

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072318\
 Data File : VW004163.D
 Acq On : 24 Jul 2018 04:11
 Operator : SY/AP
 Sample : J4062-37RE
 Misc : 11.94G/5ML/MSVOA W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 24 04:50:43 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	101630	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	157893	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	112915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	27311	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	68593	60.38	ug/l	0.00
Spiked Amount			Recovery	=	120.76%	
35) Dibromofluoromethane	7.88	113	57487	56.74	ug/l	0.00
Spiked Amount			Recovery	=	113.48%	
50) Toluene-d8	10.33	98	152787	38.87	ug/l	0.00
Spiked Amount			Recovery	=	77.74%	
62) 4-Bromofluorobenzene	12.62	95	29681	20.94	ug/l	0.00
Spiked Amount			Recovery	=	41.88%	

Target Compounds

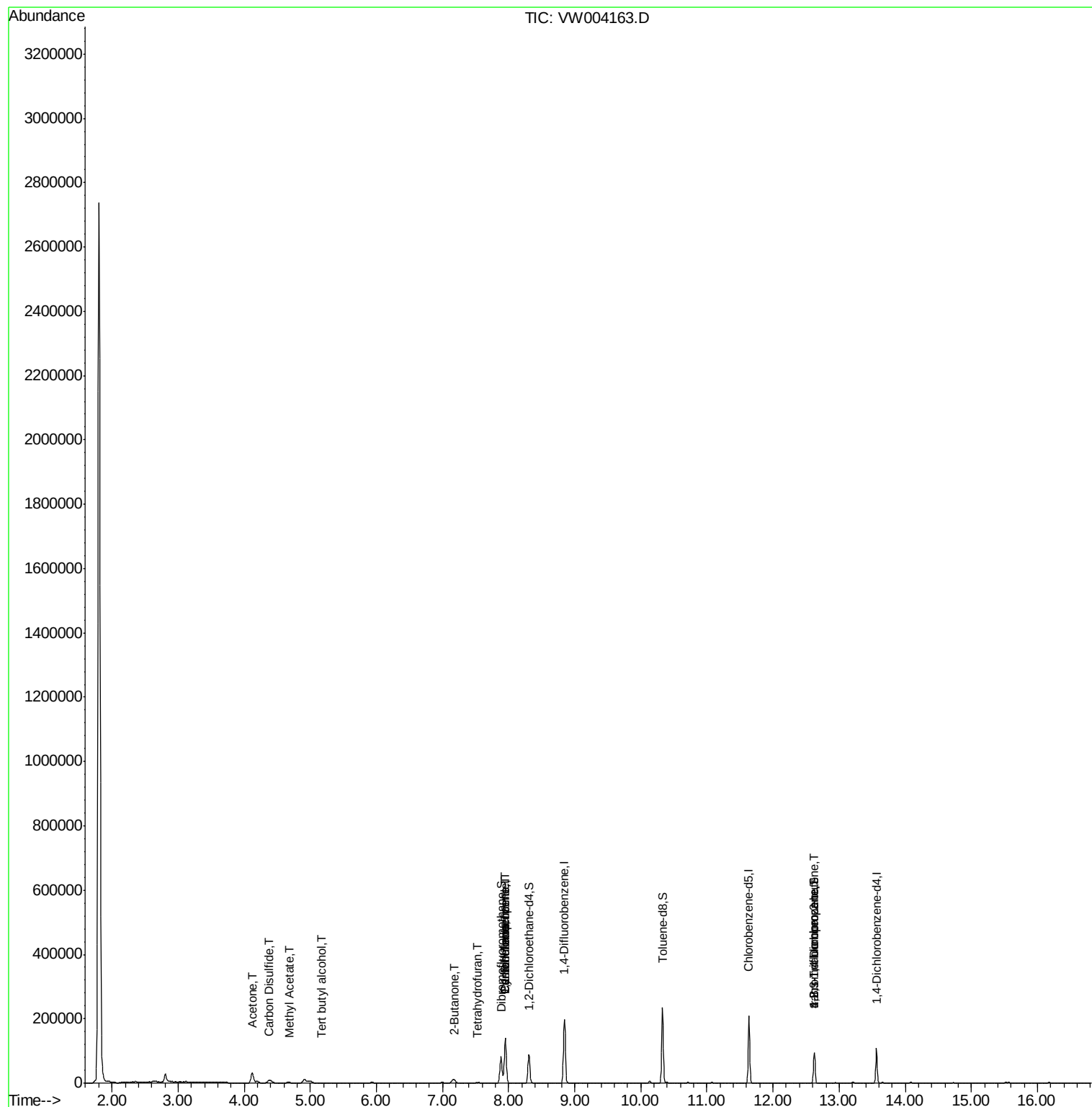
						Qvalue
11) Tert butyl alcohol	5.17	59	235	2.997	ug/l #	72
16) Acetone	4.12	43	56027	205.238	ug/l	98
17) Carbon Disulfide	4.37	76	14578	4.729	ug/l	97
18) Methyl Acetate	4.68	43	5067	7.733	ug/l #	78
25) 2-Butanone	7.18	43	12988	35.355	ug/l	92
29) Tetrahydrofuran	7.54	42	344	1.503	ug/l #	64
31) Cyclohexane	7.95	56	2854	1.514	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	8880	5.466	ug/l #	51
38) Carbon Tetrachloride	7.95	117	10402	6.853	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	15366	56.673	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	15366	125.359	ug/l #	11

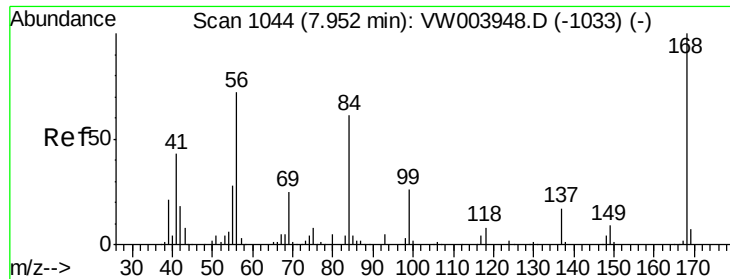
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW004163.D

Acq: 24 Jul 2018 04:11

Instrument :

MSVOA_W

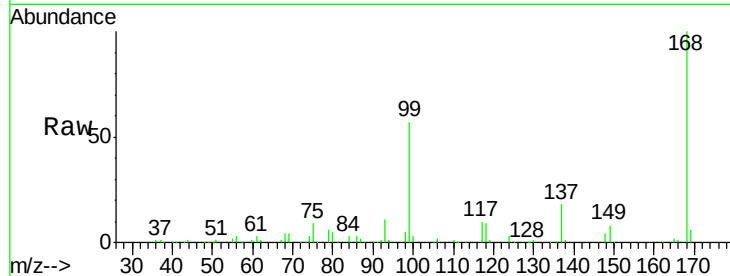
ClientSampleId :

Tot Ion:168 Resp: 101630

Ion Ratio Lower Upper

168 100

99 56.9 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

50000

40000

30000

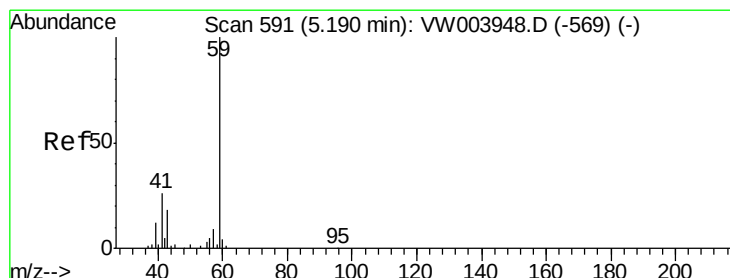
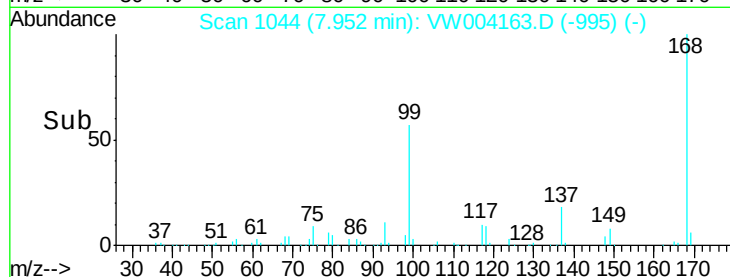
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#11

Tert butyl alcohol

Concen: 2.997 ug/l

RT: 5.17 min Scan# 588

Delta R.T. -0.02 min

Lab File: VW004163.D

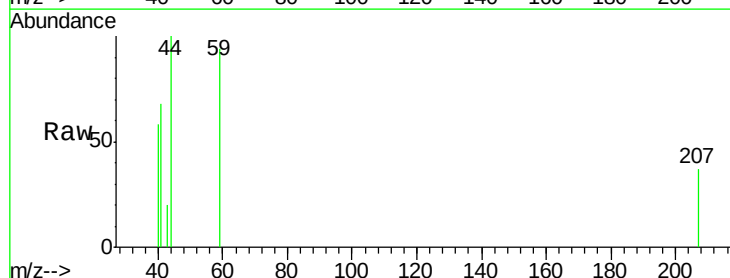
Acq: 24 Jul 2018 04:11

Tgt Ion: 59 Resp: 235

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

250

200

150

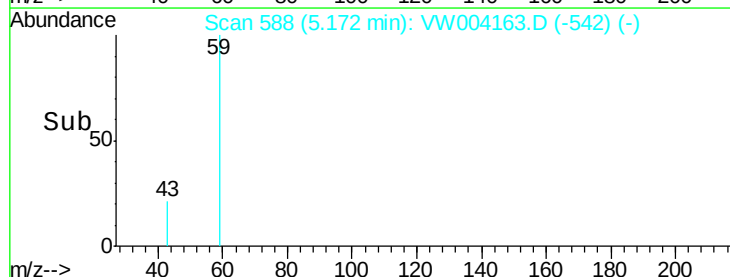
100

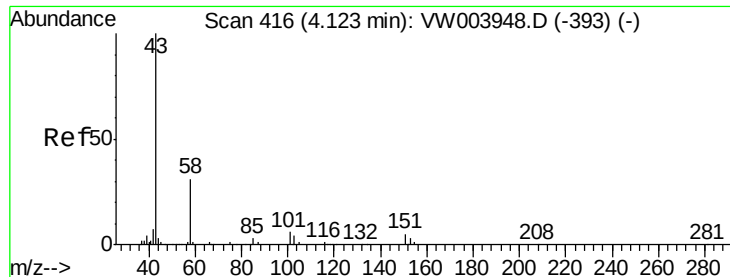
50

0

5.14 5.16 5.18

Time-->

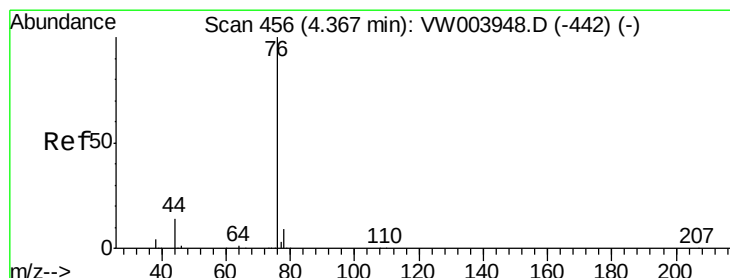
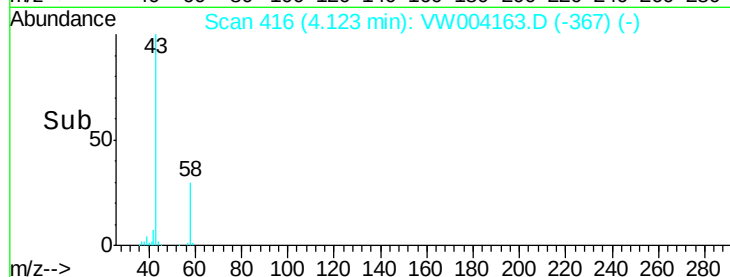
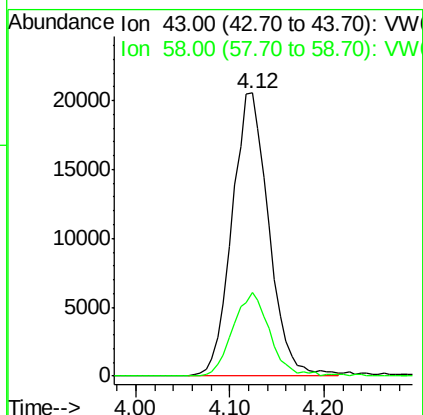
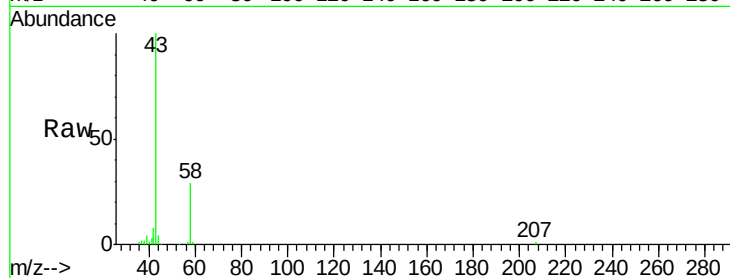




#16
Acetone
Concen: 205.238 ug/l
RT: 4.12 min Scan# 416
Delta R.T. 0.00 min
Lab File: VW004163.D
Acq: 24 Jul 2018 04:11

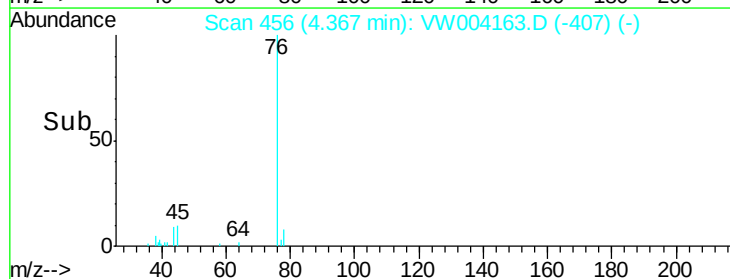
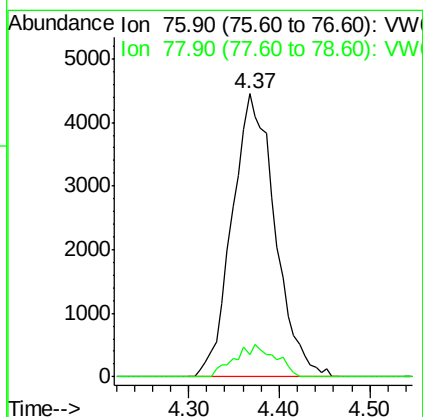
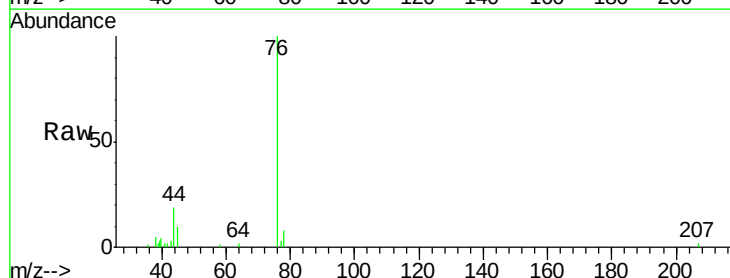
Instrument :
MSVOA_W
ClientSampled :

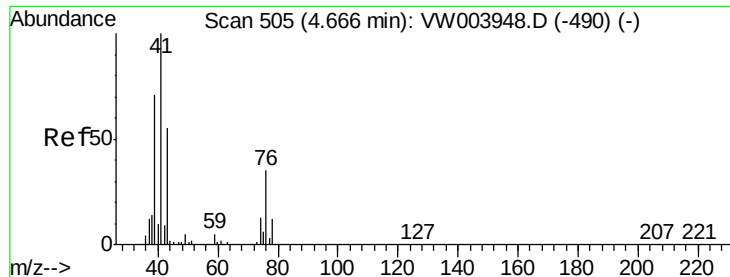
Tot Ion: 43 Resp: 56027
Ion Ratio Lower Upper
43 100
58 29.4 24.5 36.7



#17
Carbon Disulfide
Concen: 4.729 ug/l
RT: 4.37 min Scan# 456
Delta R.T. 0.00 min
Lab File: VW004163.D
Acq: 24 Jul 2018 04:11

Tgt Ion: 76 Resp: 14578
Ion Ratio Lower Upper
76 100
78 7.9 7.1 10.7

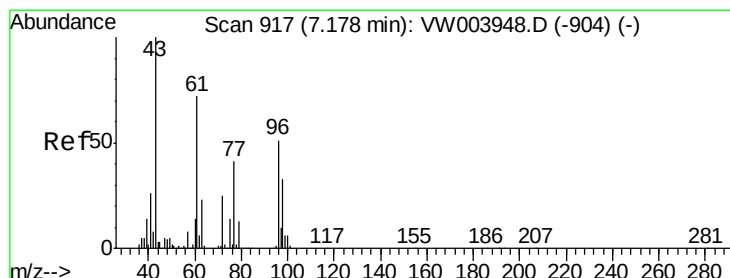
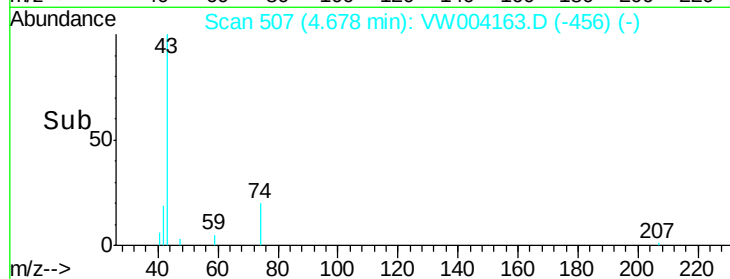
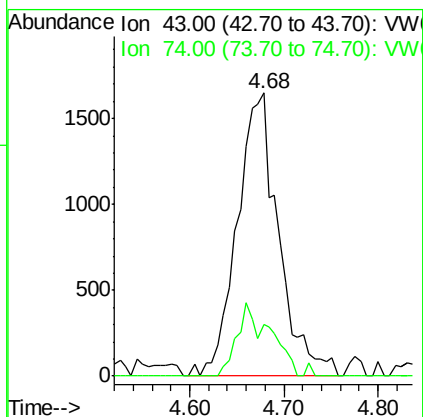
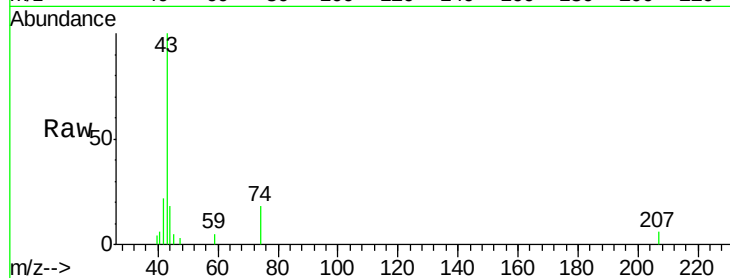




#18
Methvl Acetate
Concen: 7.733 ug/l
RT: 4.68 min Scan# 507
Delta R.T. 0.01 min
Lab File: VW004163.D
Acq: 24 Jul 2018 04:11

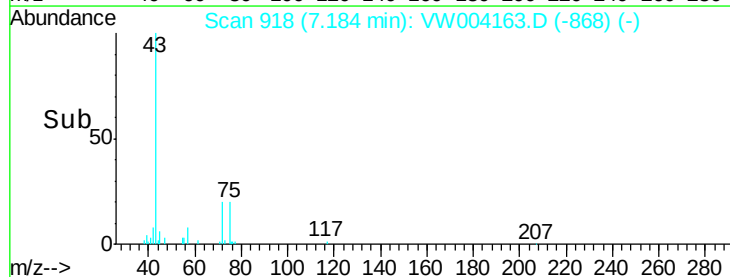
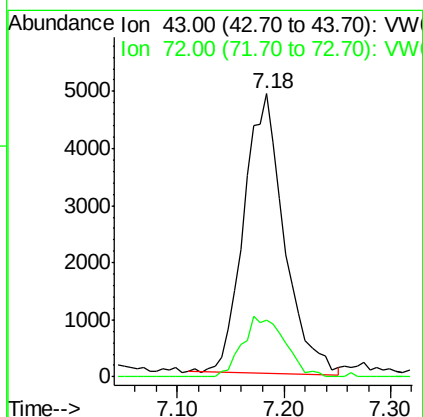
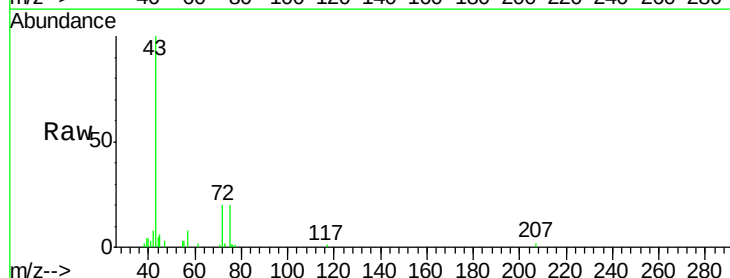
Instrument :
MSVOA_W
ClientSampleId :

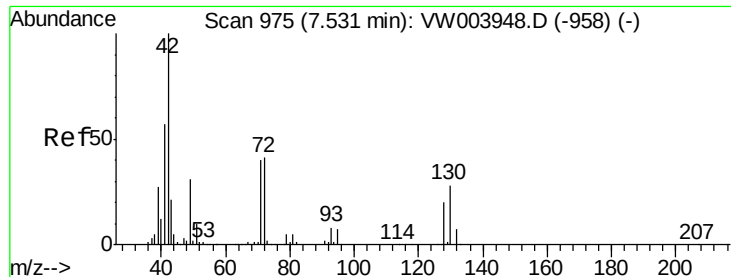
Tot Ion: 43 Resp: 5067
Ion Ratio Lower Upper
43 100
74 11.6 17.7 26.5#



#25
2-Butanone
Concen: 35.355 ug/l
RT: 7.18 min Scan# 918
Delta R.T. 0.01 min
Lab File: VW004163.D
Acq: 24 Jul 2018 04:11

Tgt Ion: 43 Resp: 12988
Ion Ratio Lower Upper
43 100
72 20.6 19.8 29.6

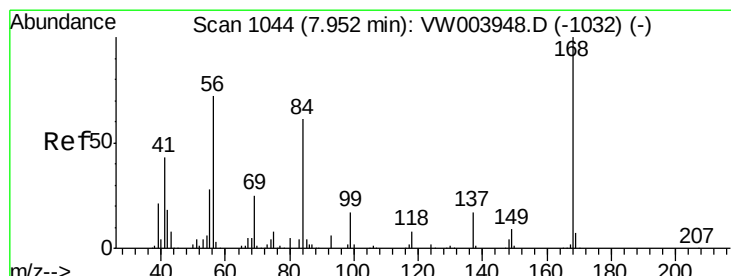
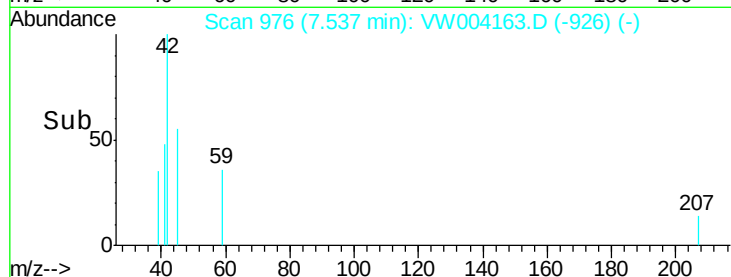
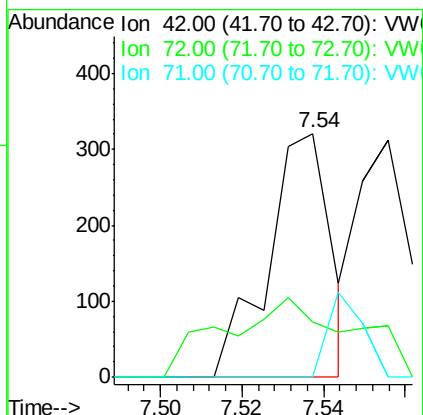
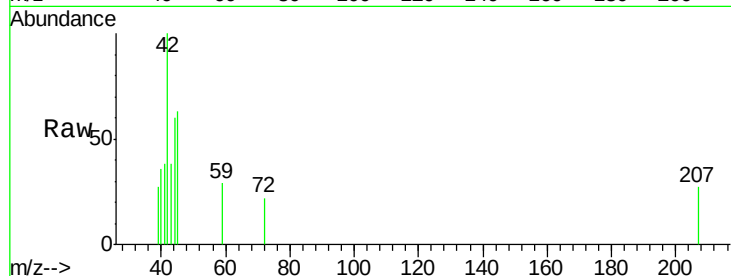




#29
Tetrahydrofuran
Concen: 1.503 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.01 min
Lab File: VW004163.D
Acq: 24 Jul 2018 04:11

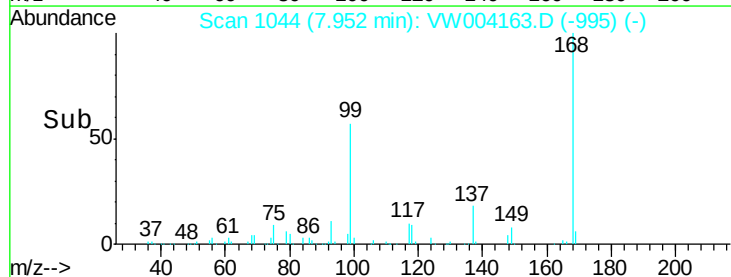
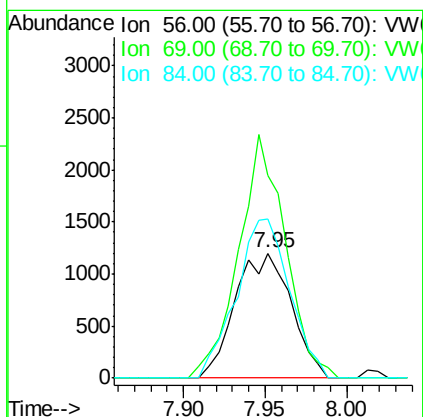
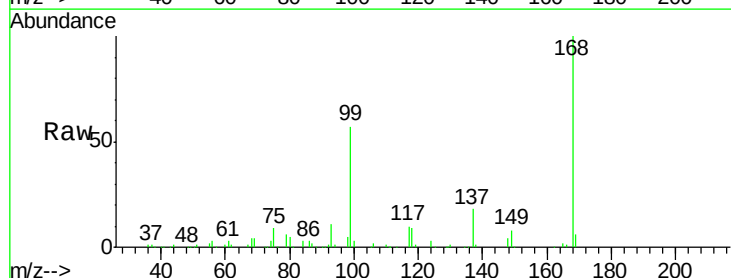
Instrument :
MSVOA_W
ClientSampleId :

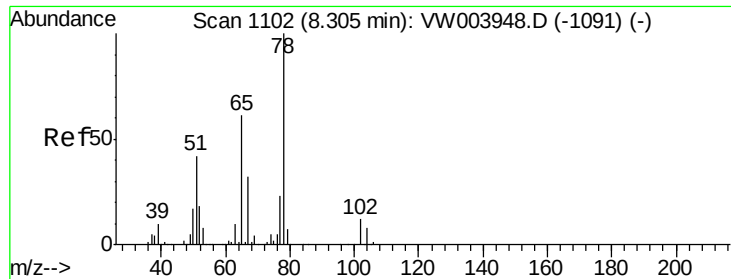
Tot Ion: 42 Resp: 344
Ion Ratio Lower Upper
42 100
72 66.3 32.6 48.8#
71 19.5 30.5 45.7#



#31
Cyclohexane
Concen: 1.514 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW004163.D
Acq: 24 Jul 2018 04:11

Tgt Ion: 56 Resp: 2854
Ion Ratio Lower Upper
56 100
69 162.4 27.8 41.8#
84 128.0 67.2 100.8#

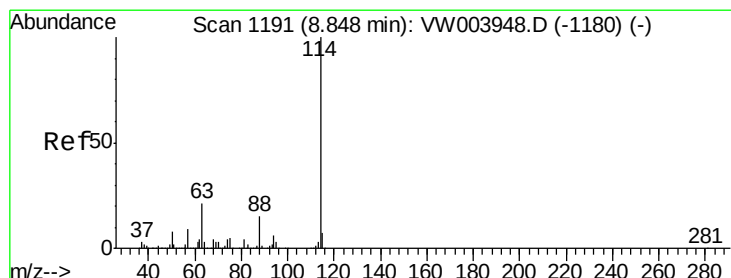
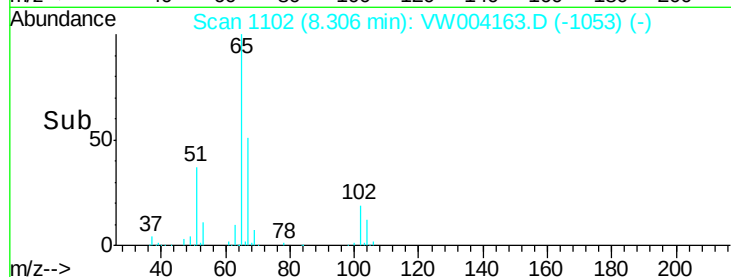
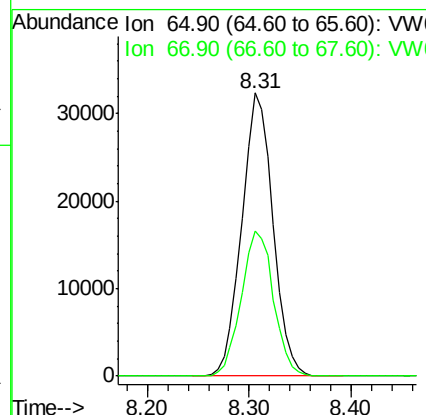
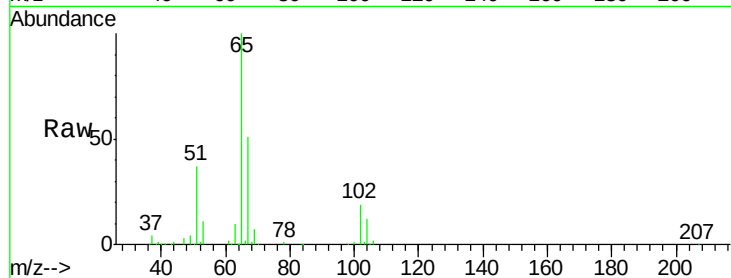




#33
 1,2-Dichloroethane-d4
 Concen: 60.380 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW004163.D
 Acq: 24 Jul 2018 04:11

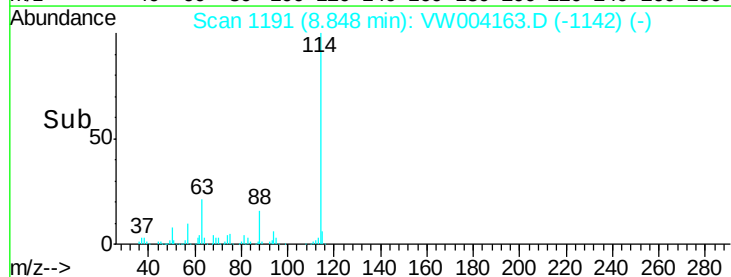
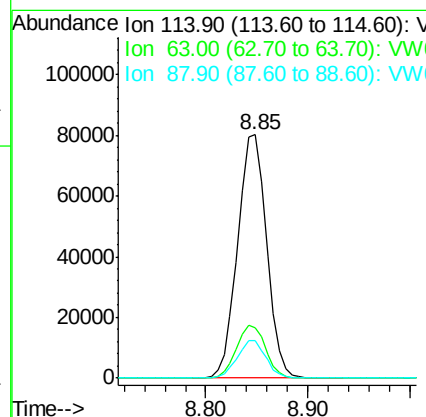
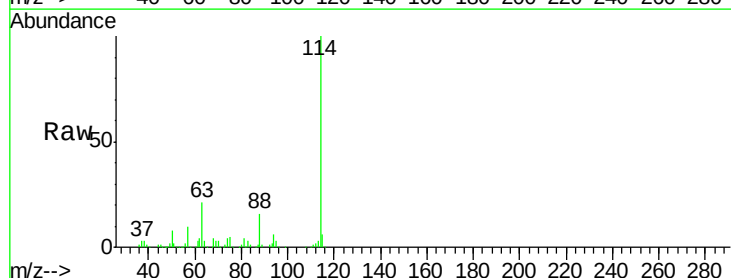
Instrument :
 MSVOA_W
 ClientSampleId :

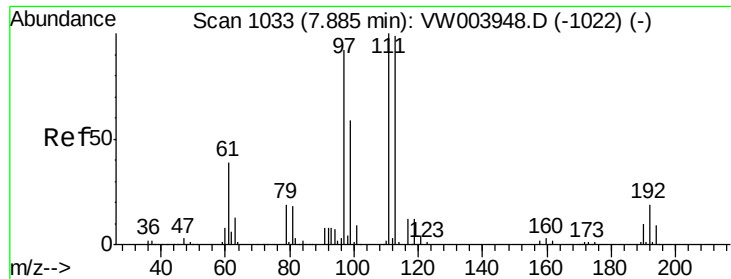
Tot Ion: 65 Resp: 68593
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004163.D
 Acq: 24 Jul 2018 04:11

Tgt Ion: 114 Resp: 157893
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.8
 88 15.7 0.0 30.4

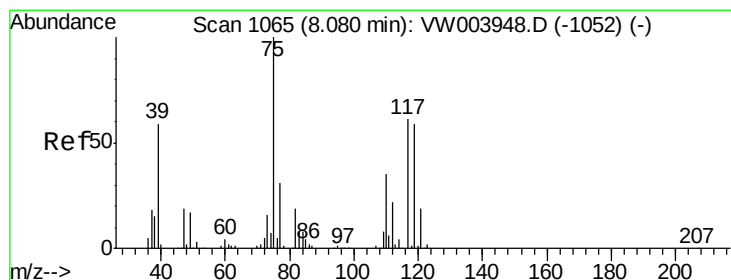
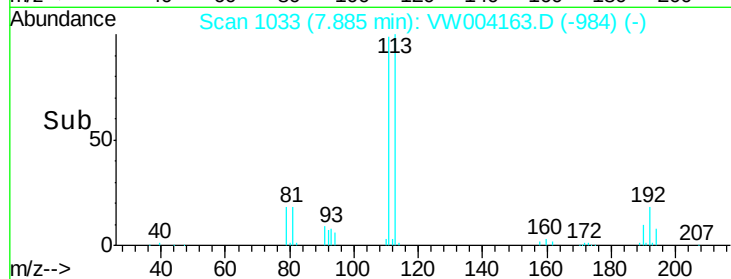
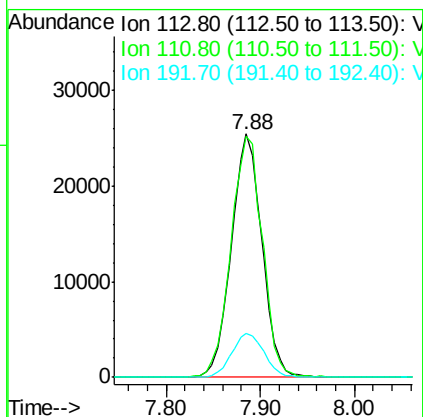
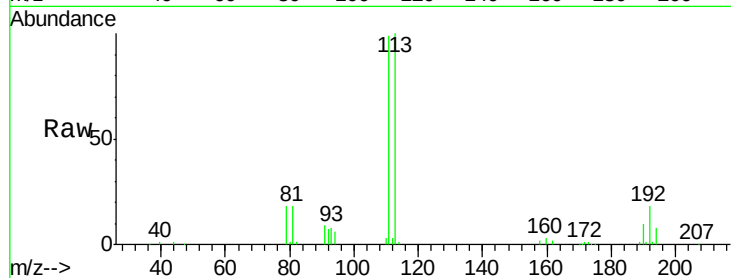




#35
 Dibromofluoromethane
 Concen: 56.745 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004163.D
 Acq: 24 Jul 2018 04:11

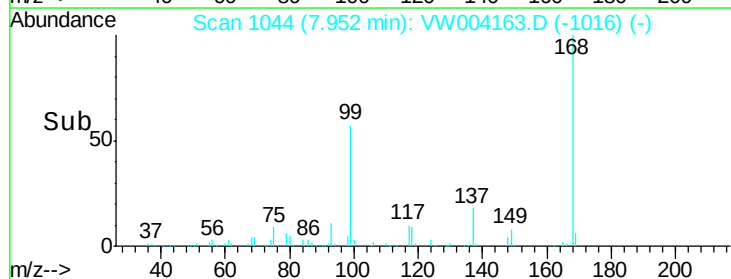
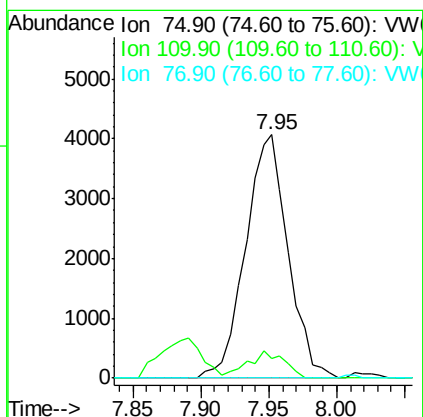
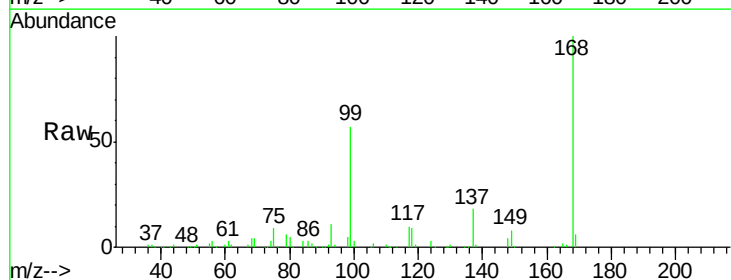
Instrument :
 MSVOA_W
 ClientSampleId :

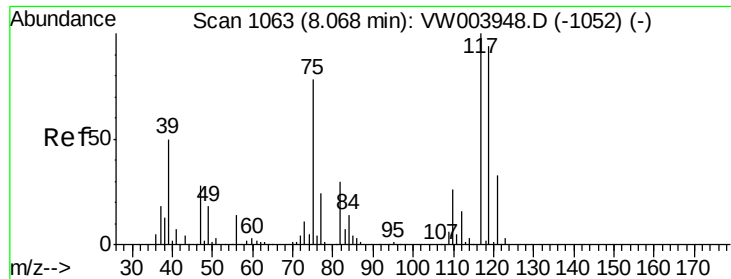
Tot Ion:113 Resp: 57487
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.3 121.9
 192 18.9 15.8 23.6



#36
 1,1-Dichloropropene
 Concen: 5.466 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004163.D
 Acq: 24 Jul 2018 04:11

Tgt Ion: 75 Resp: 8880
 Ion Ratio Lower Upper
 75 100
 110 9.6 17.0 51.0#
 77 0.0 24.9 37.3#

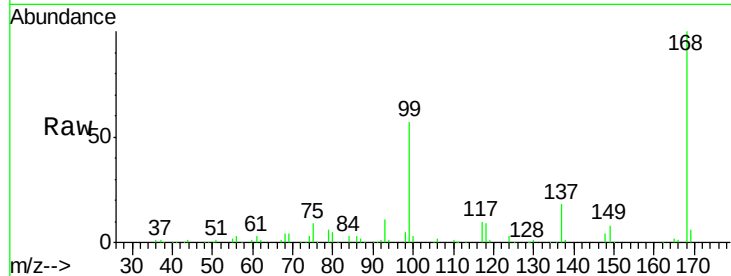




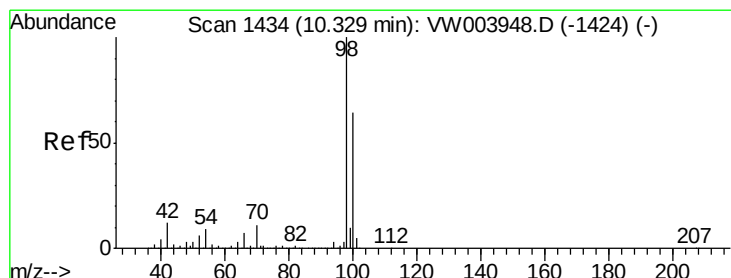
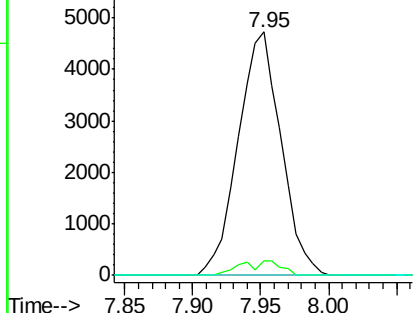
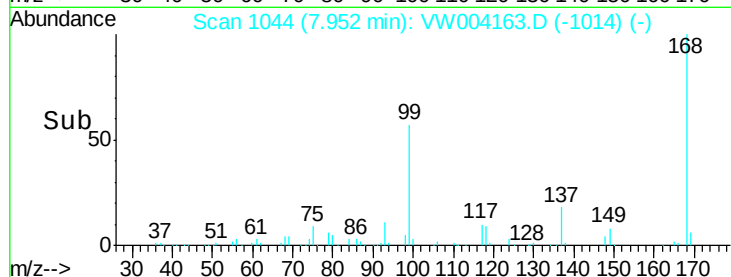
#38
Carbon Tetrachloride
Concen: 6.853 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW004163.D
Acq: 24 Jul 2018 04:11

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 10402
Ion Ratio Lower Upper
117 100
119 6.2 75.3 112.9#
121 0.0 26.0 39.0#

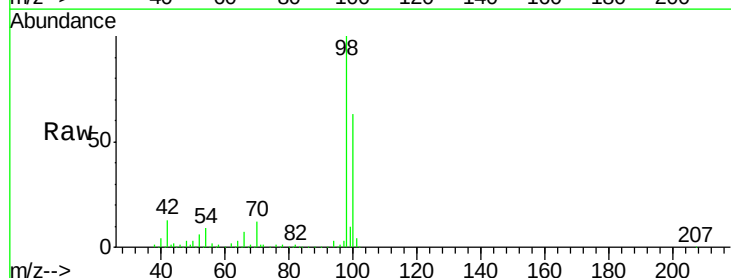


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

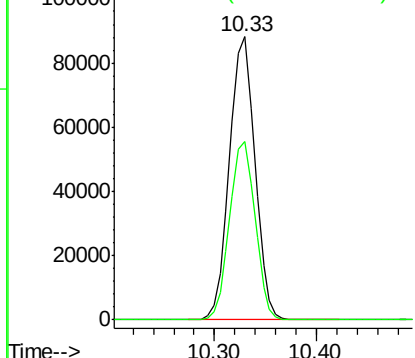
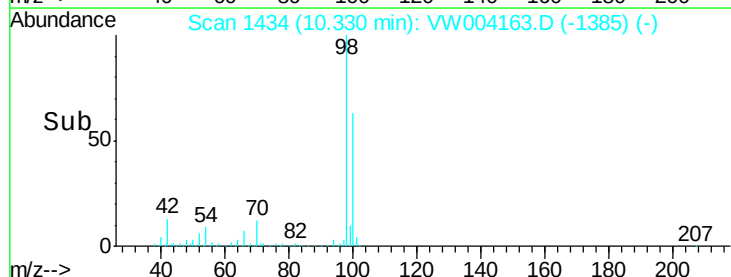


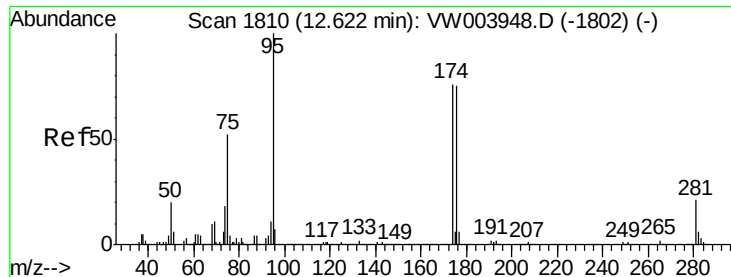
#50
Toluene-d8
Concen: 38.867 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004163.D
Acq: 24 Jul 2018 04:11

Tgt Ion: 98 Resp: 152787
Ion Ratio Lower Upper
98 100
100 63.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

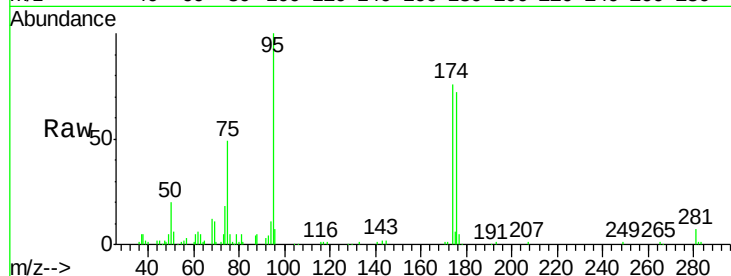




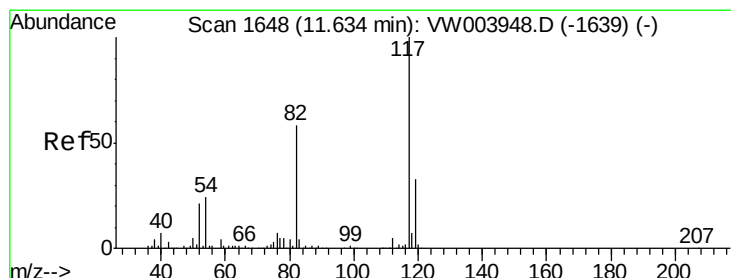
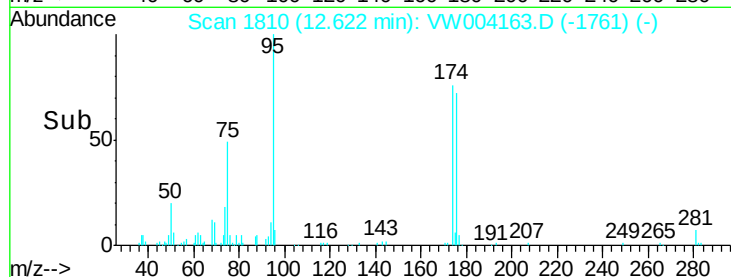
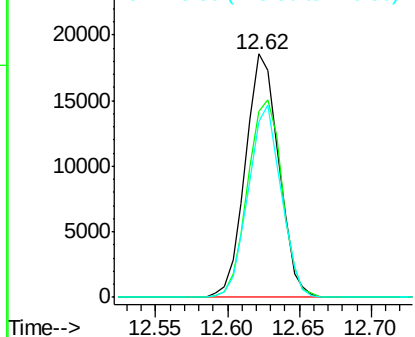
#62
4-Bromofluorobenzene
Concen: 20.939 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW004163.D
Acq: 24 Jul 2018 04:11

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 95 Resp: 29681
Ion Ratio Lower Upper
95 100
174 83.8 0.0 160.2
176 77.4 0.0 155.8

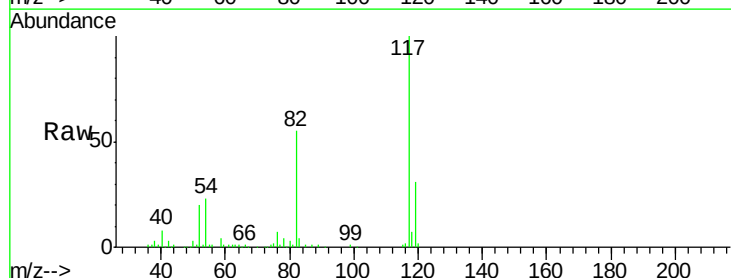


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

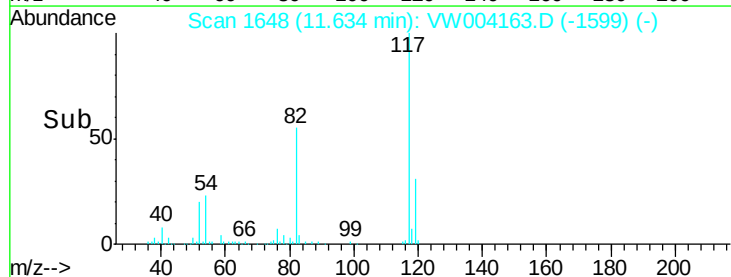
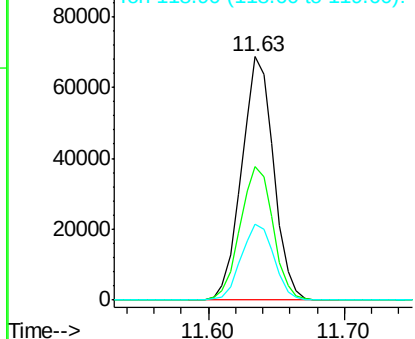


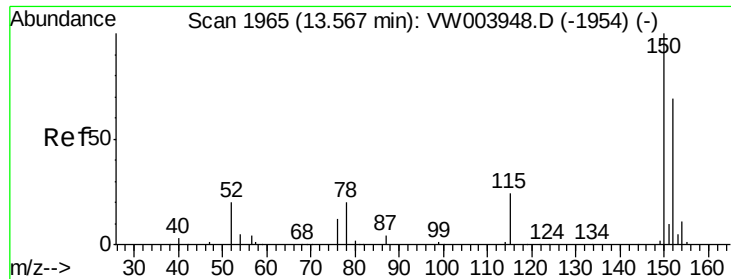
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004163.D
Acq: 24 Jul 2018 04:11

Tgt Ion: 117 Resp: 112915
Ion Ratio Lower Upper
117 100
82 54.6 46.5 69.7
119 31.4 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): VW
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004163.D

Acq: 24 Jul 2018 04:11

Instrument :

MSVOA_W

ClientSampleId :

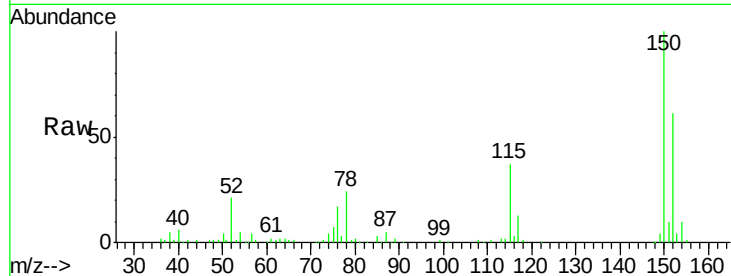
Tot Ion:152 Resp: 27311

Ion Ratio Lower Upper

152 100

115 60.4 29.2 87.6

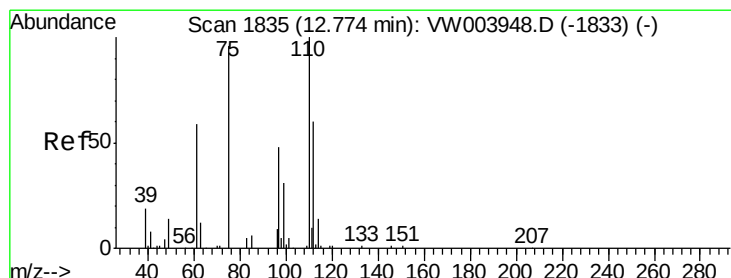
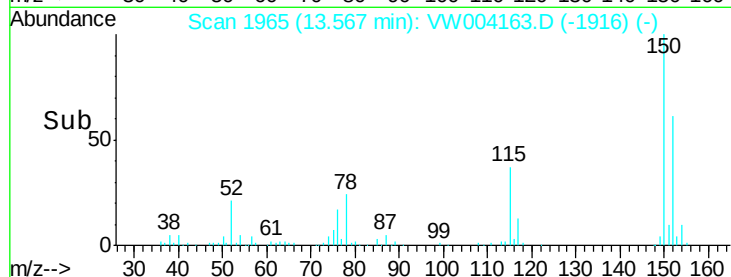
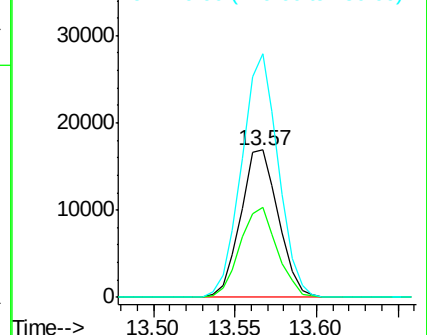
150 159.6 0.0 345.2



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: 56.673 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004163.D

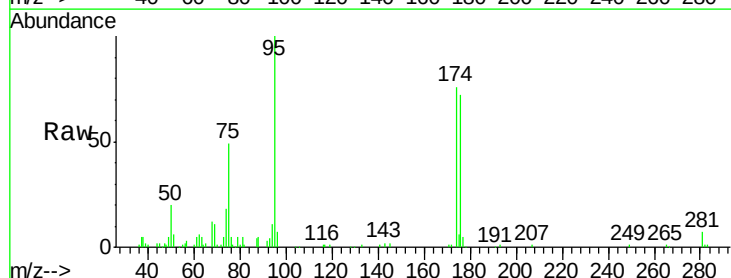
Acq: 24 Jul 2018 04:11

Tgt Ion: 75 Resp: 15366

Ion Ratio Lower Upper

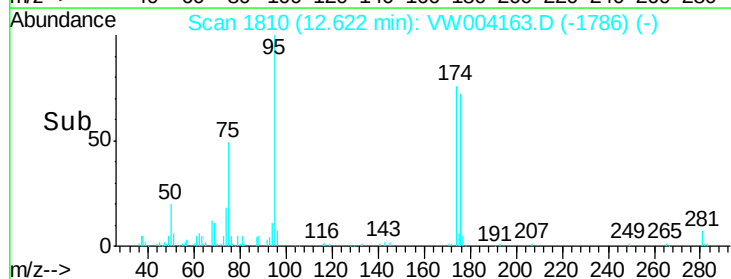
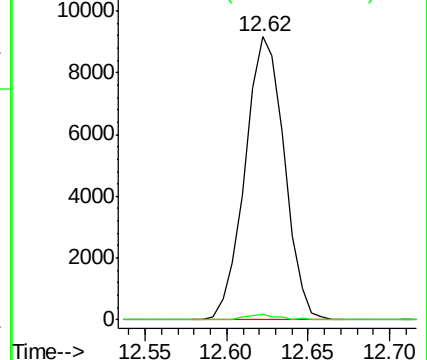
75 100

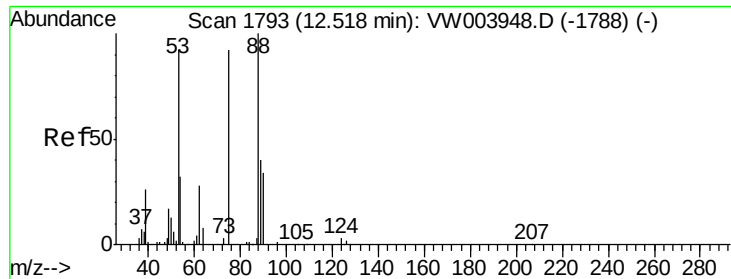
77 1.6 0.0 0.0#



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: 125.359 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004163.D

Acq: 24 Jul 2018 04:11

Instrument :

MSVOA_W

ClientSampleId :

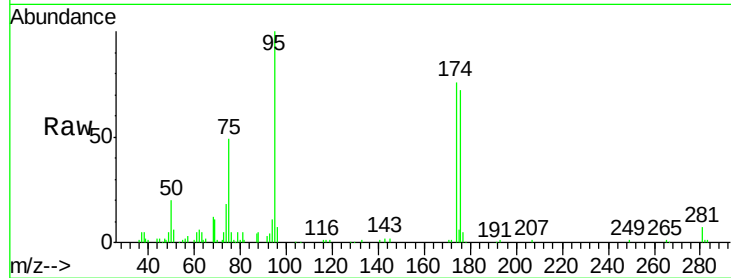
Tot Ion: 75 Resp: 15366

Ion Ratio Lower Upper

75 100

53 0.4 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

