

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072618\
 Data File : VW004216.D
 Acq On : 26 Jul 2018 01:57
 Operator : SY/AP
 Sample : J4095-02
 Misc : 10.55G/5ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CON-SB-07-0-2

Quant Time: Jul 26 05:14:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	173031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	296178	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	218127	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	67498	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	3381	1.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	3.50%	
35) Dibromofluoromethane	7.88	113	2505	1.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.64%	
50) Toluene-d8	10.32	98	6757	0.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.84%	
62) 4-Bromofluorobenzene	12.63	95	2181	0.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.64%	

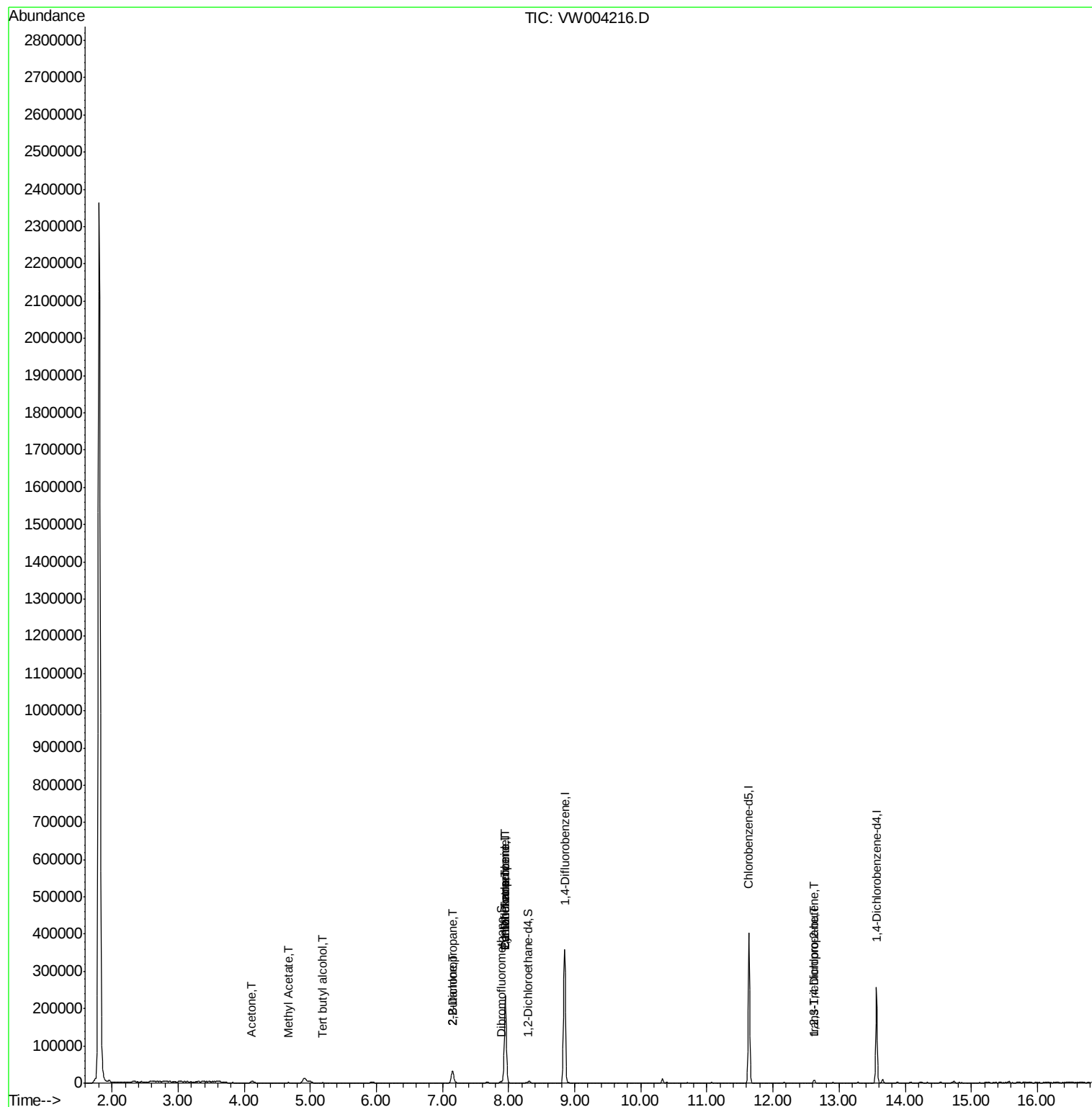
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.19	59	1185	8.875	ug/l #	77
16) Acetone	4.12	43	8483	18.252	ug/l	93
18) Methyl Acetate	4.67	43	1775	1.591	ug/l	95
20) Methylene Chloride	4.91	84	12124	Below Cal		98
25) 2-Butanone	7.15	43	2403	3.842	ug/l #	67
26) 2,2-Dichloropropane	7.15	77	2121	1.079	ug/l #	52
31) Cyclohexane	7.95	56	3864	1.204	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	14604	4.793	ug/l #	49
38) Carbon Tetrachloride	7.95	117	17444	6.127	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	1094	1.633	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	1094	3.611	ug/l #	11

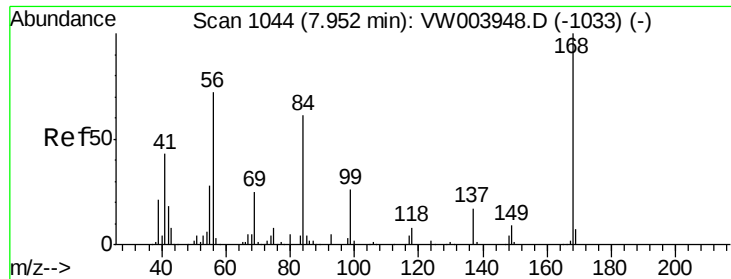
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072618\
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Quant Title : SW846 8260
QLast Update : Mon Jul 16 15:06:12 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: VW004216.D

Acq: 26 Jul 2018 01:57

Instrument :

MSVOA_W

ClientSampleId :

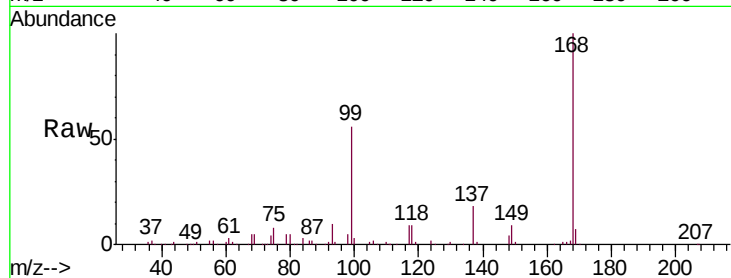
CON-SB-07-0-2

Tgt Ion:168 Resp: 173031

Ion Ratio Lower Upper

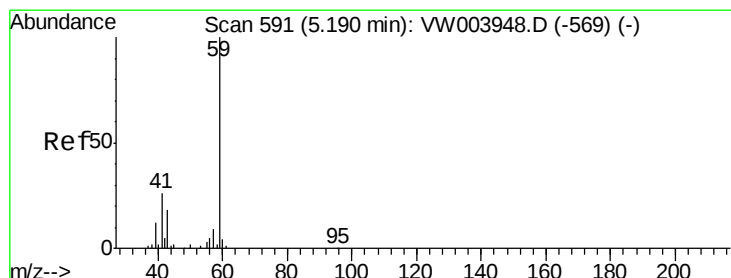
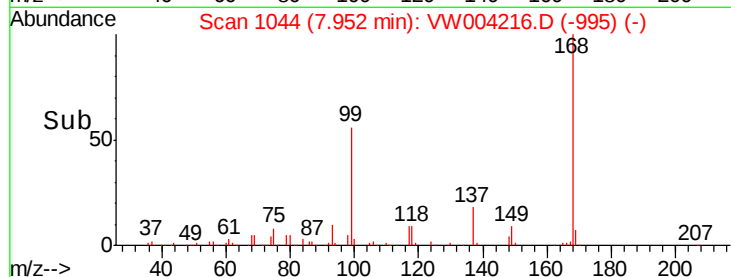
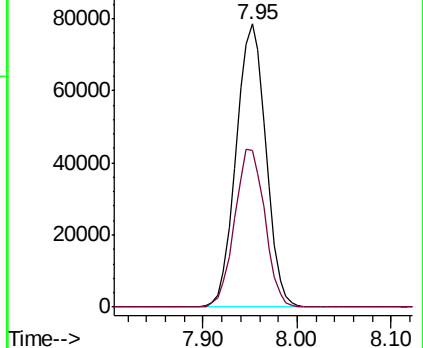
168 100

99 55.6 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 8.875 ug/l

RT: 5.19 min Scan# 591

Delta R.T. 0.00 min

Lab File: VW004216.D

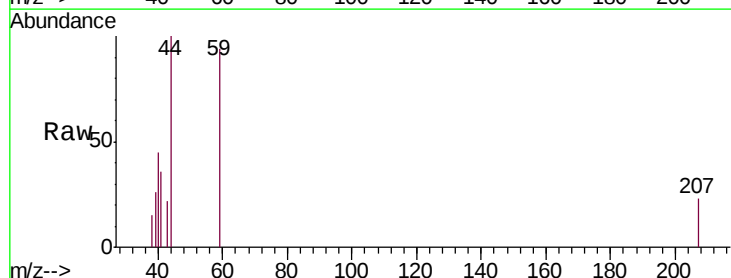
Acq: 26 Jul 2018 01:57

Tgt Ion: 59 Resp: 1185

Ion Ratio Lower Upper

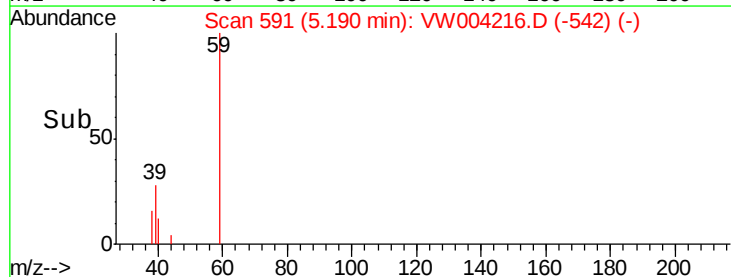
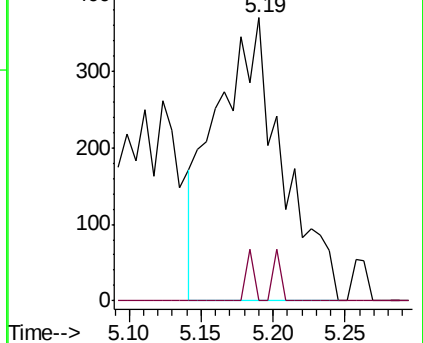
59 100

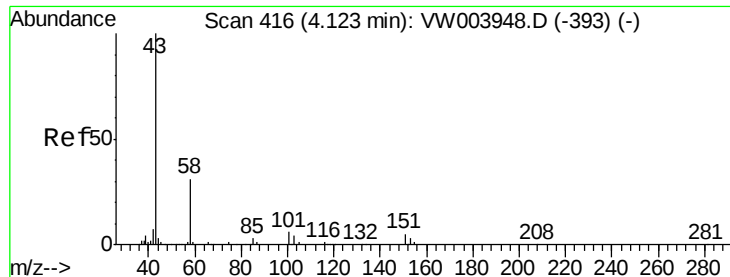
57 2.1 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 18.252 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.00 min

Lab File: VW004216.D

Acq: 26 Jul 2018 01:57

Instrument :

MSVOA_W

ClientSampleId :

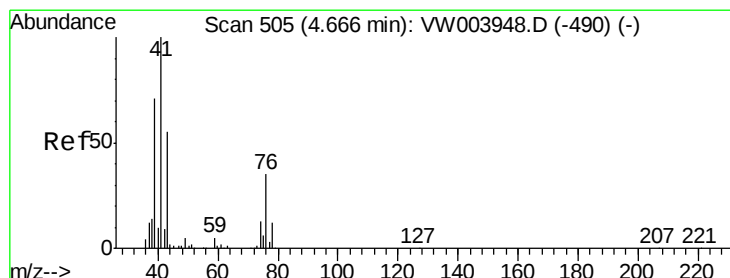
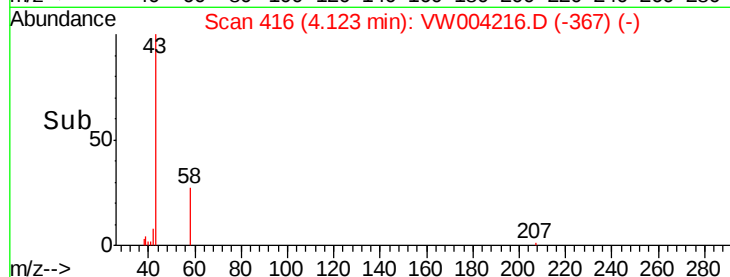
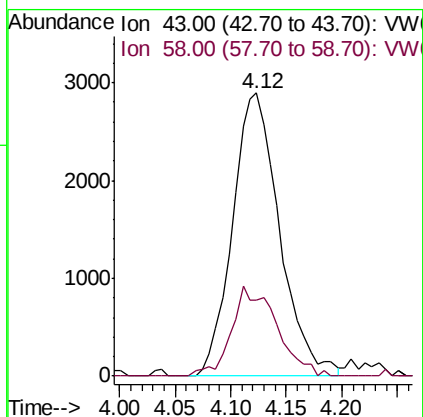
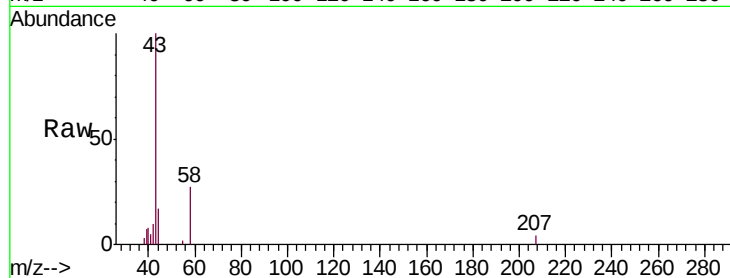
CON-SB-07-0-2

Tgt Ion: 43 Resp: 8483

Ion Ratio Lower Upper

43 100

58 27.0 24.5 36.7



#18

Methyl Acetate

Concen: 1.591 ug/l

RT: 4.67 min Scan# 506

Delta R.T. 0.01 min

Lab File: VW004216.D

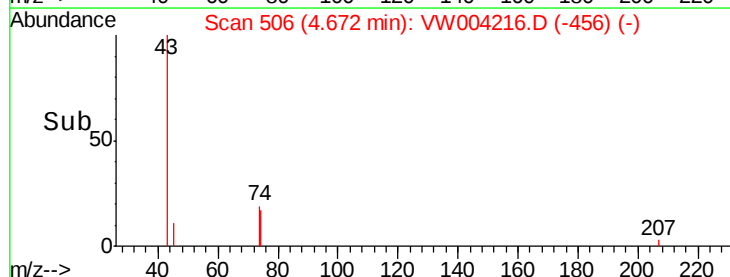
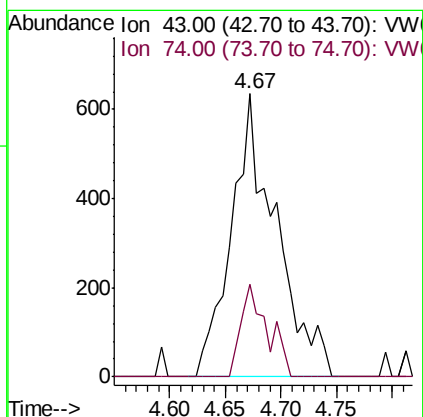
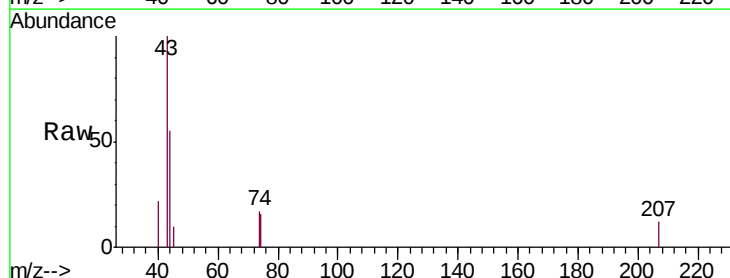
Acq: 26 Jul 2018 01:57

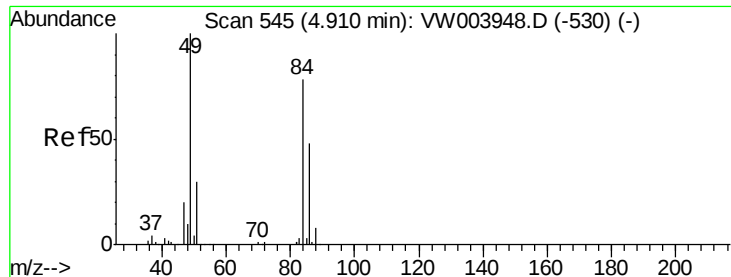
Tgt Ion: 43 Resp: 1775

Ion Ratio Lower Upper

43 100

74 19.6 17.7 26.5

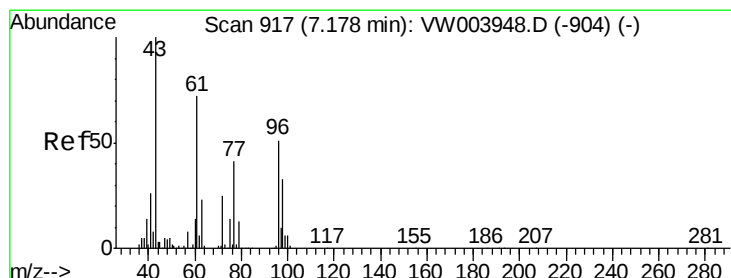
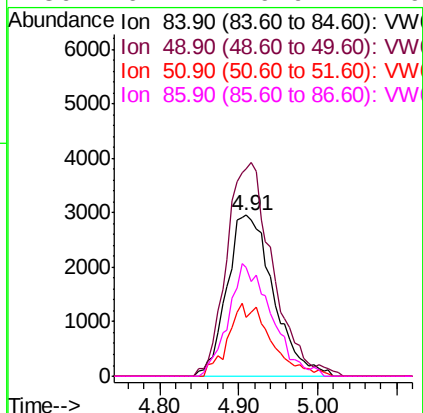
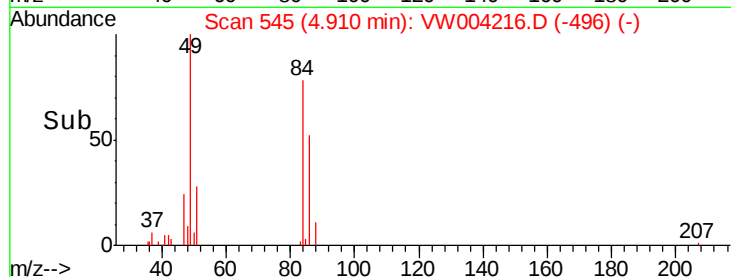
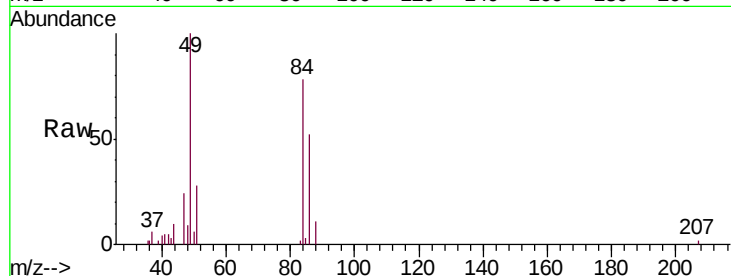




#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004216.D
Acq: 26 Jul 2018 01:57

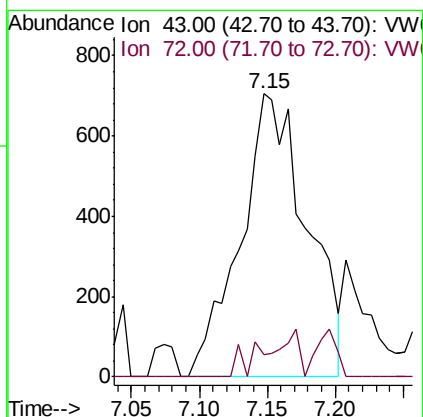
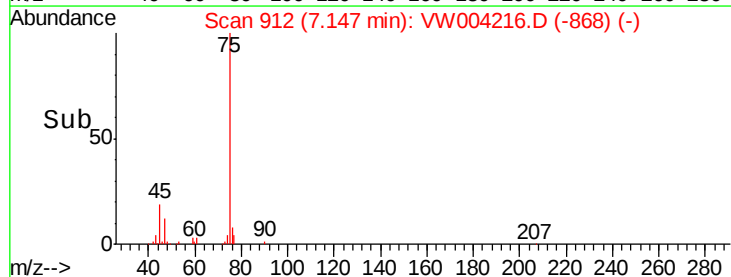
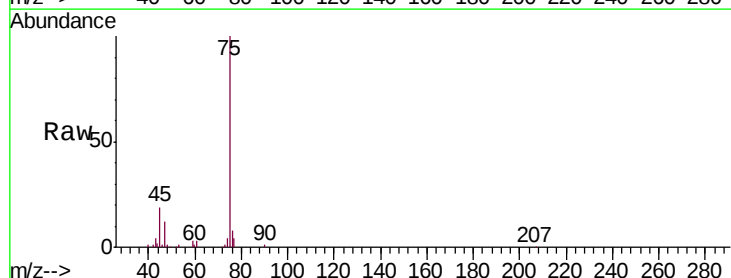
Instrument :
MSVOA_W
ClientSampleId :
CON-SB-07-0-2

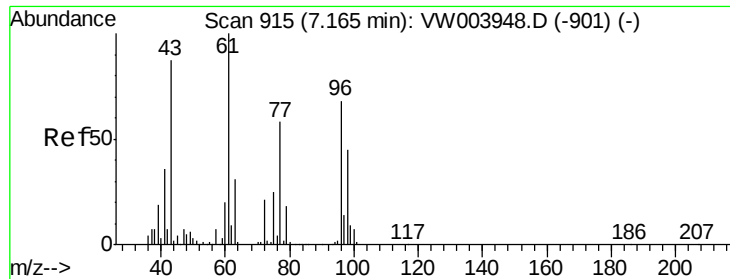
Tgt Ion: 84 Resp: 12124
Ion Ratio Lower Upper
84 100
49 128.9 102.9 154.3
51 36.7 30.9 46.3
86 67.4 49.9 74.9



#25
2-Butanone
Concen: 3.842 ug/l
RT: 7.15 min Scan# 912
Delta R.T. -0.03 min
Lab File: VW004216.D
Acq: 26 Jul 2018 01:57

Tgt Ion: 43 Resp: 2403
Ion Ratio Lower Upper
43 100
72 8.1 19.8 29.6#





#26

2,2-Dichloropropane

Concen: 1.079 ug/l

RT: 7.15 min Scan# 913

Delta R.T. -0.01 min

Lab File: VW004216.D

Acq: 26 Jul 2018 01:57

Instrument :

MSVOA_W

ClientSampleId :

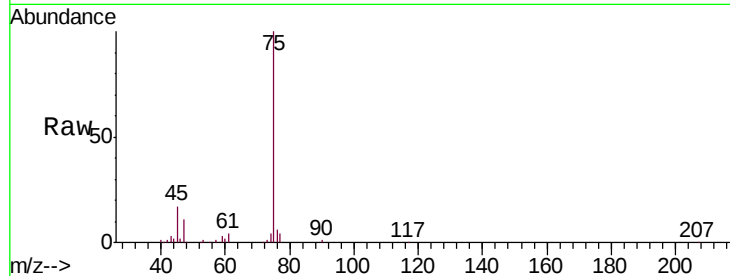
CON-SB-07-0-2

Tgt Ion: 77 Resp: 2121

Ion Ratio Lower Upper

77 100

97 0.0 11.8 35.3#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW

7.15

800

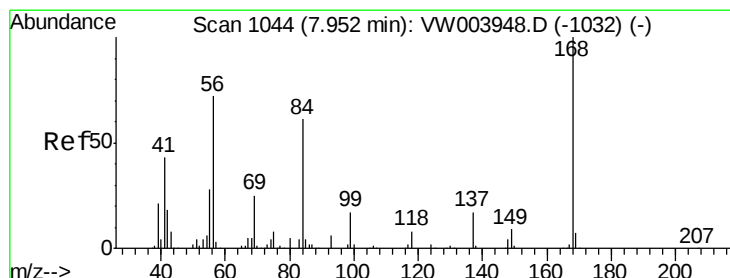
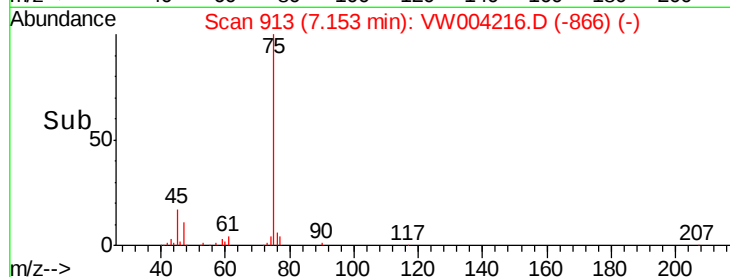
600

400

200

0

Time-->



#31

Cyclohexane

Concen: 1.204 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW004216.D

Acq: 26 Jul 2018 01:57

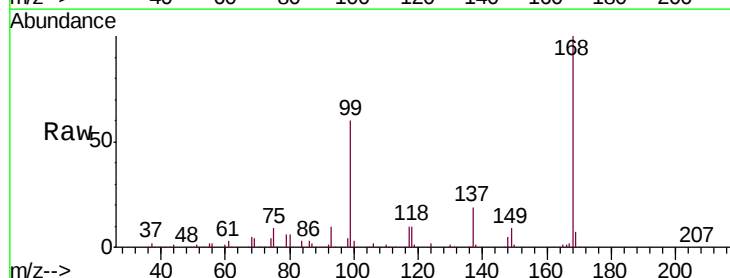
Tgt Ion: 56 Resp: 3864

Ion Ratio Lower Upper

56 100

69 166.9 27.8 41.8#

84 139.8 67.2 100.8#



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

5000

4000

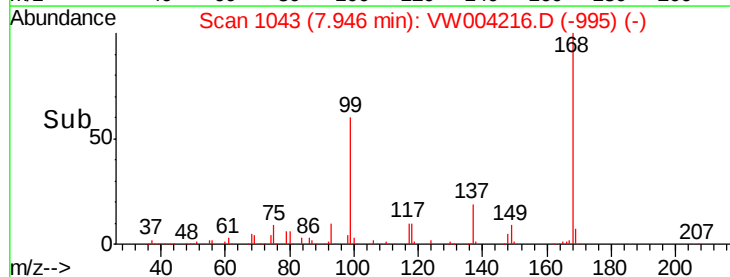
3000

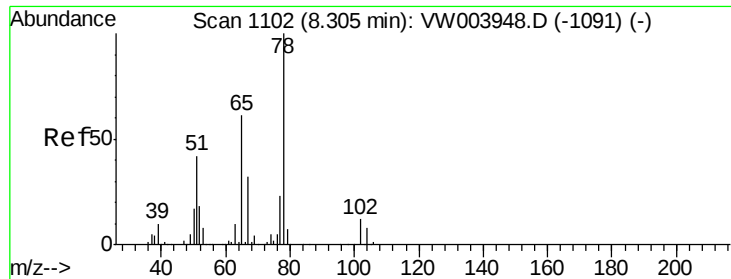
2000

1000

0

Time-->

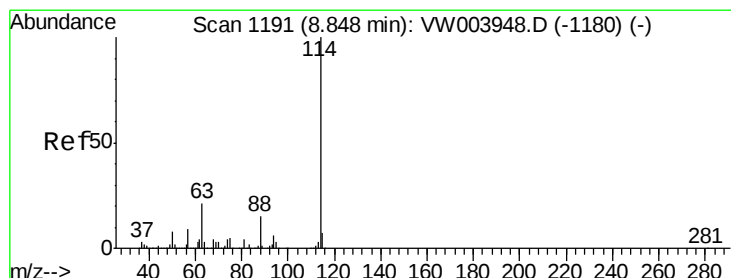
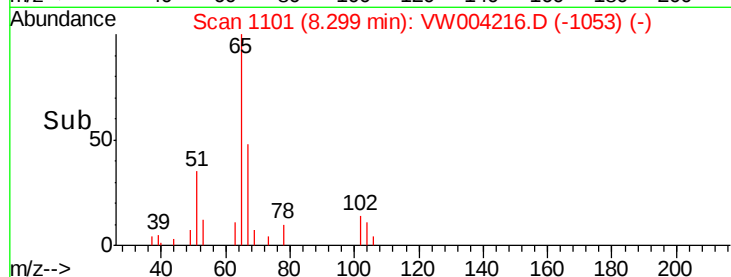
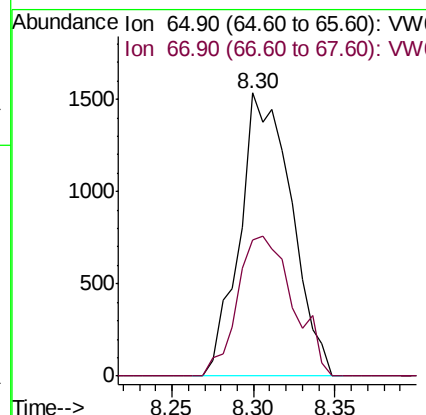
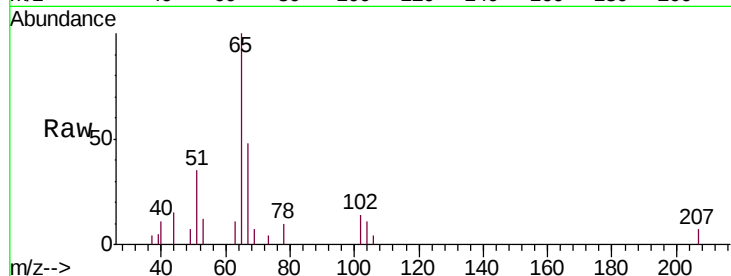




#33
 1,2-Dichloroethane-d4
 Concen: 1.748 ug/l
 RT: 8.30 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: VW004216.D
 Acq: 26 Jul 2018 01:57

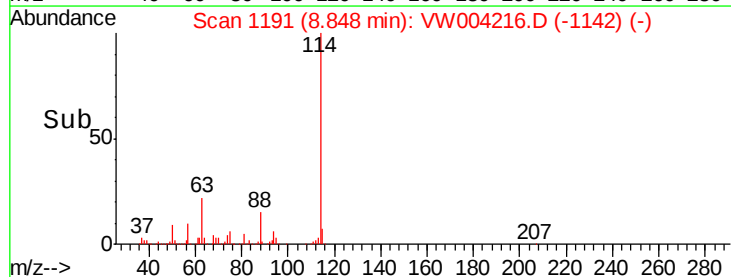
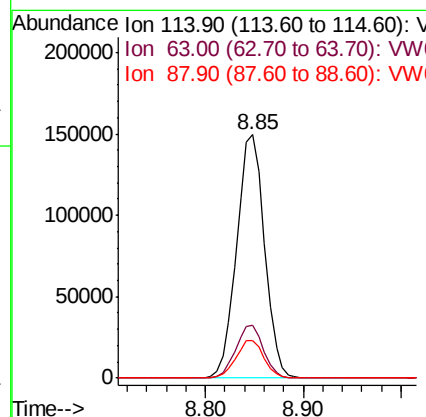
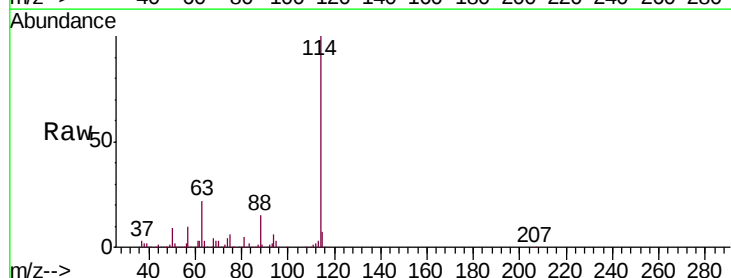
Instrument :
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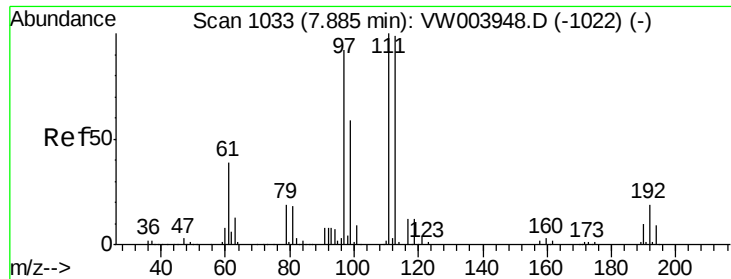
Tgt Ion: 65 Resp: 3381
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004216.D
 Acq: 26 Jul 2018 01:57

Tgt Ion: 114 Resp: 296178
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 42.8
 88 15.5 0.0 30.4

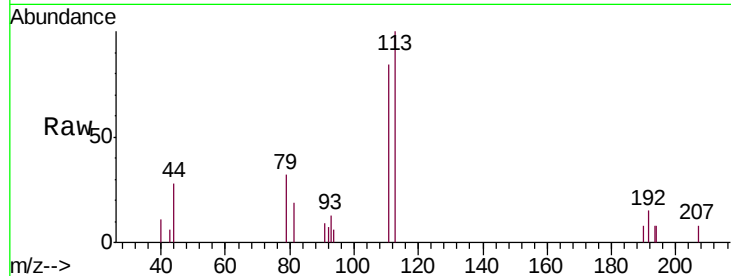




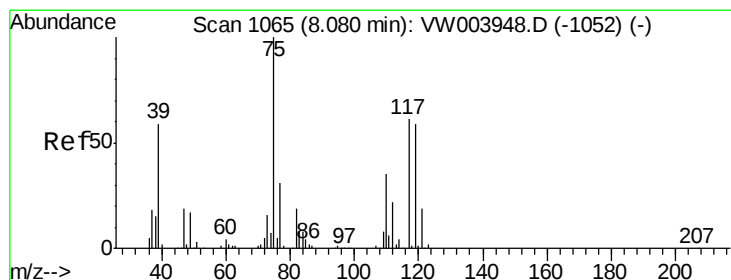
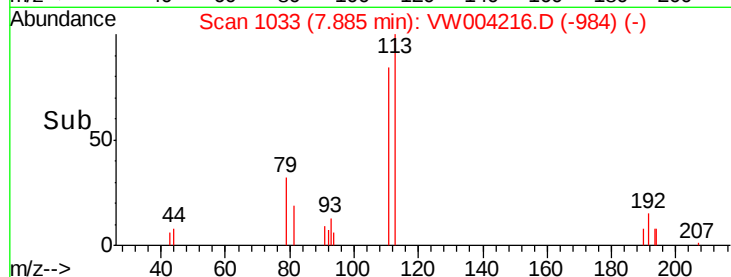
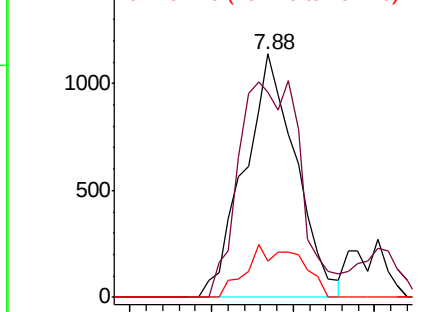
#35
 Dibromofluoromethane
 Concen: 1.318 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004216.D
 Acq: 26 Jul 2018 01:57

Instrument :
 MSVOA_W
 ClientSampleId :
 CON-SB-07-0-2

Tgt Ion:113 Resp: 2505
 Ion Ratio Lower Upper
 113 100
 111 106.9 81.3 121.9
 192 22.5 15.8 23.6

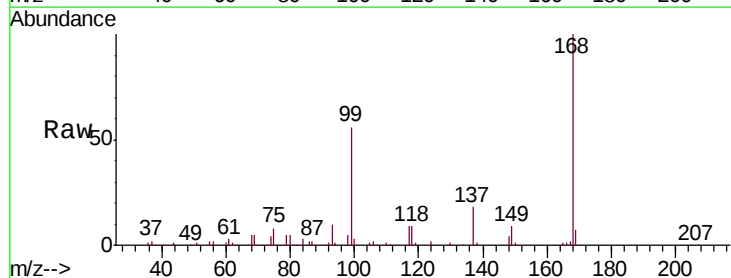


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

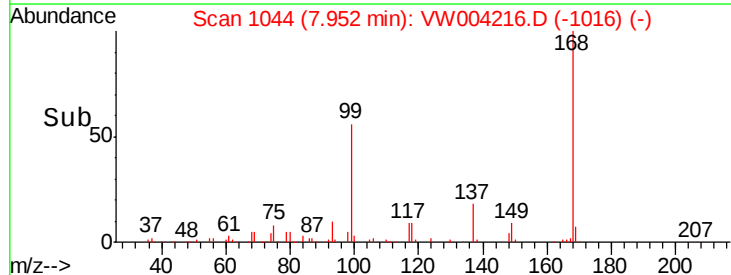
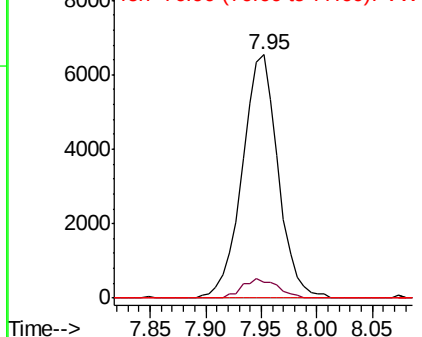


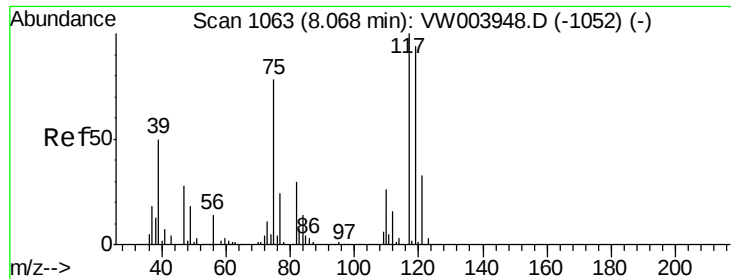
#36
 1,1-Dichloropropene
 Concen: 4.793 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004216.D
 Acq: 26 Jul 2018 01:57

Tgt Ion: 75 Resp: 14604
 Ion Ratio Lower Upper
 75 100
 110 7.7 17.0 51.0#
 77 0.0 24.9 37.3#



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: 6.127 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004216.D

Acq: 26 Jul 2018 01:57

Instrument :

MSVOA_W

ClientSampleId :

CON-SB-07-0-2

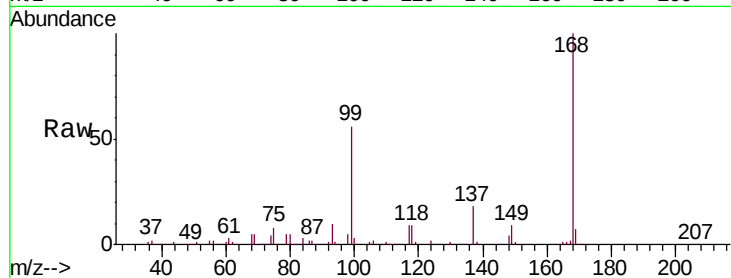
Tgt Ion:117 Resp: 17444

Ion Ratio Lower Upper

117 100

119 6.6 75.3 112.9#

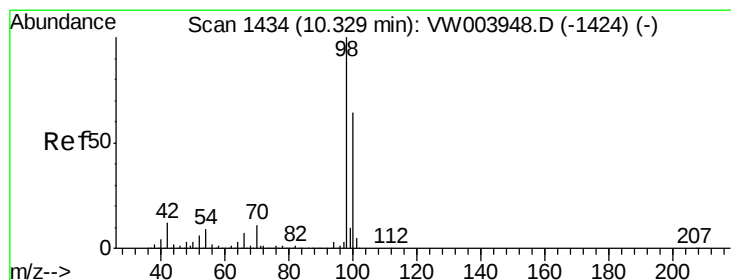
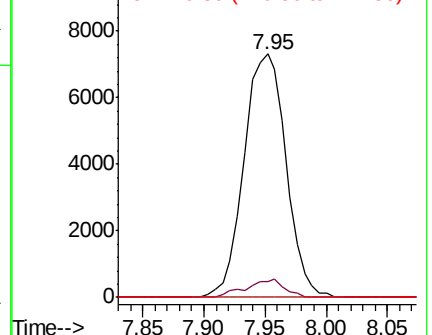
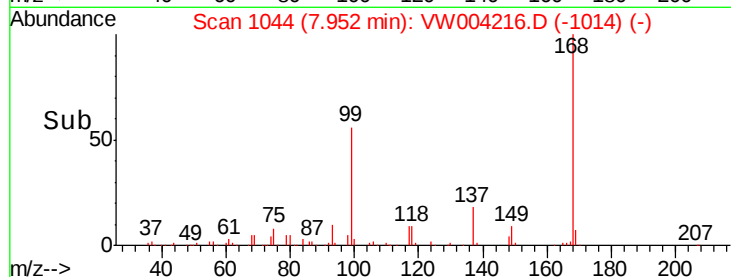
121 0.0 26.0 39.0#



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: 0.916 ug/l

RT: 10.32 min Scan# 1433

Delta R.T. -0.01 min

Lab File: VW004216.D

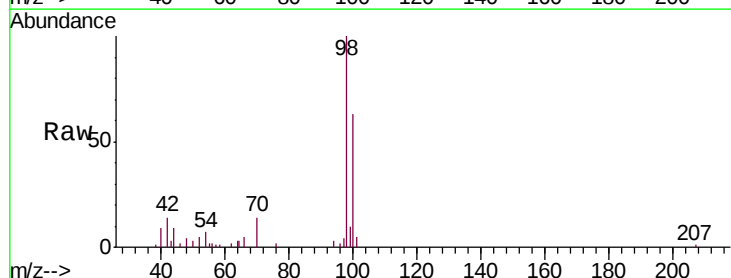
Acq: 26 Jul 2018 01:57

Tgt Ion: 98 Resp: 6757

Ion Ratio Lower Upper

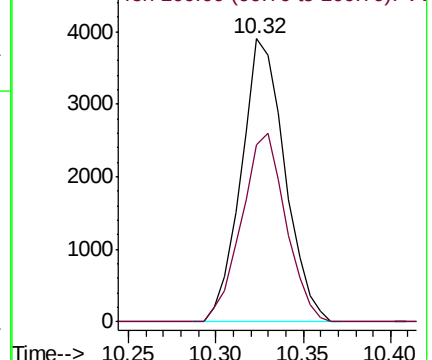
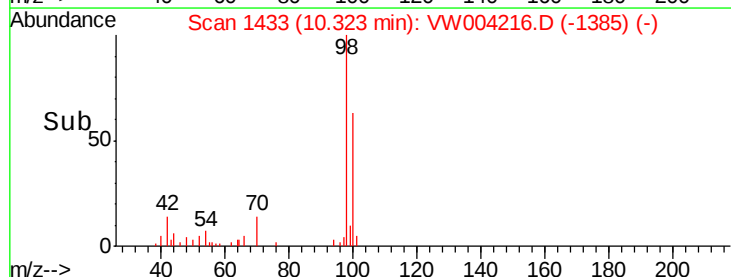
98 100

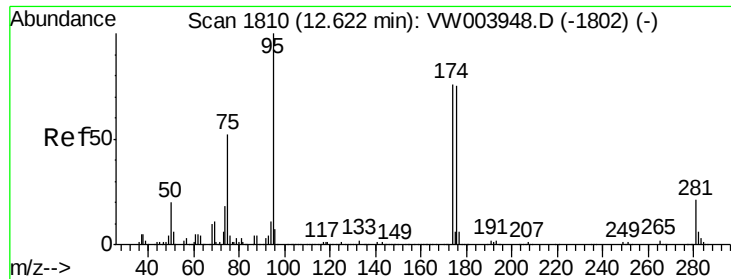
100 67.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

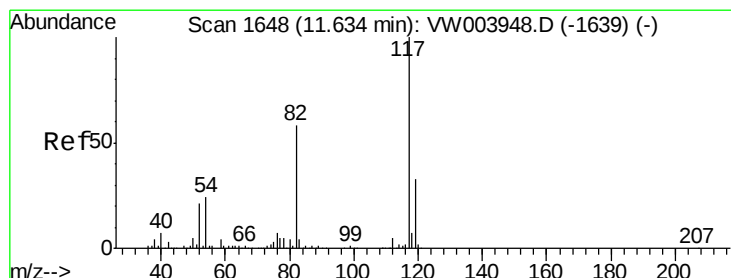
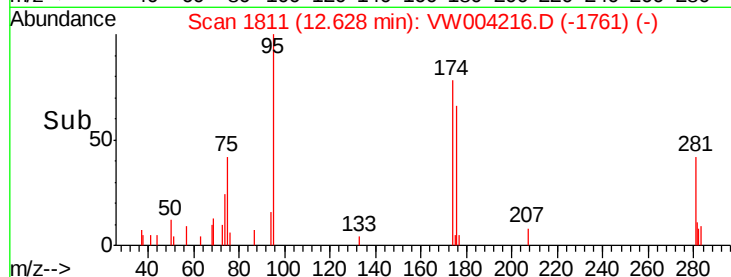
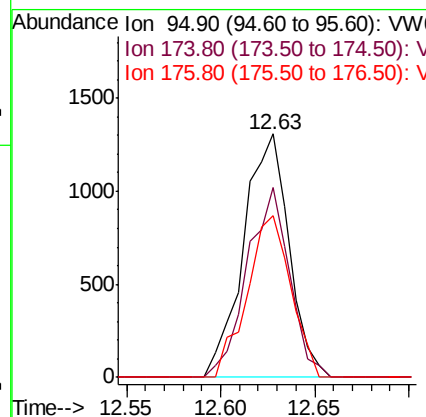
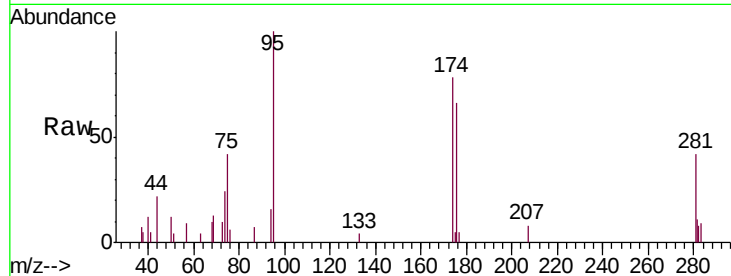




#62
4-Bromofluorobenzene
Concen: 0.820 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW004216.D
Acq: 26 Jul 2018 01:57

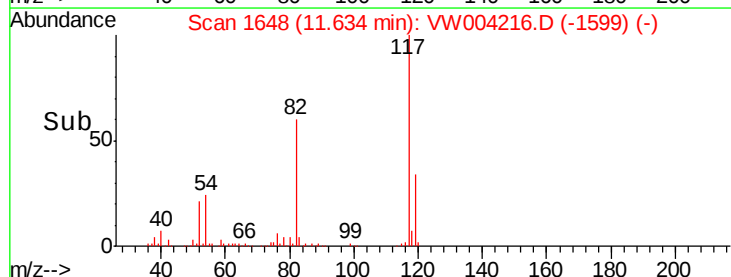
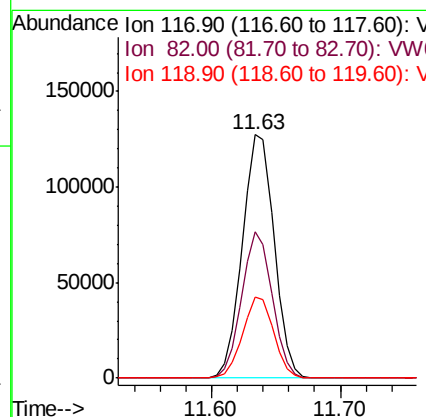
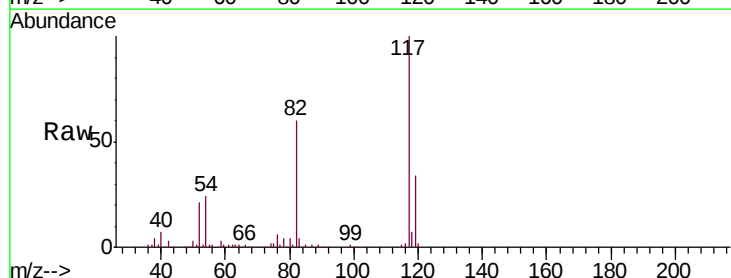
Instrument :
MSVOA_W
ClientSampleId :
CON-SB-07-0-2

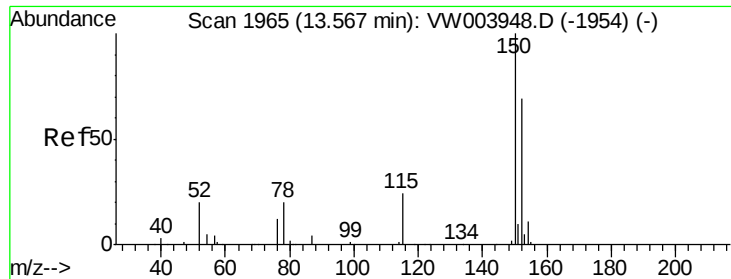
Tgt Ion: 95 Resp: 2181
Ion Ratio Lower Upper
95 100
174 72.6 0.0 160.2
176 63.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004216.D
Acq: 26 Jul 2018 01:57

Tgt Ion: 117 Resp: 218127
Ion Ratio Lower Upper
117 100
82 60.3 46.5 69.7
119 33.5 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004216.D

Acq: 26 Jul 2018 01:57

Instrument :

MSVOA_W

ClientSampleId :

CON-SB-07-0-2

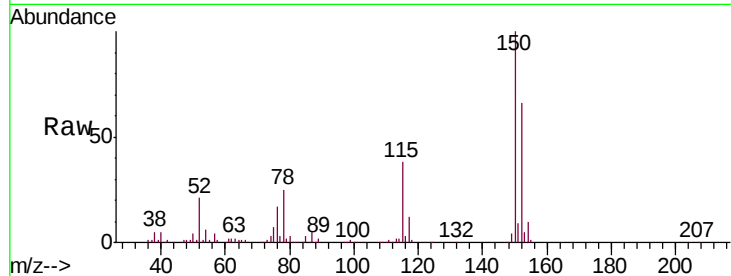
Tgt Ion:152 Resp: 67498

Ion Ratio Lower Upper

152 100

115 58.0 29.2 87.6

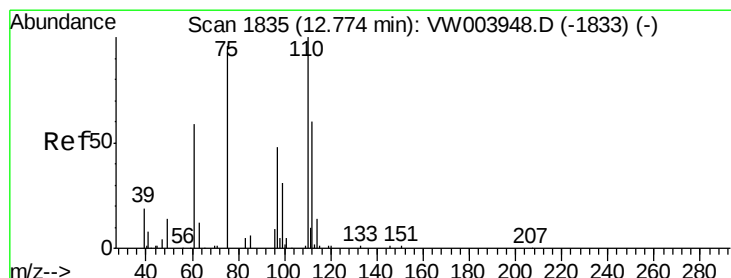
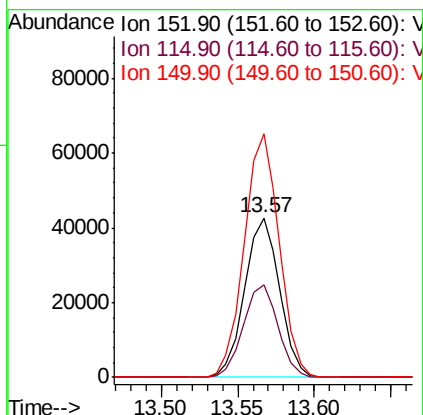
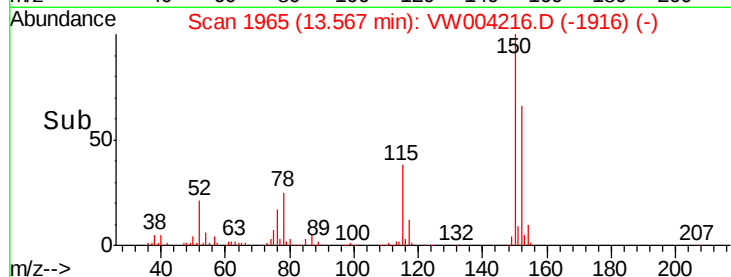
150 153.3 0.0 345.2



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: 1.633 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004216.D

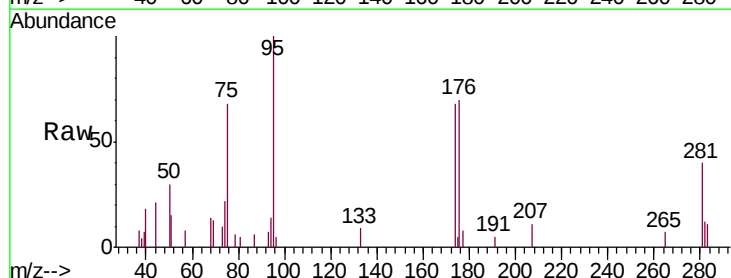
Acq: 26 Jul 2018 01:57

Tgt Ion: 75 Resp: 1094

Ion Ratio Lower Upper

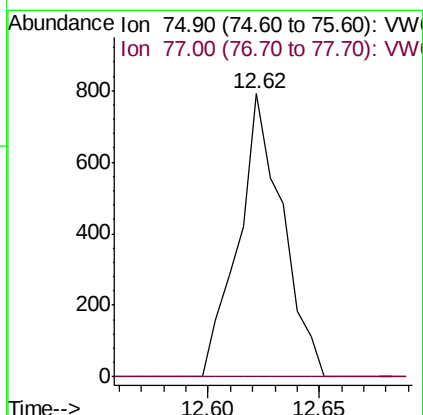
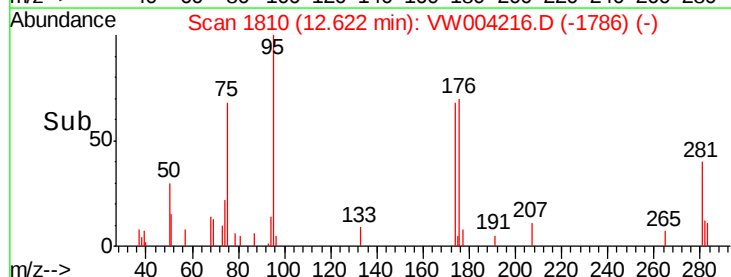
75 100

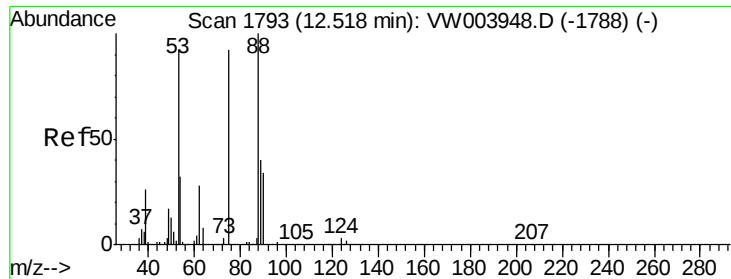
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 3.611 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004216.D

Acq: 26 Jul 2018 01:57

Instrument :

MSVOA_W

ClientSampleId :

CON-SB-07-0-2

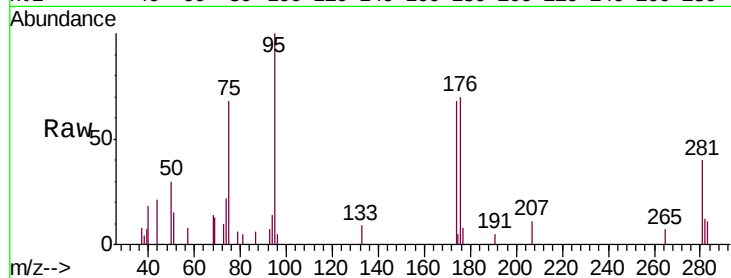
Tgt Ion: 75 Resp: 1094

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.0 36.6 54.8#



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

