

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072318\
 Data File : VW004162.D
 Acq On : 24 Jul 2018 03:45
 Operator : SY/AP
 Sample : J4062-31
 Misc : 7.18G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 24 04:50:35 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

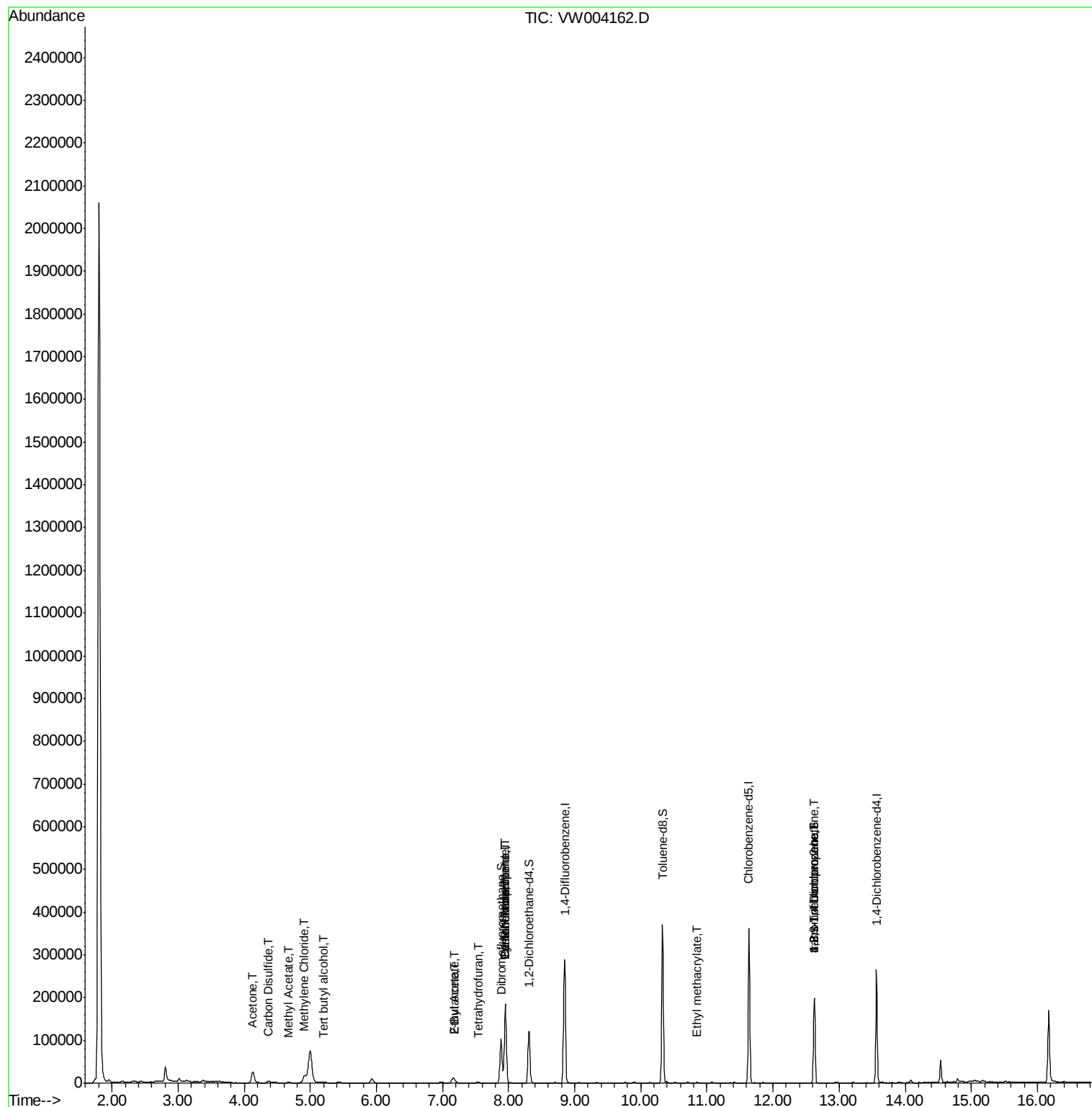
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	131593	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	233458	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	196162	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	66383	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	96640	65.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	131.40%	
35) Dibromofluoromethane	7.88	113	71187	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
50) Toluene-d8	10.33	98	240978	41.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.92%	
62) 4-Bromofluorobenzene	12.63	95	62732	29.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	59.86%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.20	59	1673	16.476	ug/l #	80
16) Acetone	4.13	43	47853	135.382	ug/l	97
17) Carbon Disulfide	4.37	76	10120	2.535	ug/l	99
18) Methyl Acetate	4.67	43	2902	3.420	ug/l	96
20) Methylene Chloride	4.91	84	14752	1.890	ug/l	97
25) 2-Butanone	7.18	43	8958	18.833	ug/l	100
29) Tetrahydrofuran	7.54	42	551	1.860	ug/l #	66
31) Cyclohexane	7.95	56	3659	1.499	ug/l #	14
36) 1,1-Dichloropropene	7.95	75	11362	4.730	ug/l #	50
37) Ethyl Acetate	7.18	43	8958	7.732	ug/l #	70
38) Carbon Tetrachloride	7.95	117	13173	5.869	ug/l #	17
56) Ethyl methacrylate	10.85	69	92	2.995	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	32442	49.227	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	32442	108.889	ug/l #	11

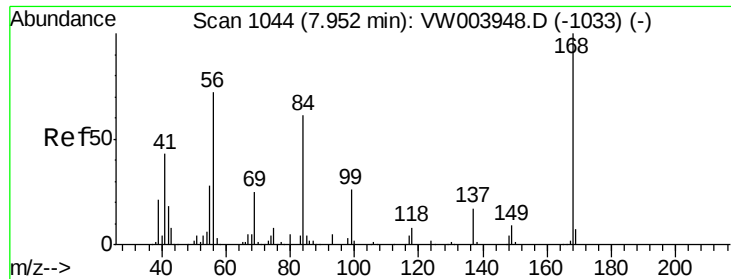
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072318\
Data File : VW004162.D
Acq On : 24 Jul 2018 03:45
Operator : SY/AP
Sample : J4062-31
Misc : 7.18G/5ML/MSVOA W/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jul 24 04:50:35 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
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: VW004162.D

Acq: 24 Jul 2018 03:45

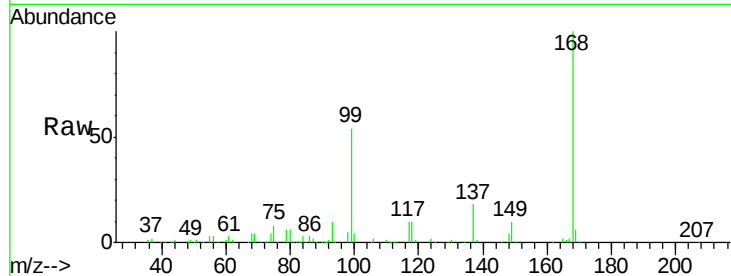
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 131593

Ion Ratio Lower Upper

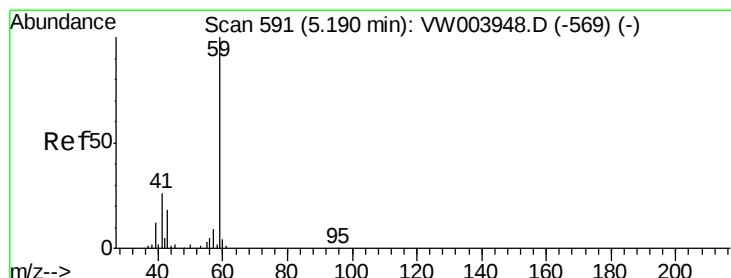
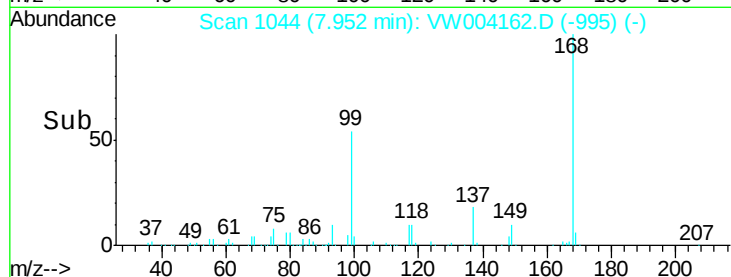
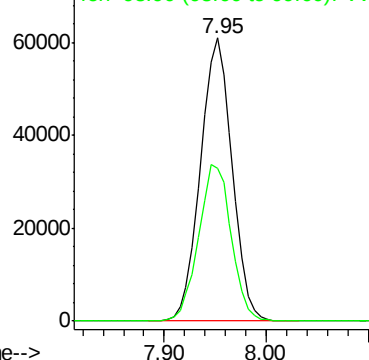
168 100

99 53.9 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 16.476 ug/l

RT: 5.20 min Scan# 592

Delta R.T. 0.01 min

Lab File: VW004162.D

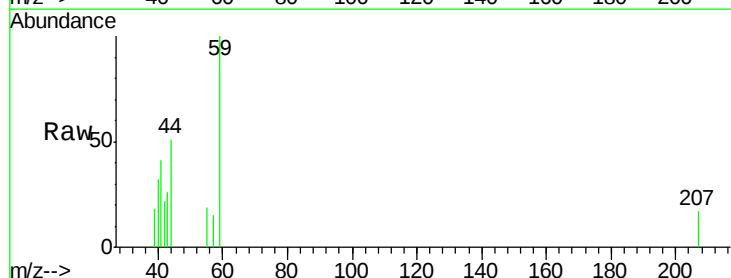
Acq: 24 Jul 2018 03:45

Tgt Ion: 59 Resp: 1673

Ion Ratio Lower Upper

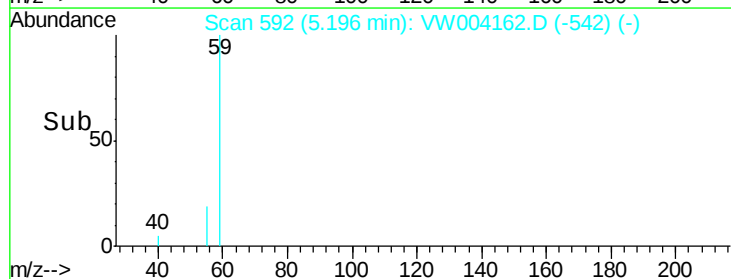
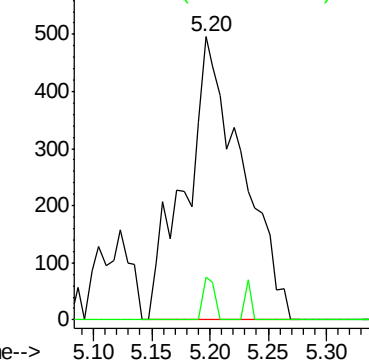
59 100

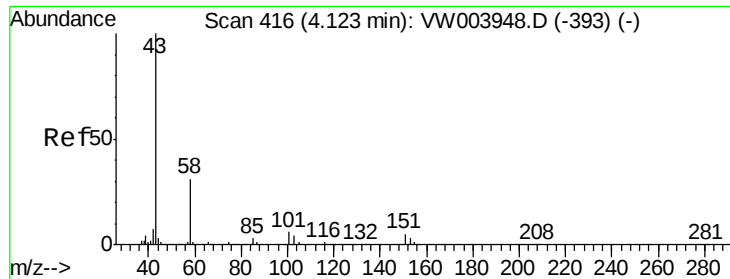
57 3.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

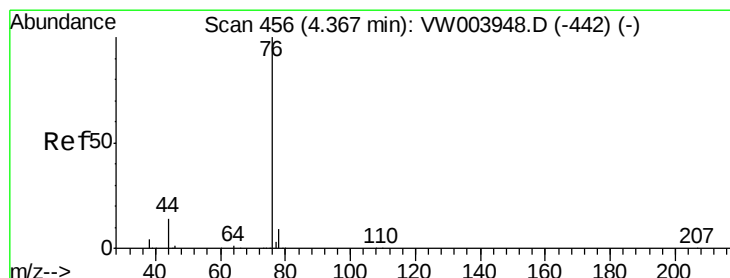
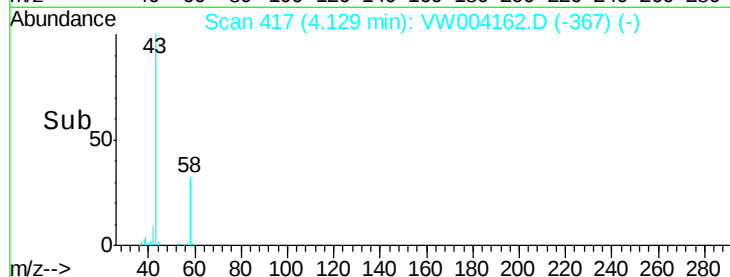
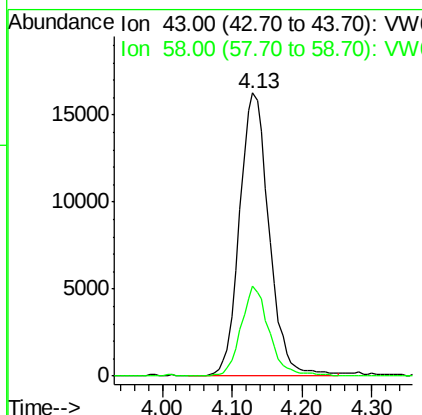
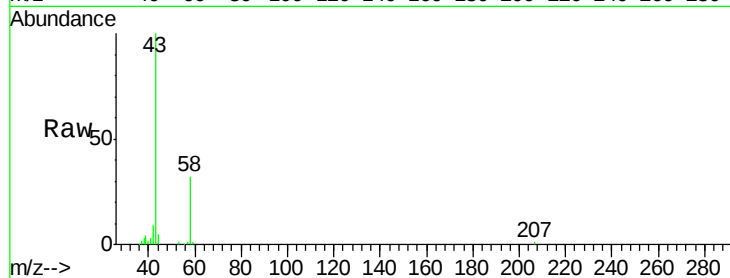




#16
Acetone
Concen: 135.382 ug/l
RT: 4.13 min Scan# 417
Delta R.T. 0.01 min
Lab File: VW004162.D
Acq: 24 Jul 2018 03:45

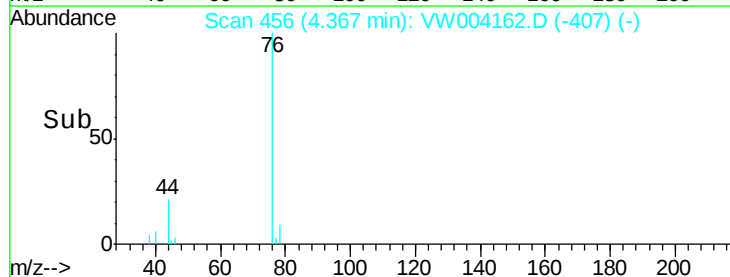
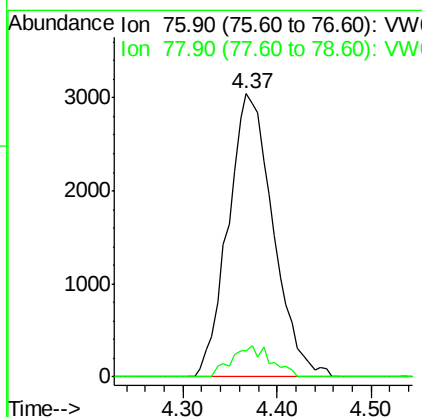
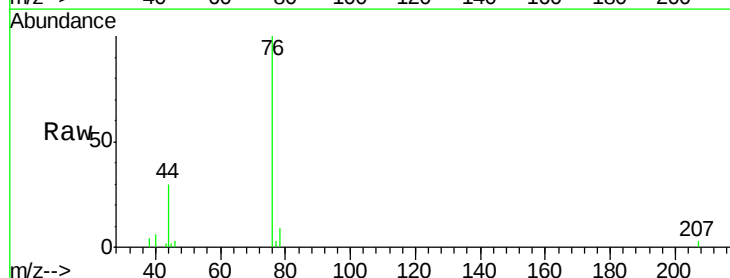
Instrument :
MSVOA_W
ClientSampleId :

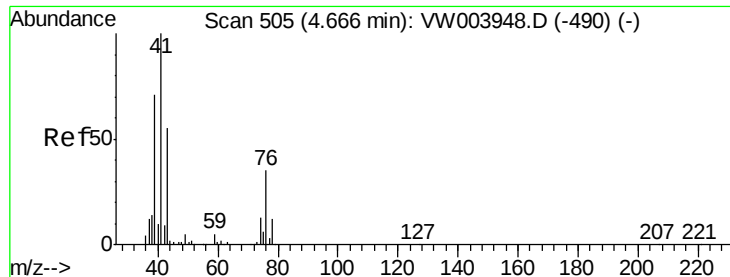
Tot Ion: 43 Resp: 47853
Ion Ratio Lower Upper
43 100
58 32.0 24.5 36.7



#17
Carbon Disulfide
Concen: 2.535 ug/l
RT: 4.37 min Scan# 456
Delta R.T. 0.00 min
Lab File: VW004162.D
Acq: 24 Jul 2018 03:45

Tgt Ion: 76 Resp: 10120
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7

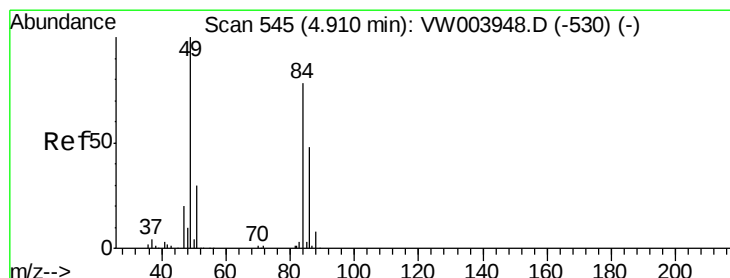
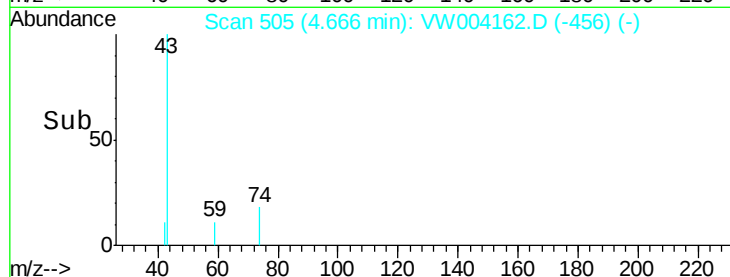
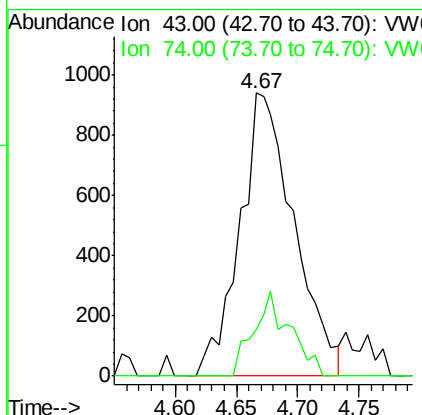
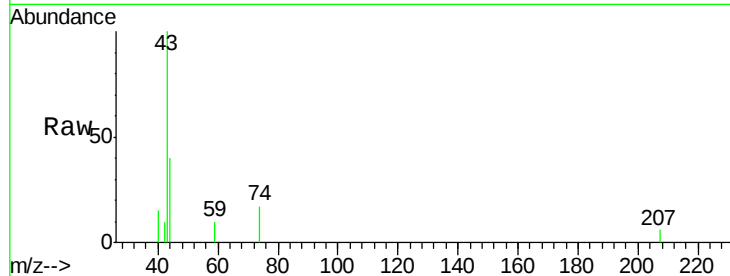




#18
Methvl Acetate
Concen: 3.420 ug/l
RT: 4.67 min Scan# 505
Delta R.T. 0.00 min
Lab File: VW004162.D
Acq: 24 Jul 2018 03:45

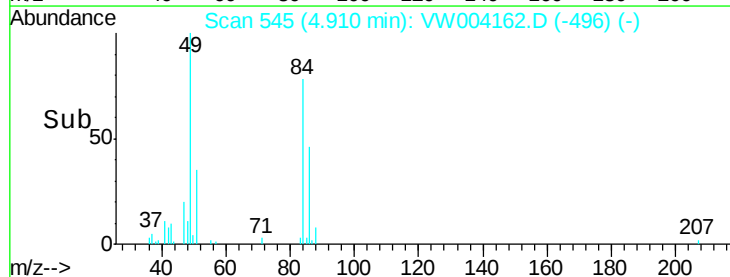
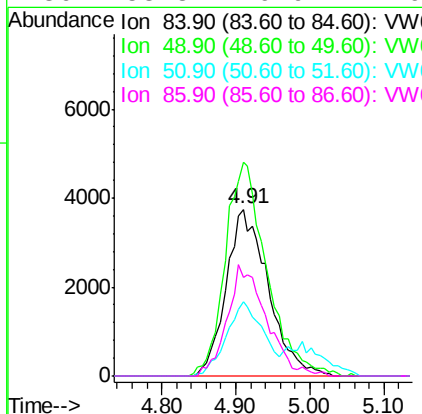
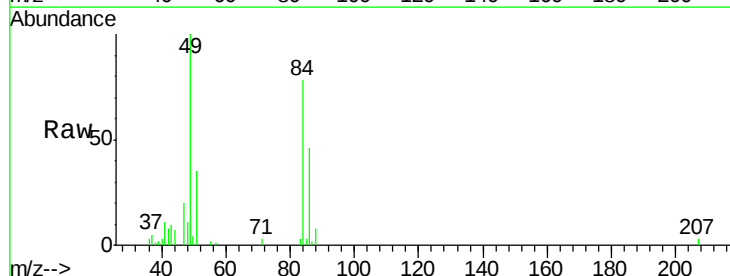
Instrument :
MSVOA_W
ClientSampled :

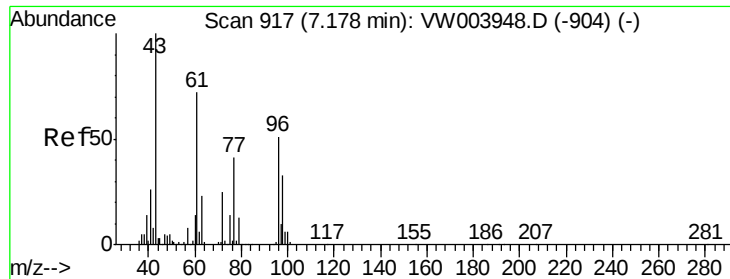
Tot Ion: 43 Resp: 2902
Ion Ratio Lower Upper
43 100
74 20.3 17.7 26.5



#20
Methylene Chloride
Concen: 1.890 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004162.D
Acq: 24 Jul 2018 03:45

Tgt Ion: 84 Resp: 14752
Ion Ratio Lower Upper
84 100
49 127.9 102.9 154.3
51 44.5 30.9 46.3
86 58.8 49.9 74.9





#25

2-Butanone

Concen: 18.833 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW004162.D

Acq: 24 Jul 2018 03:45

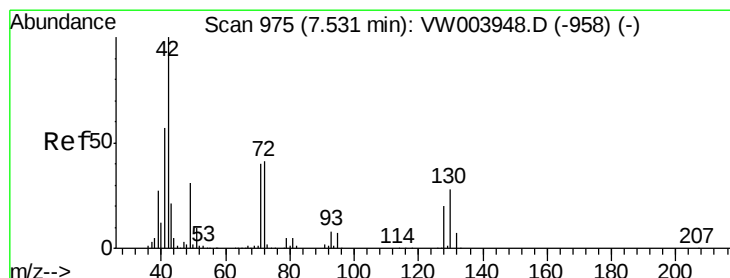
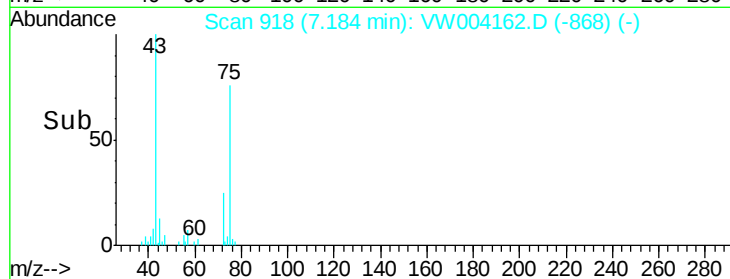
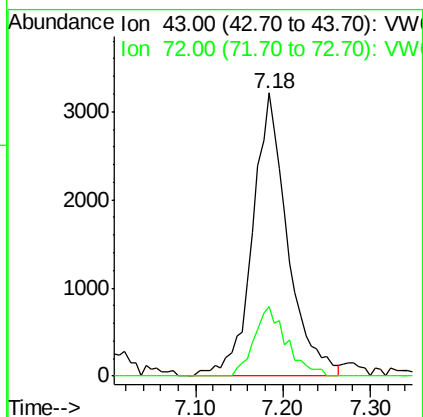
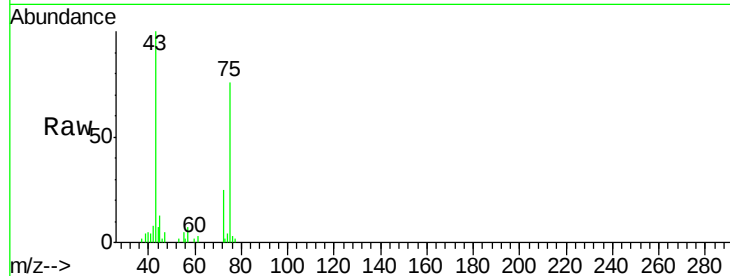
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 8958

Ion Ratio Lower Upper

43 100

72 24.6 19.8 29.6



#29

Tetrahydrofuran

Concen: 1.860 ug/l

RT: 7.54 min Scan# 977

Delta R.T. 0.01 min

Lab File: VW004162.D

Acq: 24 Jul 2018 03:45

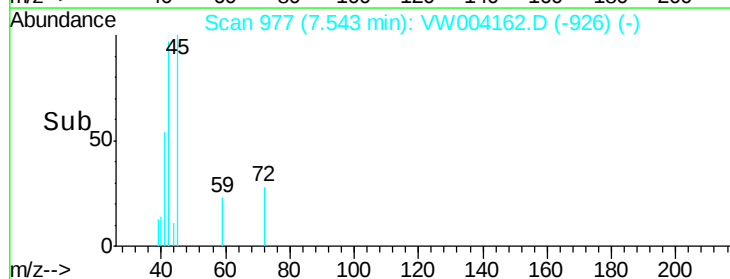
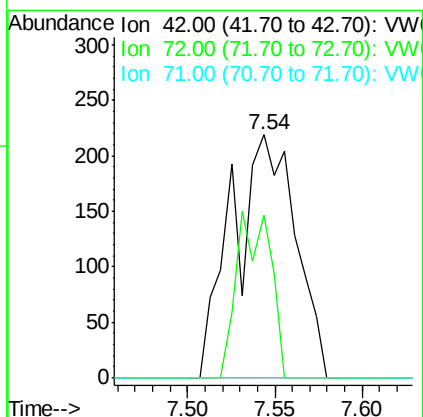
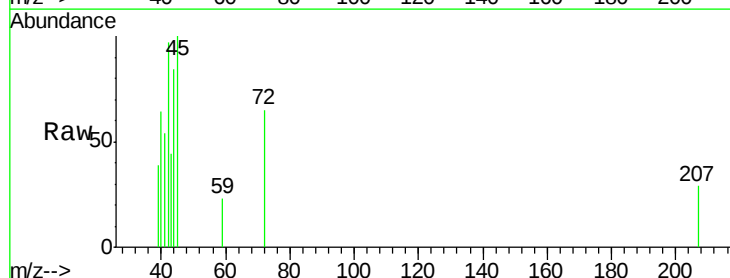
Tgt Ion: 42 Resp: 551

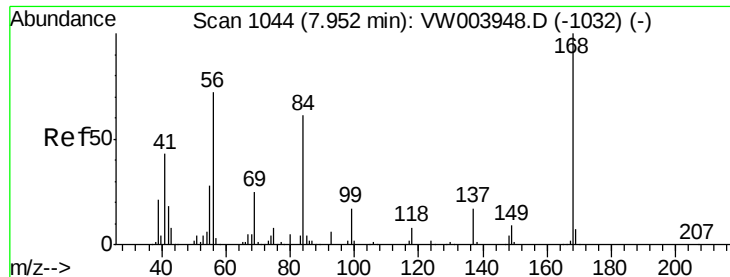
Ion Ratio Lower Upper

42 100

72 36.8 32.6 48.8

71 0.0 30.5 45.7#





#31

Cyclohexane

Concen: 1.499 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004162.D

Acq: 24 Jul 2018 03:45

Instrument :
MSVOA_W
ClientSampleId :

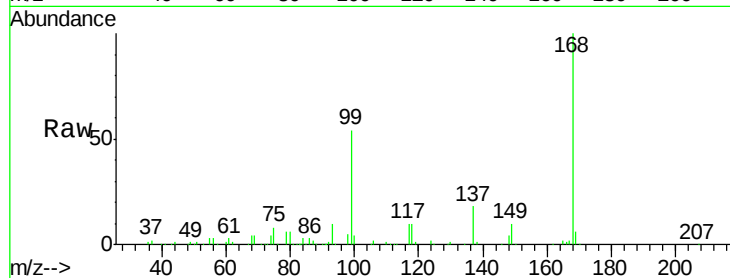
Tot Ion: 56 Resp: 3659

Ion Ratio Lower Upper

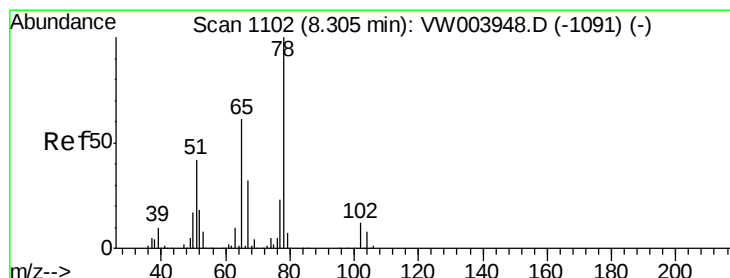
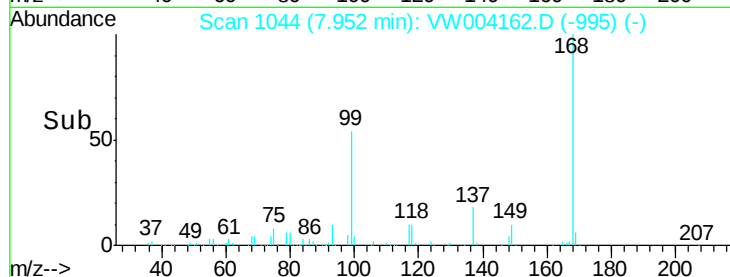
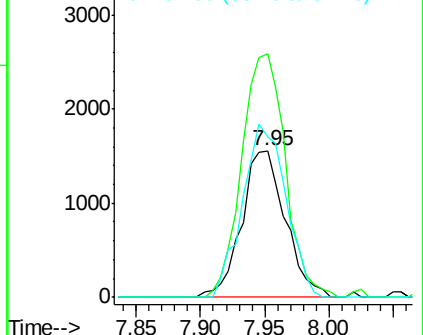
56 100

69 165.7 27.8 41.8#

84 109.5 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



#33

1,2-Dichloroethane-d4

Concen: 65.699 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VW004162.D

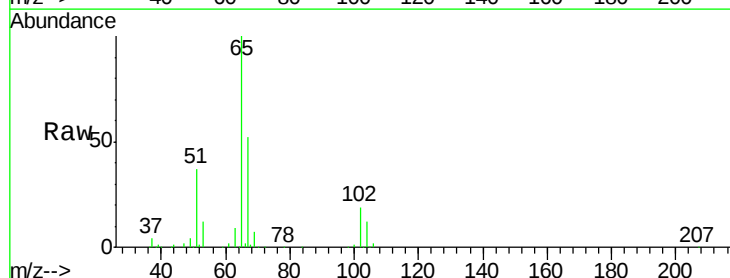
Acq: 24 Jul 2018 03:45

Tgt Ion: 65 Resp: 96640

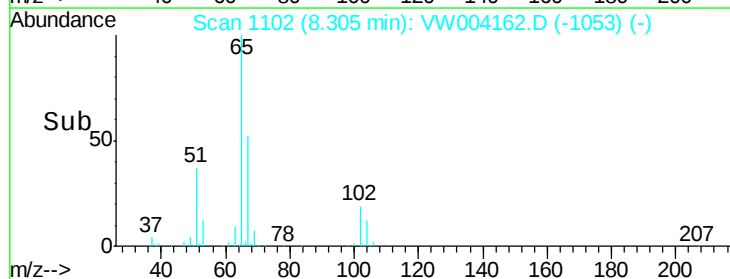
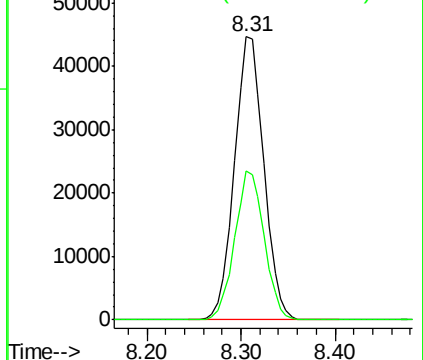
Ion Ratio Lower Upper

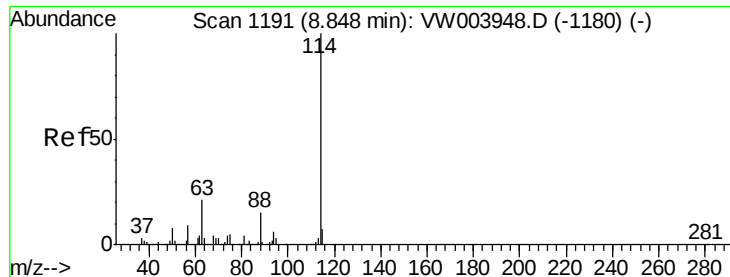
65 100

67 52.5 0.0 105.0



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: VW004162.D

Acq: 24 Jul 2018 03:45

Instrument :

MSVOA_W

ClientSampleId :

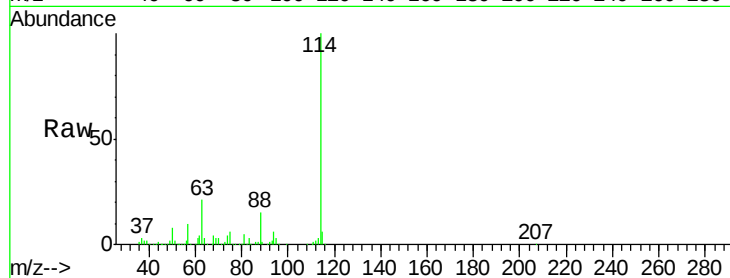
Tot Ion:114 Resp: 233458

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.8

88 15.3 0.0 30.4



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

150000

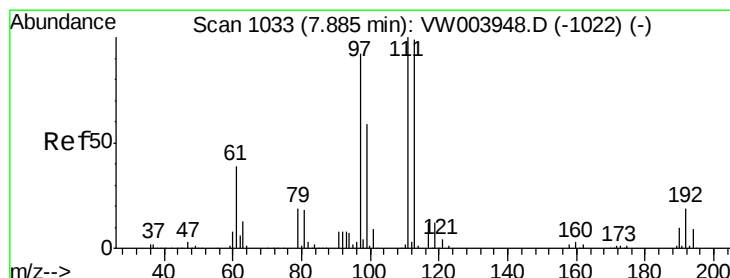
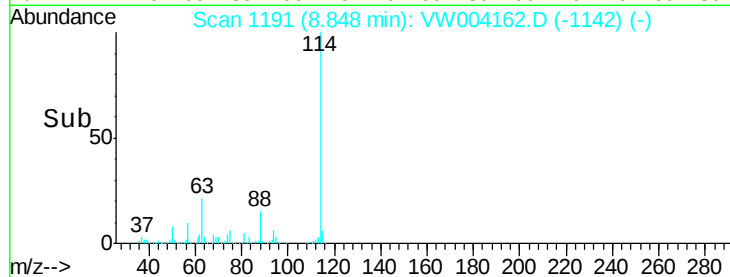
100000

50000

0

8.80 8.90

Time-->



#35

Dibromofluoromethane

Concen: 47.524 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW004162.D

Acq: 24 Jul 2018 03:45

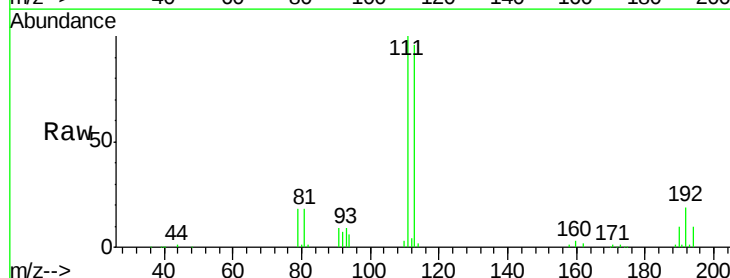
Tgt Ion:113 Resp: 71187

Ion Ratio Lower Upper

113 100

111 102.9 81.3 121.9

192 19.7 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

40000

30000

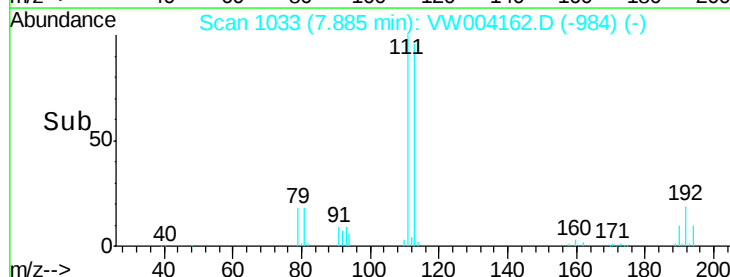
20000

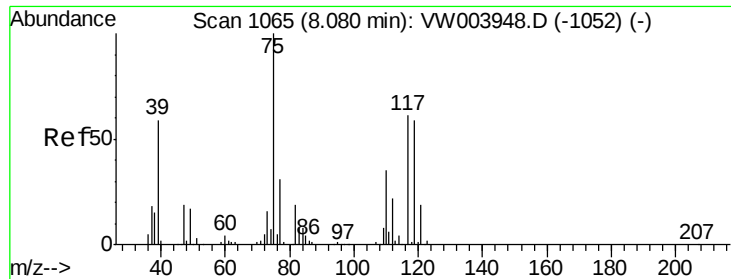
10000

0

7.80 7.90 8.00

Time-->

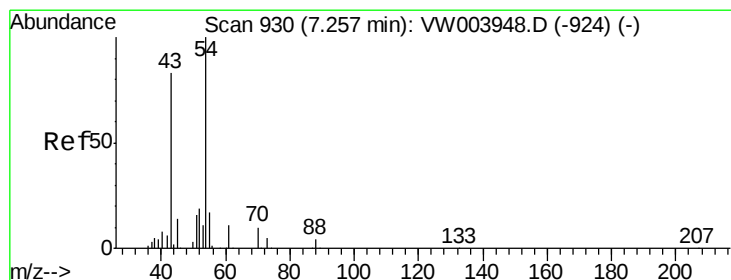
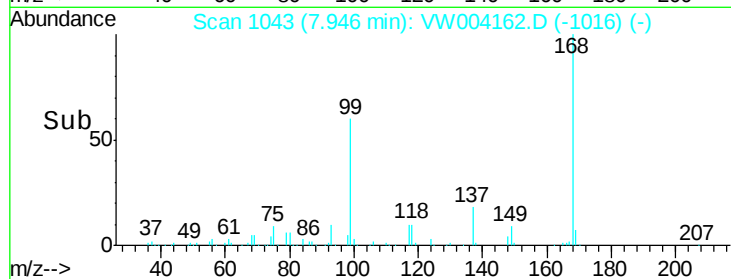
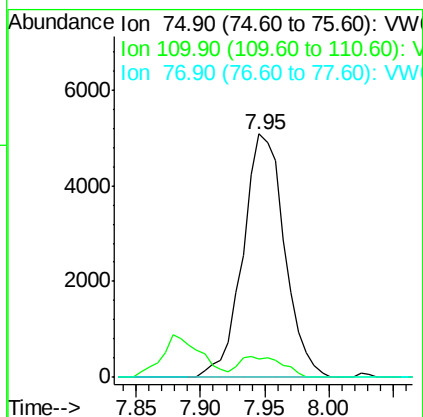
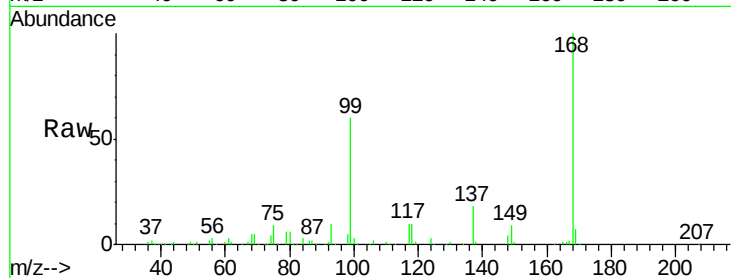




#36
 1,1-Dichloropropene
 Concen: 4.730 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW004162.D
 Acq: 24 Jul 2018 03:45

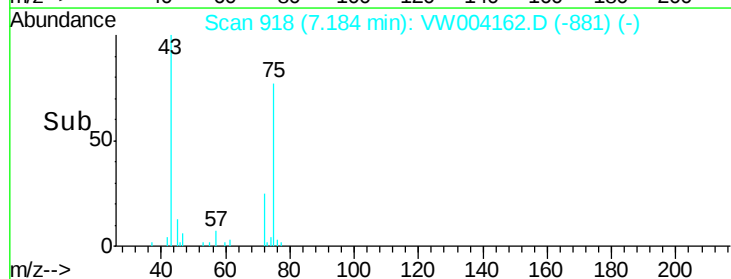
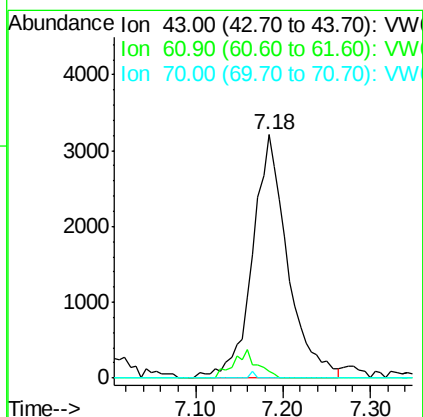
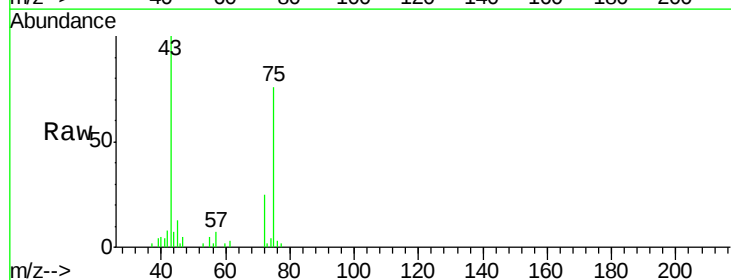
Instrument :
 MSVOA_W
 ClientSampleID :

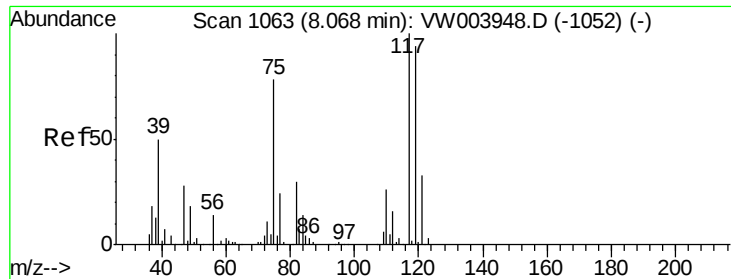
Tot Ion: 75 Resp: 11362
 Ion Ratio Lower Upper
 75 100
 110 9.0 17.0 51.0#
 77 0.0 24.9 37.3#



#37
 Ethyl Acetate
 Concen: 7.732 ug/l
 RT: 7.18 min Scan# 918
 Delta R.T. -0.07 min
 Lab File: VW004162.D
 Acq: 24 Jul 2018 03:45

Tgt Ion: 43 Resp: 8958
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.7 16.1#
 70 0.0 7.7 11.5#

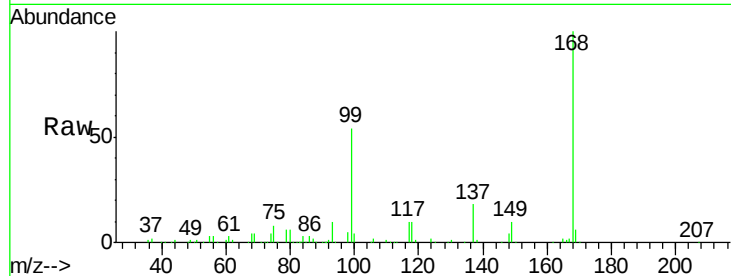




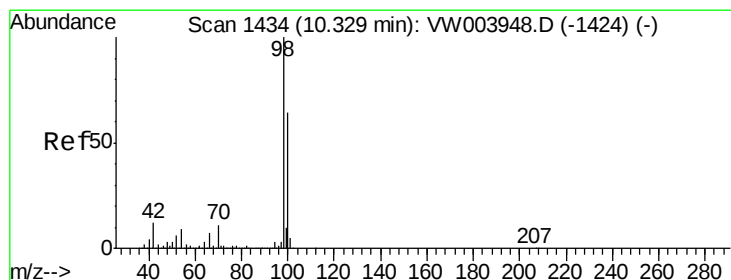
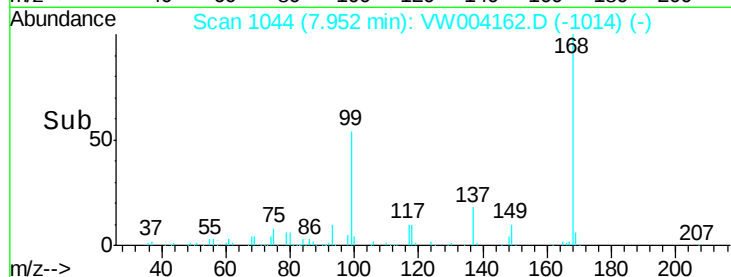
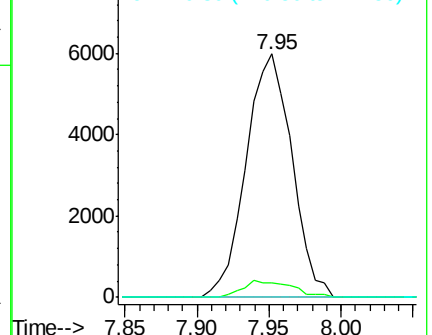
#38
Carbon Tetrachloride
Concen: 5.869 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW004162.D
Acq: 24 Jul 2018 03:45

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 13173
Ion Ratio Lower Upper
117 100
119 6.1 75.3 112.9#
121 0.0 26.0 39.0#

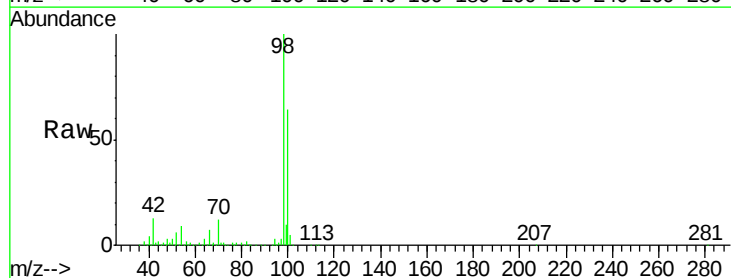


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

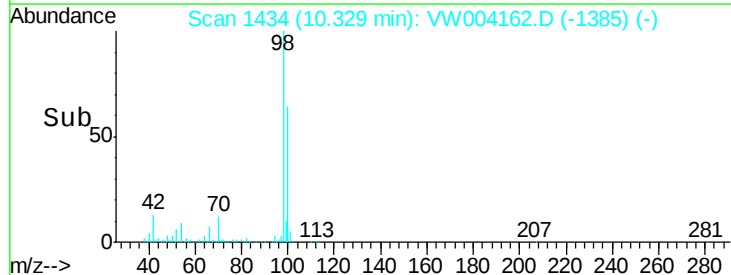
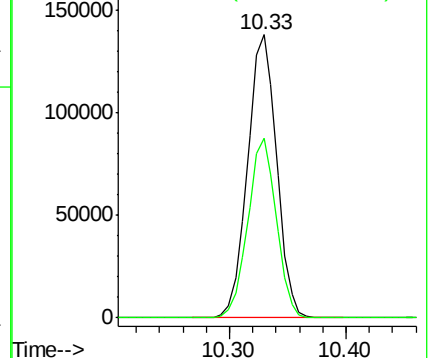


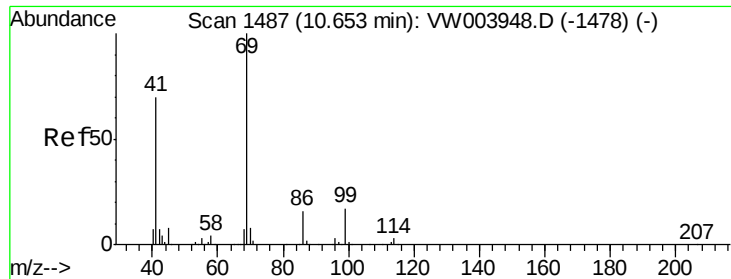
#50
Toluene-d8
Concen: 41.460 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004162.D
Acq: 24 Jul 2018 03:45

Tgt Ion: 98 Resp: 240978
Ion Ratio Lower Upper
98 100
100 62.2 51.2 76.8



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





#56

Ethyl methacrylate

Concen: 2.995 ug/l

RT: 10.85 min Scan# 1520

Delta R.T. 0.20 min

Lab File: VW004162.D

Acq: 24 Jul 2018 03:45

Instrument :

MSVOA_W

ClientSampleId :

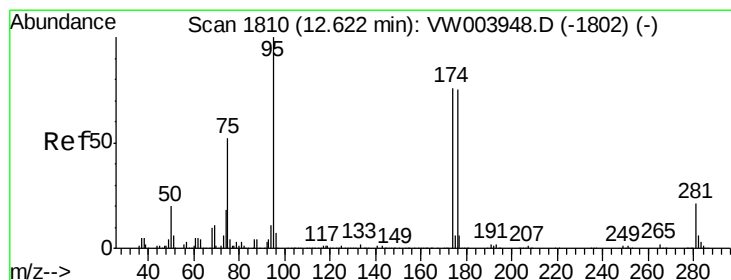
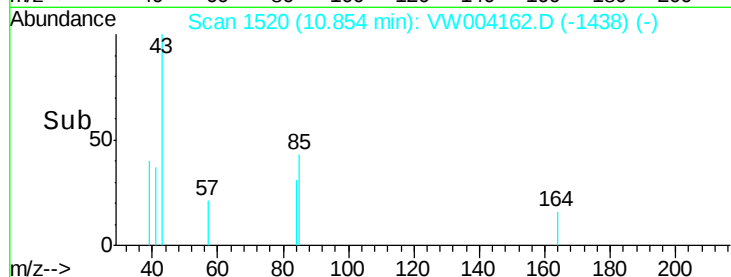
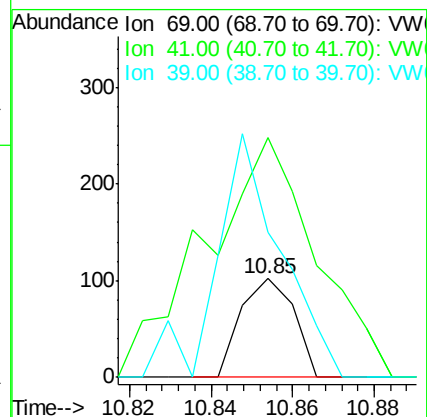
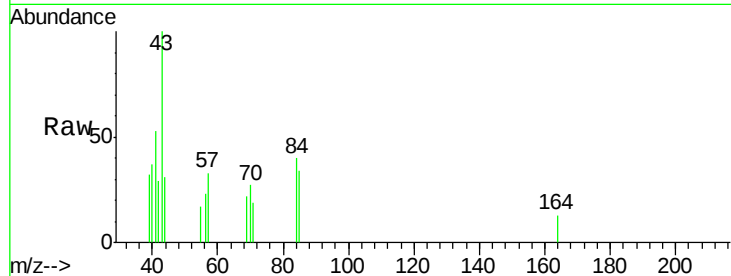
Tot Ion: 69 Resp: 92

Ion Ratio Lower Upper

69 100

41 510.9 56.5 84.7#

39 298.9 30.2 45.4#



#62

4-Bromofluorobenzene

Concen: 29.930 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW004162.D

Acq: 24 Jul 2018 03:45

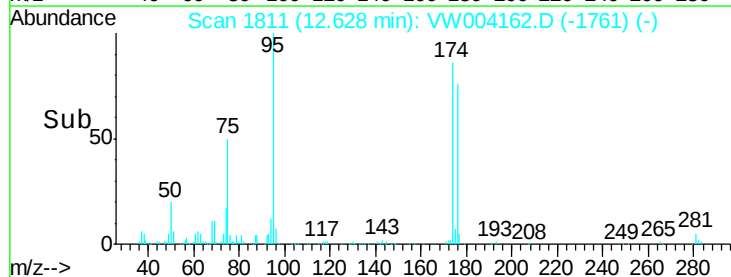
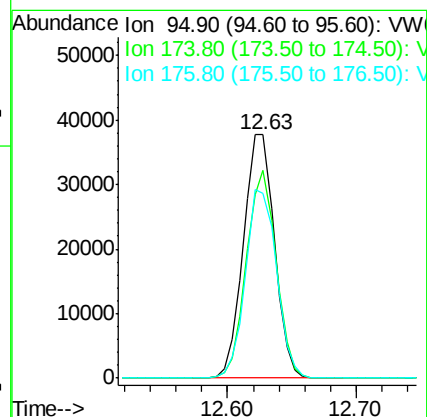
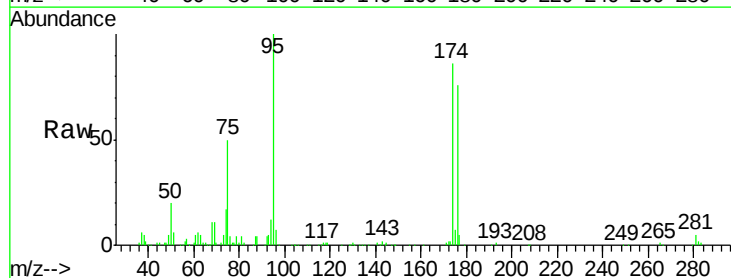
Tgt Ion: 95 Resp: 62732

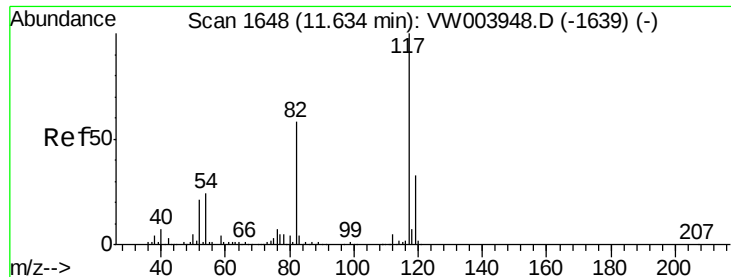
Ion Ratio Lower Upper

95 100

174 81.7 0.0 160.2

176 77.9 0.0 155.8

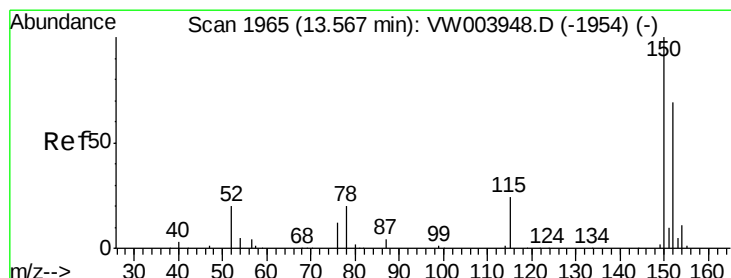
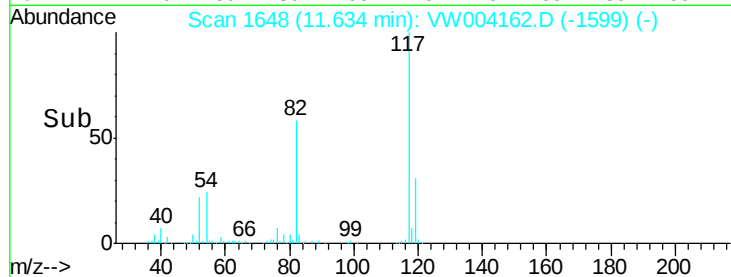
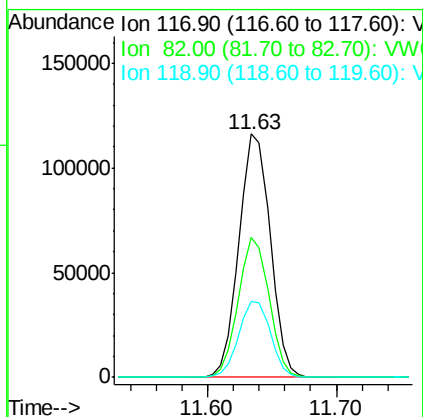
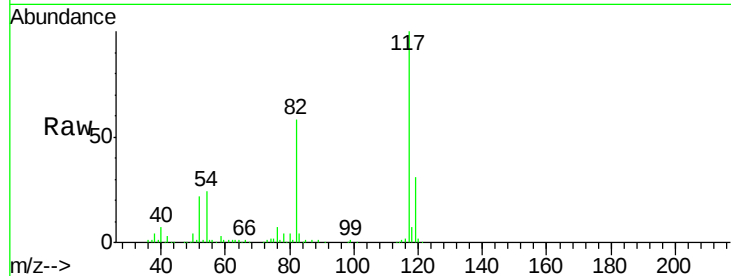




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004162.D
Acq: 24 Jul 2018 03:45

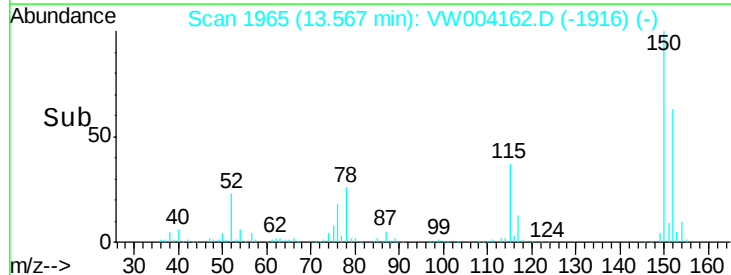
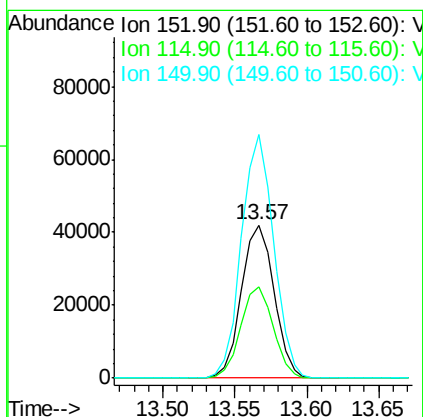
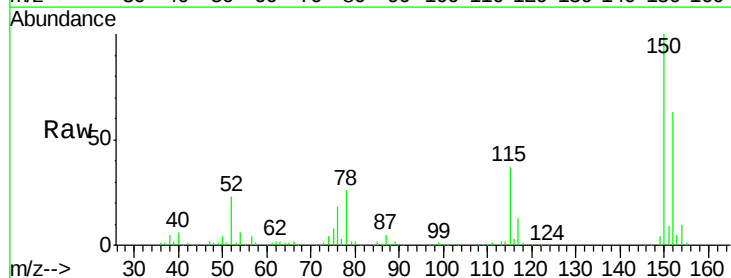
Instrument :
MSVOA_W
ClientSampleId :

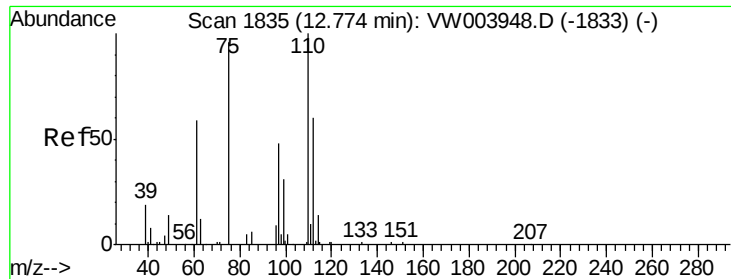
Tot Ion	Ratio	Lower	Upper
117	100		
82	57.6	46.5	69.7
119	31.1	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004162.D
Acq: 24 Jul 2018 03:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.4	29.2	87.6
150	156.2	0.0	345.2

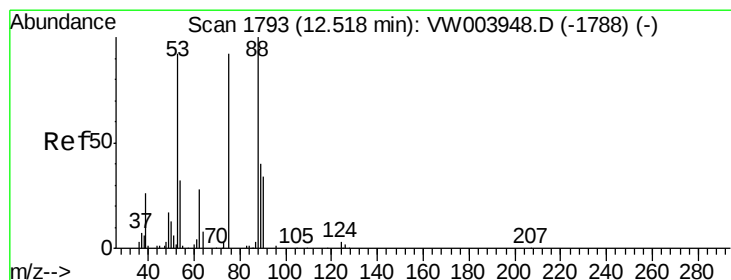
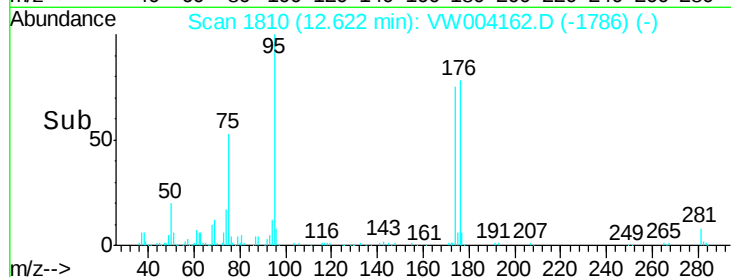
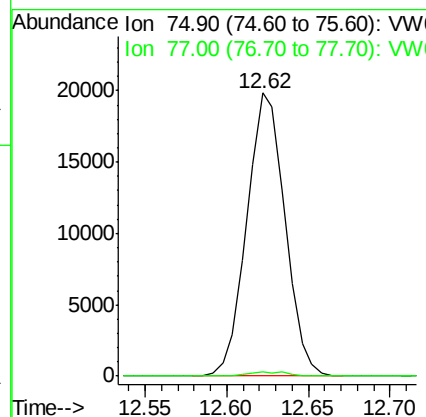
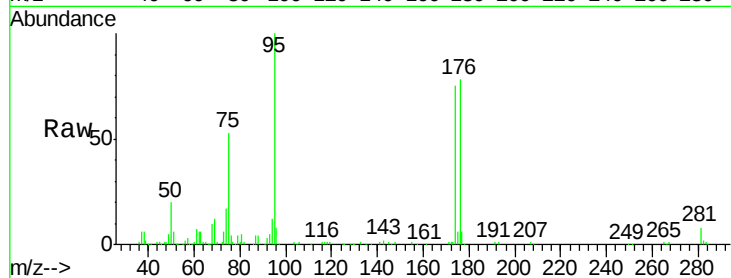




#76
 1,2,3-Trichloropropane
 Concen: 49.227 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.15 min
 Lab File: VW004162.D
 Acq: 24 Jul 2018 03:45

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 32442
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.889 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW004162.D
 Acq: 24 Jul 2018 03:45

Tgt Ion: 75 Resp: 32442
 Ion Ratio Lower Upper
 75 100
 53 0.1 77.6 116.4#
 89 0.0 36.6 54.8#

