

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071218\
 Data File : VW003907.D
 Acq On : 12 Jul 2018 19:41
 Operator : SY/AP
 Sample : J3825-09
 Misc : 5.39G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 13 05:55:39 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	165640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	280426	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	234359	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	85977	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	117337	54.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.34%	
35) Dibromofluoromethane	7.88	113	100712	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
50) Toluene-d8	10.33	98	325409	43.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.68%	
62) 4-Bromofluorobenzene	12.62	95	91457	33.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.34%	

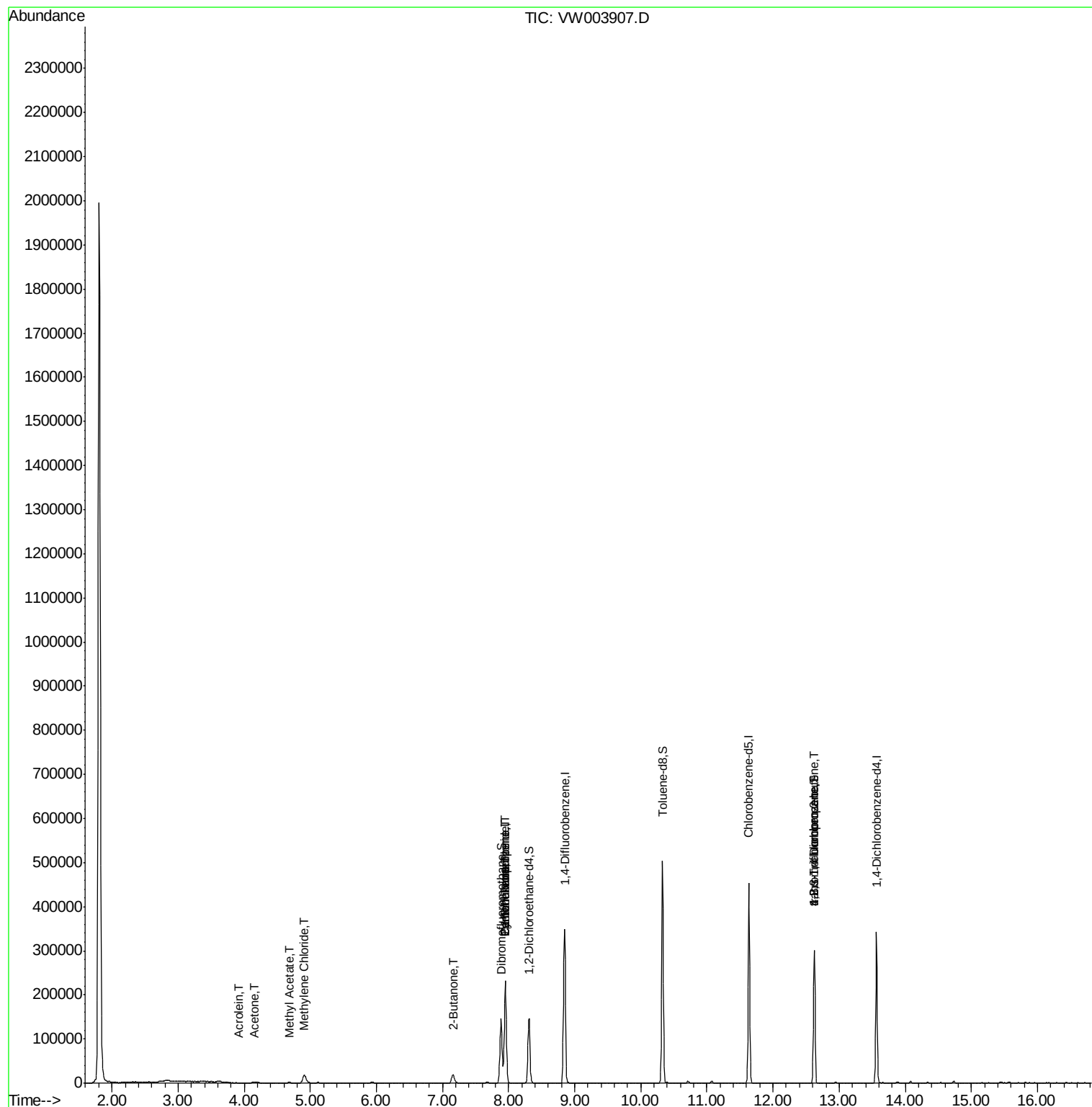
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.92	56	23	4.858	ug/l #	14
16) Acetone	4.15	43	3903	10.385	ug/l	92
18) Methyl Acetate	4.67	43	2307	2.177	ug/l	100
20) Methylene Chloride	4.90	84	15140	4.255	ug/l	90
25) 2-Butanone	7.16	43	1194	2.028	ug/l #	51
31) Cyclohexane	7.95	56	4469	1.414	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	14463	4.861	ug/l #	50
38) Carbon Tetrachloride	7.95	117	16352	5.780	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	49123	58.183	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	49123	142.330	ug/l #	8

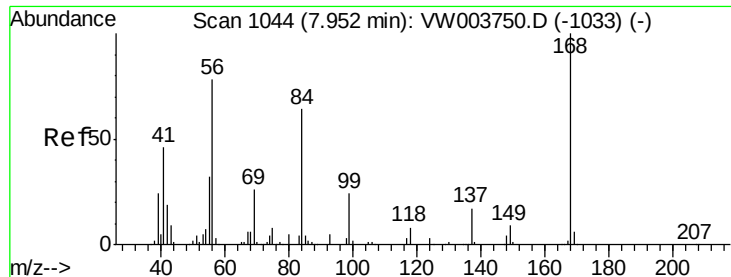
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW003907.D

Acq: 12 Jul 2018 19:41

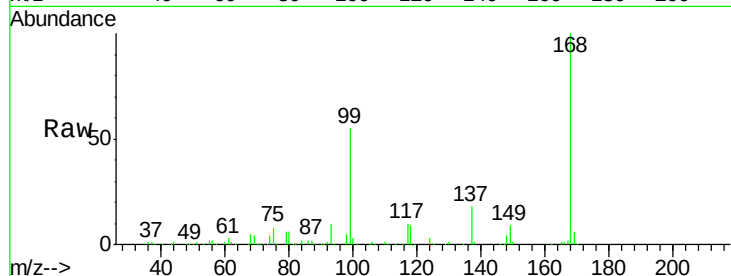
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 165640

Ion Ratio Lower Upper

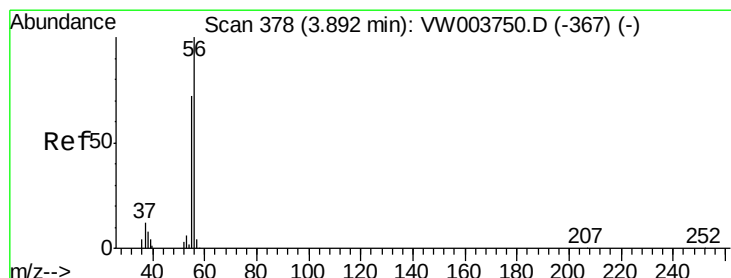
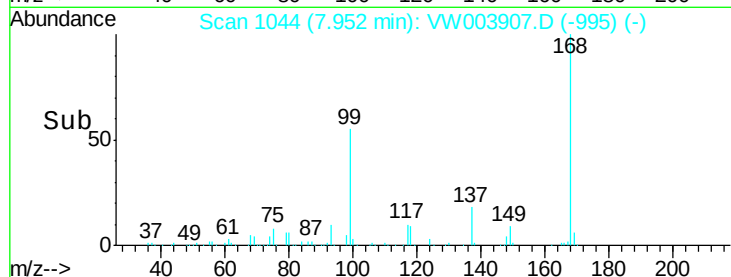
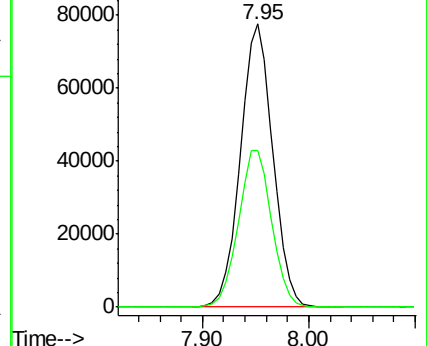
168 100

99 55.2 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#13

Acrolein

Concen: 4.858 ug/l

RT: 3.92 min Scan# 382

Delta R.T. 0.03 min

Lab File: VW003907.D

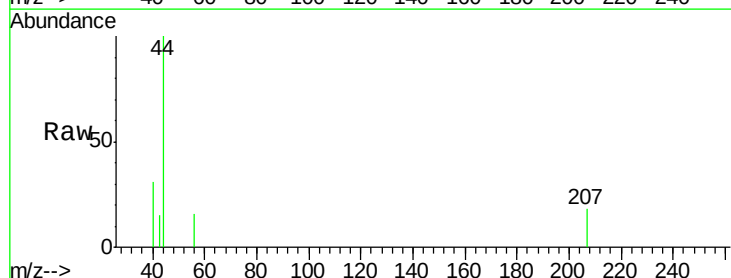
Acq: 12 Jul 2018 19:41

Tgt Ion: 56 Resp: 23

Ion Ratio Lower Upper

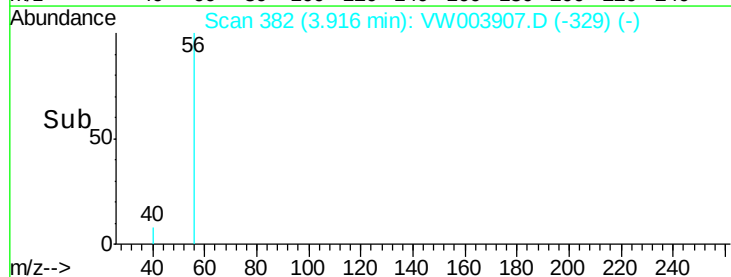
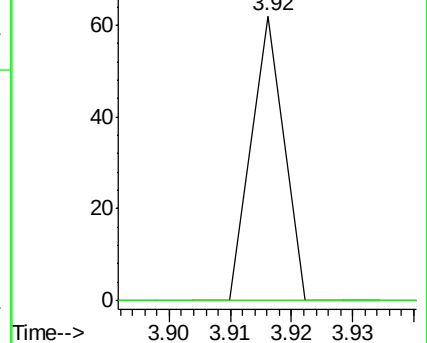
56 100

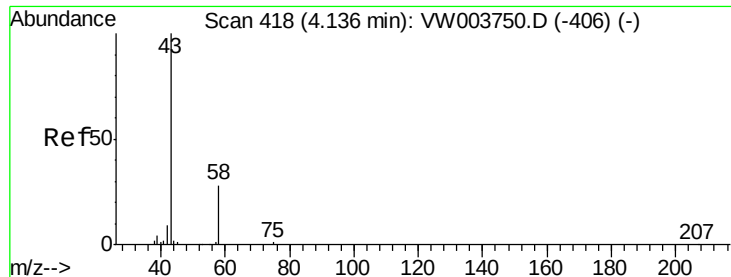
55 0.0 57.5 86.3#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW





#16

Acetone

Concen: 10.385 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.01 min

Lab File: VW003907.D

Acq: 12 Jul 2018 19:41

Instrument :

MSVOA_W

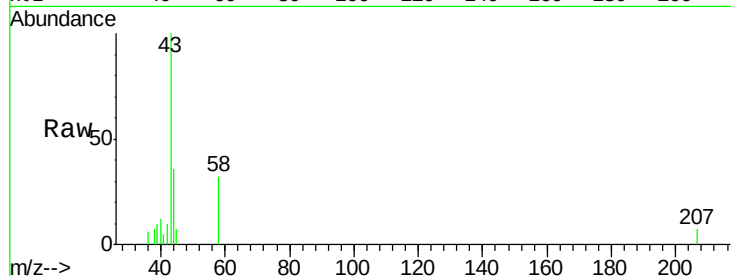
ClientSampled :

Tot Ion: 43 Resp: 3903

Ion Ratio Lower Upper

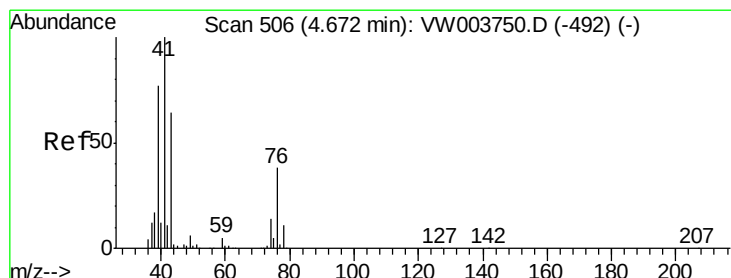
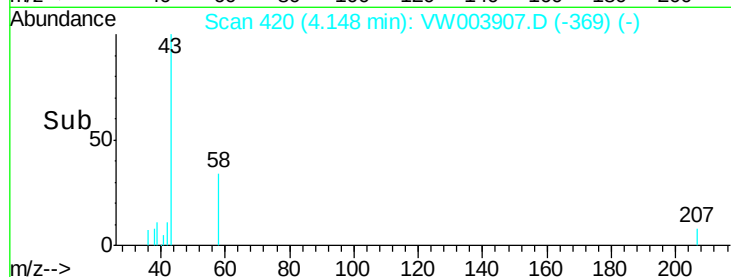
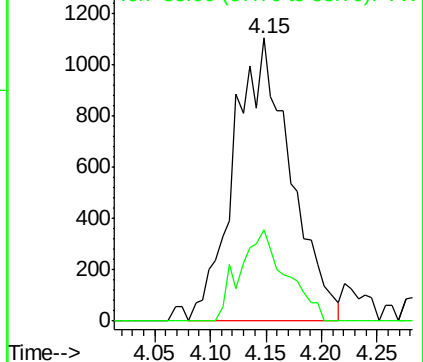
43 100

58 32.4 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#18

Methyl Acetate

Concen: 2.177 ug/l

RT: 4.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: VW003907.D

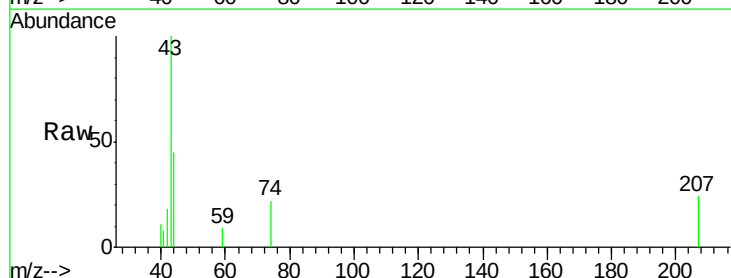
Acq: 12 Jul 2018 19:41

Tgt Ion: 43 Resp: 2307

Ion Ratio Lower Upper

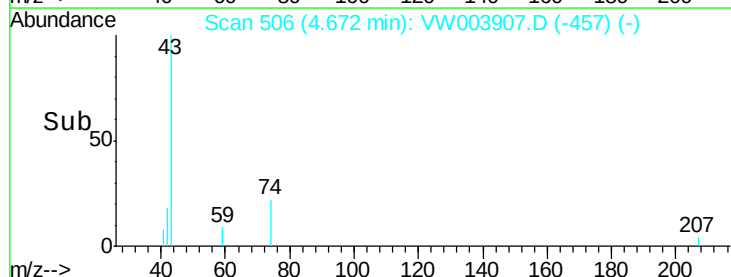
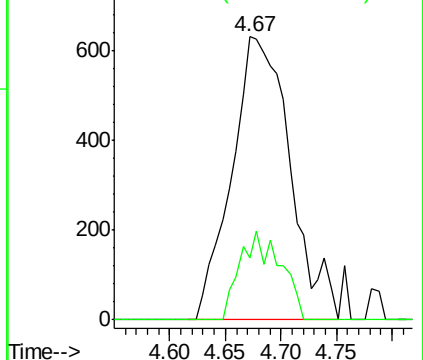
43 100

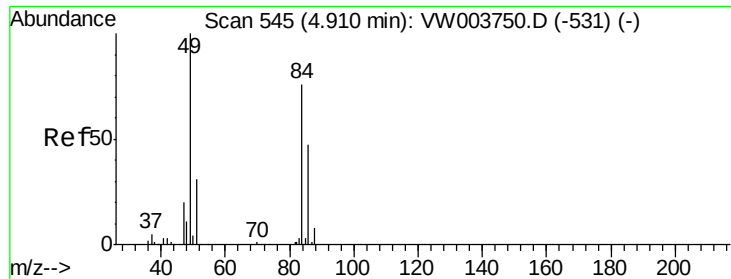
74 21.5 17.3 25.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

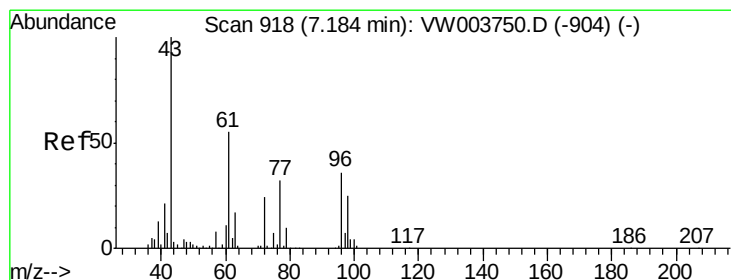
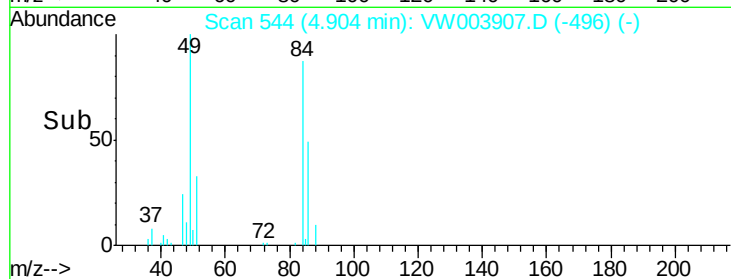
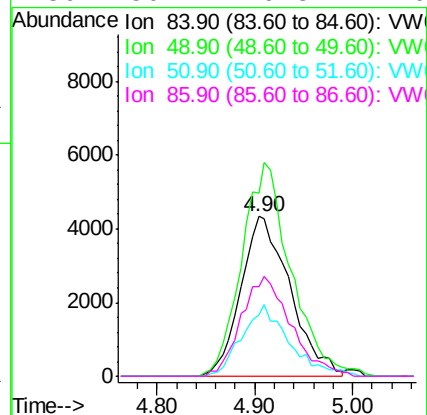
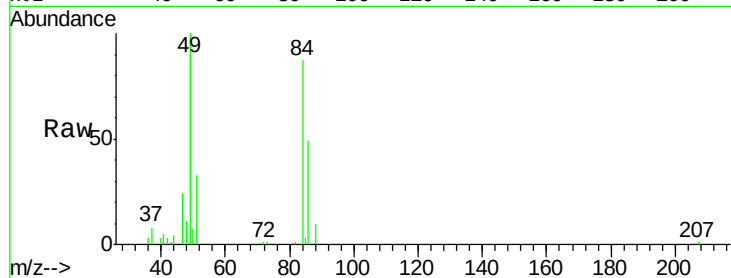




#20
Methvlene Chloride
Concen: 4.255 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003907.D
Acq: 12 Jul 2018 19:41

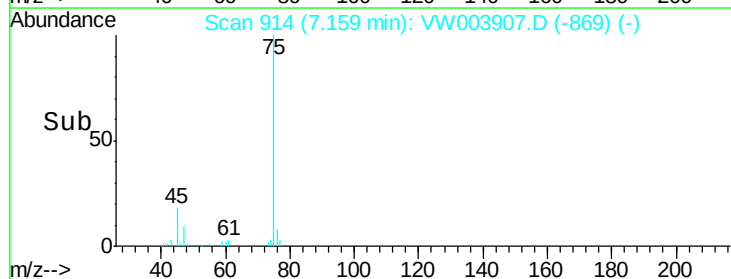
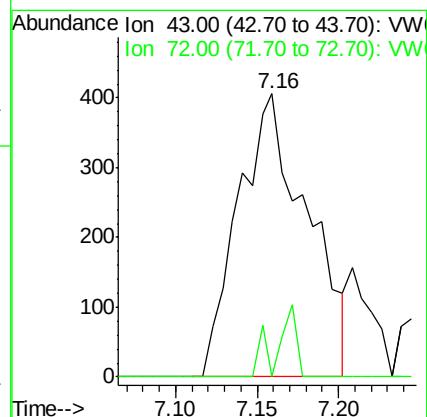
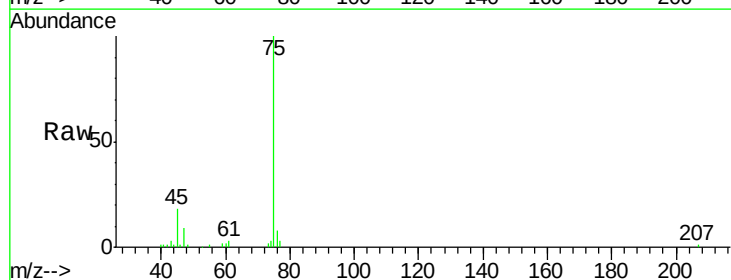
Instrument :
MSVOA_W
ClientSampleId :

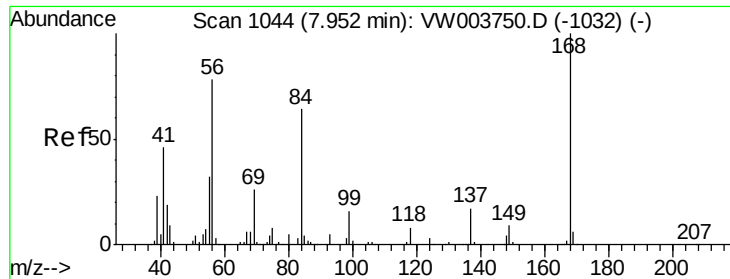
Tot Ion	84	Resp	15140
Ion	Ratio	Lower	Upper
84	100		
49	115.2	105.1	157.7
51	38.3	32.5	48.7
86	56.1	49.8	74.6



#25
2-Butanone
Concen: 2.028 ug/l
RT: 7.16 min Scan# 914
Delta R.T. -0.02 min
Lab File: VW003907.D
Acq: 12 Jul 2018 19:41

Tgt Ion	43	Resp	1194
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#

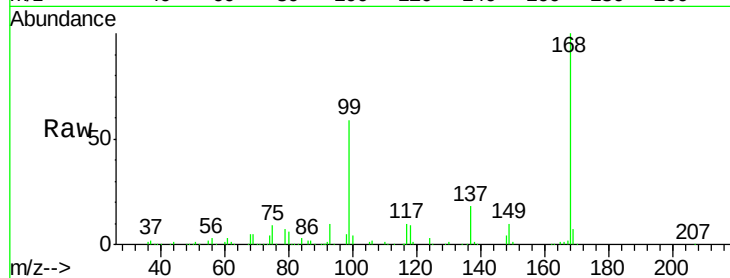




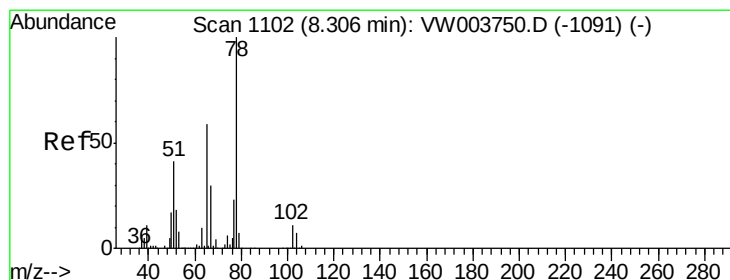
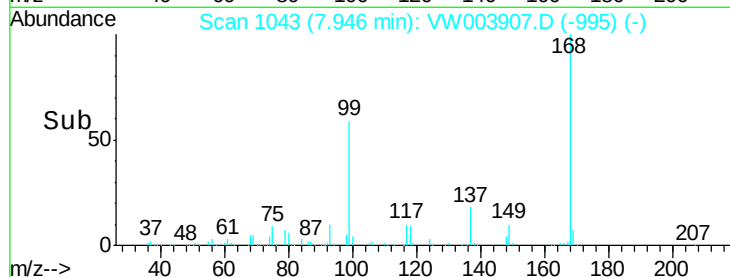
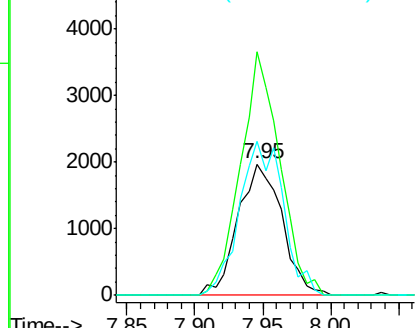
#31
Cyclohexane
Concen: 1.414 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW003907.D
Acq: 12 Jul 2018 19:41

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 4469
Ion Ratio Lower Upper
56 100
69 185.7 26.2 39.4#
84 117.0 65.5 98.3#

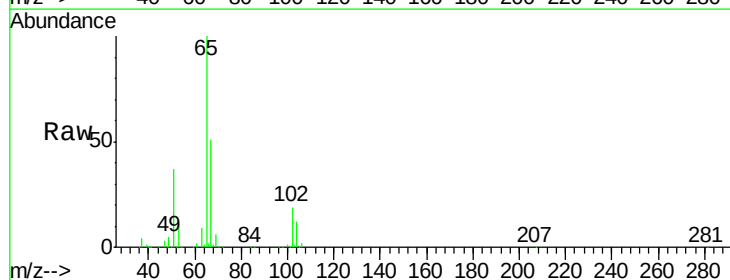


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

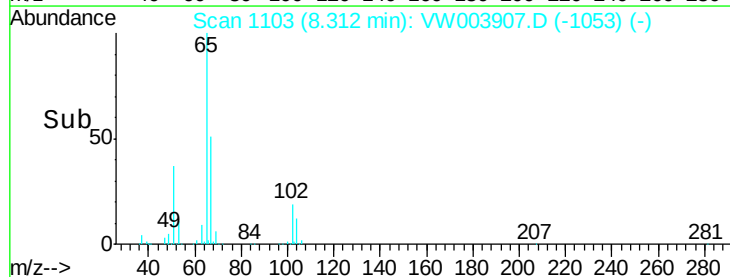
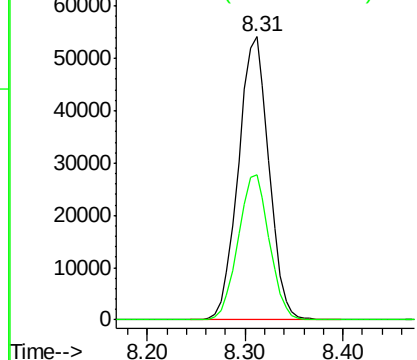


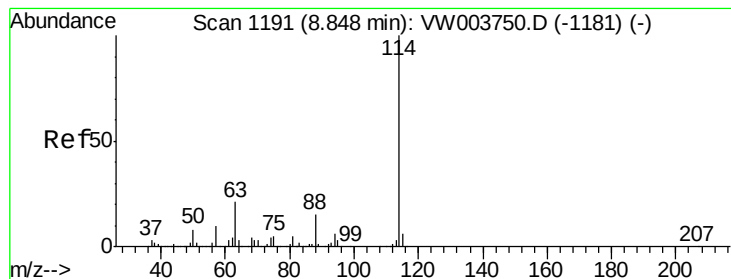
#33
1,2-Dichloroethane-d4
Concen: 54.169 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VW003907.D
Acq: 12 Jul 2018 19:41

Tgt Ion: 65 Resp: 117337
Ion Ratio Lower Upper
65 100
67 52.4 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: VW003907.D

Acq: 12 Jul 2018 19:41

Instrument :

MSVOA_W

ClientSampleId :

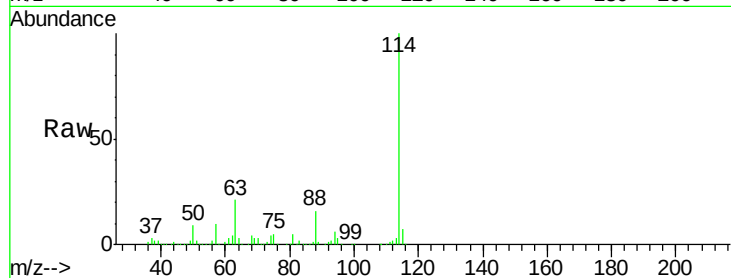
Tot Ion:114 Resp: 280426

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.8

88 15.8 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

8.85

150000

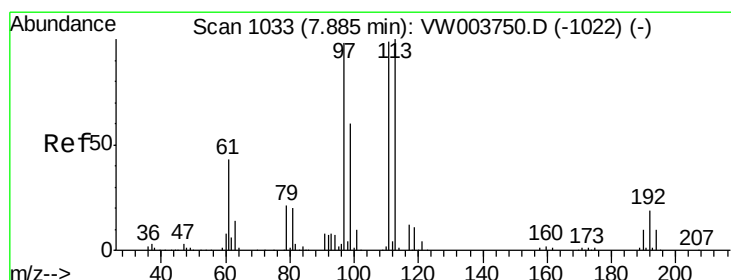
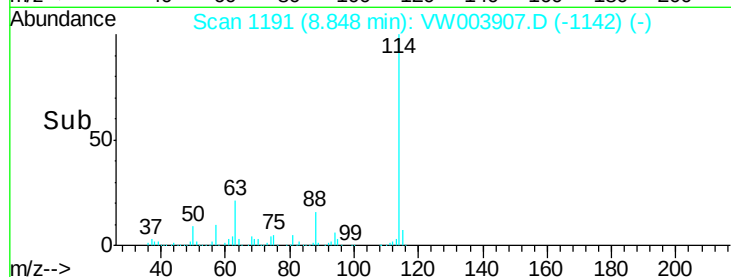
100000

50000

0

8.80 8.90 9.00

Time-->



#35

Dibromofluoromethane

Concen: 51.314 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW003907.D

Acq: 12 Jul 2018 19:41

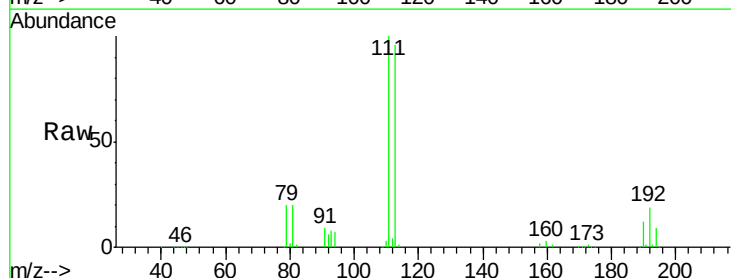
Tgt Ion:113 Resp: 100712

Ion Ratio Lower Upper

113 100

111 102.0 81.7 122.5

192 19.6 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

7.88

60000

50000

40000

30000

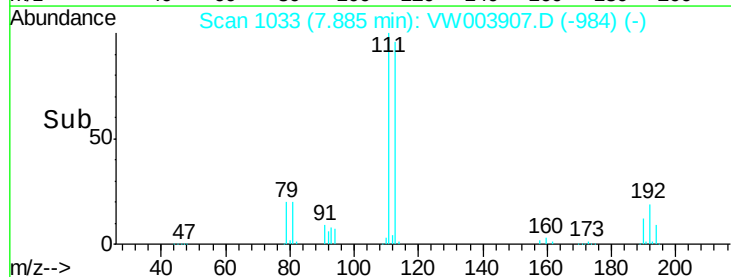
20000

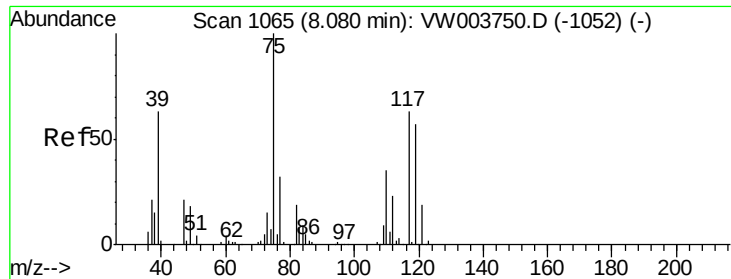
10000

0

7.80 7.90 8.00

Time-->

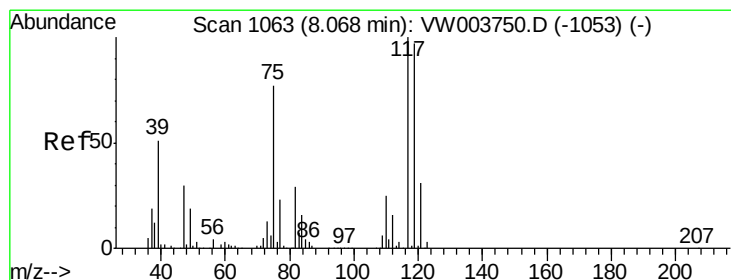
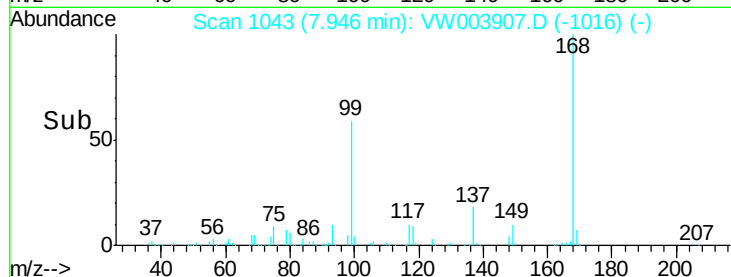
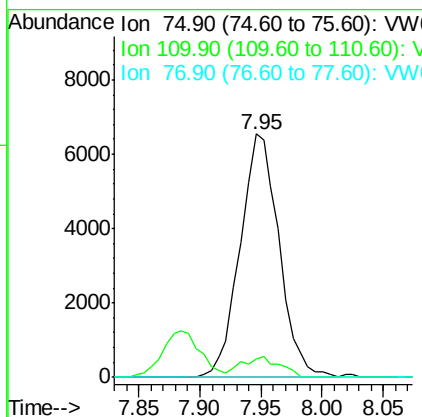
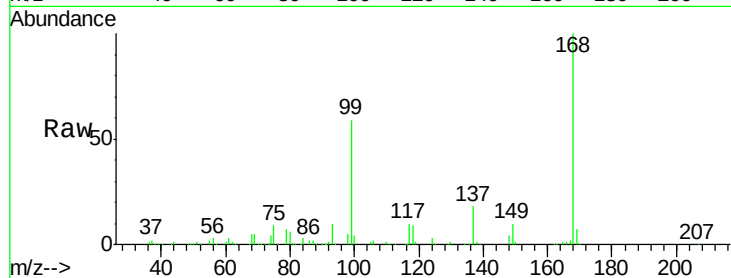




#36
 1,1-Dichloropropene
 Concen: 4.861 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW003907.D
 Acq: 12 Jul 2018 19:41

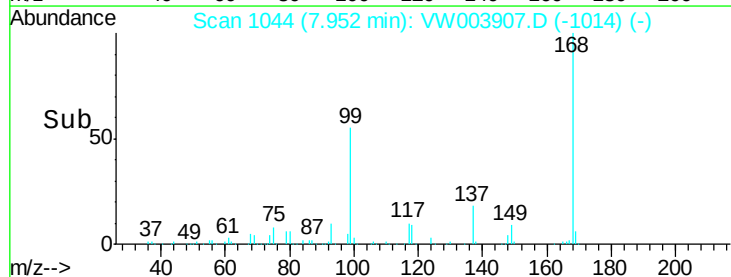
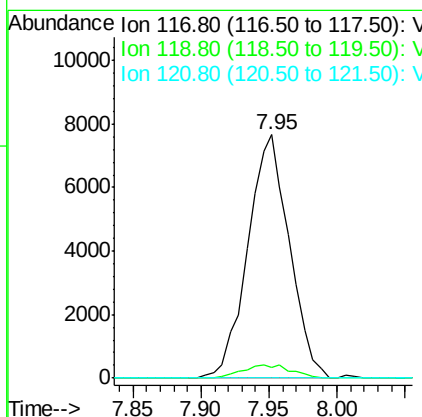
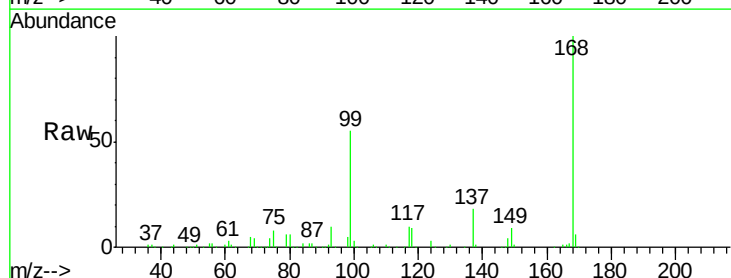
Instrument :
 MSVOA_W
 ClientSampleId :

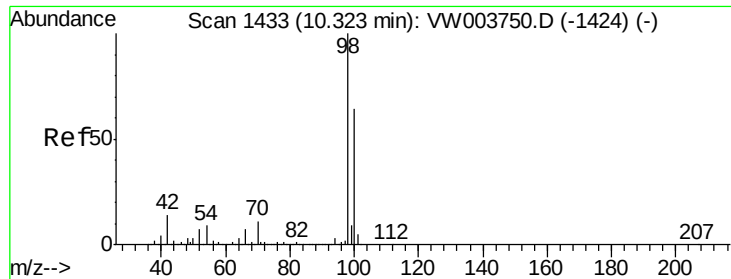
Tot Ion: 75 Resp: 14463
 Ion Ratio Lower Upper
 75 100
 110 8.2 16.9 50.6#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 5.780 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW003907.D
 Acq: 12 Jul 2018 19:41

Tgt Ion: 117 Resp: 16352
 Ion Ratio Lower Upper
 117 100
 119 4.3 77.4 116.2#
 121 0.0 24.6 37.0#





#50

Toluene-d8

Concen: 43.344 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003907.D

Acq: 12 Jul 2018 19:41

Instrument :

MSVOA_W

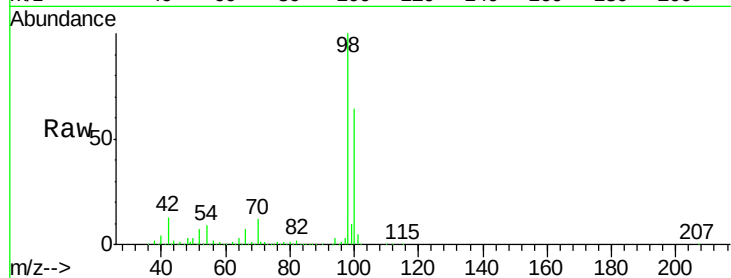
ClientSampleId :

Tot Ion: 98 Resp: 325409

Ion Ratio Lower Upper

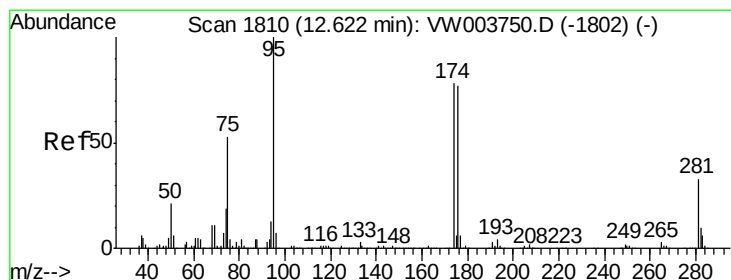
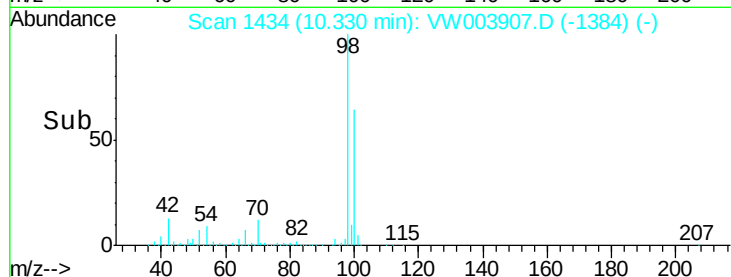
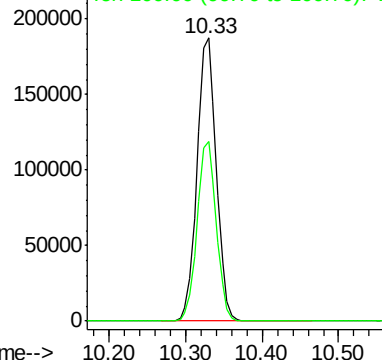
98 100

100 63.1 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 33.669 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003907.D

Acq: 12 Jul 2018 19:41

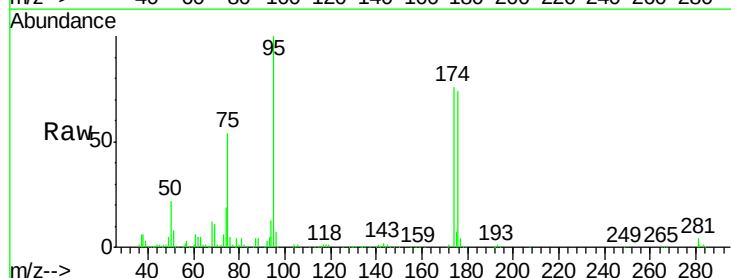
Tgt Ion: 95 Resp: 91457

Ion Ratio Lower Upper

95 100

174 81.3 0.0 163.4

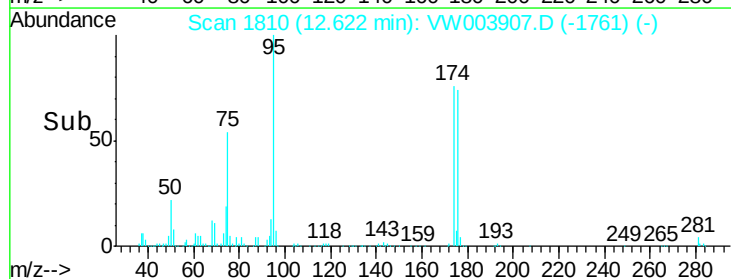
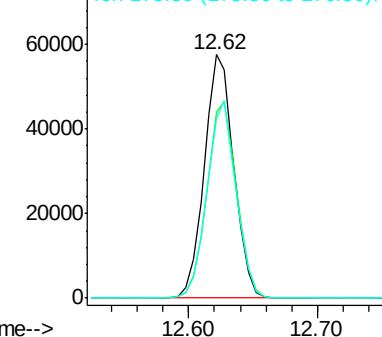
176 79.6 0.0 156.8

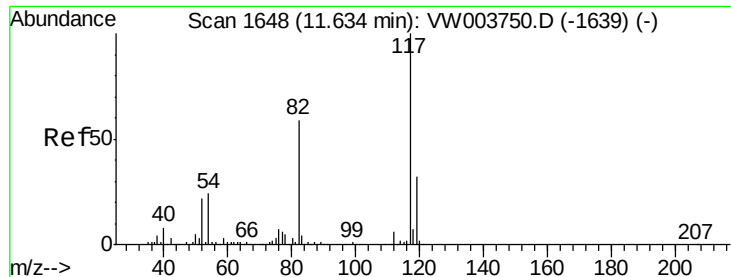


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

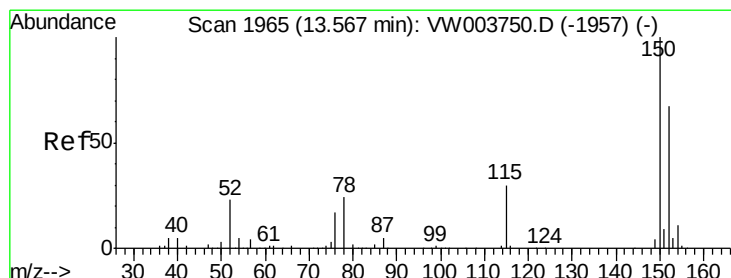
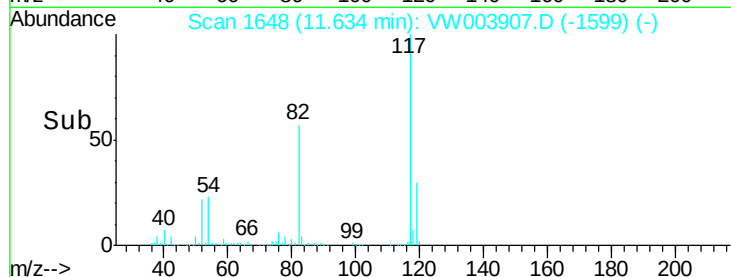
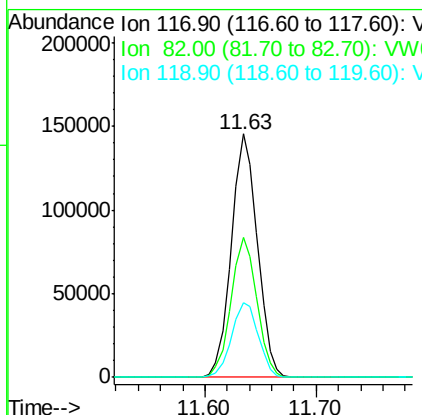
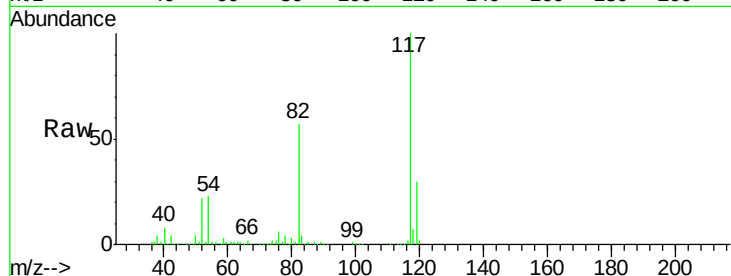




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003907.D
Acq: 12 Jul 2018 19:41

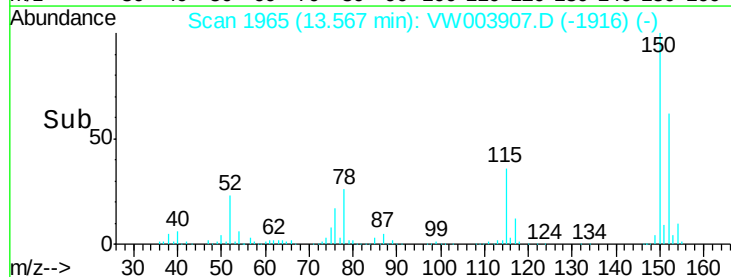
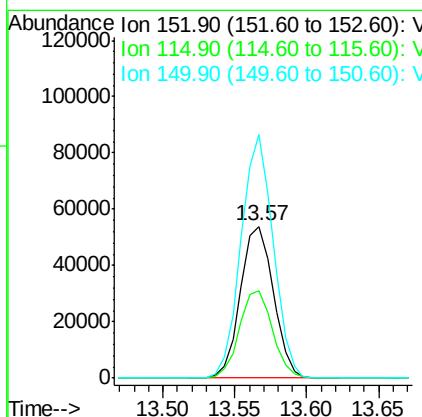
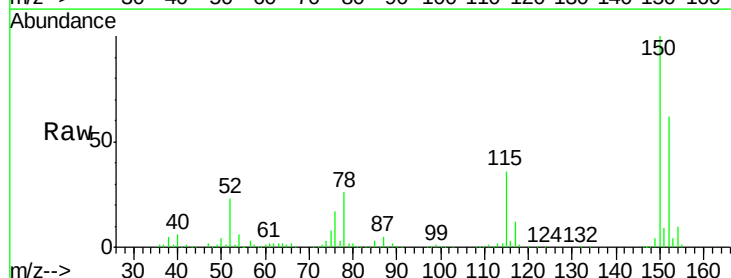
Instrument :
MSVOA_W
ClientSampleId :

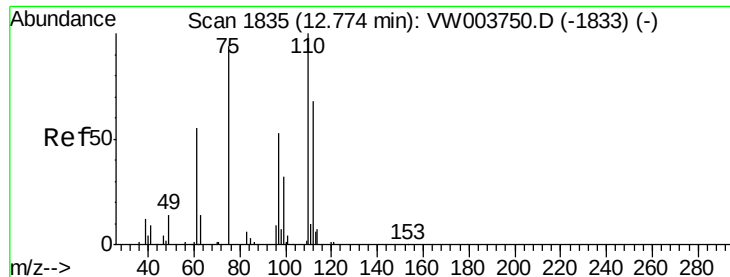
Tot Ion	Ratio	Lower	Upper
117	100		
82	57.4	46.9	70.3
119	30.5	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003907.D
Acq: 12 Jul 2018 19:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.3	28.9	86.8
150	155.1	0.0	342.4





#76

1,2,3-Trichloropropane

Concen: 58.183 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003907.D

Acq: 12 Jul 2018 19:41

Instrument :

MSVOA_W

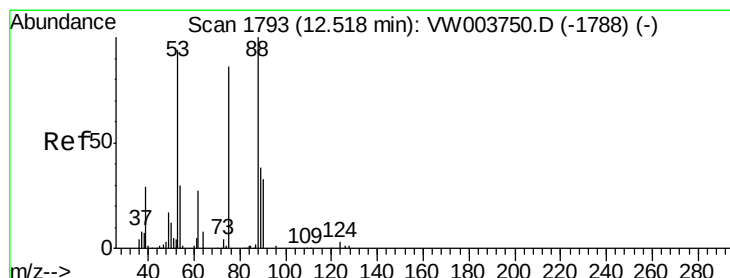
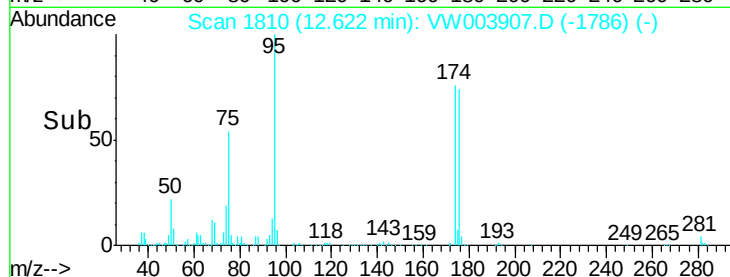
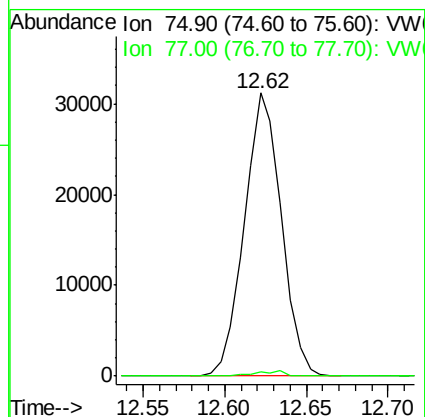
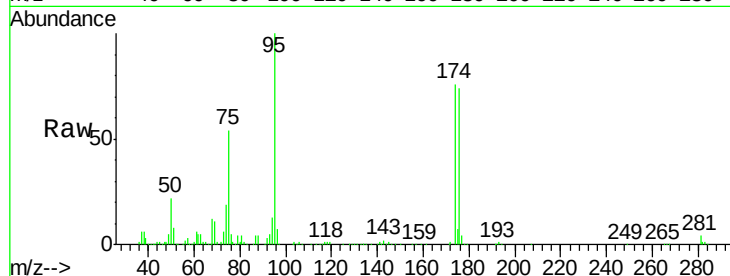
ClientSampleId :

Tot Ion: 75 Resp: 49123

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 142.330 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003907.D

Acq: 12 Jul 2018 19:41

Tgt Ion: 75 Resp: 49123

Ion Ratio Lower Upper

75 100

53 0.3 85.0 127.6#

89 0.0 36.3 54.5#

