

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110518\
 Data File : VW006667.D
 Acq On : 06 Nov 2018 06:20
 Operator : SY/AP
 Sample : J5771-01
 Misc : 6.71G/5ML/MSVOA W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 06 08:39:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	281169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	433163	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	374563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	159190	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	120109	49.70	ug/l	0.00
Spiked Amount			Recovery	=	99.40%	
35) Dibromofluoromethane	7.88	113	119237	43.86	ug/l	0.00
Spiked Amount			Recovery	=	87.72%	
50) Toluene-d8	10.33	98	442538	42.76	ug/l	0.00
Spiked Amount			Recovery	=	85.52%	
62) 4-Bromofluorobenzene	12.62	95	136852	36.48	ug/l	0.00
Spiked Amount			Recovery	=	72.96%	

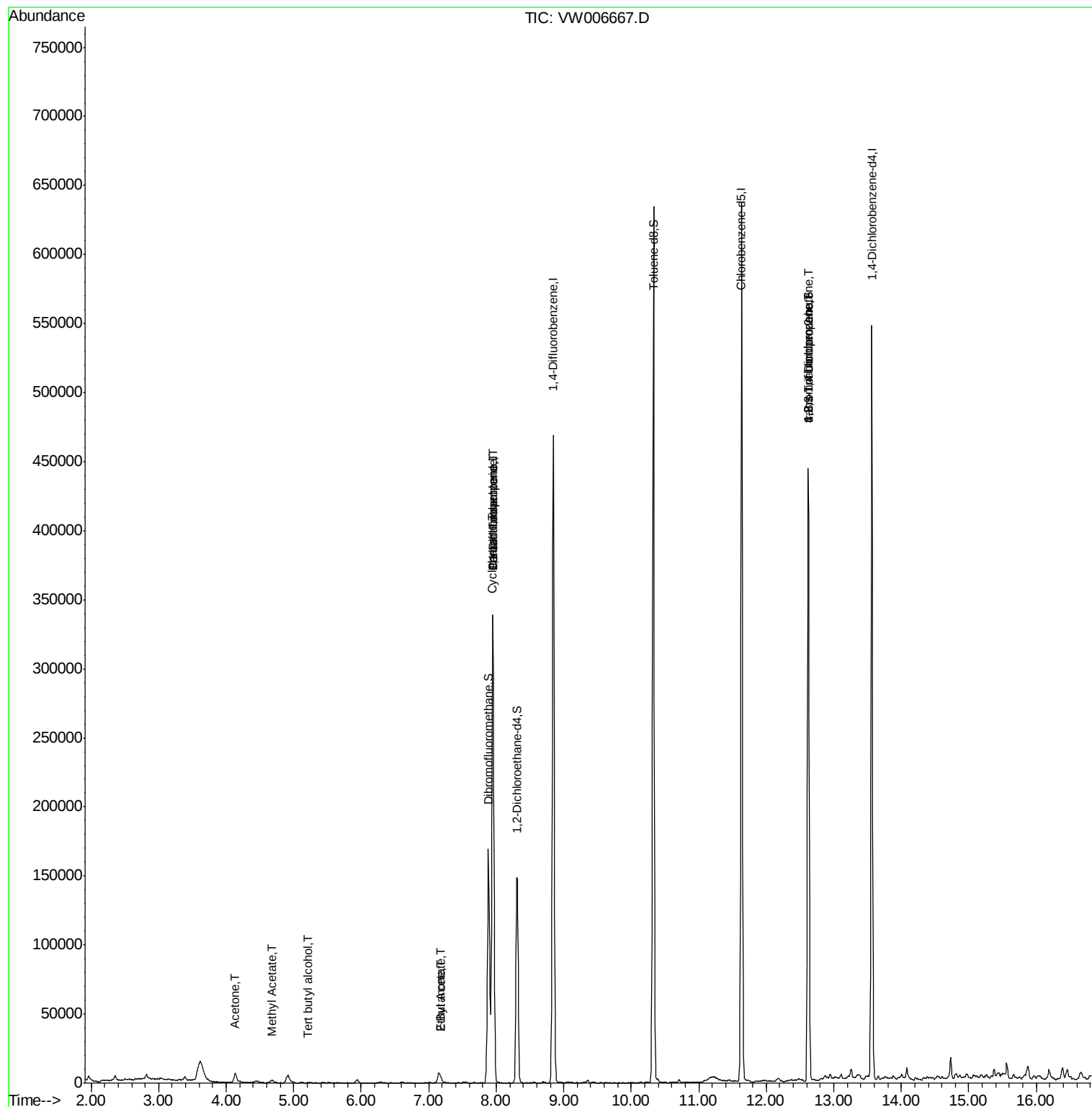
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	180	1.382	ug/l #	84
16) Acetone	4.14	43	12641	32.395	ug/l	96
18) Methyl Acetate	4.68	43	3596	3.205	ug/l	97
20) Methylene Chloride	4.91	84	4932	Below Cal		90
25) 2-Butanone	7.18	43	3498	6.282	ug/l	92
31) Cyclohexane	7.94	56	4665	1.212	ug/l #	31
36) 1,1-Dichloropropene	7.95	75	17207	4.517	ug/l #	48
37) Ethyl Acetate	7.18	43	3498	2.650	ug/l #	66
38) Carbon Tetrachloride	7.95	117	24486	6.152	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	67040	53.975	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	67040	135.003	ug/l #	11

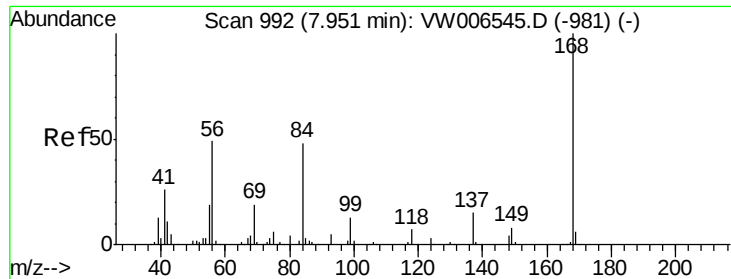
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110518\
Data File : VW006667.D
Acq On : 06 Nov 2018 06:20
Operator : SY/AP
Sample : J5771-01
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ALS Vial : 47 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Quant Time: Nov 06 08:39:35 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006667.D

Acq: 06 Nov 2018 06:20

Instrument :

MSVOA_W

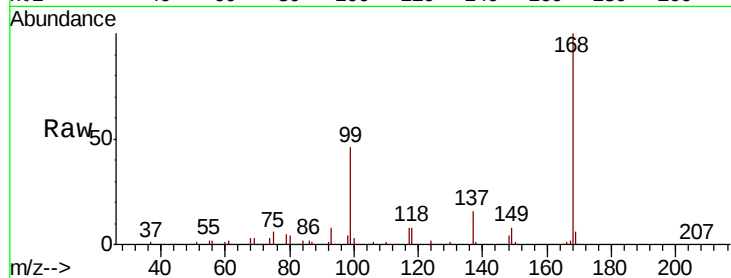
ClientSampleId :

Tot Ion:168 Resp: 281169

Ion Ratio Lower Upper

168 100

99 46.3 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

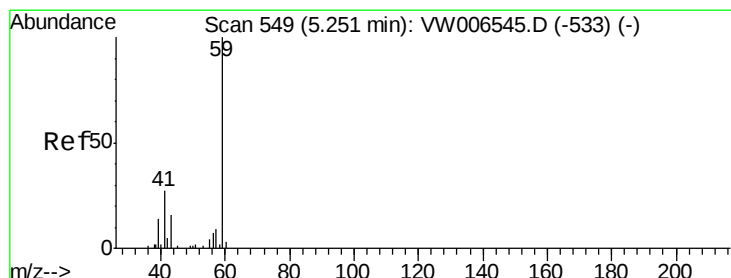
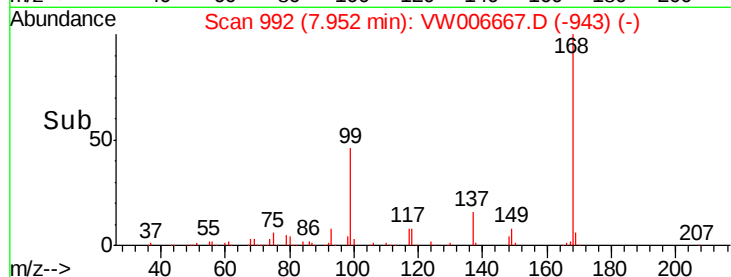
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.382 ug/l

RT: 5.21 min Scan# 542

Delta R.T. -0.04 min

Lab File: VW006667.D

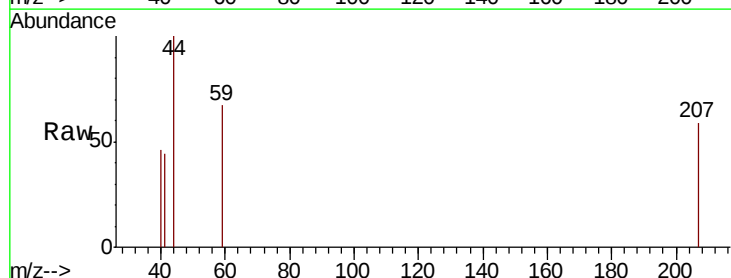
Acq: 06 Nov 2018 06:20

Tgt Ion: 59 Resp: 180

Ion Ratio Lower Upper

59 100

57 0.0 4.3 6.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

100

80

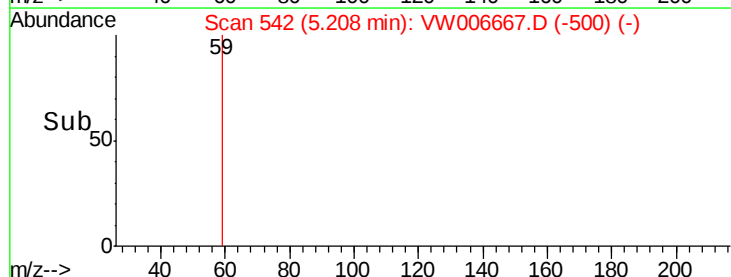
60

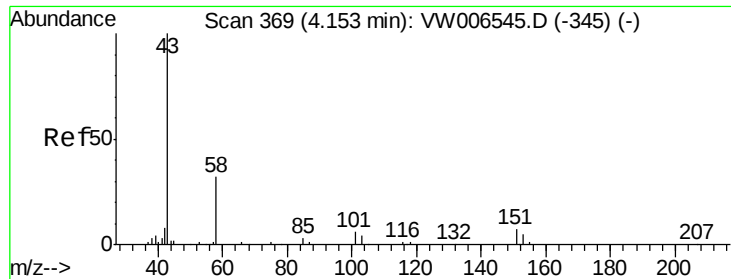
40

20

0

Time-->





#16

Acetone

Concen: 32.395 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.02 min

Lab File: VW006667.D

Acq: 06 Nov 2018 06:20

Instrument :

MSVOA_W

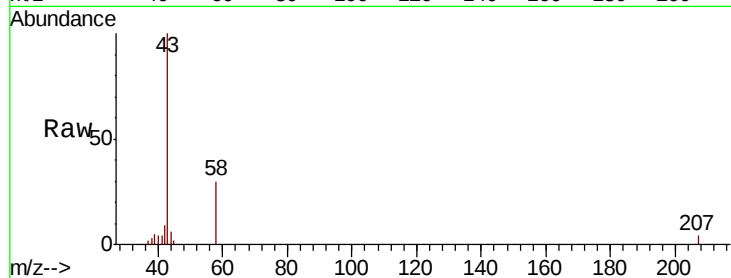
ClientSampleId :

Tot Ion: 43 Resp: 12641

Ion Ratio Lower Upper

43 100

58 29.8 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

4000

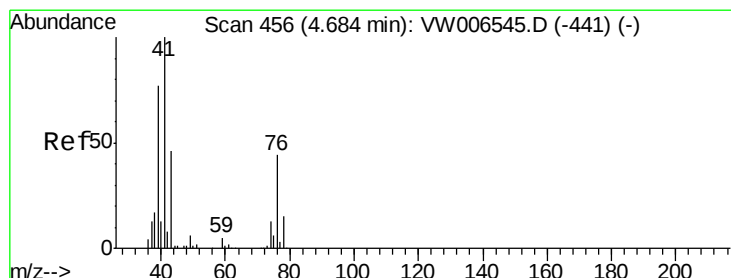
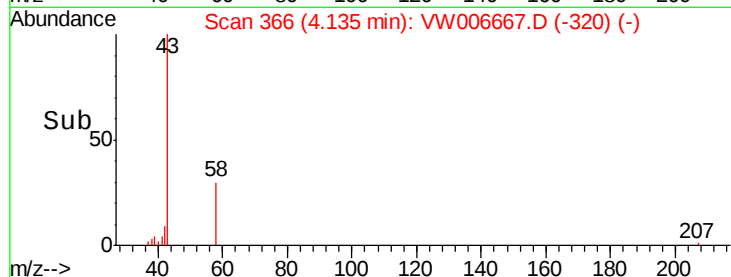
3000

2000

1000

0

Time-->



#18

Methyl Acetate

Concen: 3.205 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW006667.D

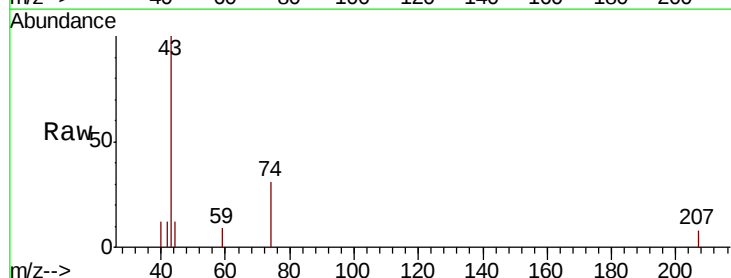
Acq: 06 Nov 2018 06:20

Tgt Ion: 43 Resp: 3596

Ion Ratio Lower Upper

43 100

74 28.7 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

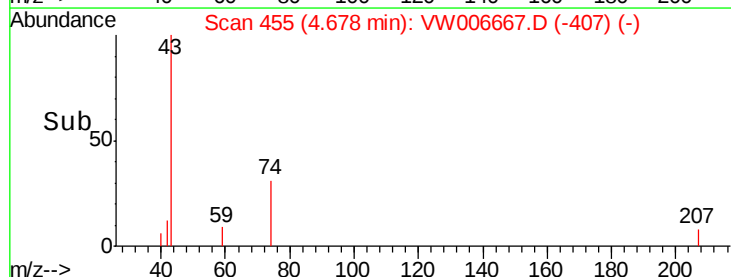
4.68

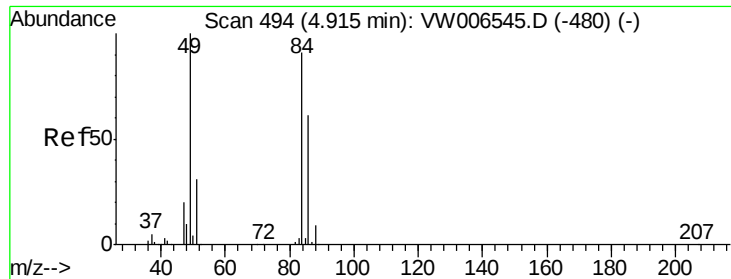
1000

500

0

Time-->



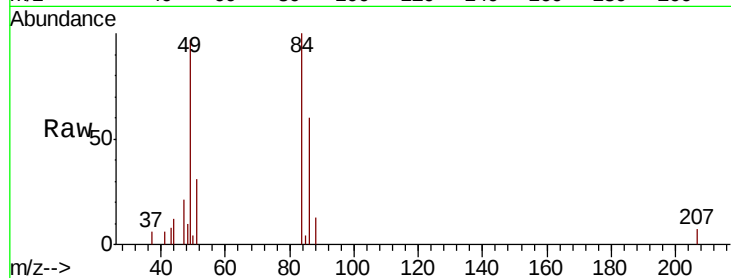


#20
Methvlene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006667.D
Acq: 06 Nov 2018 06:20

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 84 Resp: 4932

Ion	Ratio	Lower	Upper
84	100		
49	97.3	88.2	132.4
51	31.1	27.0	40.6
86	60.2	53.8	80.8



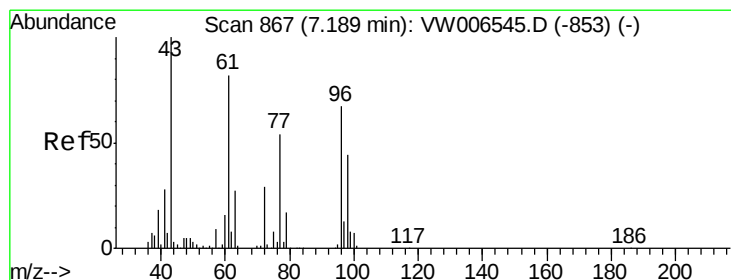
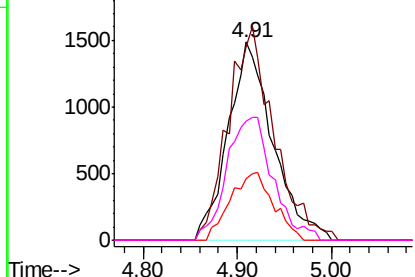
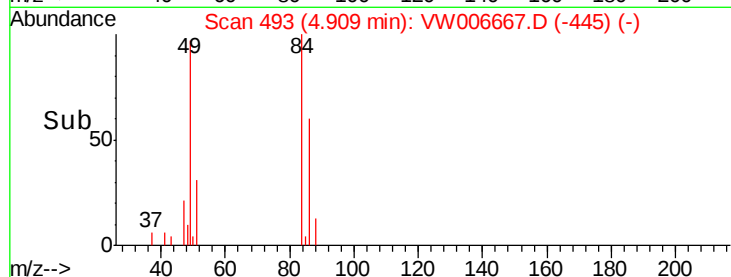
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

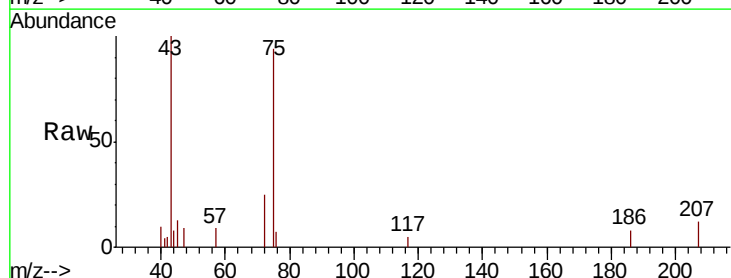
Ion 85.90 (85.60 to 86.60): VW



#25
2-Butanone
Concen: 6.282 ug/l
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: VW006667.D
Acq: 06 Nov 2018 06:20

Tgt Ion: 43 Resp: 3498

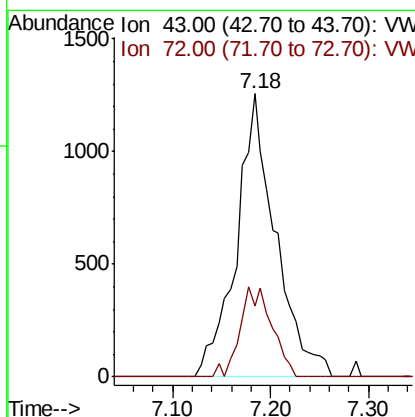
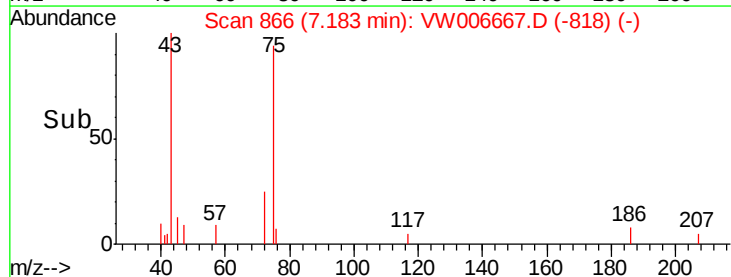
Ion	Ratio	Lower	Upper
43	100		
72	25.0	23.2	34.8

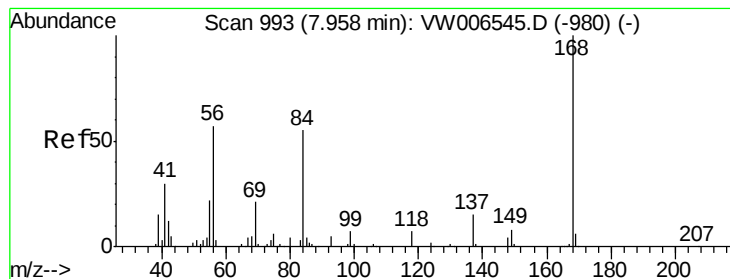


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#31

Cyclohexane

Concen: 1.212 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.02 min

Lab File: VW006667.D

Acq: 06 Nov 2018 06:20

Instrument :

MSVOA_W

ClientSampled :

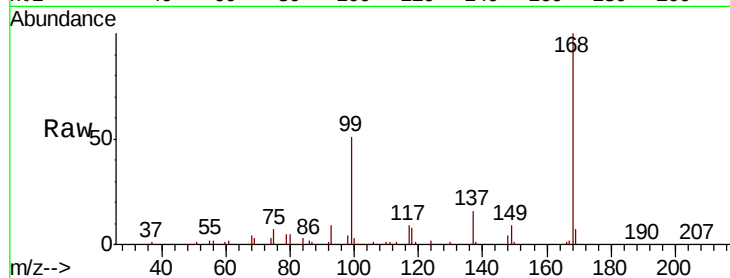
Tot Ion: 56 Resp: 4665

Ion Ratio Lower Upper

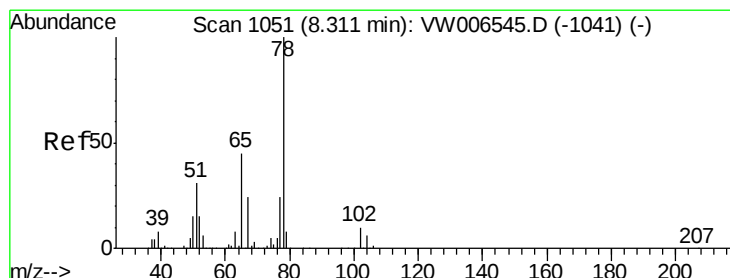
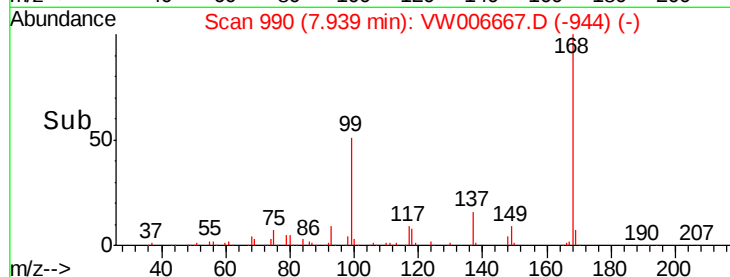
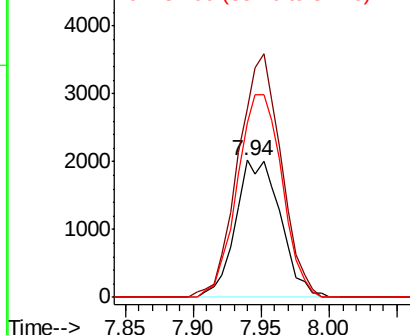
56 100

69 137.9 29.0 43.4#

84 127.4 77.8 116.6#



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: 49.695 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006667.D

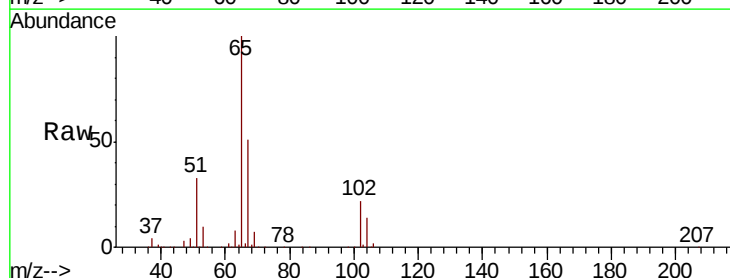
Acq: 06 Nov 2018 06:20

Tgt Ion: 65 Resp: 120109

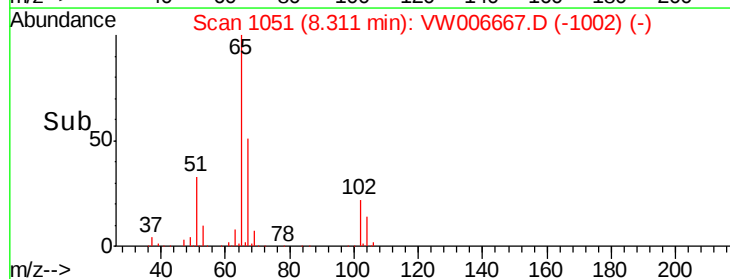
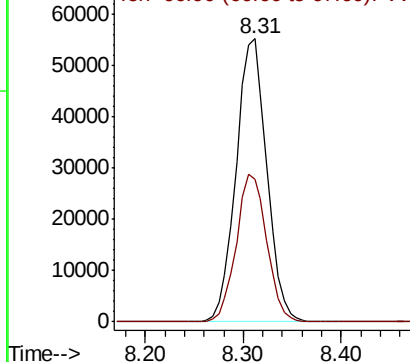
Ion Ratio Lower Upper

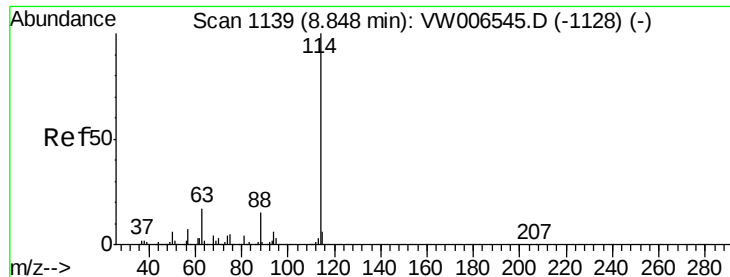
65 100

67 51.8 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

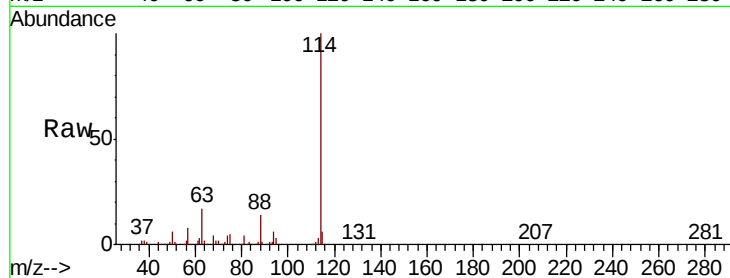




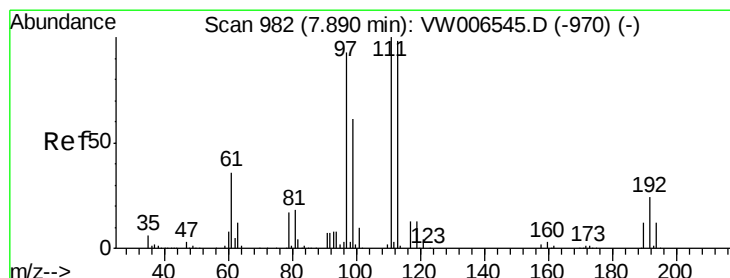
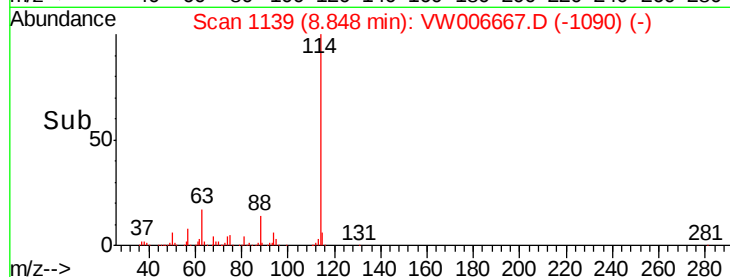
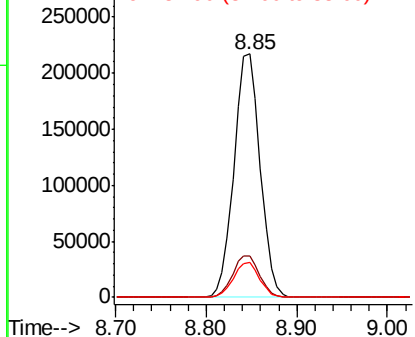
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VW006667.D
Acq: 06 Nov 2018 06:20

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	34.4
88	14.3	0.0	29.0

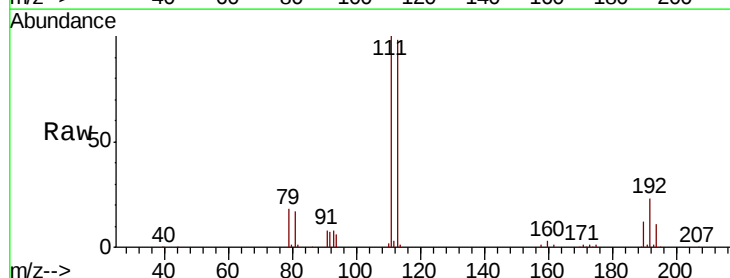


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

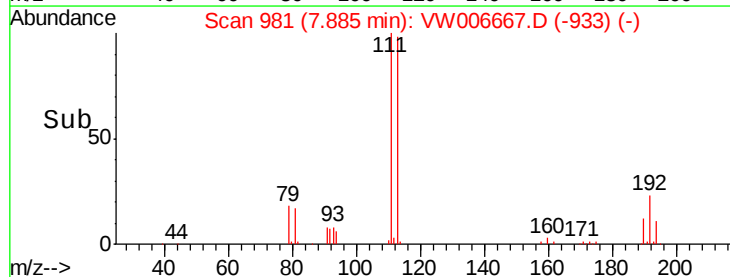
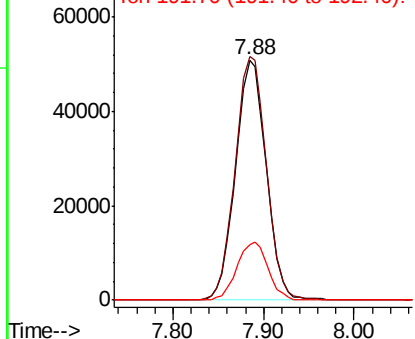


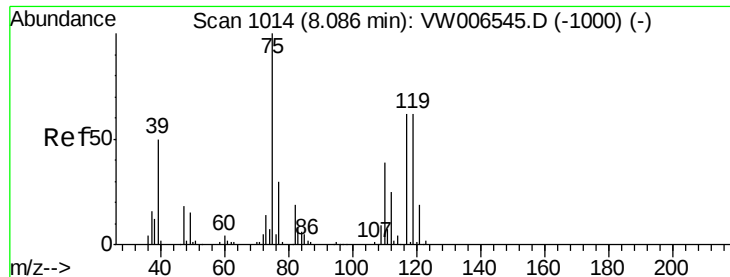
#35
Dibromofluoromethane
Concen: 43.862 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW006667.D
Acq: 06 Nov 2018 06:20

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.2	123.2
192	24.3	19.0	28.6



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

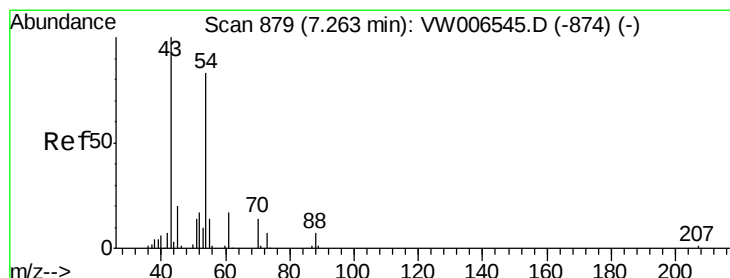
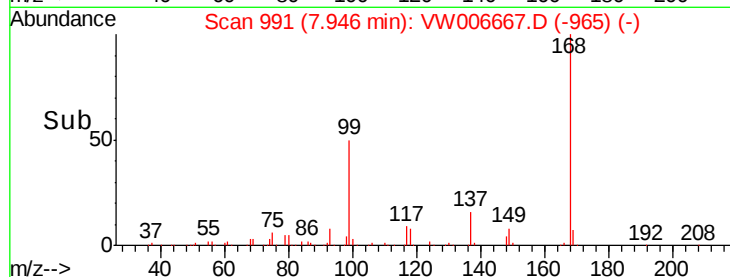
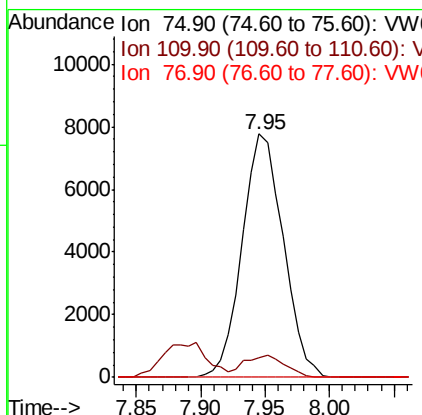
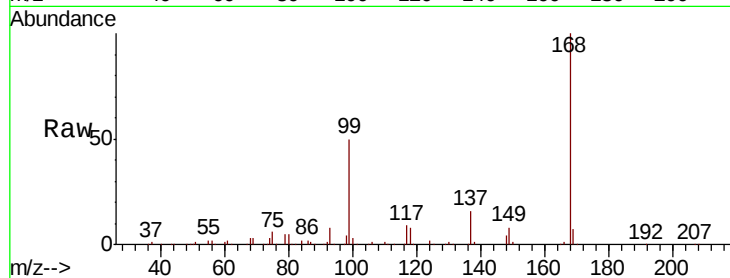




#36
 1,1-Dichloropropene
 Concen: 4.517 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006667.D
 Acq: 06 Nov 2018 06:20

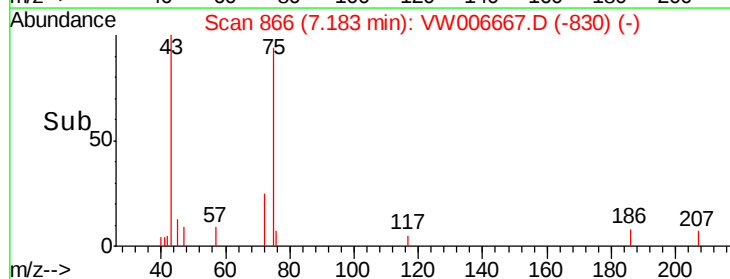
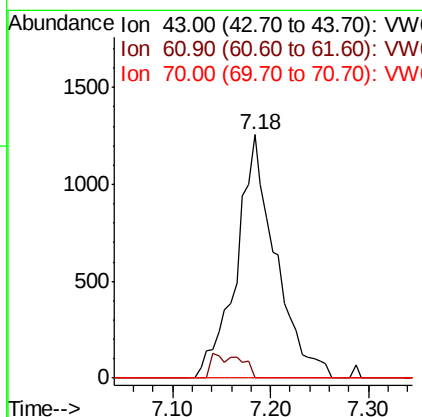
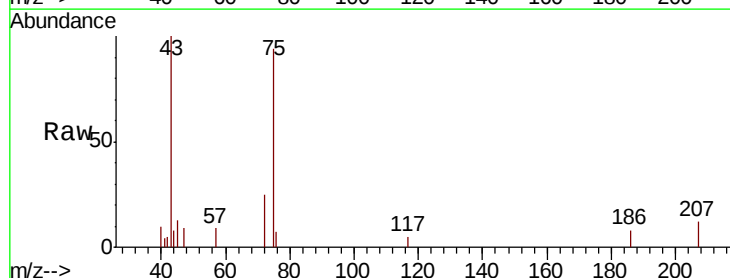
Instrument :
 MSVOA_W
 ClientSampleId :

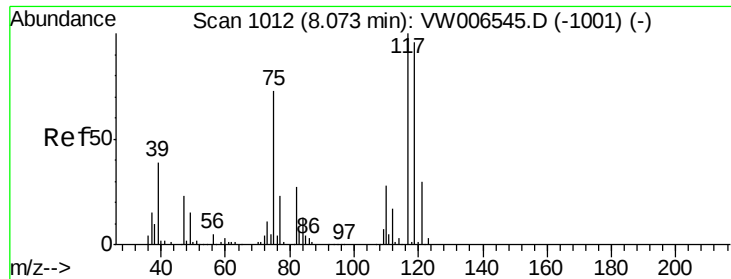
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.0	19.5	58.5#
77	0.0	24.6	37.0#



#37
 Ethyl Acetate
 Concen: 2.650 ug/l
 RT: 7.18 min Scan# 866
 Delta R.T. -0.08 min
 Lab File: VW006667.D
 Acq: 06 Nov 2018 06:20

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.1	18.1#
70	0.0	9.8	14.6#





#38

Carbon Tetrachloride

Concen: 6.152 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006667.D

Acq: 06 Nov 2018 06:20

Instrument :

MSVOA_W

ClientSampled :

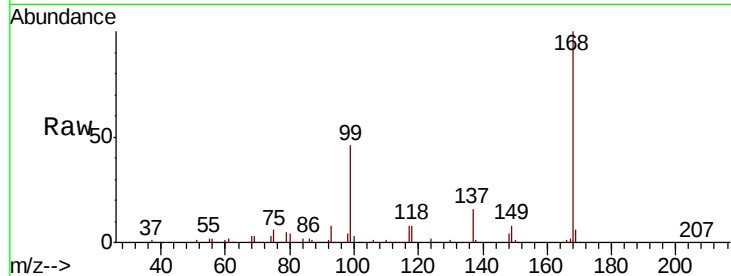
Tot Ion:117 Resp: 24486

Ion Ratio Lower Upper

117 100

119 5.7 76.3 114.5#

121 0.0 24.1 36.1#

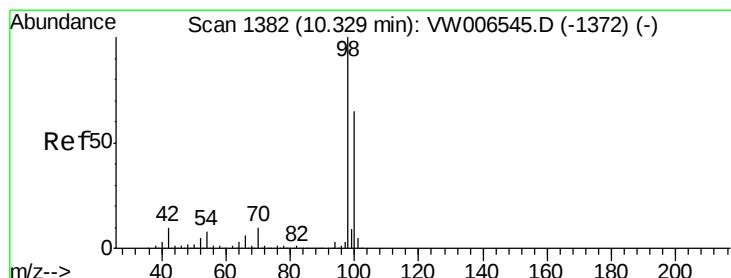
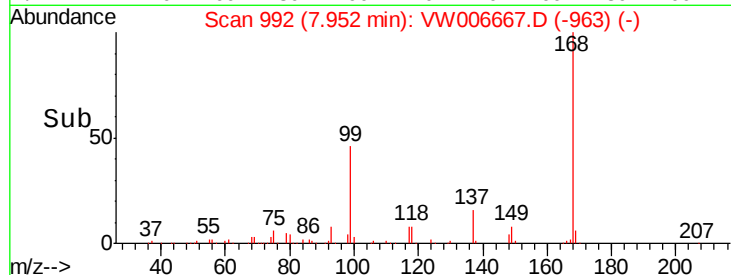
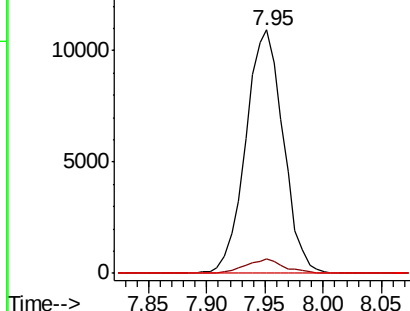


Abundance

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: 42.763 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006667.D

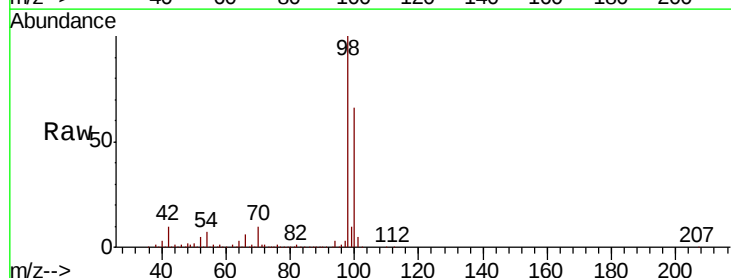
Acq: 06 Nov 2018 06:20

Tgt Ion: 98 Resp: 442538

Ion Ratio Lower Upper

98 100

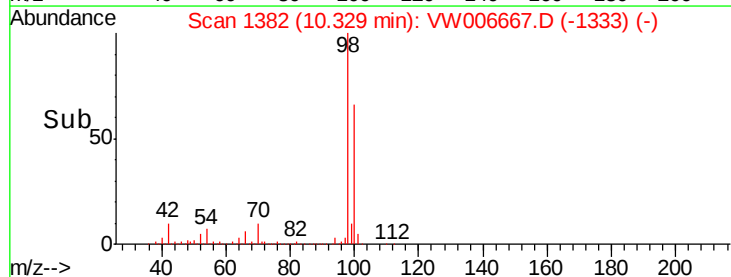
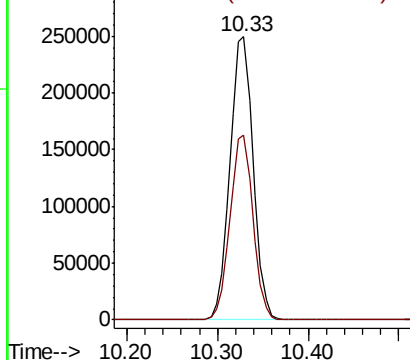
100 64.6 51.6 77.4

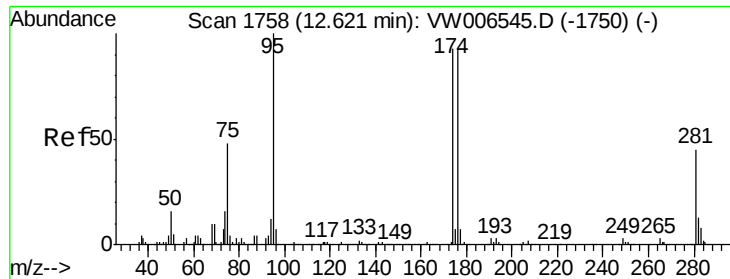


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

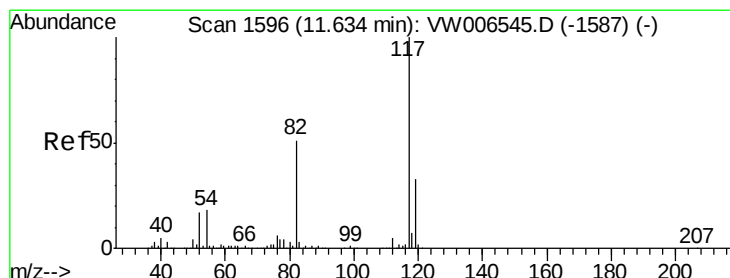
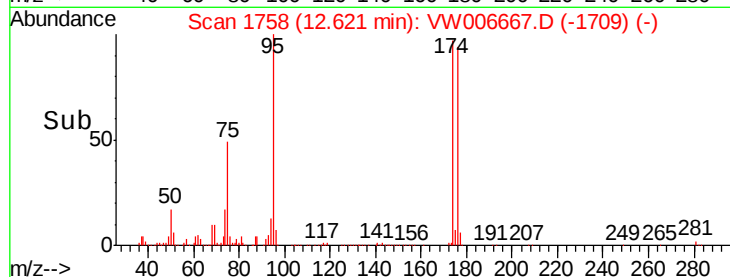
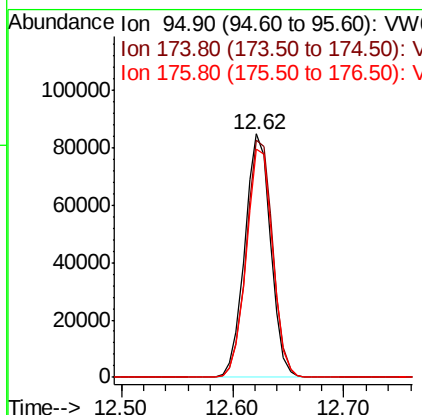
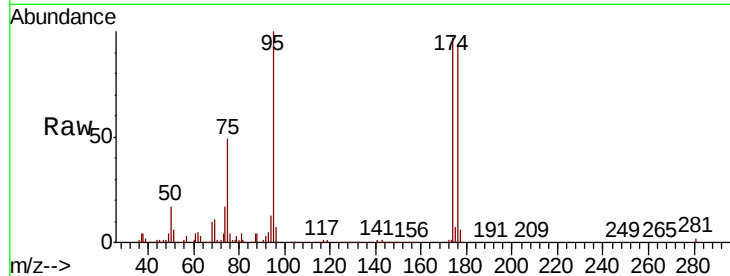




#62
4-Bromofluorobenzene
Concen: 36.477 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006667.D
Acq: 06 Nov 2018 06:20

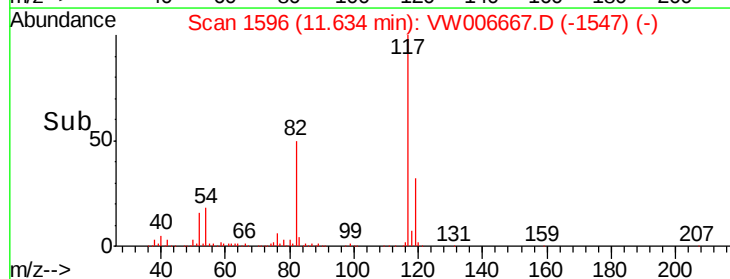
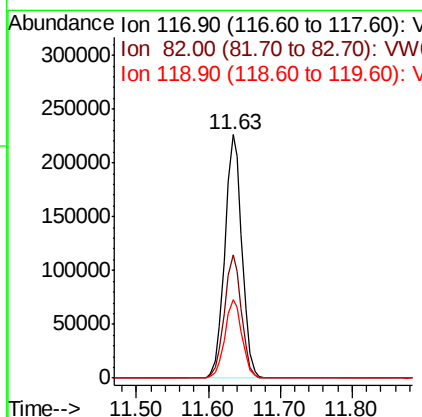
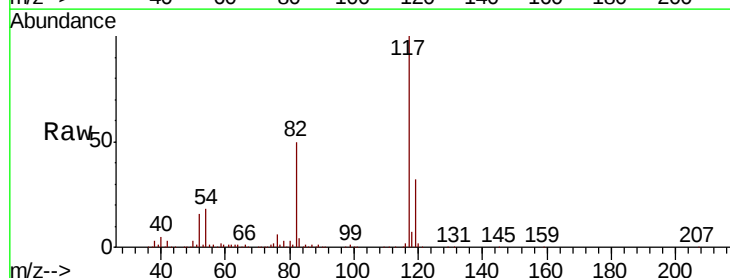
Instrument :
MSVOA_W
ClientSampled :

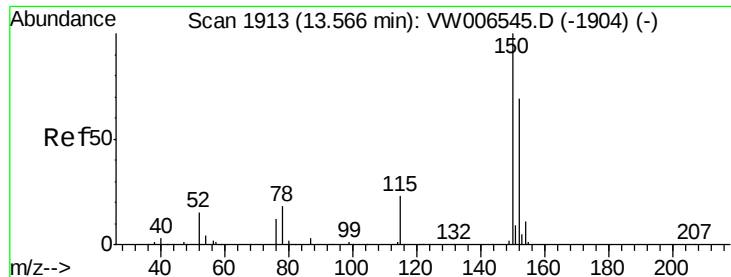
Tot Ion: 95 Resp: 136852
Ion Ratio Lower Upper
95 100
174 99.5 0.0 192.4
176 95.5 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006667.D
Acq: 06 Nov 2018 06:20

Tgt Ion: 117 Resp: 374563
Ion Ratio Lower Upper
117 100
82 50.4 40.8 61.2
119 32.1 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006667.D

Acq: 06 Nov 2018 06:20

Instrument :

MSVOA_W

ClientSampleId :

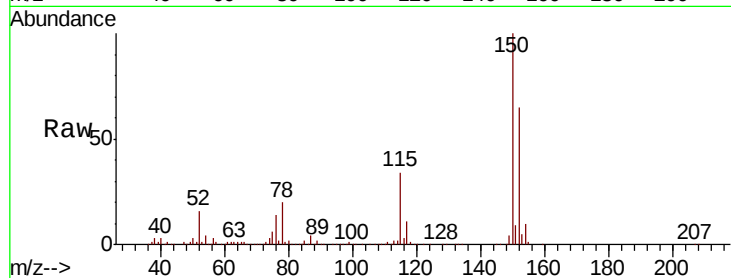
Tot Ion:152 Resp: 159190

Ion Ratio Lower Upper

152 100

115 52.9 26.6 79.8

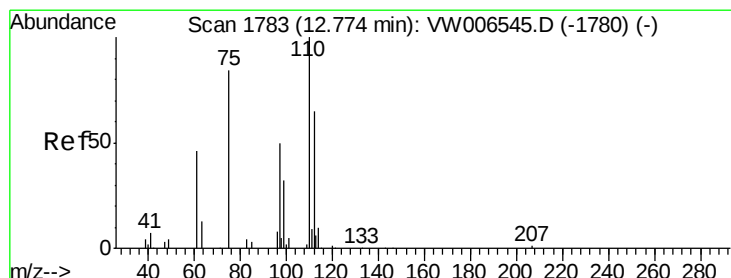
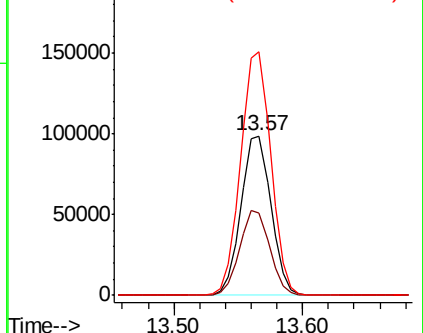
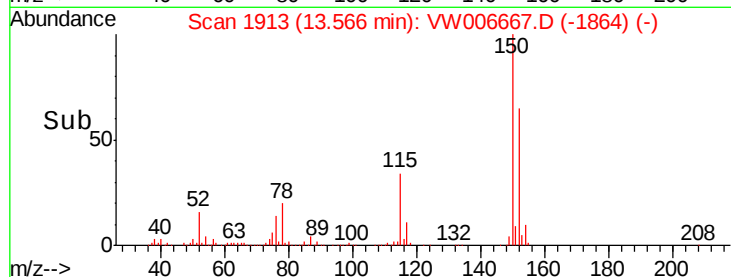
150 153.9 0.0 344.6



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: 53.975 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006667.D

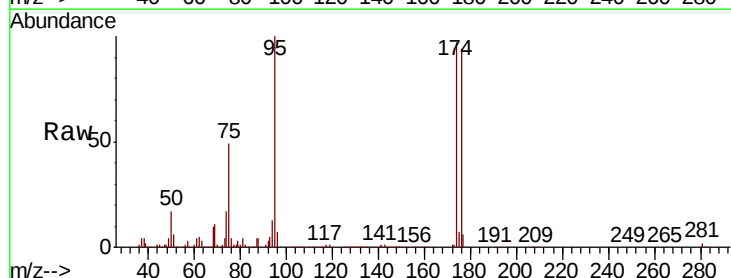
Acq: 06 Nov 2018 06:20

Tgt Ion: 75 Resp: 67040

Ion Ratio Lower Upper

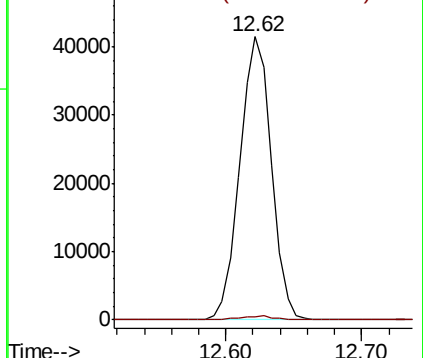
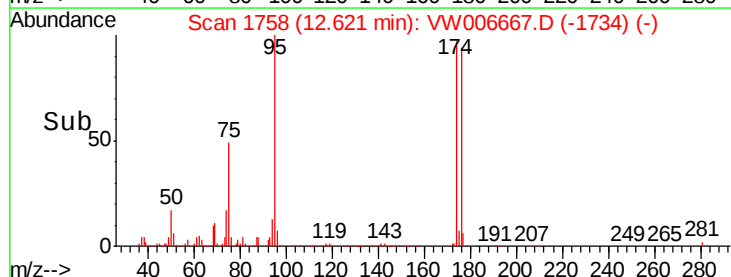
75 100

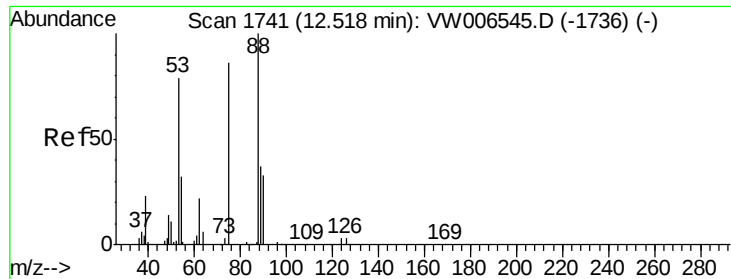
77 1.8 0.0 0.0#



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: 135.003 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006667.D

Acq: 06 Nov 2018 06:20

Instrument :

MSVOA_W

ClientSampleId :

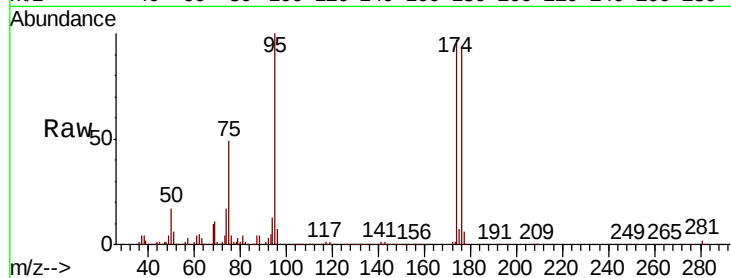
Tot Ion: 75 Resp: 67040

Ion Ratio Lower Upper

75 100

53 0.1 77.2 115.8#

89 0.0 38.6 58.0#



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

