

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103118\
 Data File : VW006468.D
 Acq On : 29 Oct 2018 23:17
 Operator : SY/AP
 Sample : VW1031SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1031SBL01

Quant Time: Oct 30 05:36:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

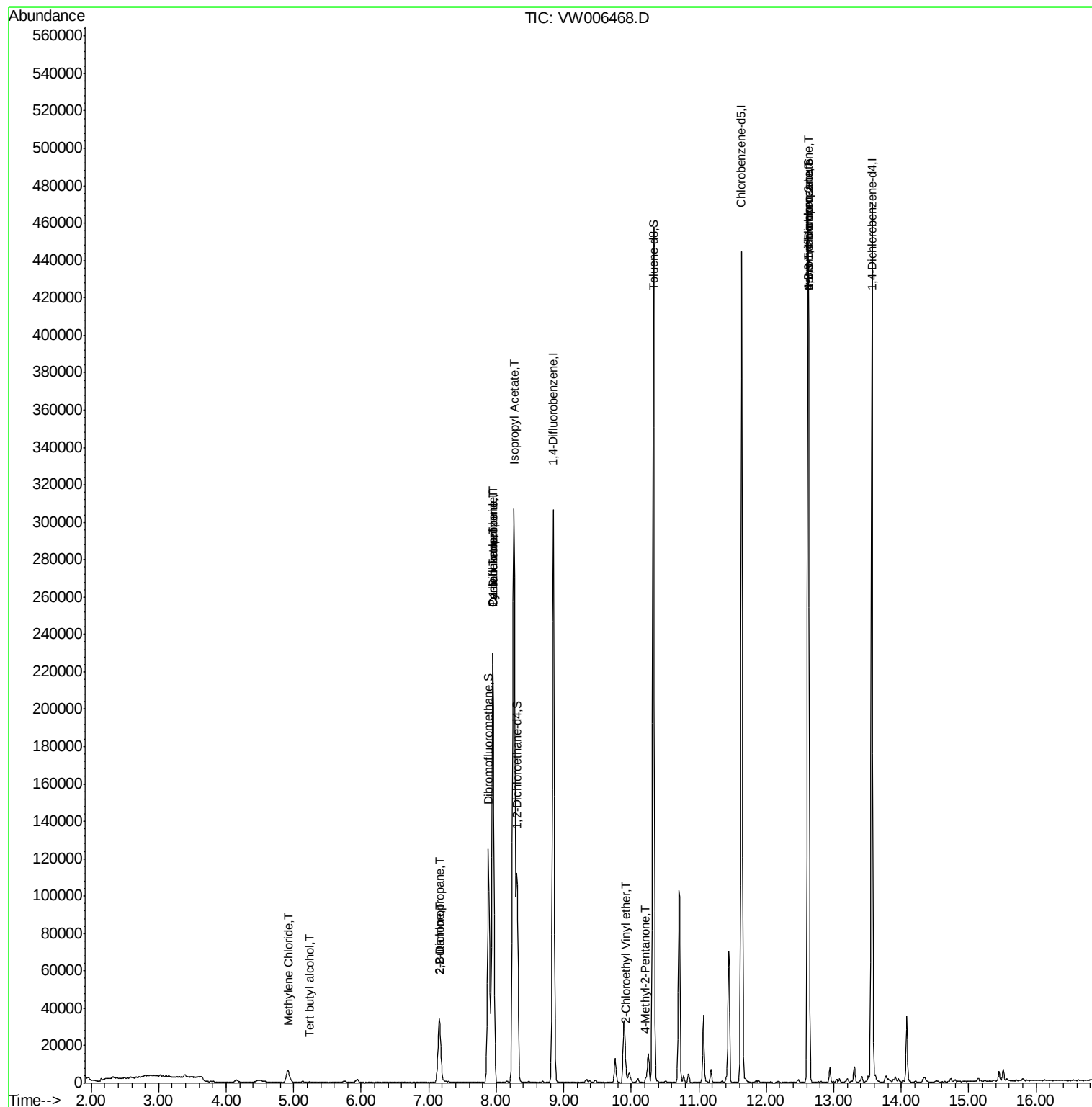
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	188645	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	277776	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	258178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	134488	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	84260	53.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.76%	
35) Dibromofluoromethane	7.88	113	87143	53.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.18%	
50) Toluene-d8	10.33	98	322601	51.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.32%	
62) 4-Bromofluorobenzene	12.62	95	116692	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.24	59	523	4.972	ug/l #	71
16) Acetone	4.15	43	2844	Below Cal		97
20) Methylene Chloride	4.92	84	5545	1.781	ug/l #	82
25) 2-Butanone	7.15	43	2036	4.819	ug/l #	69
26) 2,2-Dichloropropane	7.16	77	2771	1.367	ug/l #	51
31) Cyclohexane	7.95	56	3397	1.187	ug/l #	15
36) 1,1-Dichloropropene	7.95	75	12416	4.849	ug/l #	48
38) Carbon Tetrachloride	7.95	117	16439	5.857	ug/l #	17
43) Isopropyl Acetate	8.26	43	6464	3.323	ug/l #	26
51) 4-Methyl-2-Pentanone	10.21	43	1663	1.707	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	634	1.010	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	58152	56.611	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	58152	135.322	ug/l #	10

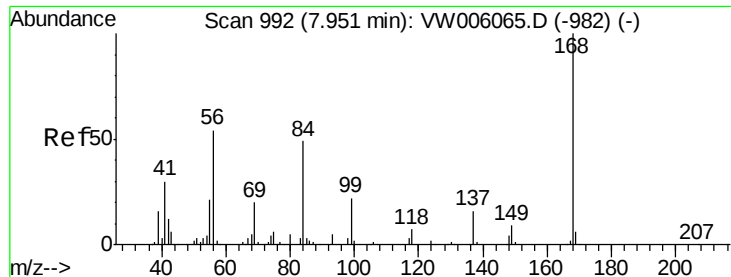
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
VW1031SBL01

Quant Time: Oct 30 05:36:55 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 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: VW006468.D

Acq: 29 Oct 2018 23:17

Instrument :

MSVOA_W

ClientSampleId :

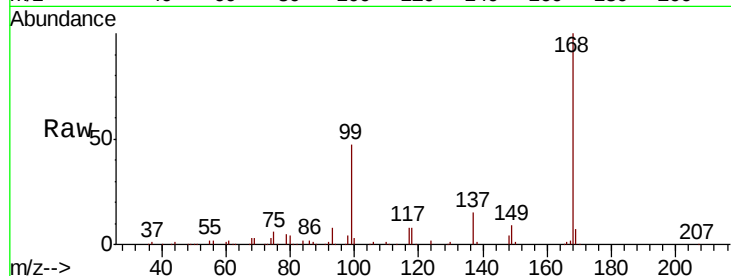
VW1031SBL01

Tot Ion:168 Resp: 188645

Ion Ratio Lower Upper

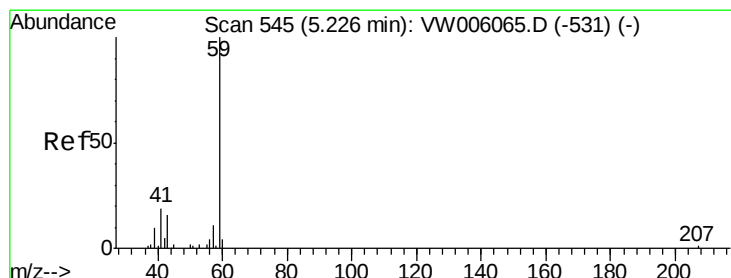
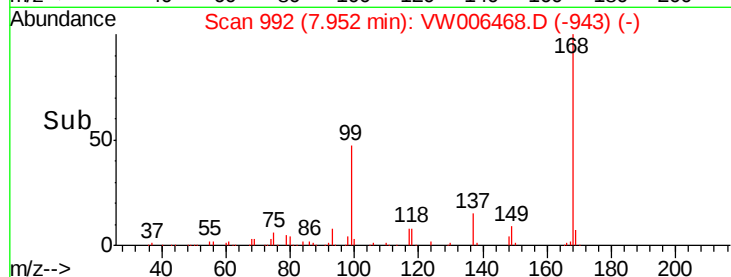
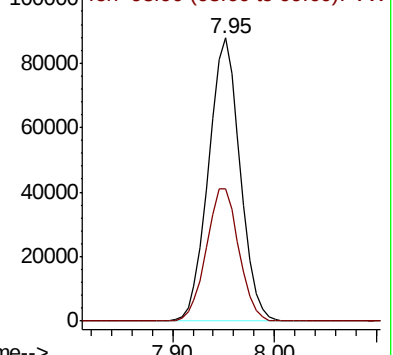
168 100

99 46.6 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 4.972 ug/l

RT: 5.24 min Scan# 547

Delta R.T. 0.01 min

Lab File: VW006468.D

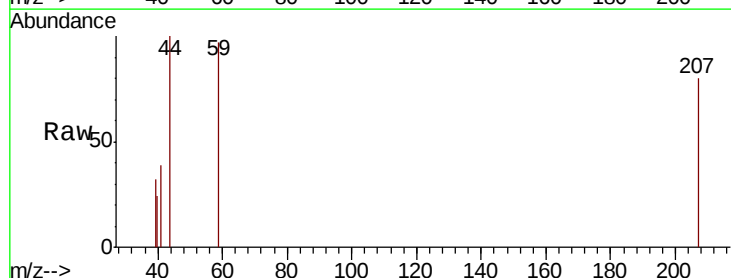
Acq: 29 Oct 2018 23:17

Tgt Ion: 59 Resp: 523

Ion Ratio Lower Upper

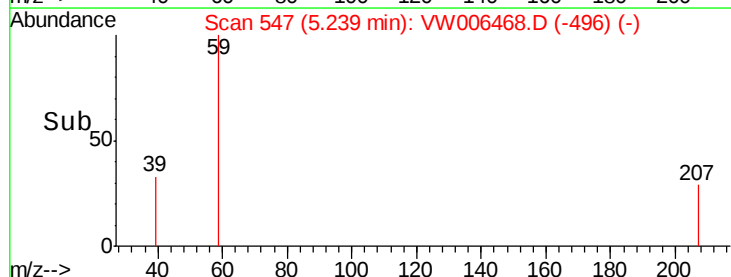
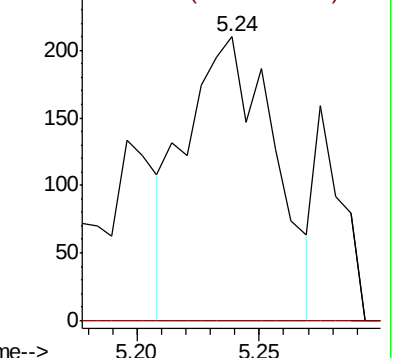
59 100

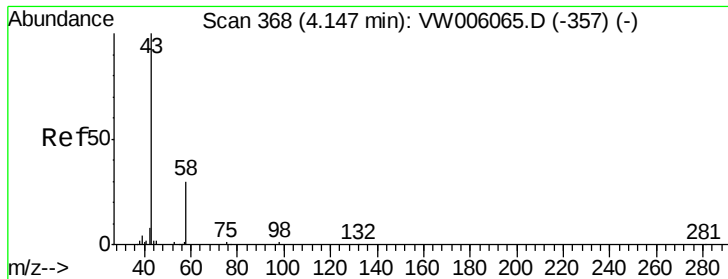
57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: Below Cal

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW006468.D

Acq: 29 Oct 2018 23:17

Instrument :

MSVOA_W

ClientSampleId :

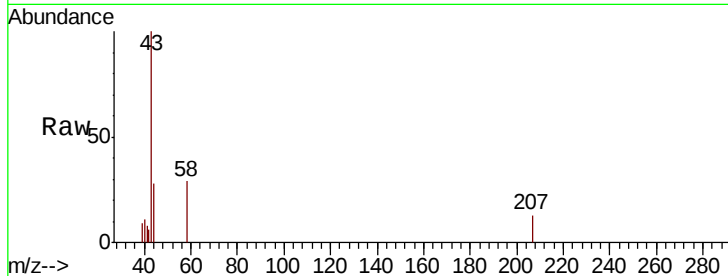
VW1031SBL01

Tot Ion: 43 Resp: 2844

Ion Ratio Lower Upper

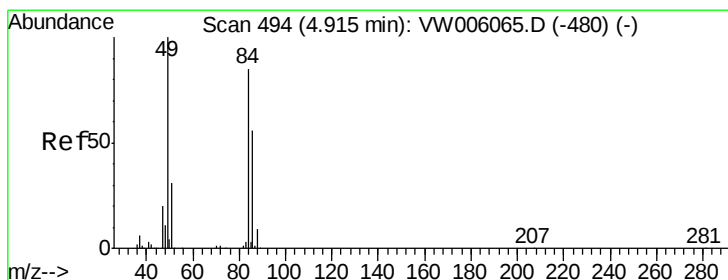
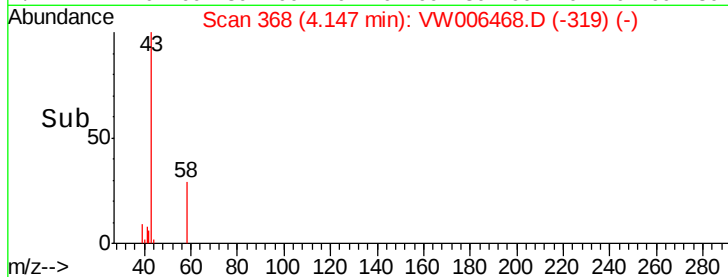
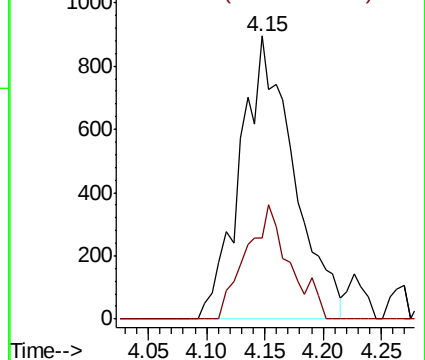
43 100

58 28.6 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 1.781 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW006468.D

Acq: 29 Oct 2018 23:17

Tgt Ion: 84 Resp: 5545

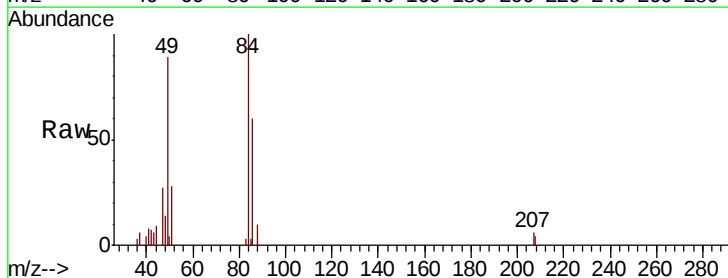
Ion Ratio Lower Upper

84 100

49 88.9 93.6 140.4#

51 28.2 29.0 43.4#

86 59.8 52.6 79.0

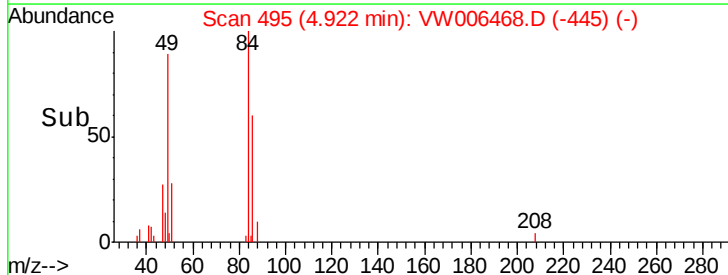
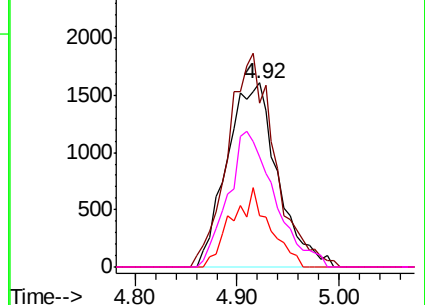


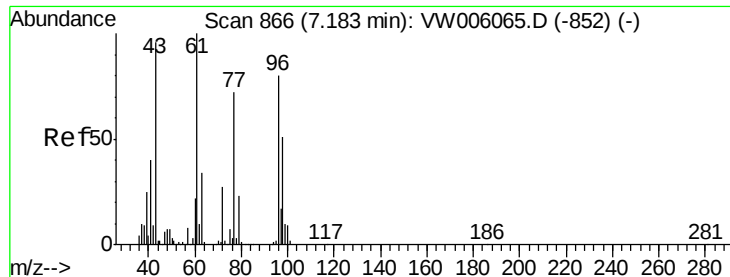
Abundance Ion 83.90 (83.60 to 84.60): VW

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: 4.819 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.03 min

Lab File: VW006468.D

Acq: 29 Oct 2018 23:17

Instrument :

MSVOA_W

ClientSampleId :

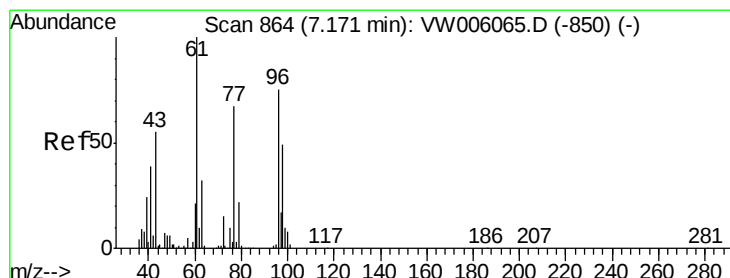
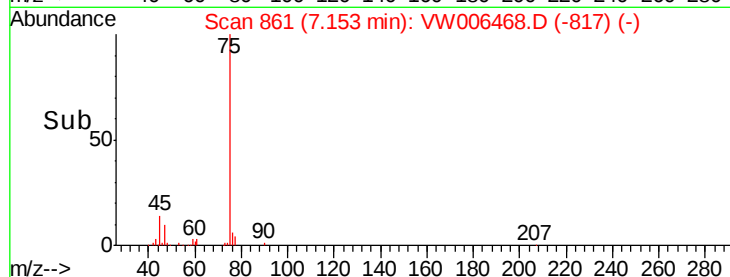
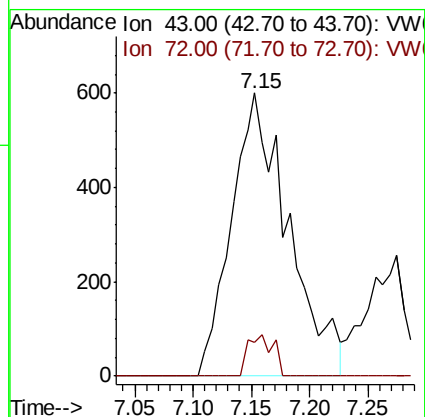
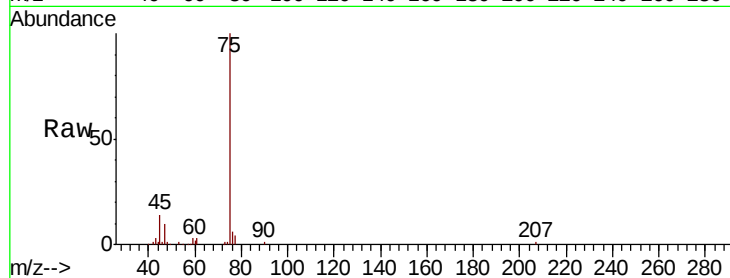
VW1031SBL01

Tot Ion: 43 Resp: 2036

Ion Ratio Lower Upper

43 100

72 12.0 22.8 34.2#



#26

2,2-Dichloropropane

Concen: 1.367 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW006468.D

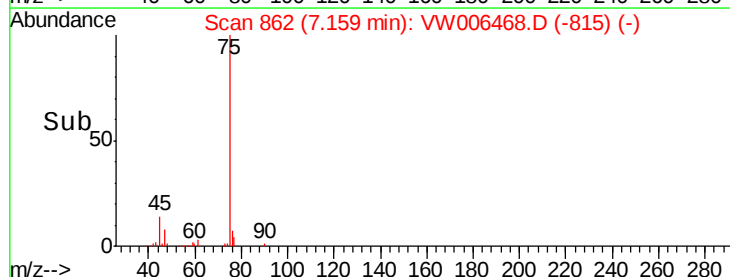
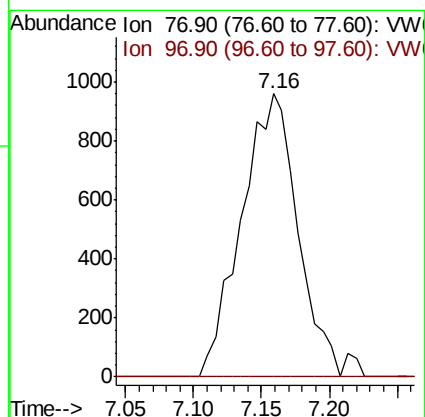
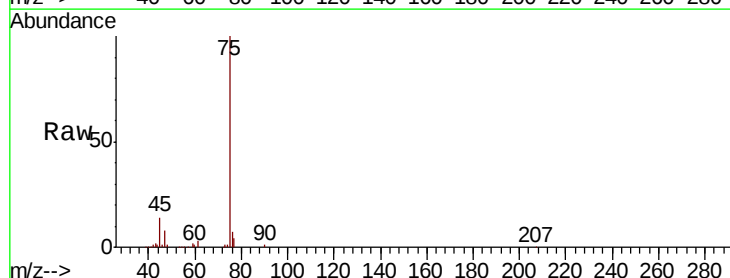
Acq: 29 Oct 2018 23:17

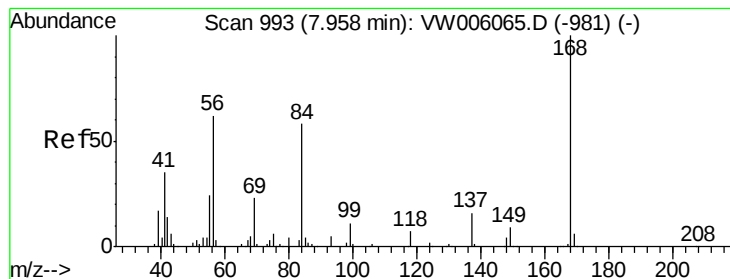
Tgt Ion: 77 Resp: 2771

Ion Ratio Lower Upper

77 100

97 0.0 12.2 36.4#





#31

Cyclohexane

Concen: 1.187 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006468.D

Acq: 29 Oct 2018 23:17

Instrument :

MSVOA_W

ClientSampleId :

VW1031SBL01

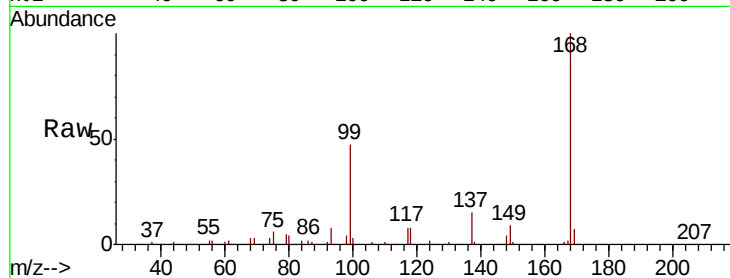
Tot Ion: 56 Resp: 3397

Ion Ratio Lower Upper

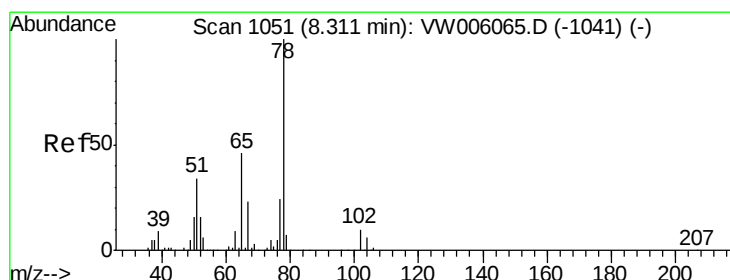
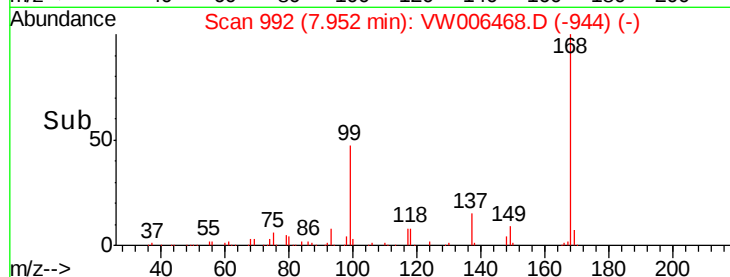
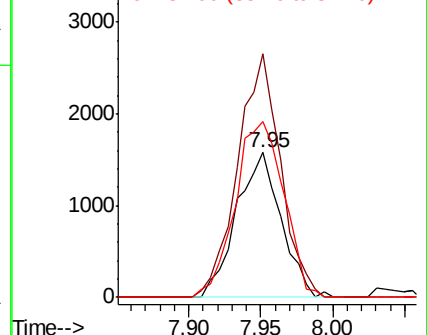
56 100

69 168.6 29.4 44.0#

84 121.3 74.0 111.0#



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: 53.876 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006468.D

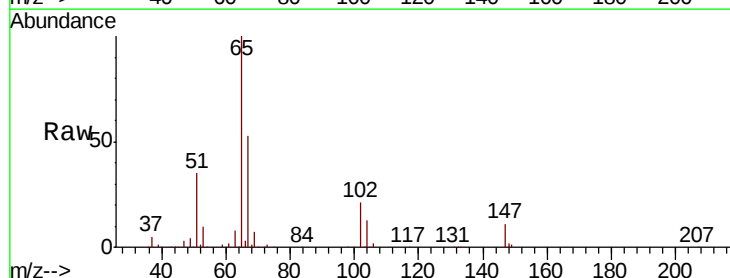
Acq: 29 Oct 2018 23:17

Tgt Ion: 65 Resp: 84260

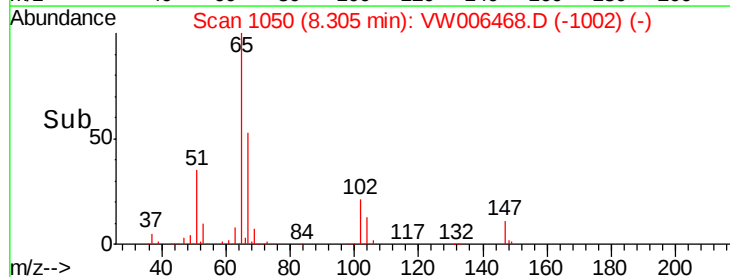
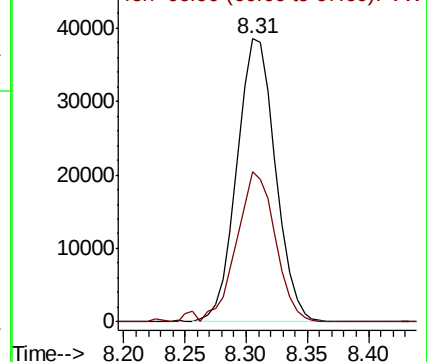
Ion Ratio Lower Upper

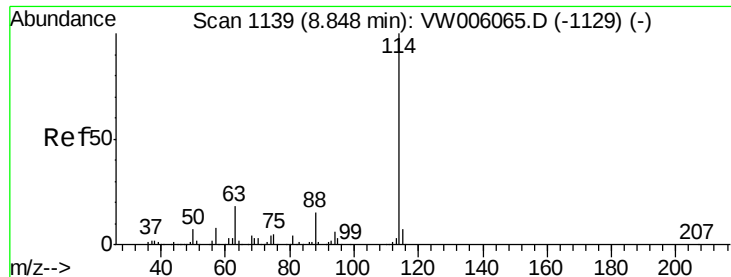
65 100

67 53.2 0.0 101.0



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

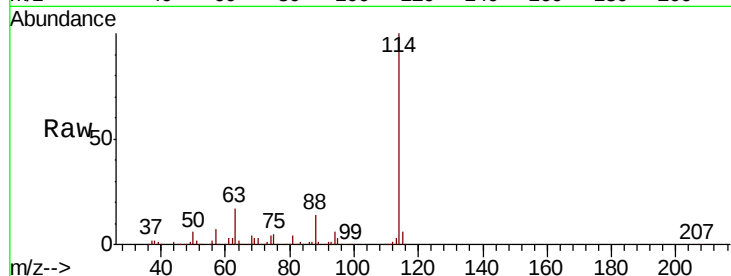




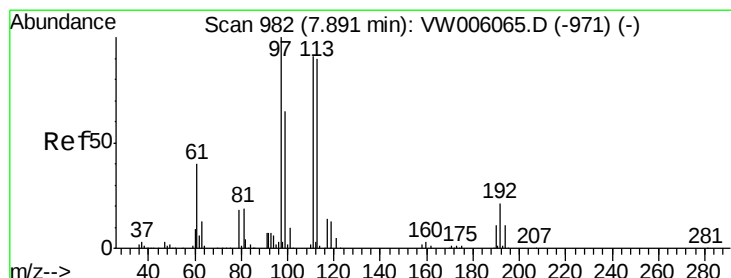
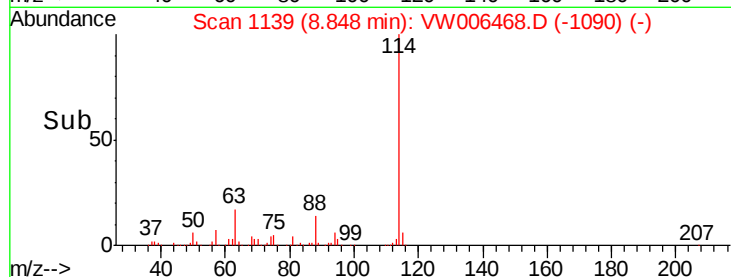
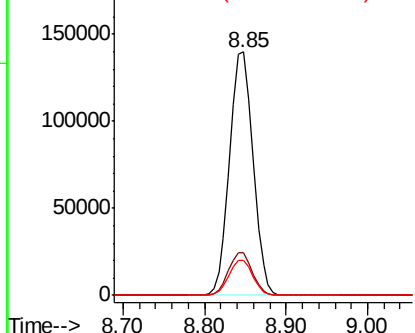
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006468.D
 Acq: 29 Oct 2018 23:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1031SBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	36.8
88	14.3	0.0	29.0

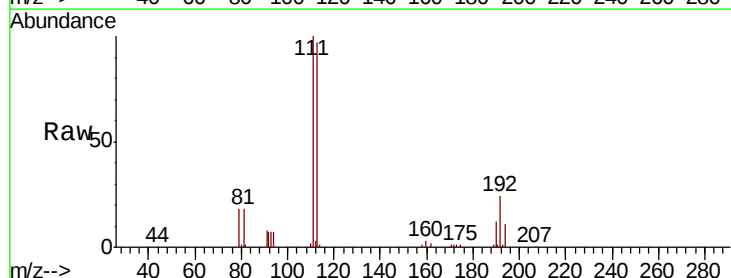


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

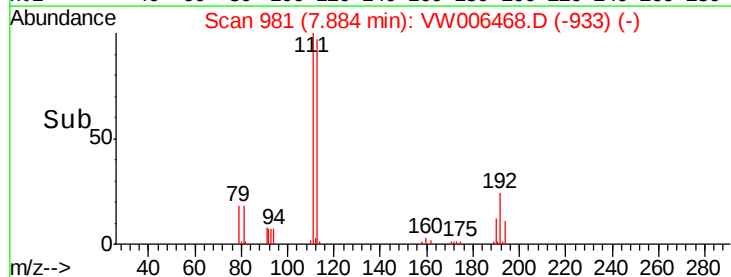
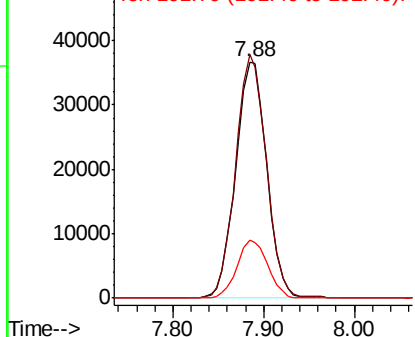


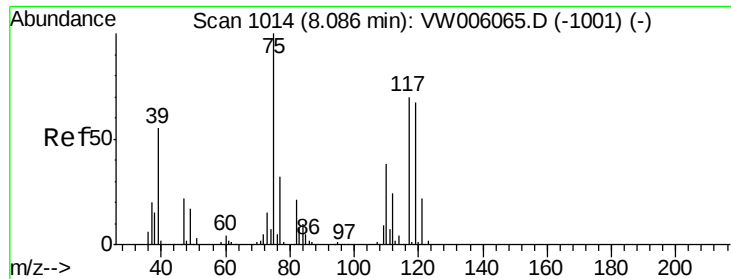
#35
 Dibromofluoromethane
 Concen: 53.092 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006468.D
 Acq: 29 Oct 2018 23:17

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.4	122.0
192	24.2	18.7	28.1



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

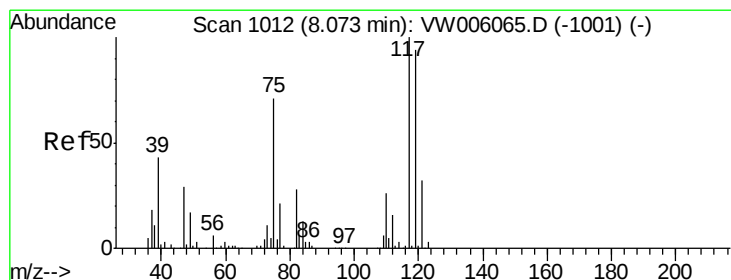
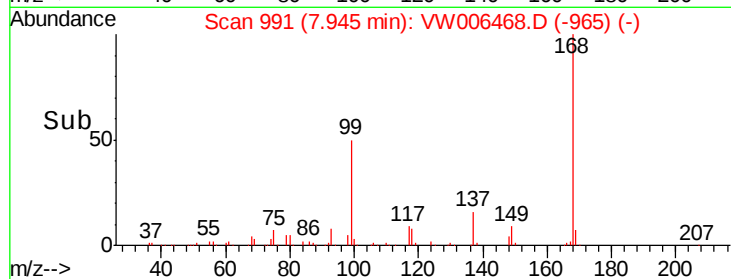
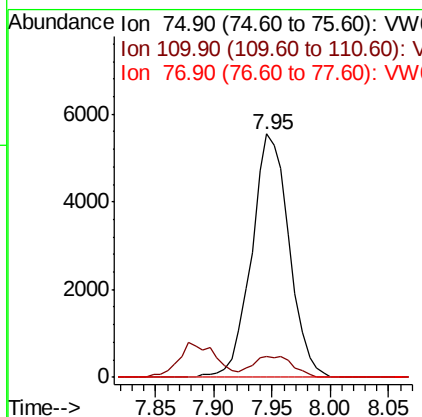
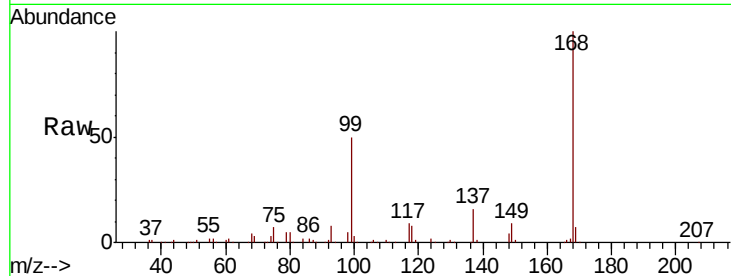




#36
 1,1-Dichloropropene
 Concen: 4.849 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006468.D
 Acq: 29 Oct 2018 23:17

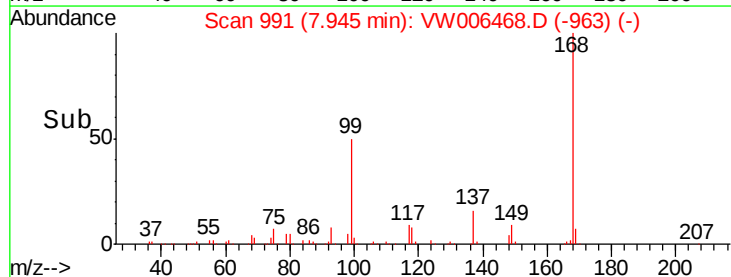
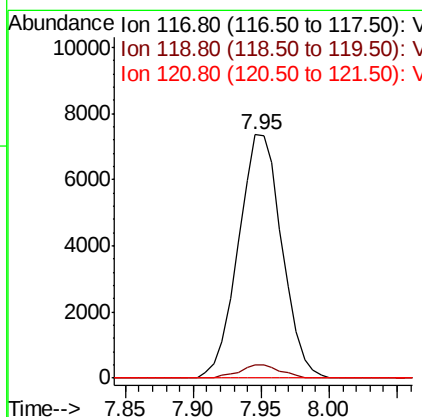
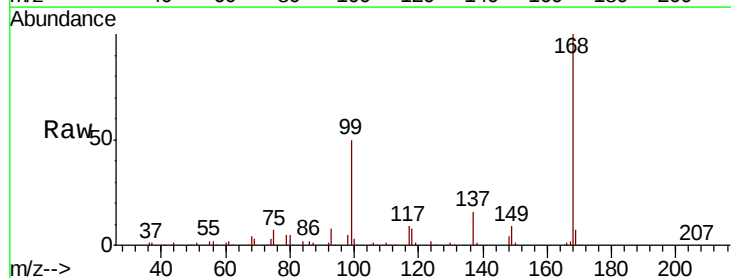
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1031SBL01

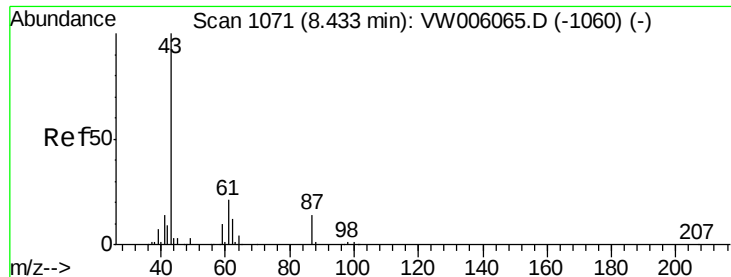
Tot Ion	75	Resp	12416
Ion Ratio	100	Lower	Upper
110	9.3	19.1	57.1#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 5.857 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW006468.D
 Acq: 29 Oct 2018 23:17

Tgt Ion	117	Resp	16439
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
119	5.7	75.2	112.8#
121	0.0	25.3	37.9#





#43

Isopropyl Acetate

Concen: 3.323 ug/l

RT: 8.26 min Scan# 1043

Delta R.T. -0.17 min

Lab File: VW006468.D

Acq: 29 Oct 2018 23:17

Instrument :

MSVOA_W

ClientSampleId :

VW1031SBL01

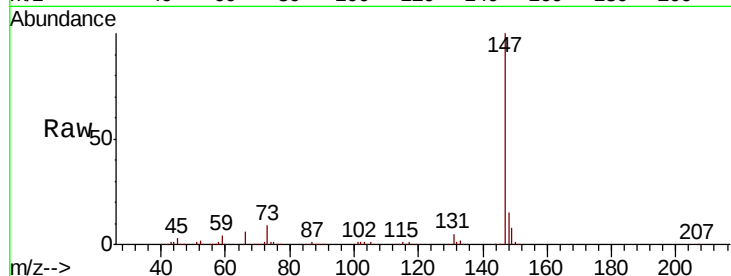
Tot Ion: 43 Resp: 6464

Ion Ratio Lower Upper

43 100

61 16.8 25.5 38.3#

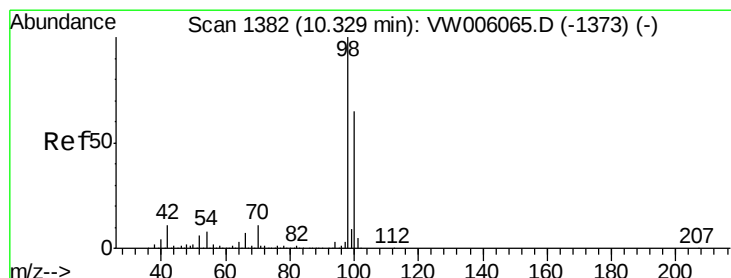
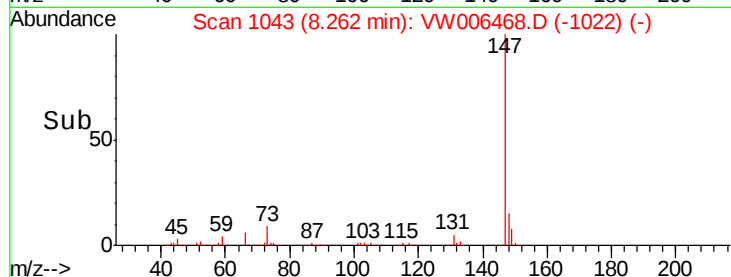
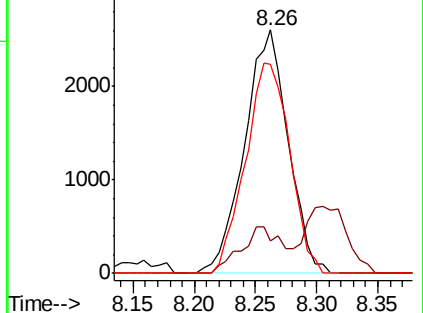
87 87.6 11.7 17.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#50

Toluene-d8

Concen: 51.661 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006468.D

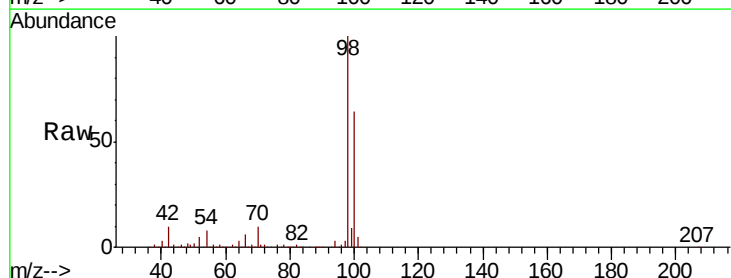
Acq: 29 Oct 2018 23:17

Tgt Ion: 98 Resp: 322601

Ion Ratio Lower Upper

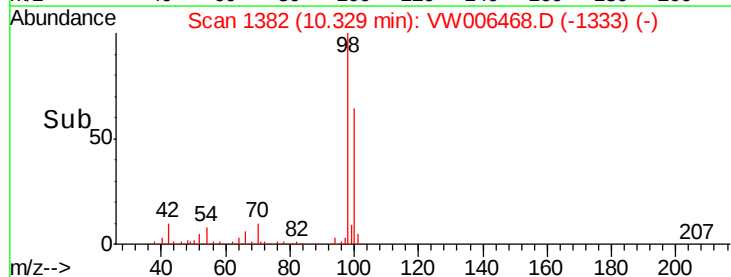
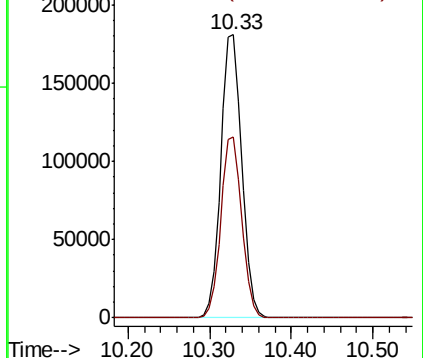
98 100

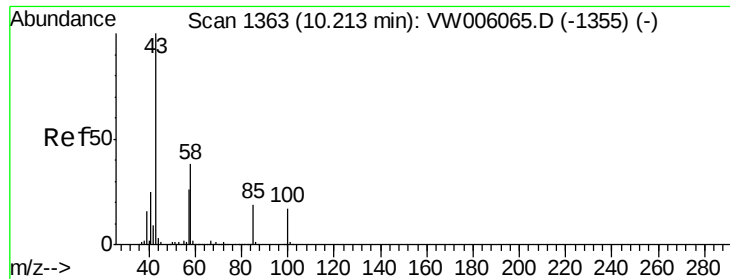
100 63.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 1.707 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006468.D

Acq: 29 Oct 2018 23:17

Instrument :

MSVOA_W

ClientSampleId :

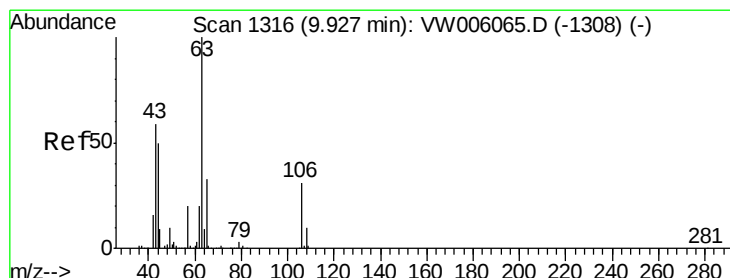
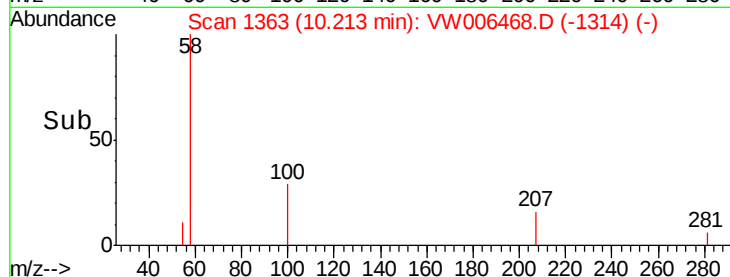
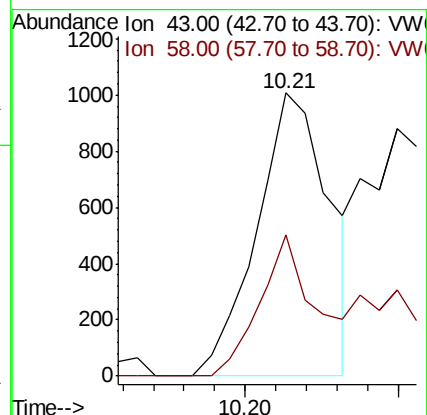
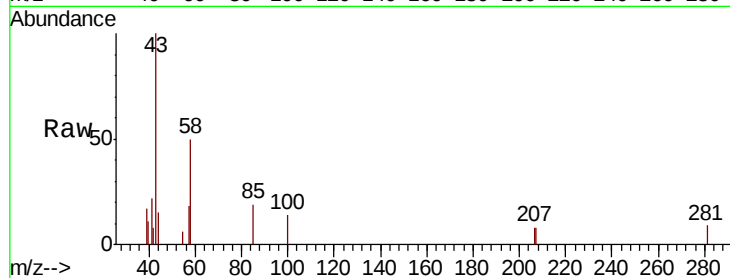
VW1031SBL01

Tot Ion: 43 Resp: 1663

Ion Ratio Lower Upper

43 100

58 38.5 31.5 47.3



#58

2-Chloroethyl Vinyl ether

Concen: 1.010 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW006468.D

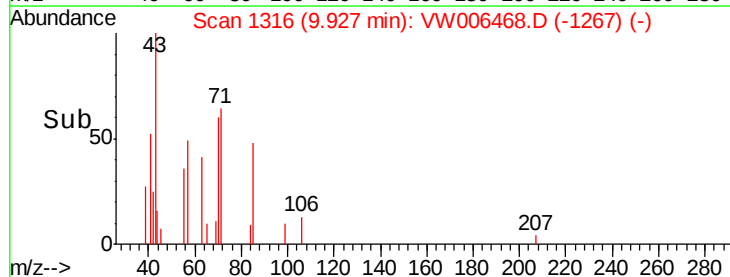
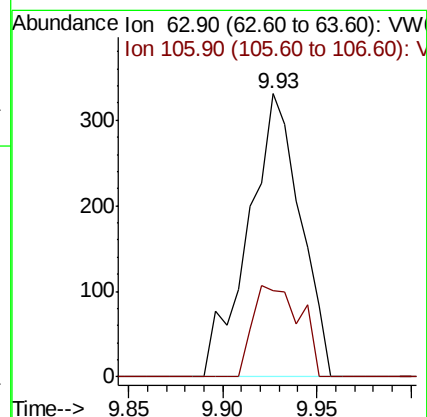
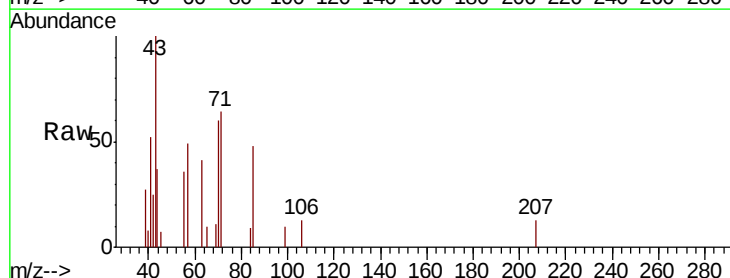
Acq: 29 Oct 2018 23:17

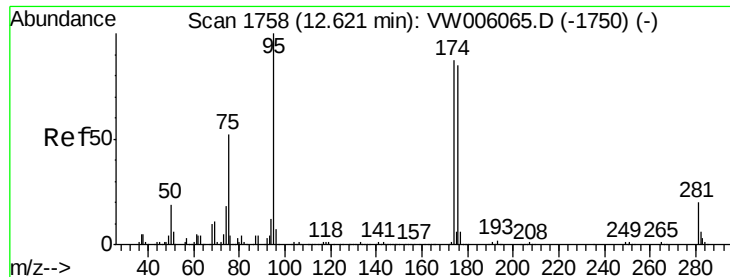
Tgt Ion: 63 Resp: 634

Ion Ratio Lower Upper

63 100

106 29.3 24.5 36.7

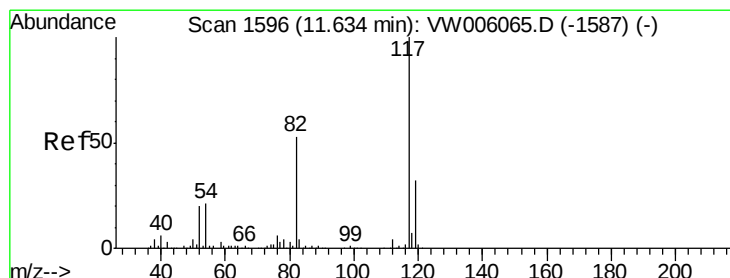
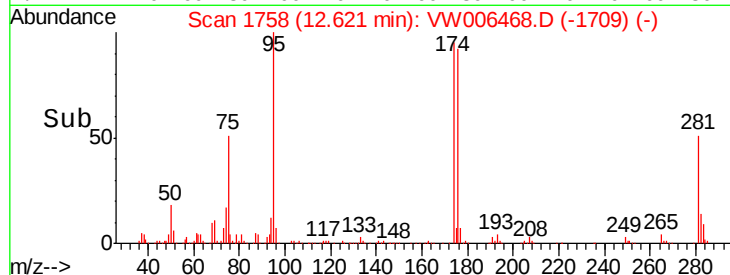
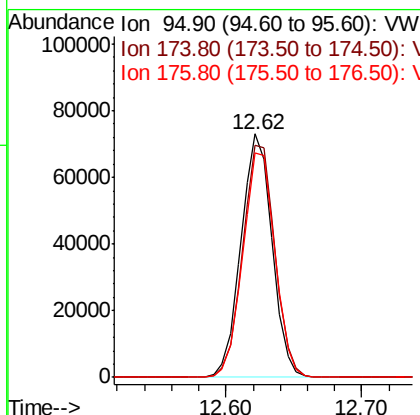
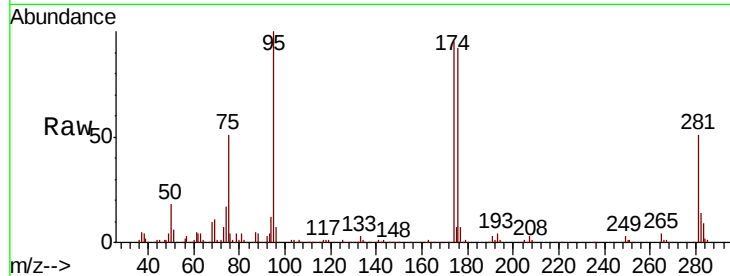




#62
4-Bromofluorobenzene
Concen: 49.754 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006468.D
Acq: 29 Oct 2018 23:17

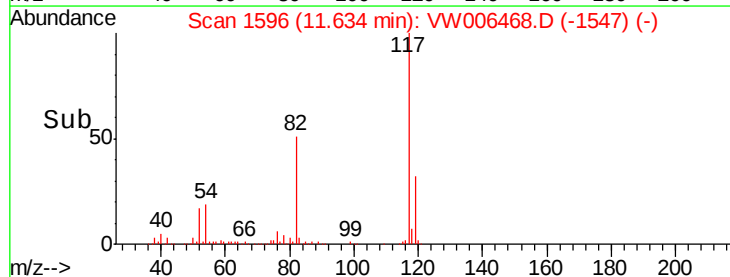
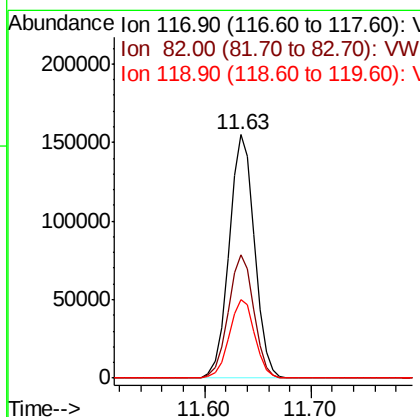
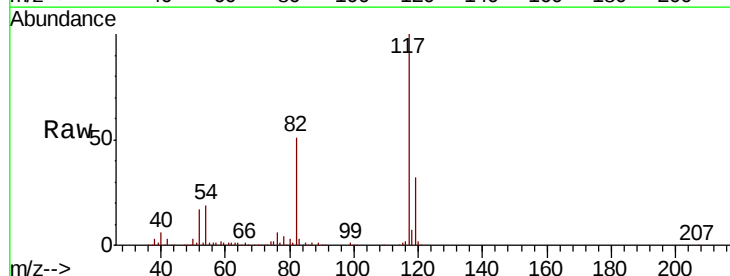
Instrument :
MSVOA_W
ClientSampleId :
VW1031SBL01

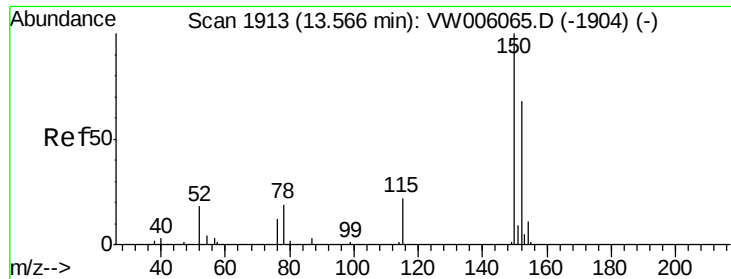
Tot Ion: 95 Resp: 116692
Ion Ratio Lower Upper
95 100
174 99.0 0.0 186.0
176 95.8 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006468.D
Acq: 29 Oct 2018 23:17

Tgt Ion: 117 Resp: 258178
Ion Ratio Lower Upper
117 100
82 50.6 42.1 63.1
119 32.1 25.8 38.6



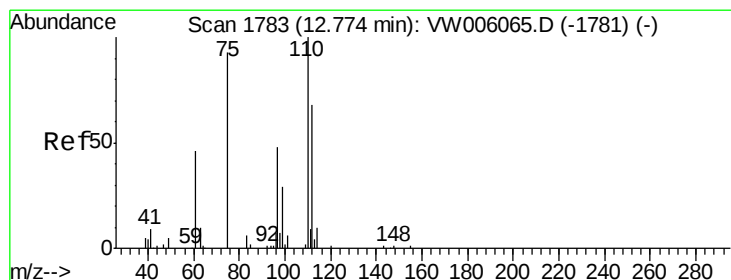
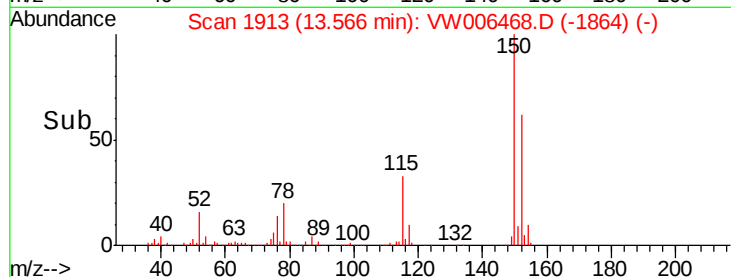
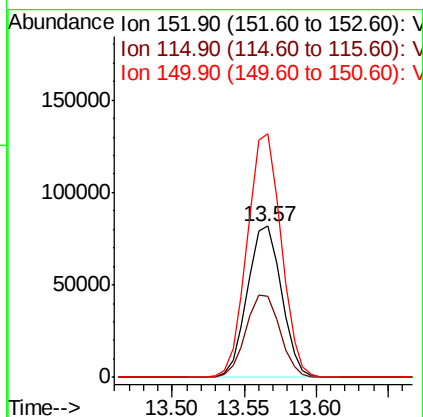
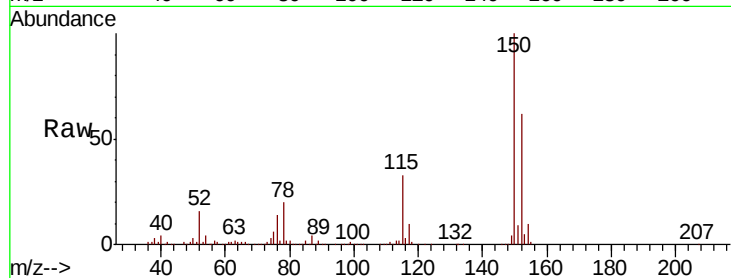


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006468.D
Acq: 29 Oct 2018 23:17

Instrument :
MSVOA_W
ClientSampleId :
VW1031SBL01

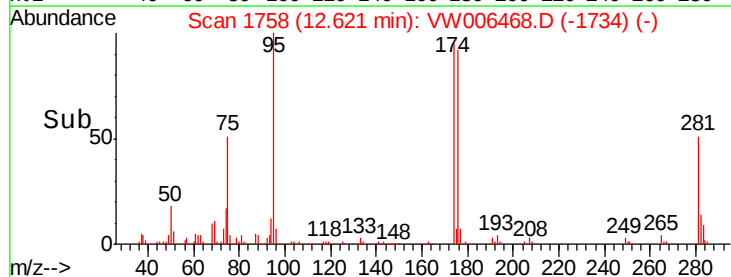
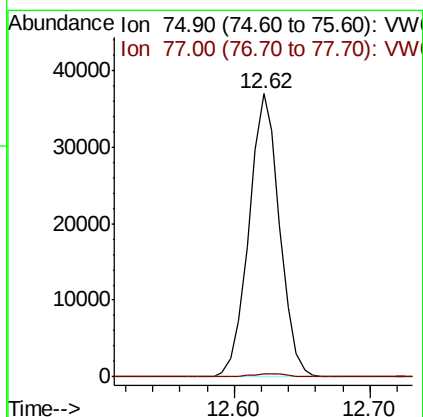
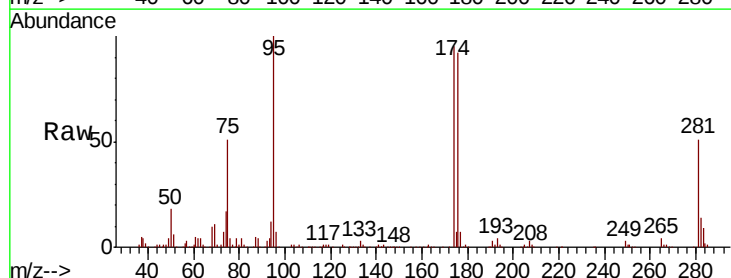
Tot Ion:152 Resp: 134488
Ion Ratio Lower Upper
152 100
115 54.4 27.8 83.3
150 159.7 0.0 349.2

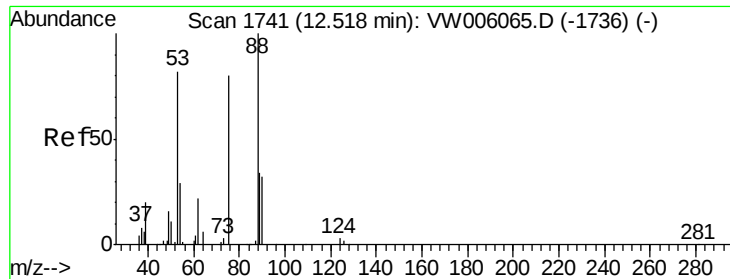


#76

1,2,3-Trichloropropane
Concen: 56.611 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW006468.D
Acq: 29 Oct 2018 23:17

Tgt Ion: 75 Resp: 58152
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 135.322 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006468.D

Acq: 29 Oct 2018 23:17

Instrument :

MSVOA_W

ClientSampleId :

VW1031SBL01

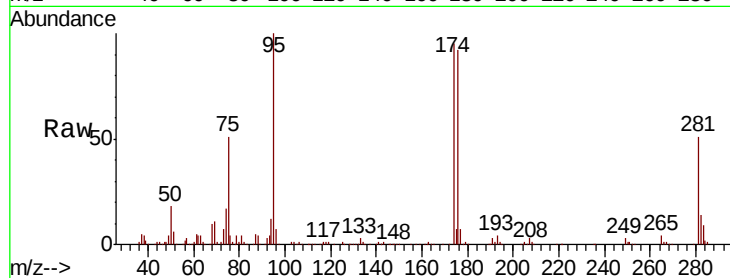
Tot Ion: 75 Resp: 58152

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.4 37.5 56.3#



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

