

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071218\
 Data File : VW003918.D
 Acq On : 13 Jul 2018 00:25
 Operator : SY/AP
 Sample : J3825-01
 Misc : 5.66G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 13 05:57:57 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	159421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	273567	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	221645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	78549	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	133202	63.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.78%	
35) Dibromofluoromethane	7.88	113	111747	58.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.72%	
50) Toluene-d8	10.33	98	352845	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.36%	
62) 4-Bromofluorobenzene	12.62	95	102873	38.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.64%	

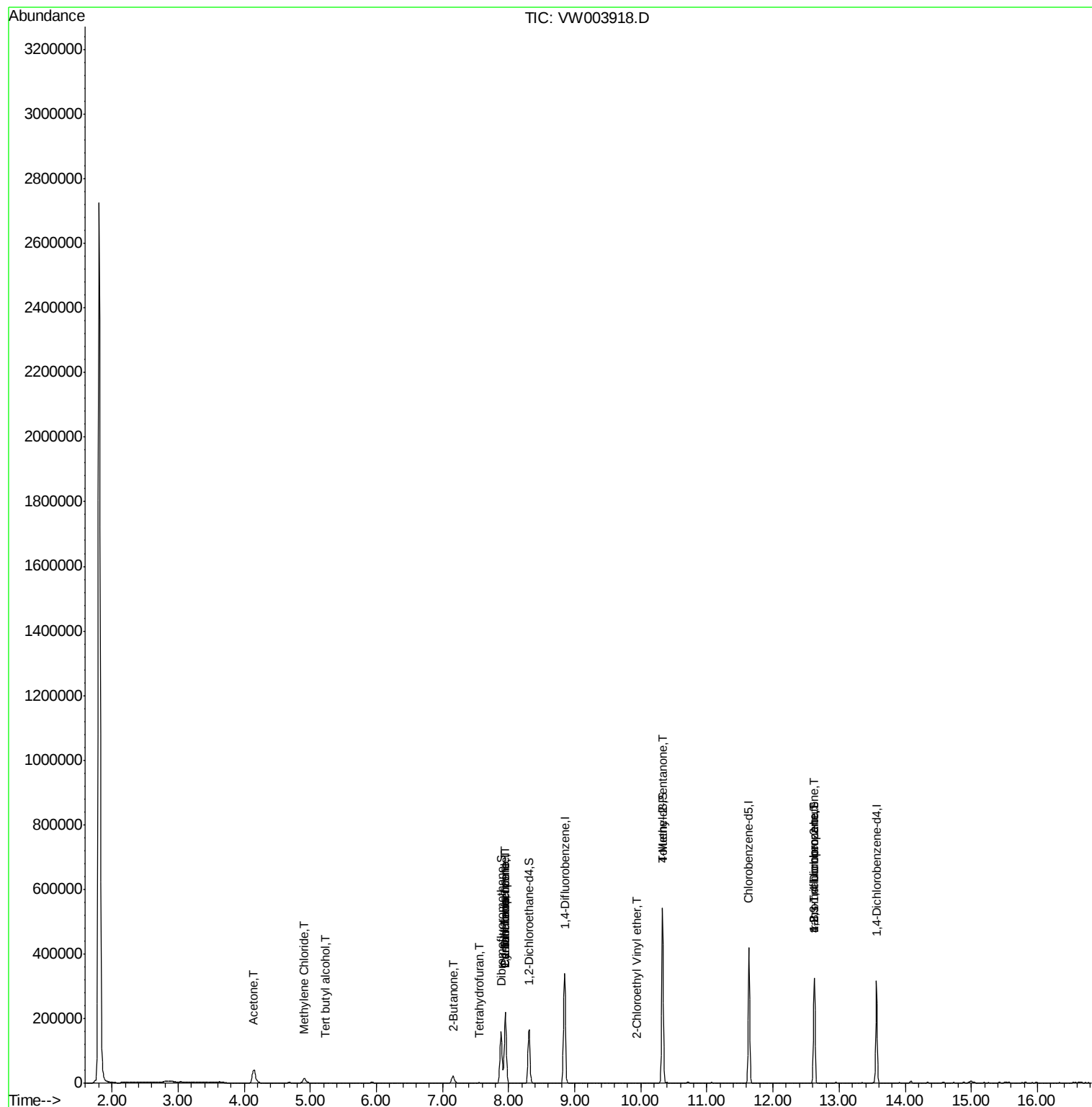
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.22	59	564	4.992	ug/l #	70
16) Acetone	4.14	43	89715	248.035	ug/l	100
20) Methylene Chloride	4.92	84	10834	1.931	ug/l	94
25) 2-Butanone	7.15	43	829	1.463	ug/l	92
29) Tetrahydrofuran	7.55	42	703	1.930	ug/l #	72
31) Cyclohexane	7.95	56	4056	1.333	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	13823	4.762	ug/l #	50
38) Carbon Tetrachloride	7.95	117	15757	5.709	ug/l #	15
51) 4-Methyl-2-Pentanone	10.32	43	1920	1.386	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.94	63	27	13.193	ug/l #	49
76) 1,2,3-Trichloropropane	12.62	75	55744	72.269	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	55744	176.788	ug/l #	8

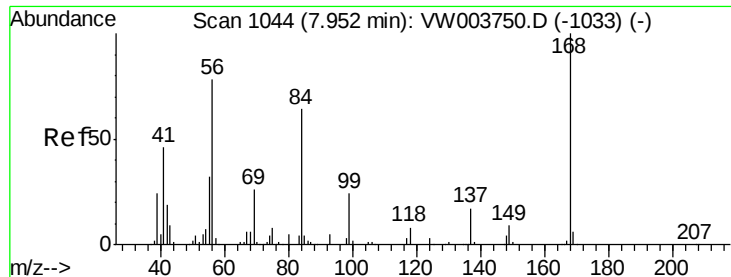
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071218\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003918.D

Acq: 13 Jul 2018 00:25

Instrument :

MSVOA_W

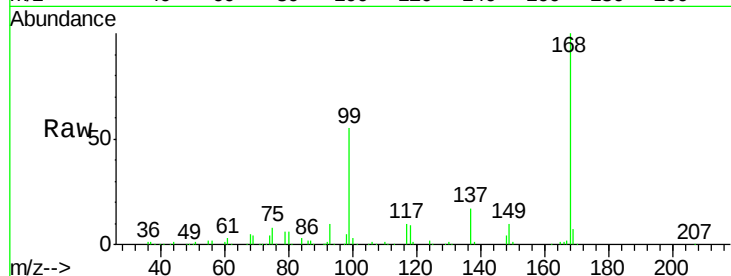
ClientSampled :

Tot Ion:168 Resp: 159421

Ion Ratio Lower Upper

168 100

99 55.3 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

80000

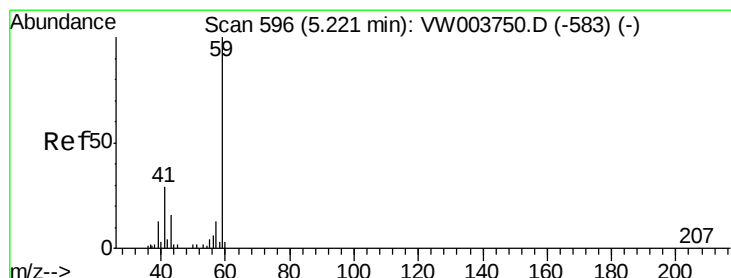
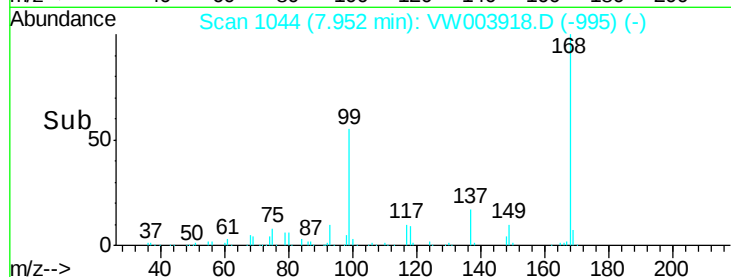
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 4.992 ug/l

RT: 5.22 min Scan# 596

Delta R.T. -0.00 min

Lab File: VW003918.D

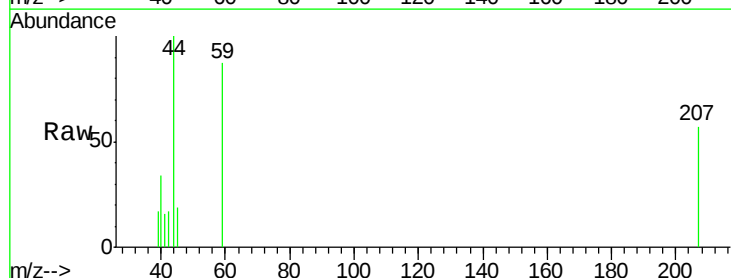
Acq: 13 Jul 2018 00:25

Tgt Ion: 59 Resp: 564

Ion Ratio Lower Upper

59 100

57 0.0 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.22

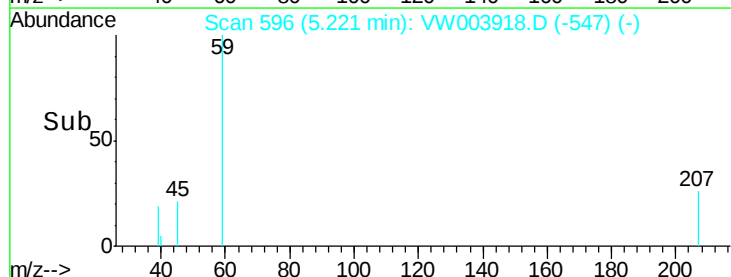
300

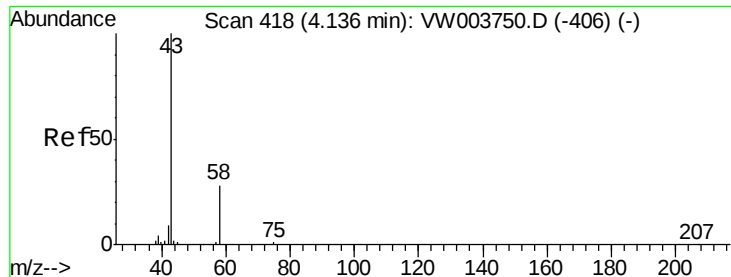
200

100

0

Time-->

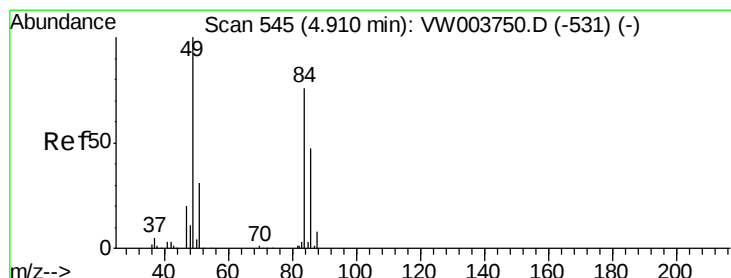
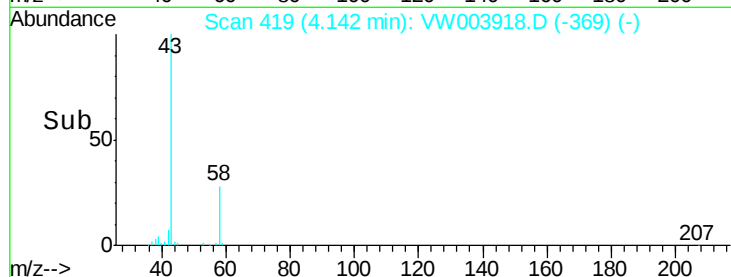
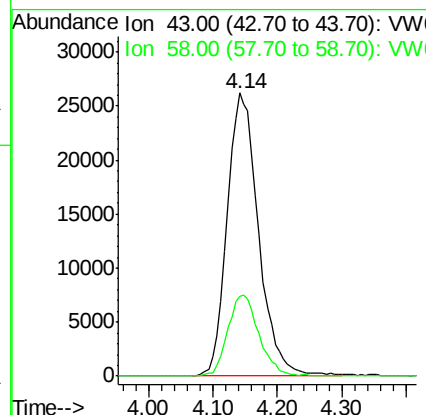
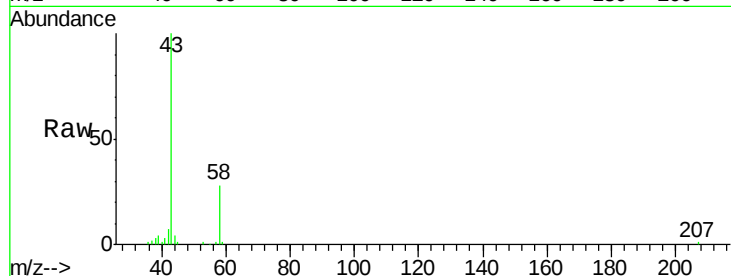




#16
Acetone
Concen: 248.035 ug/l
RT: 4.14 min Scan# 419
Delta R.T. 0.01 min
Lab File: VW003918.D
Acq: 13 Jul 2018 00:25

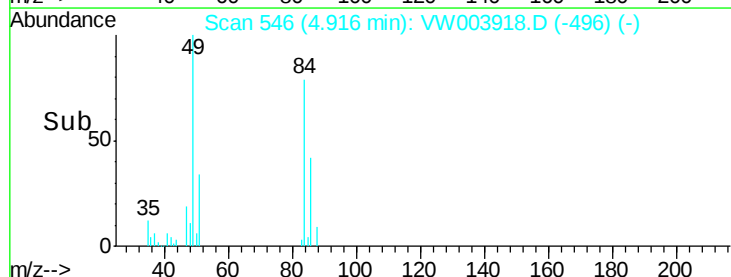
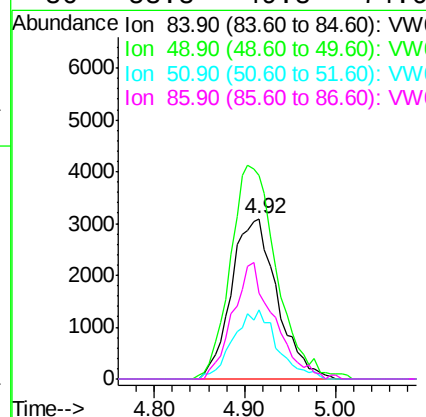
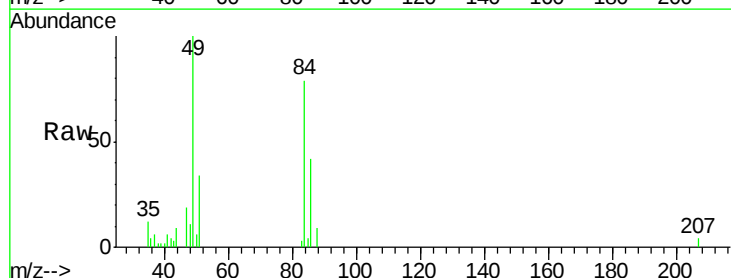
Instrument :
MSVOA_W
ClientSampleId :

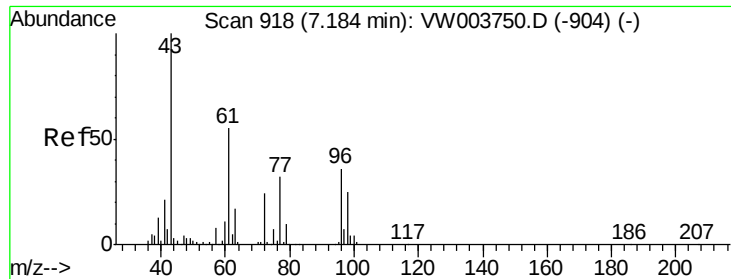
Tot Ion: 43 Resp: 89715
Ion Ratio Lower Upper
43 100
58 28.4 22.6 34.0



#20
Methylene Chloride
Concen: 1.931 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003918.D
Acq: 13 Jul 2018 00:25

Tgt Ion: 84 Resp: 10834
Ion Ratio Lower Upper
84 100
49 126.6 105.1 157.7
51 43.1 32.5 48.7
86 53.8 49.8 74.6





#25

2-Butanone

Concen: 1.463 ug/l

RT: 7.15 min Scan# 913

Delta R.T. -0.03 min

Lab File: VW003918.D

Acq: 13 Jul 2018 00:25

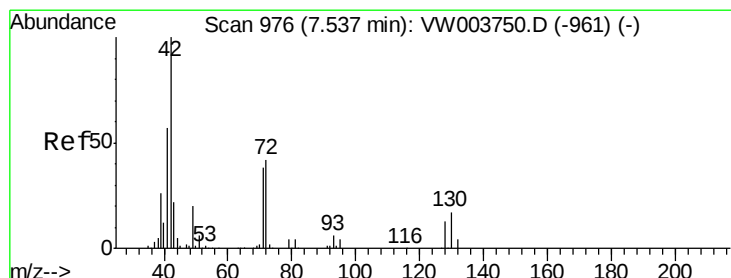
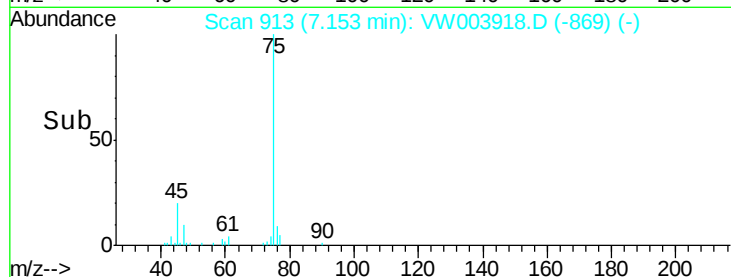
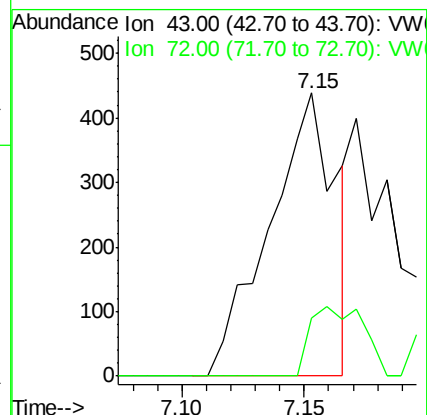
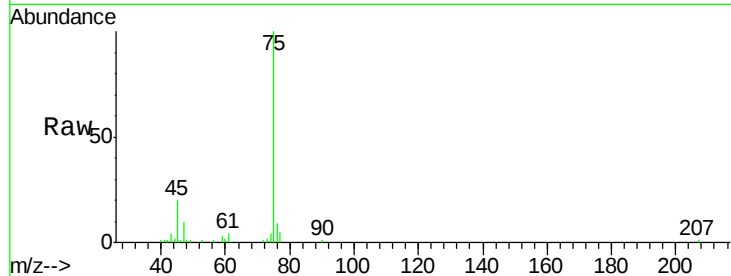
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 829

Ion Ratio Lower Upper

43 100

72 20.5 19.4 29.2



#29

Tetrahydrofuran

Concen: 1.930 ug/l

RT: 7.55 min Scan# 978

Delta R.T. 0.01 min

Lab File: VW003918.D

Acq: 13 Jul 2018 00:25

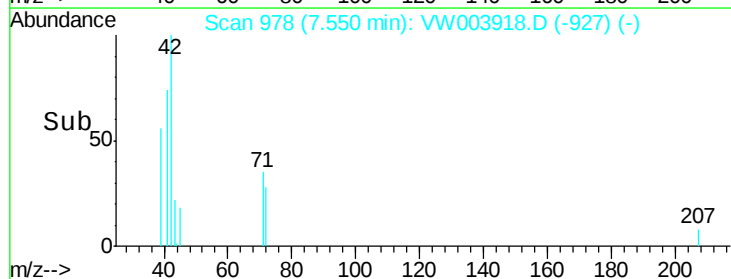
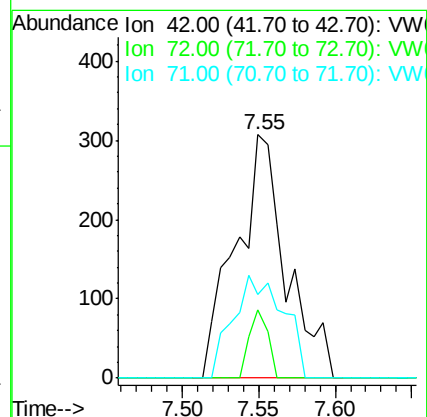
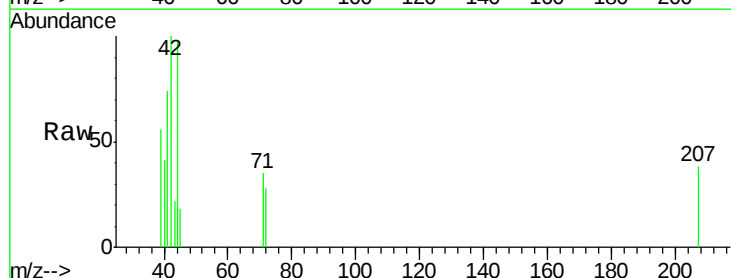
Tgt Ion: 42 Resp: 703

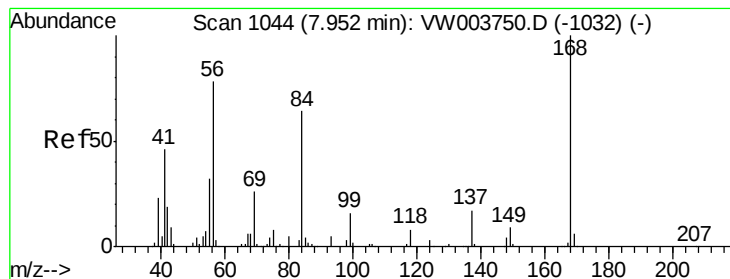
Ion Ratio Lower Upper

42 100

72 10.4 31.8 47.8#

71 42.2 30.3 45.5





#31

Cyclohexane

Concen: 1.333 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW003918.D

Acq: 13 Jul 2018 00:25

Instrument :

MSVOA_W

ClientSampleId :

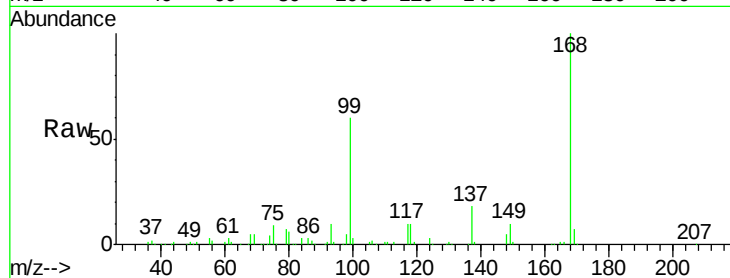
Tot Ion: 56 Resp: 4056

Ion Ratio Lower Upper

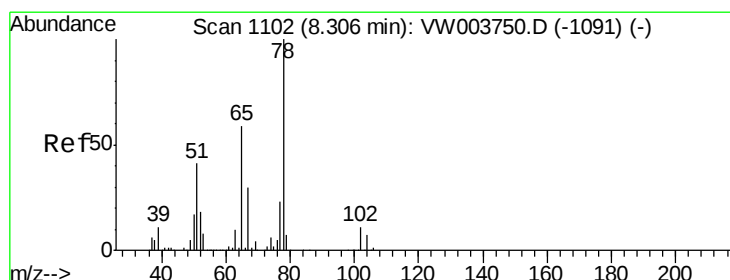
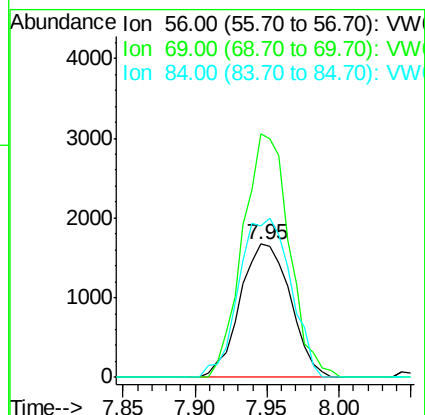
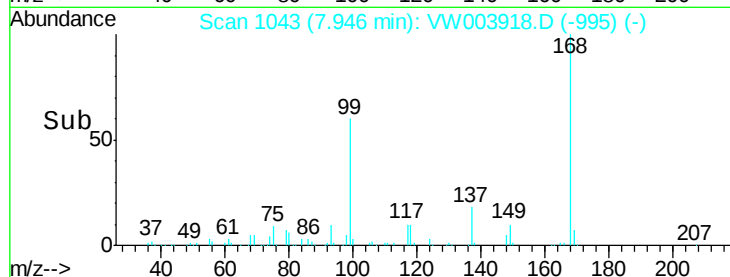
56 100

69 182.9 26.2 39.4#

84 114.1 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: 63.892 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW003918.D

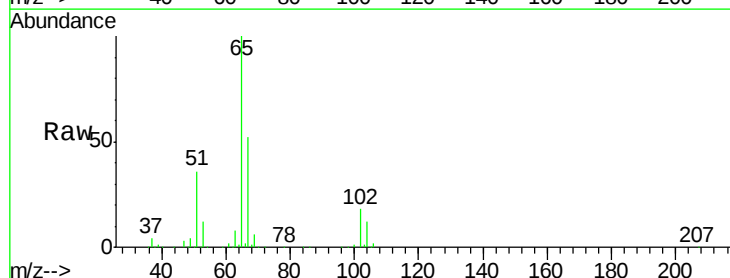
Acq: 13 Jul 2018 00:25

Tgt Ion: 65 Resp: 133202

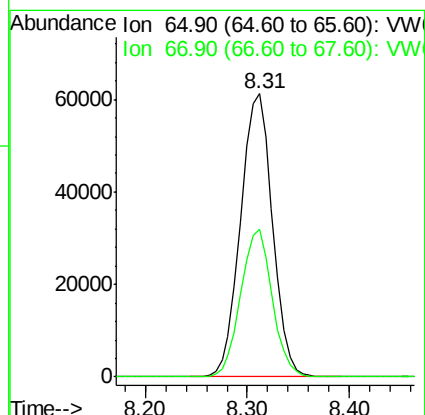
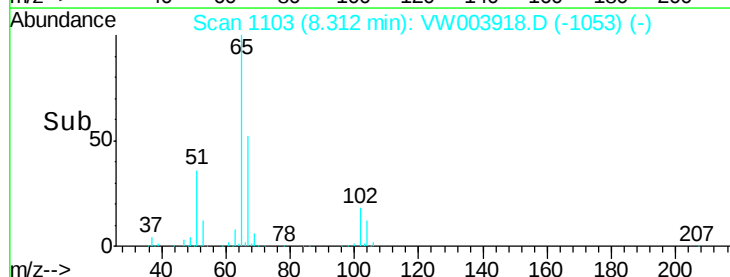
Ion Ratio Lower Upper

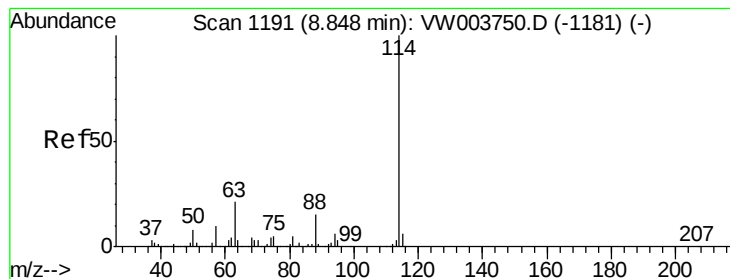
65 100

67 51.4 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: VW003918.D

Acq: 13 Jul 2018 00:25

Instrument :

MSVOA_W

ClientSampleId :

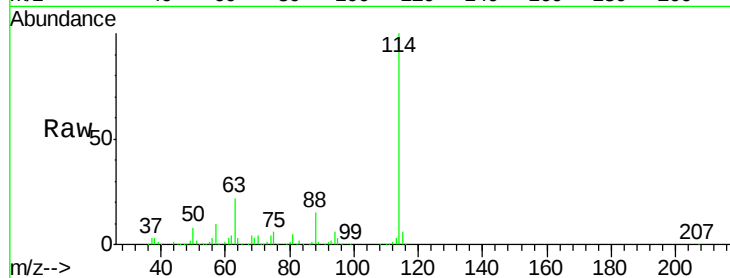
Tot Ion:114 Resp: 273567

Ion Ratio Lower Upper

114 100

63 22.0 0.0 41.8

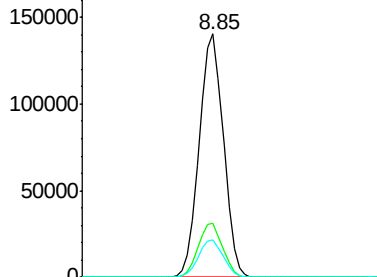
88 15.3 0.0 30.2



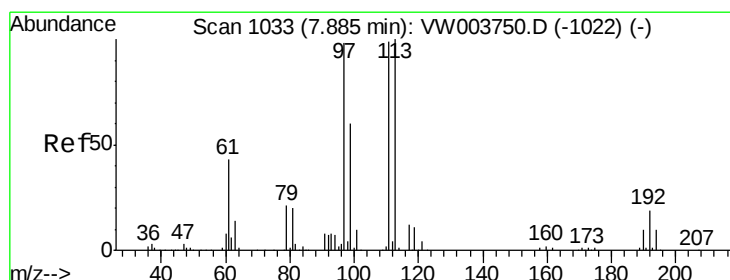
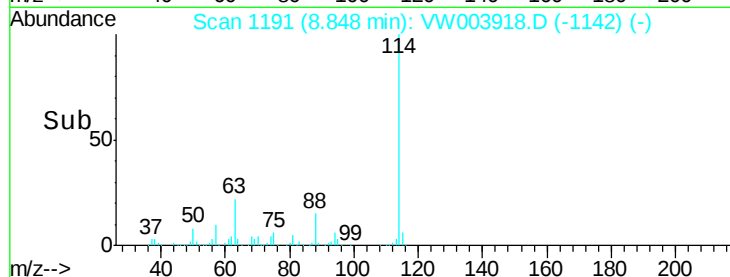
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



Time--> 8.70 8.80 8.90 9.00



#35

Dibromofluoromethane

Concen: 58.364 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW003918.D

Acq: 13 Jul 2018 00:25

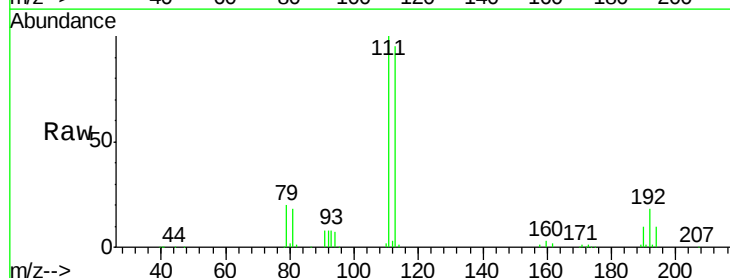
Tgt Ion:113 Resp: 111747

Ion Ratio Lower Upper

113 100

111 102.4 81.7 122.5

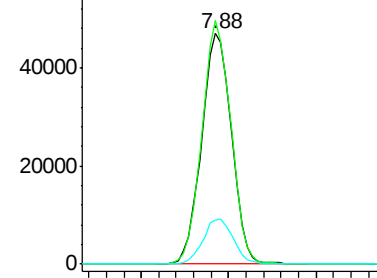
192 19.7 15.8 23.8



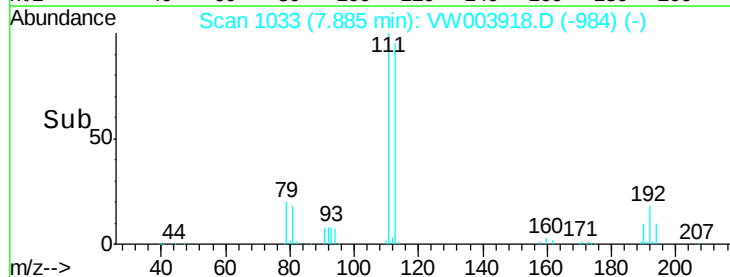
Abundance Ion 112.80 (112.50 to 113.50): V

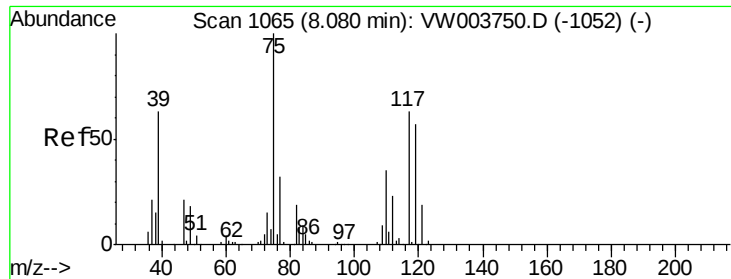
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time--> 7.80 7.90 8.00

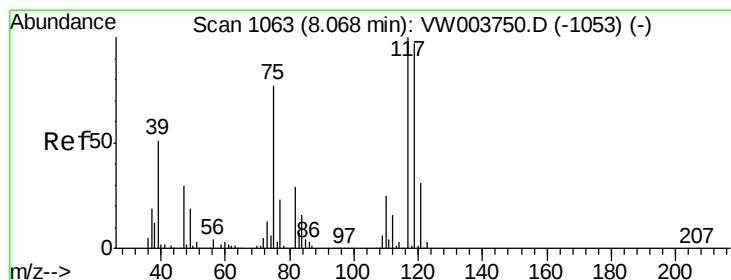
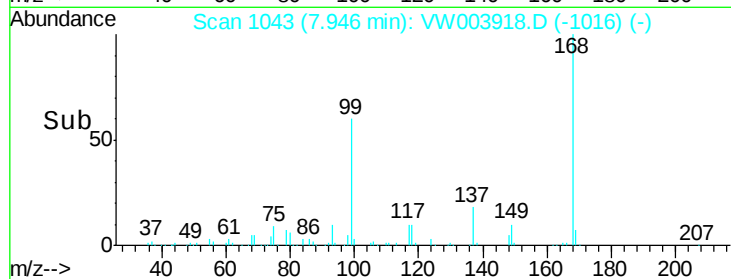
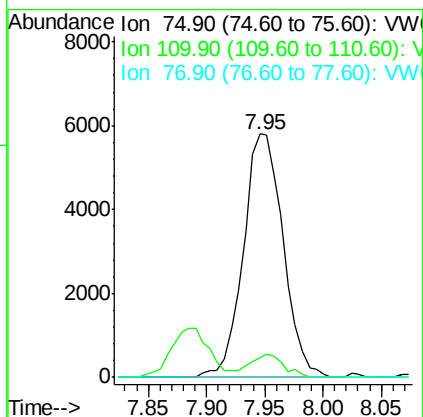
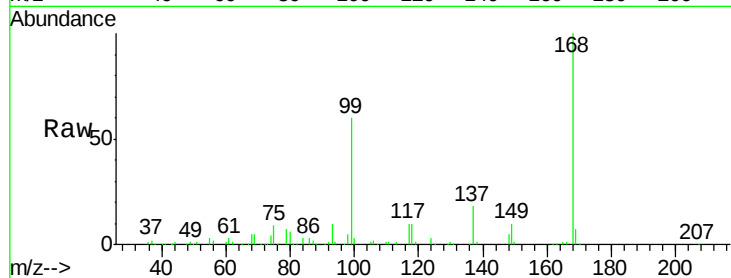




#36
 1,1-Dichloropropene
 Concen: 4.762 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW003918.D
 Acq: 13 Jul 2018 00:25

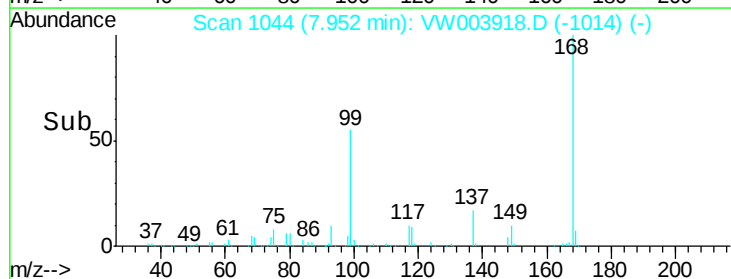
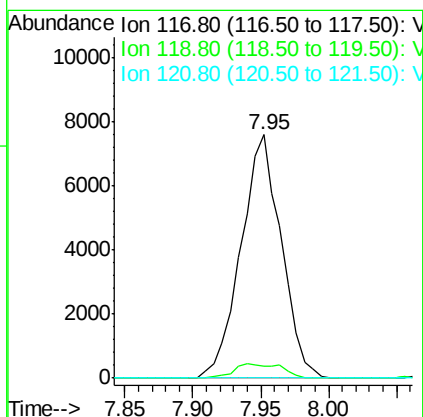
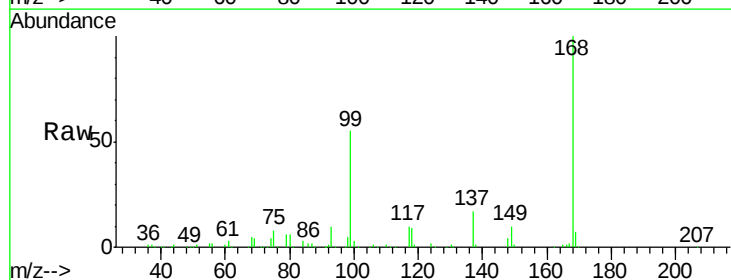
Instrument :
 MSVOA_W
 ClientSampleID :

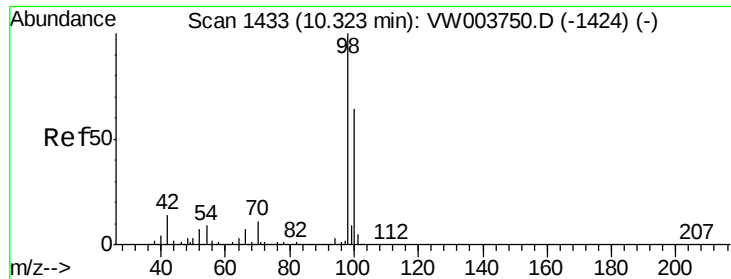
Tot Ion: 75 Resp: 13823
 Ion Ratio Lower Upper
 75 100
 110 8.2 16.9 50.6#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 5.709 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW003918.D
 Acq: 13 Jul 2018 00:25

Tgt Ion: 117 Resp: 15757
 Ion Ratio Lower Upper
 117 100
 119 4.8 77.4 116.2#
 121 0.0 24.6 37.0#

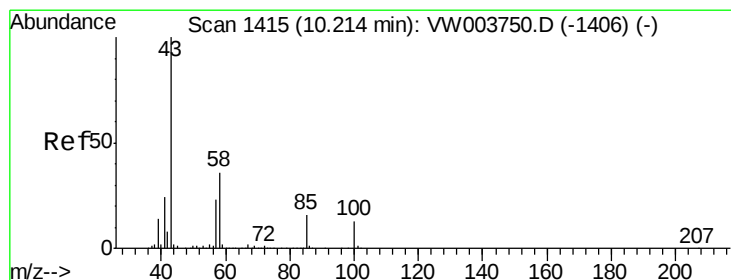
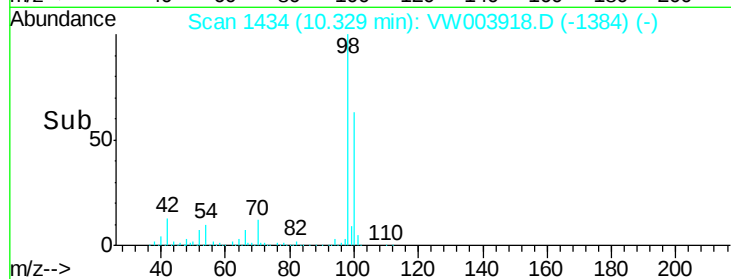
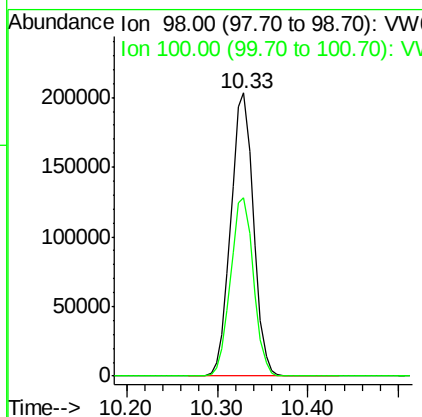
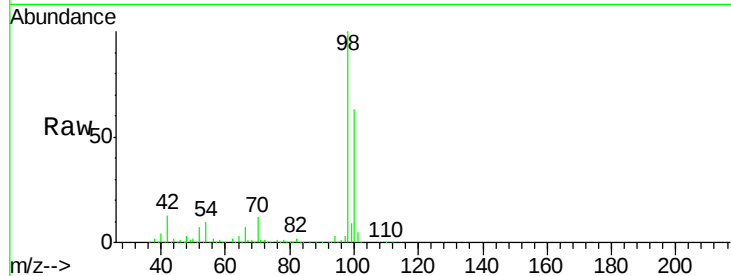




#50
Toluene-d8
Concen: 48.177 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VW003918.D
Acq: 13 Jul 2018 00:25

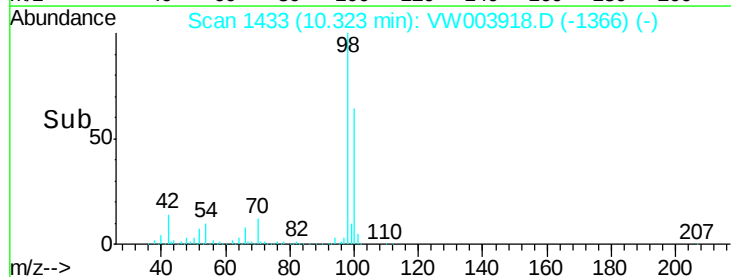
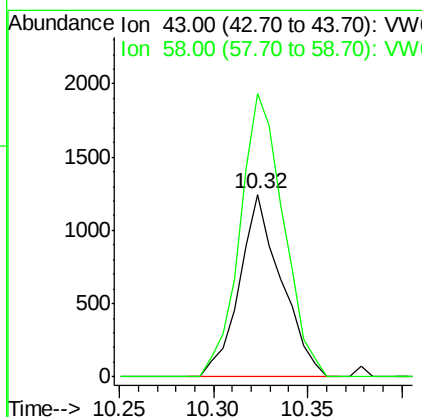
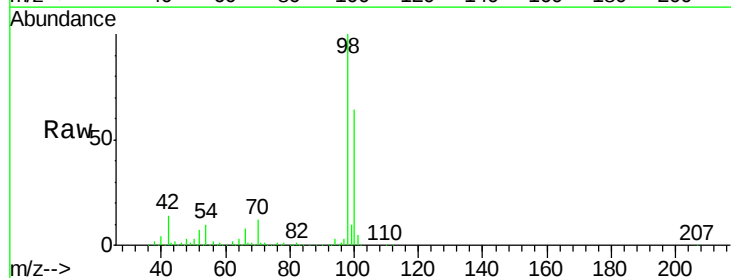
Instrument :
MSVOA_W
ClientSampleId :

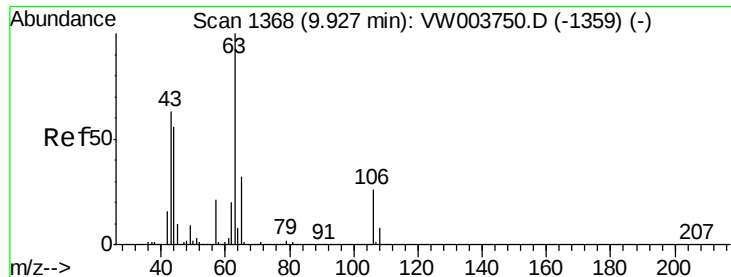
Tot Ion: 98 Resp: 352845
Ion Ratio Lower Upper
98 100
100 63.7 50.8 76.2



#51
4-Methyl-2-Pentanone
Concen: 1.386 ug/l
RT: 10.32 min Scan# 1433
Delta R.T. 0.11 min
Lab File: VW003918.D
Acq: 13 Jul 2018 00:25

Tgt Ion: 43 Resp: 1920
Ion Ratio Lower Upper
43 100
58 161.1 29.3 43.9#

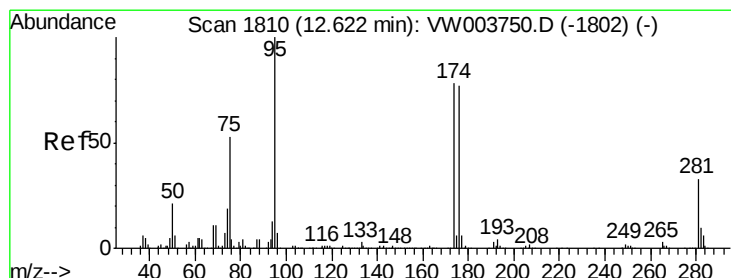
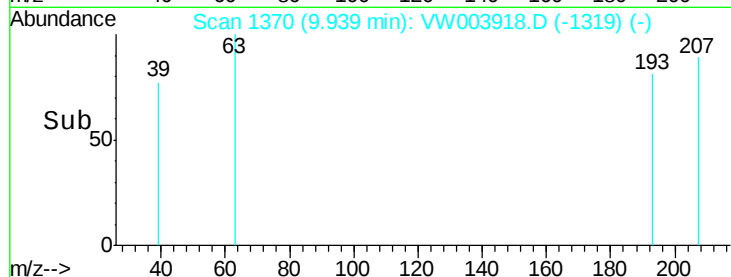
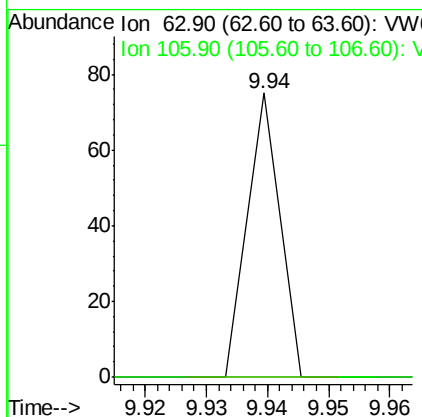
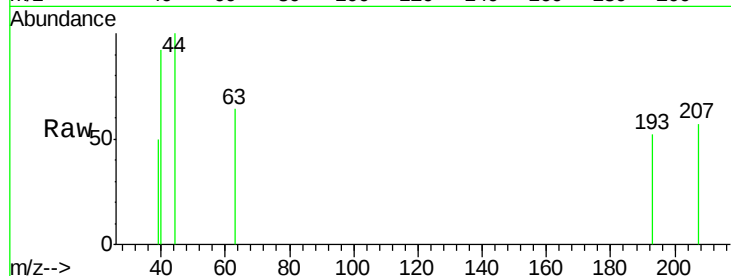




#58
 2-Chloroethyl Vinyl ether
 Concen: 13.193 ug/l
 RT: 9.94 min Scan# 1370
 Delta R.T. 0.01 min
 Lab File: VW003918.D
 Acq: 13 Jul 2018 00:25

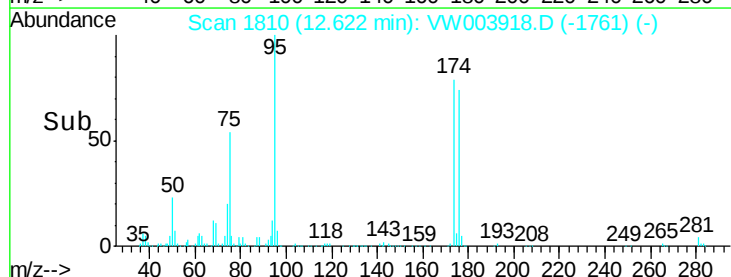
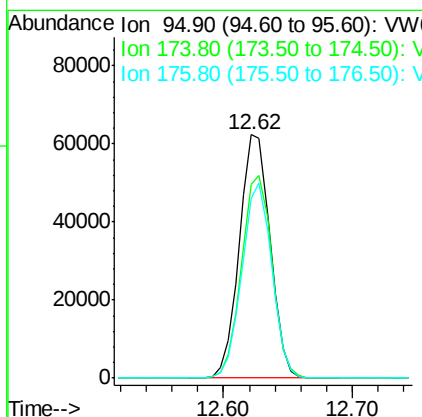
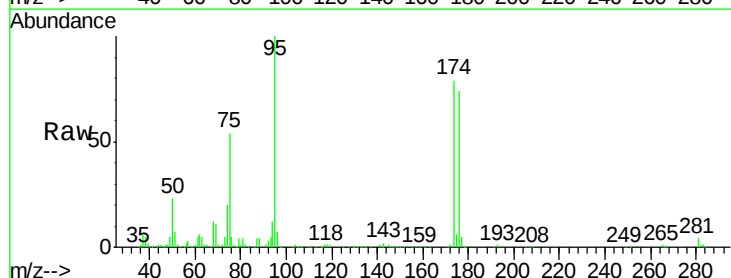
Instrument :
 MSVOA_W
 ClientSampleId :

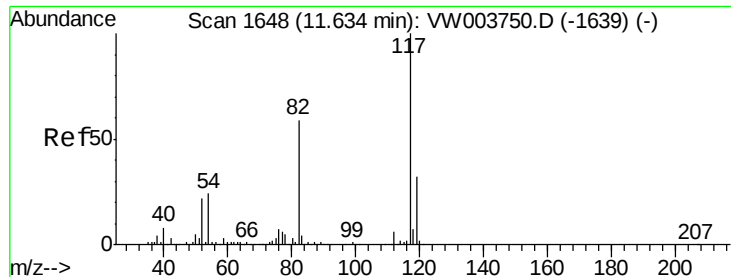
Tot Ion: 63 Resp: 27
 Ion Ratio Lower Upper
 63 100
 106 0.0 20.9 31.3#



#62
 4-Bromofluorobenzene
 Concen: 38.821 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW003918.D
 Acq: 13 Jul 2018 00:25

Tgt Ion: 95 Resp: 102873
 Ion Ratio Lower Upper
 95 100
 174 82.6 0.0 163.4
 176 77.8 0.0 156.8

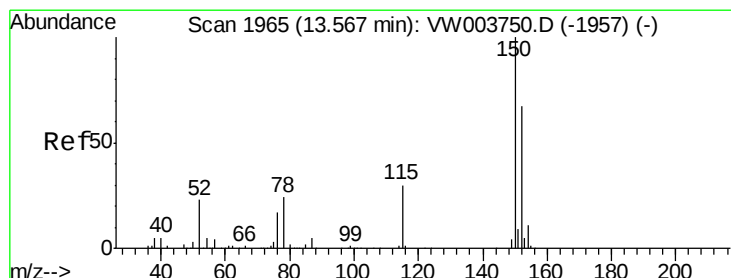
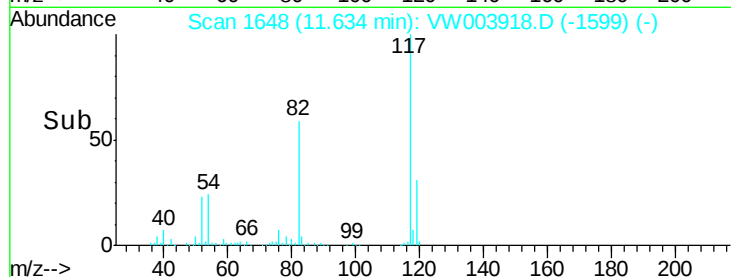
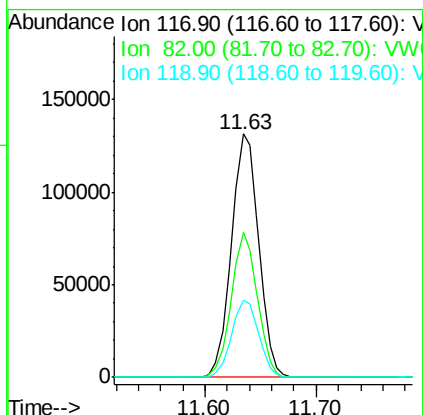
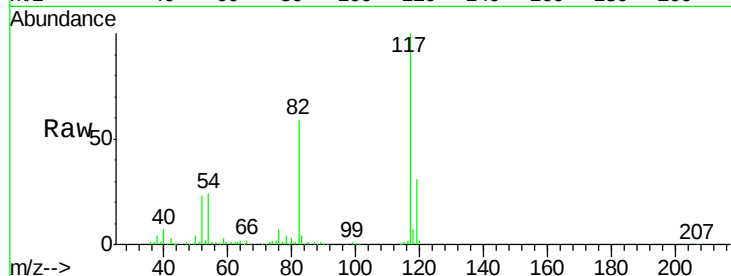




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003918.D
Acq: 13 Jul 2018 00:25

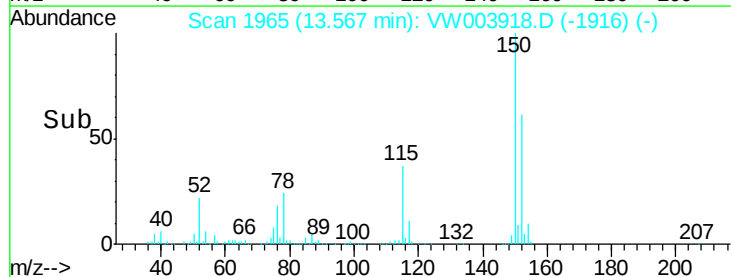
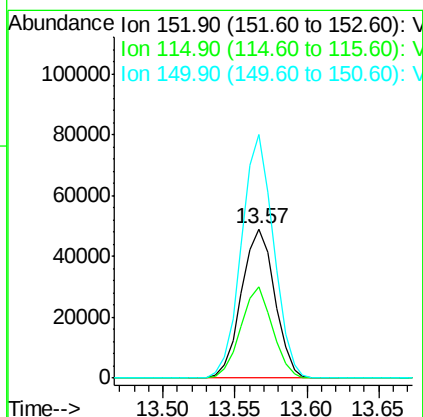
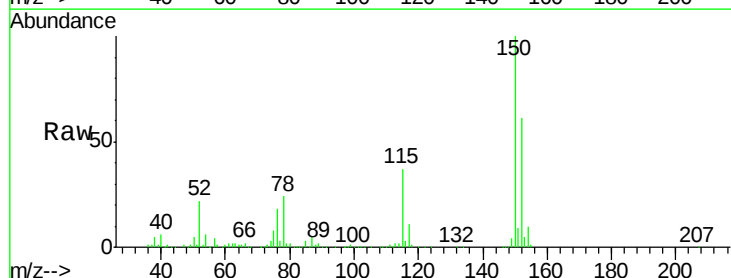
Instrument :
MSVOA_W
ClientSampleId :

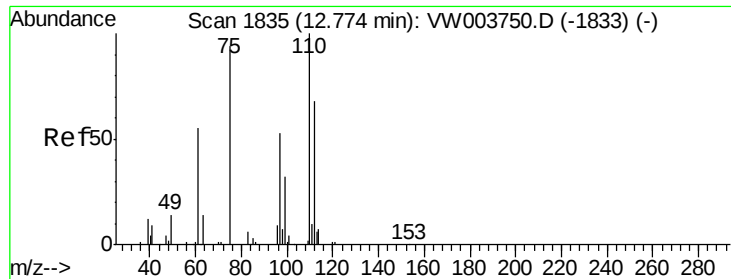
Tot Ion:117 Resp: 221645
Ion Ratio Lower Upper
117 100
82 59.4 46.9 70.3
119 31.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003918.D
Acq: 13 Jul 2018 00:25

Tgt Ion:152 Resp: 78549
Ion Ratio Lower Upper
152 100
115 58.6 28.9 86.8
150 157.7 0.0 342.4





#76

1,2,3-Trichloropropane

Concen: 72.269 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003918.D

Acq: 13 Jul 2018 00:25

Instrument :

MSVOA_W

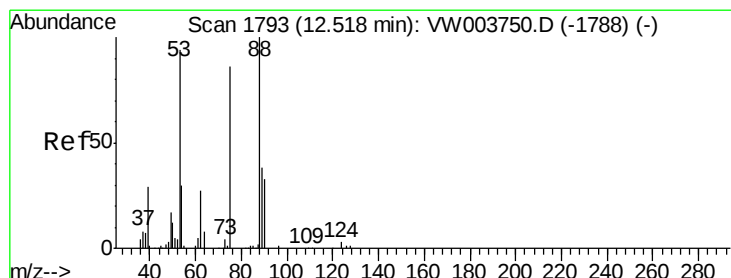
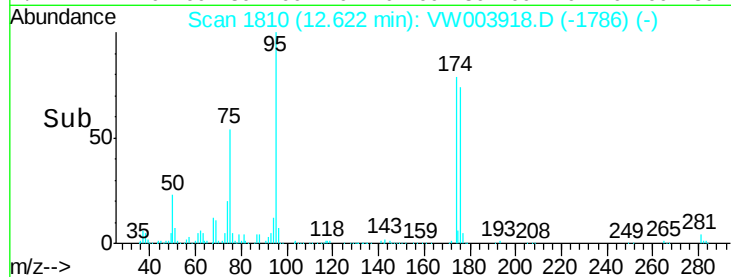
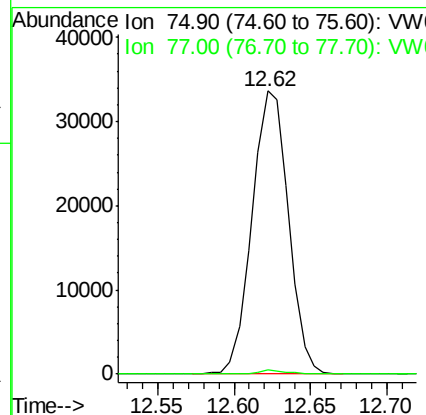
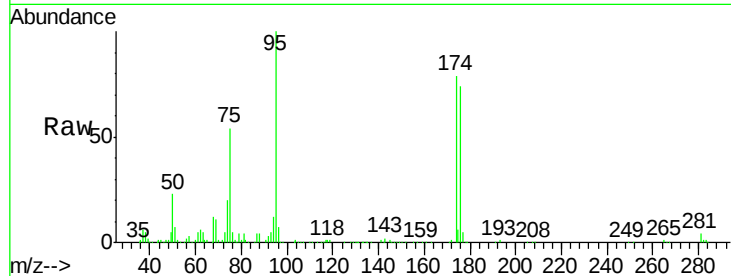
ClientSampleId :

Tot Ion: 75 Resp: 55744

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 176.788 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003918.D

Acq: 13 Jul 2018 00:25

Tgt Ion: 75 Resp: 55744

Ion Ratio Lower Upper

75 100

53 0.2 85.0 127.6#

89 0.0 36.3 54.5#

