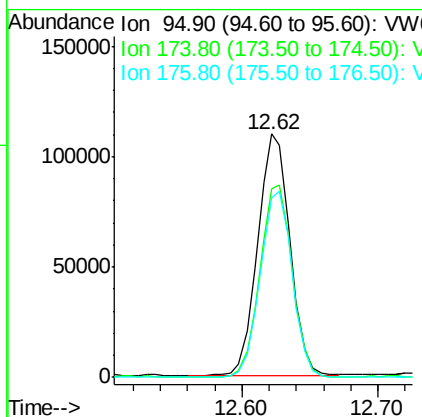
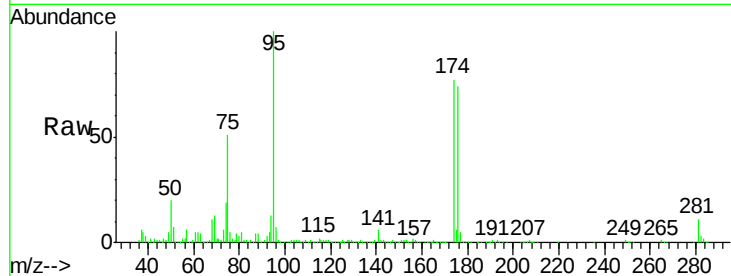




#62
4-Bromofluorobenzene
Concen: 50.047 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW003915.D
Acq: 12 Jul 2018 23:08

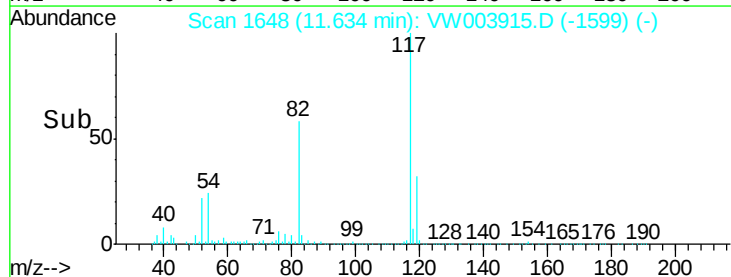
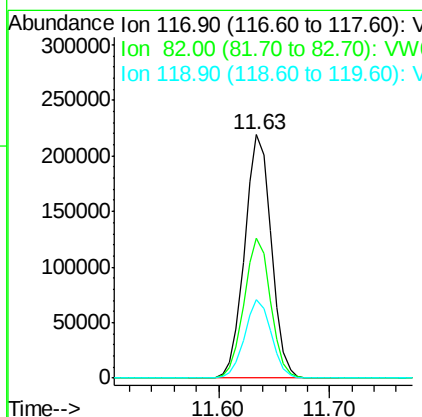
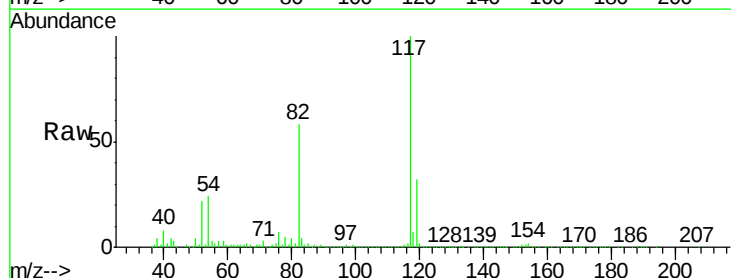
Instrument :
MSVOA_W
ClientSampleId :

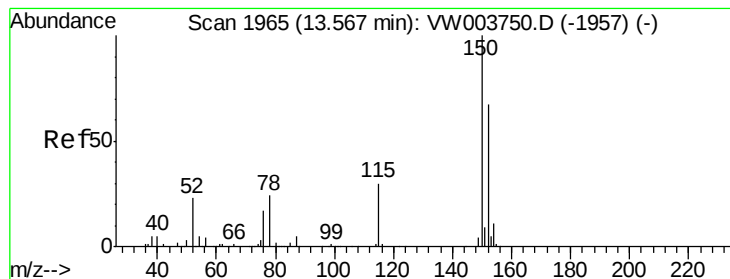
Tot Ion	Ratio	Lower	Upper
95	100		
174	79.8	0.0	163.4
176	77.0	0.0	156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003915.D
Acq: 12 Jul 2018 23:08

Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.6	46.9	70.3
119	31.9	25.5	38.3



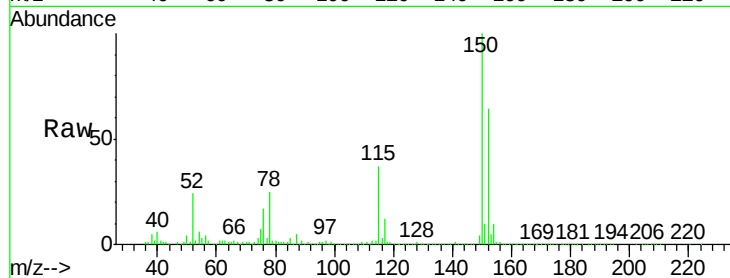


#72

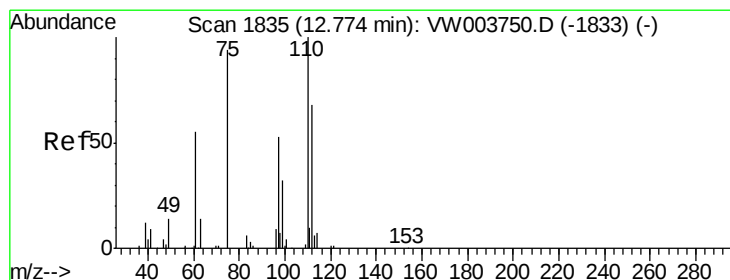
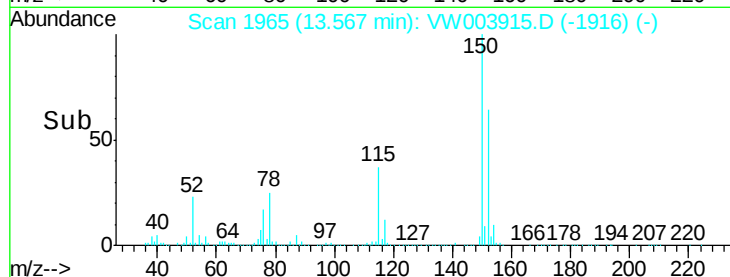
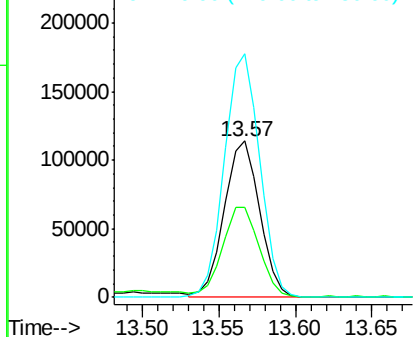
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003915.D
Acq: 12 Jul 2018 23:08

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.4	28.9	86.8
150	156.1	0.0	342.4



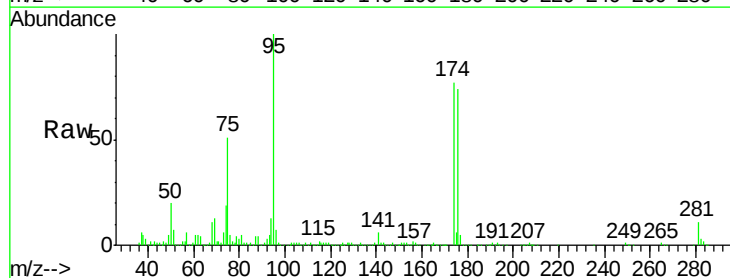
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



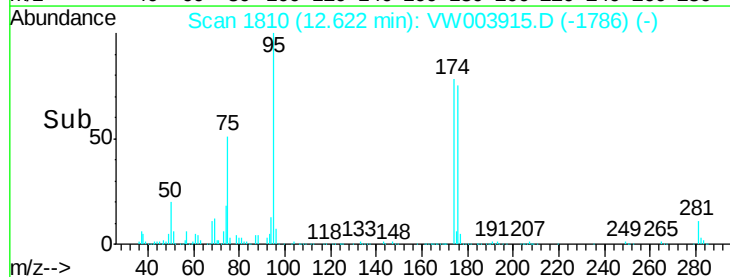
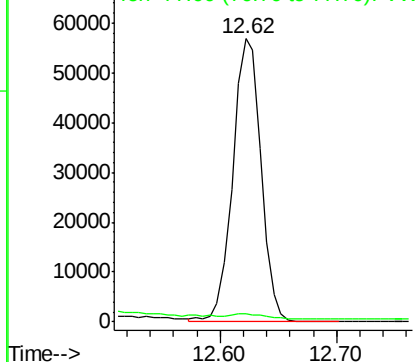
#76

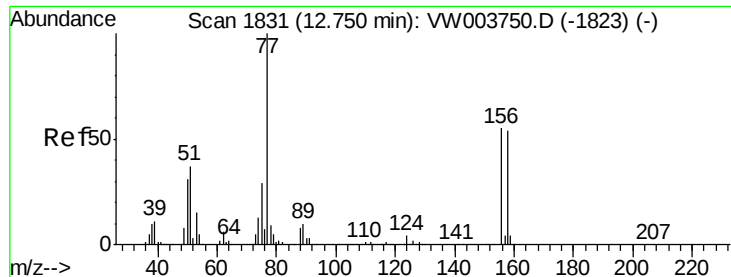
1,2,3-Trichloropropane
Concen: 53.895 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.15 min
Lab File: VW003915.D
Acq: 12 Jul 2018 23:08

Tgt Ion	Ratio	Lower	Upper
75	100		
77	2.3	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 75.316 ug/l

RT: 12.94 min Scan# 1862

Delta R.T. 0.19 min

Lab File: VW003915.D

Acq: 12 Jul 2018 23:08

Instrument :

MSVOA_W

ClientSampleId :

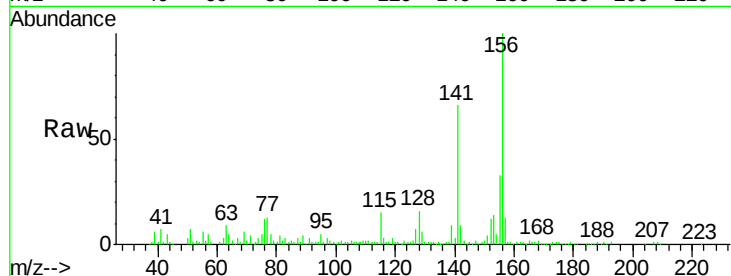
Tot Ion:156 Resp: 229771

Ion Ratio Lower Upper

156 100

77 12.8 98.7 296.0#

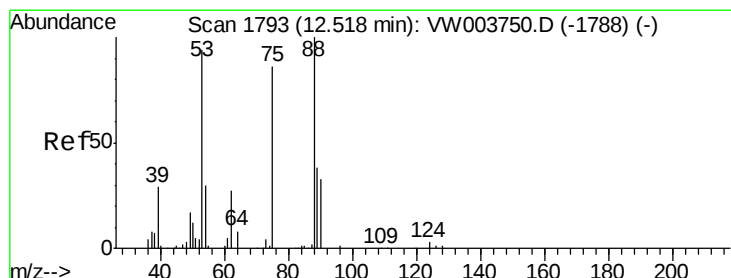
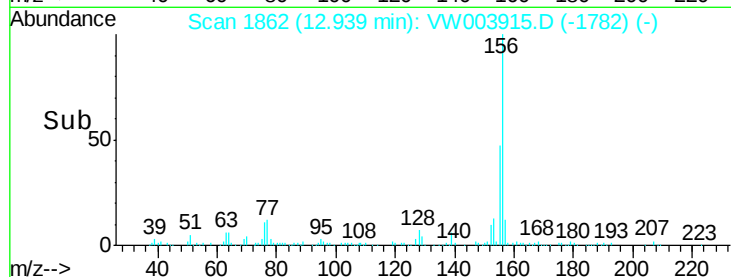
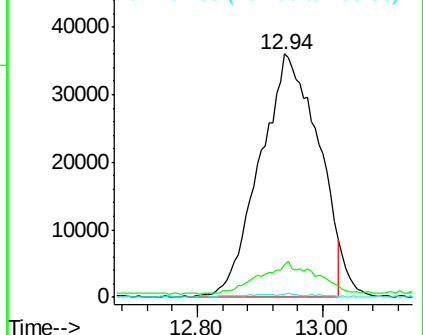
158 0.3 49.0 147.0#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 14.047 ug/l

RT: 12.49 min Scan# 1789

Delta R.T. -0.02 min

Lab File: VW003915.D

Acq: 12 Jul 2018 23:08

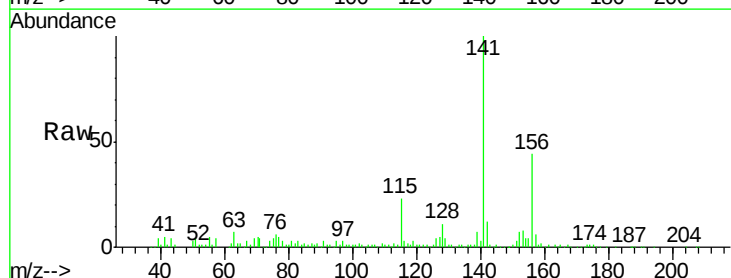
Tgt Ion: 75 Resp: 10232

Ion Ratio Lower Upper

75 100

53 1.7 85.0 127.6#

89 35.6 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

