

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110518\
 Data File : VW006627.D
 Acq On : 05 Nov 2018 11:13
 Operator : SY/AP
 Sample : VW1105SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 05 14:34:16 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	285743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	397101	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	357323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	186249	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	113146	46.06	ug/l	0.00
Spiked Amount			Recovery	=	92.12%	
35) Dibromofluoromethane	7.88	113	126483	50.75	ug/l	0.00
Spiked Amount			Recovery	=	101.50%	
50) Toluene-d8	10.33	98	488272	51.47	ug/l	0.00
Spiked Amount			Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.62	95	162405	47.22	ug/l	0.00
Spiked Amount			Recovery	=	94.44%	

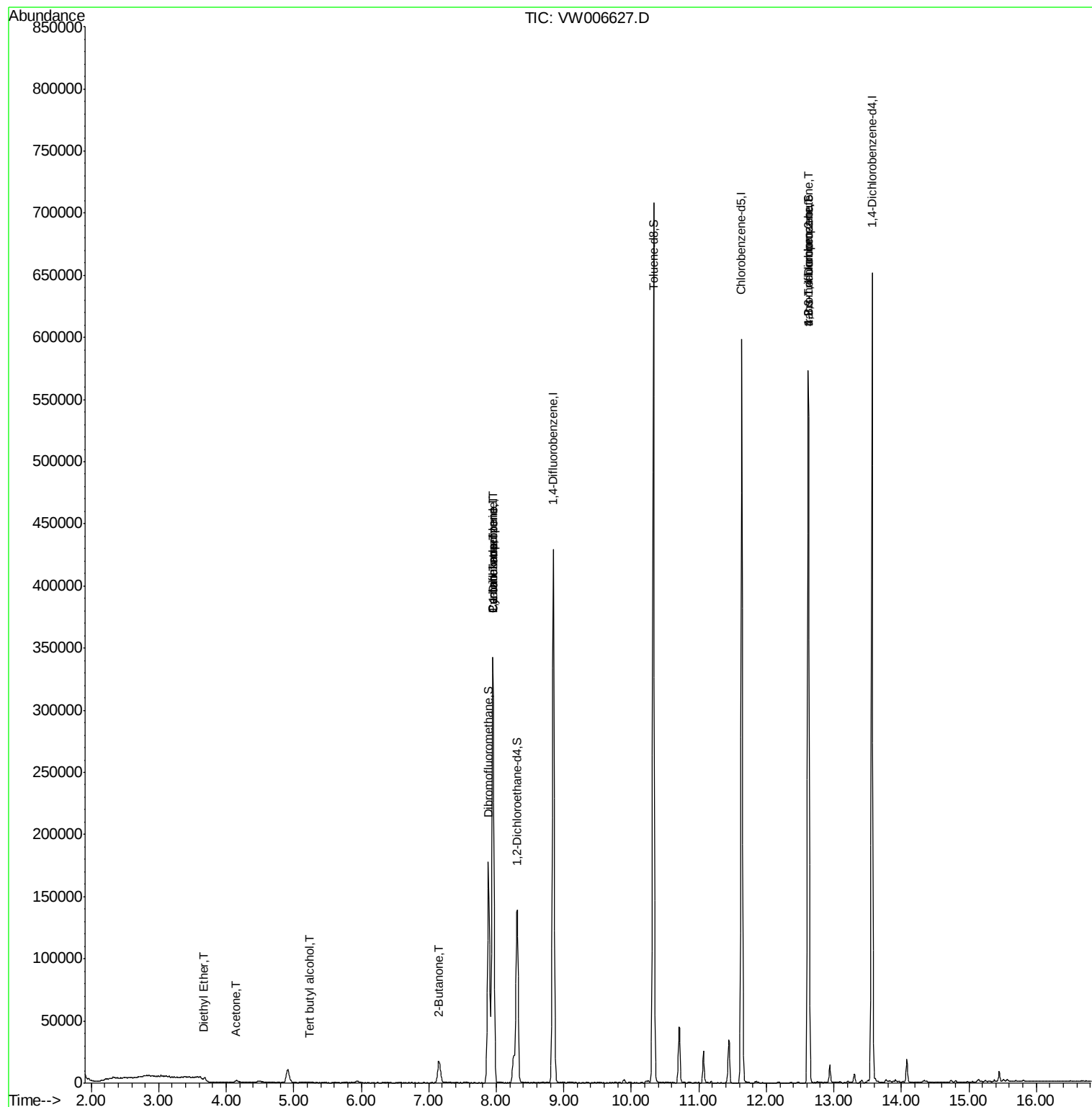
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	1854	1.501	ug/l	71
11) Tert butyl alcohol	5.23	59	586	4.428	ug/l #	84
16) Acetone	4.15	43	3650	9.204	ug/l	98
20) Methylene Chloride	4.92	84	8870	Below Cal		88
25) 2-Butanone	7.15	43	587	1.037	ug/l #	46
31) Cyclohexane	7.95	56	4720	1.206	ug/l #	8
36) 1,1-Dichloropropene	7.95	75	17623	5.046	ug/l #	48
38) Carbon Tetrachloride	7.95	117	24515	6.718	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	79545	54.739	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	79545	136.876	ug/l #	11

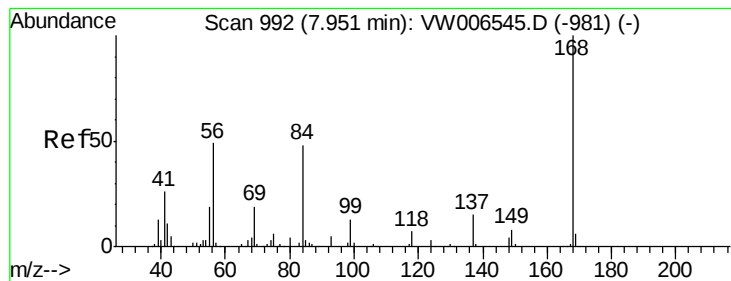
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110518\
Data File : VW006627.D
Acq On : 05 Nov 2018 11:13
Operator : SY/AP
Sample : VW1105SBL01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Nov 05 14:34:16 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: VW006627.D

Acq: 05 Nov 2018 11:13

Instrument :

MSVOA_W

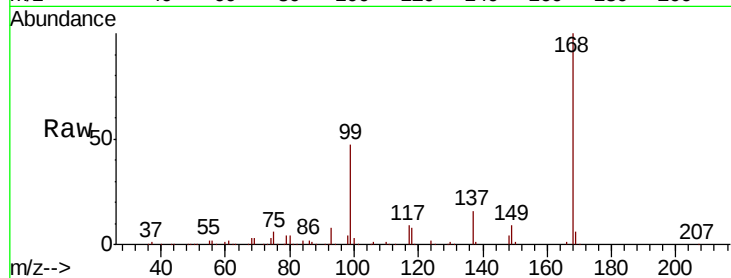
ClientSampled :

Tot Ion:168 Resp: 285743

Ion Ratio Lower Upper

168 100

99 47.2 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

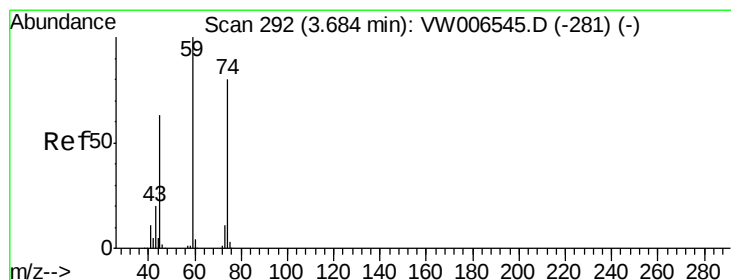
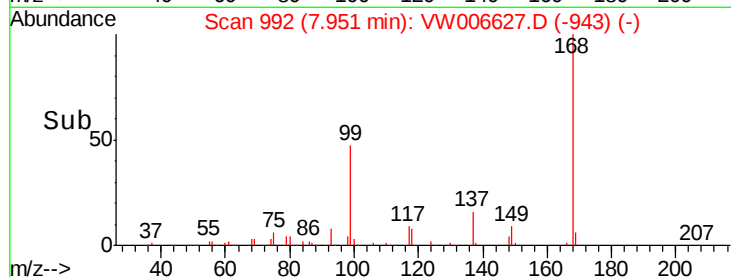
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.501 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006627.D

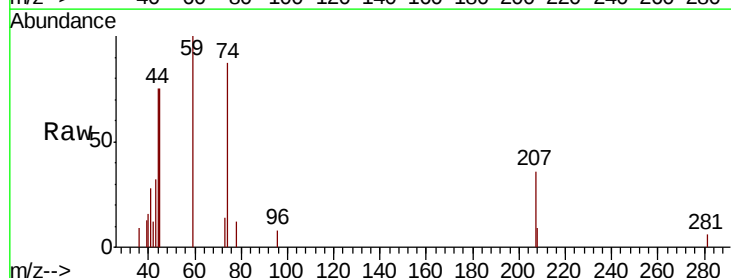
Acq: 05 Nov 2018 11:13

Tgt Ion: 74 Resp: 1854

Ion Ratio Lower Upper

74 100

45 108.0 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

800

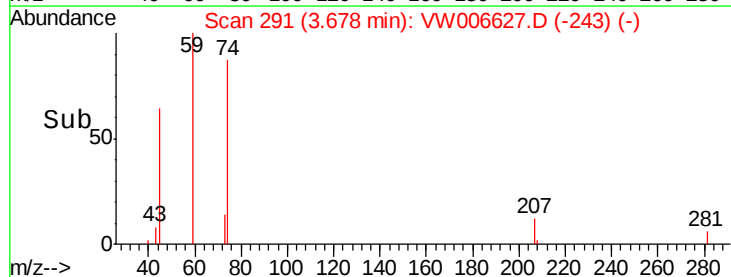
600

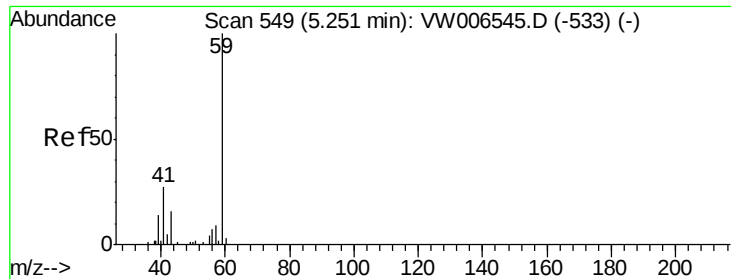
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200

0

Time-->

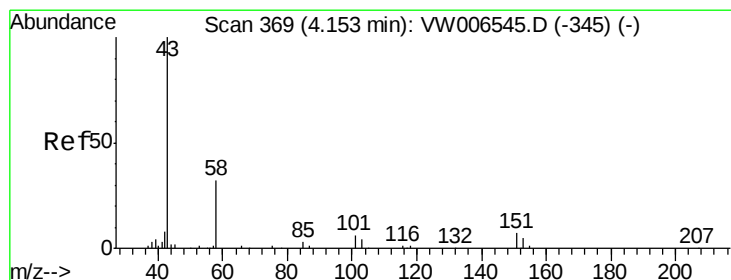
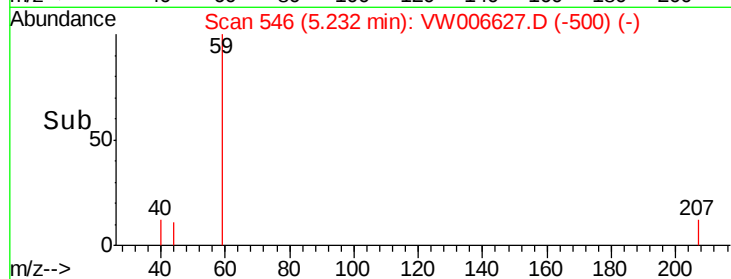
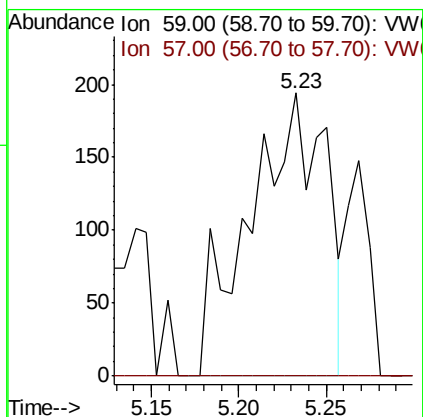
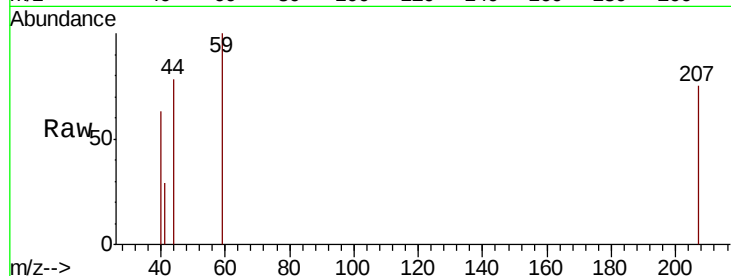




#11
Tert butyl alcohol
Concen: 4.428 ug/l
RT: 5.23 min Scan# 546
Delta R.T. -0.02 min
Lab File: VW006627.D
Acq: 05 Nov 2018 11:13

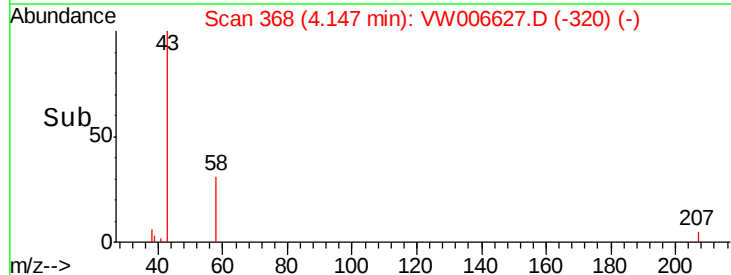
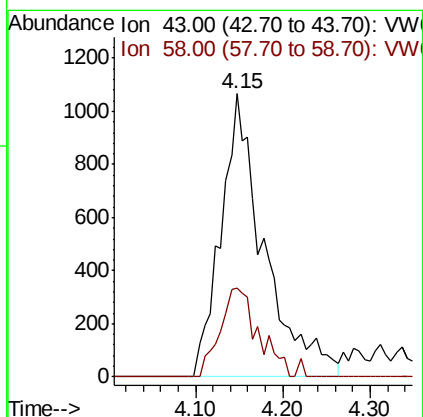
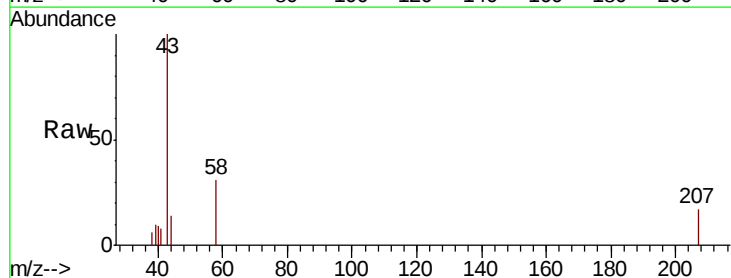
Instrument :
MSVOA_W
ClientSampled :

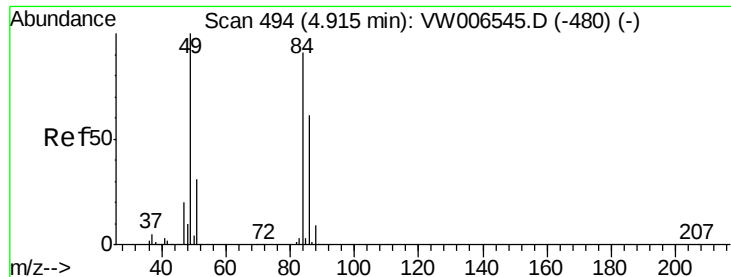
Tot Ion: 59 Resp: 586
Ion Ratio Lower Upper
59 100
57 0.0 4.3 6.5#



#16
Acetone
Concen: 9.204 ug/l
RT: 4.15 min Scan# 368
Delta R.T. -0.01 min
Lab File: VW006627.D
Acq: 05 Nov 2018 11:13

Tgt Ion: 43 Resp: 3650
Ion Ratio Lower Upper
43 100
58 31.2 25.8 38.8

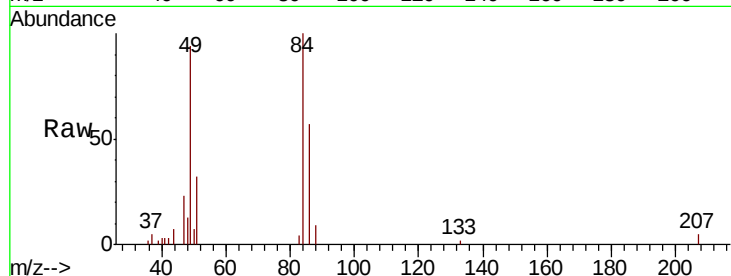




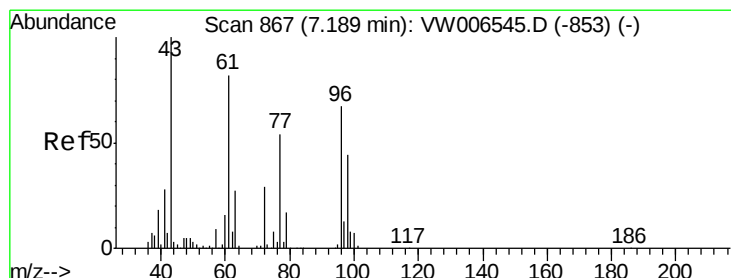
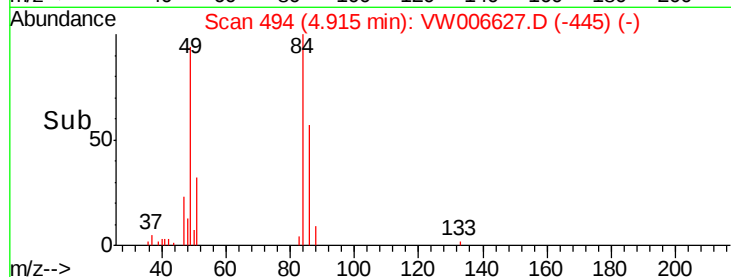
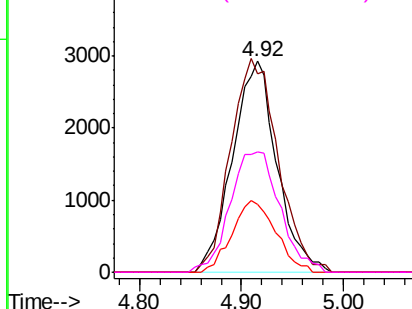
#20
Methvlene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006627.D
Acq: 05 Nov 2018 11:13

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 84 Resp: 8870
Ion Ratio Lower Upper
84 100
49 94.3 88.2 132.4
51 32.0 27.0 40.6
86 57.0 53.8 80.8

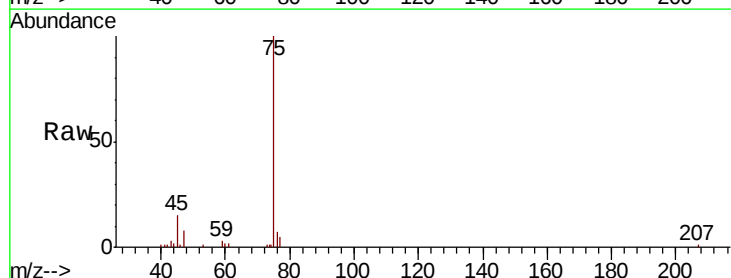


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

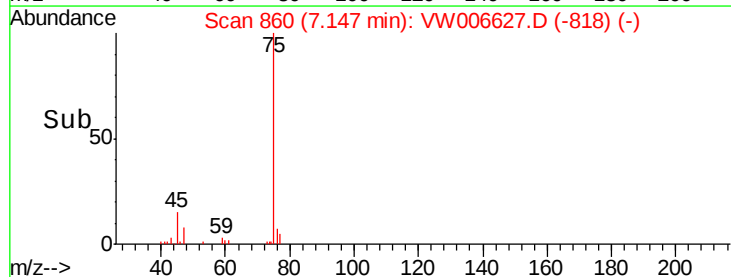
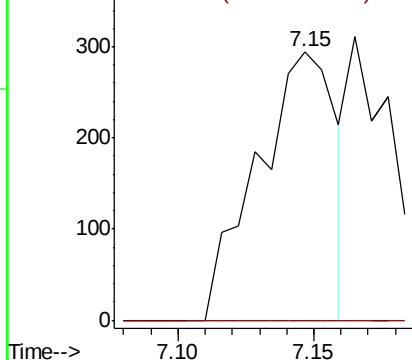


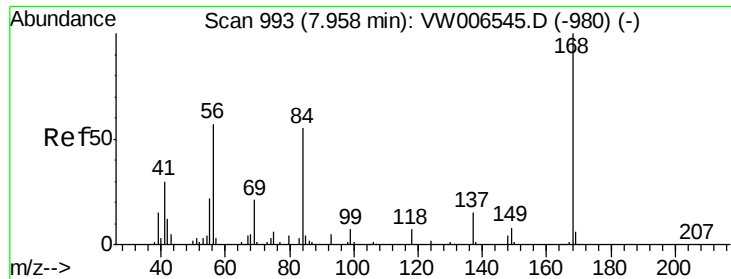
#25
2-Butanone
Concen: 1.037 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.04 min
Lab File: VW006627.D
Acq: 05 Nov 2018 11:13

Tgt Ion: 43 Resp: 587
Ion Ratio Lower Upper
43 100
72 0.0 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW

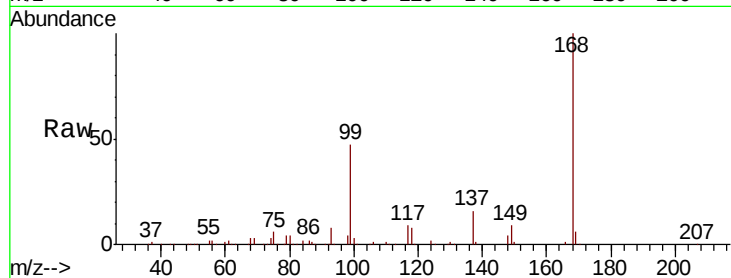




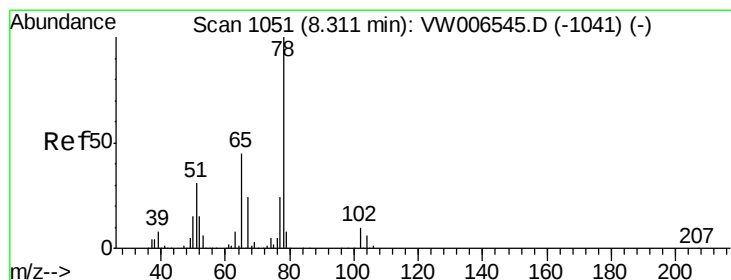
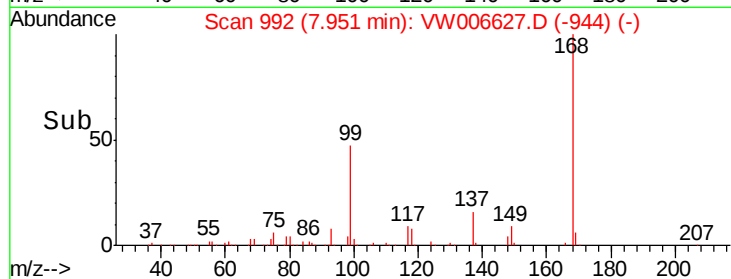
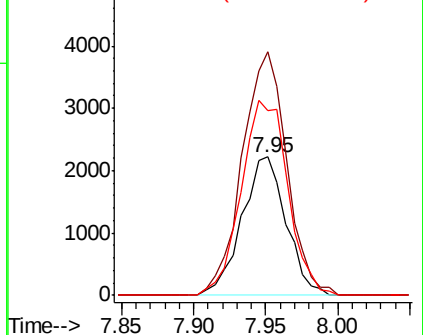
#31
Cyclohexane
Concen: 1.206 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006627.D
Acq: 05 Nov 2018 11:13

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 4720
Ion Ratio Lower Upper
56 100
69 176.3 29.0 43.4#
84 133.7 77.8 116.6#

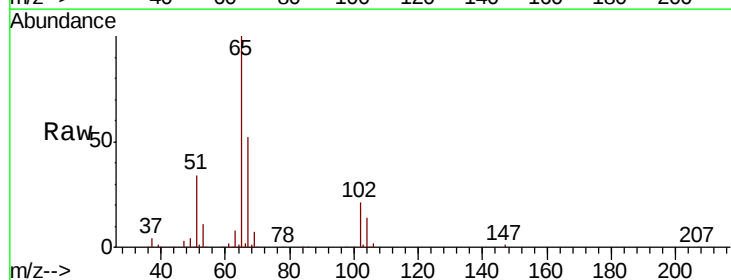


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

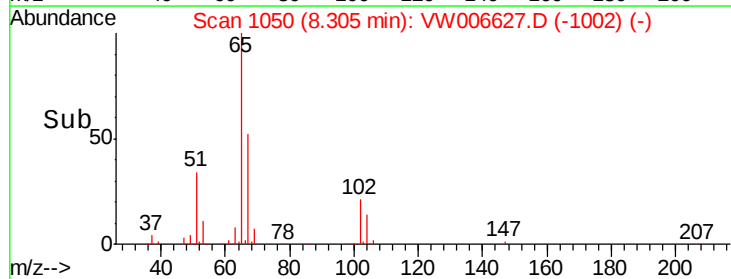
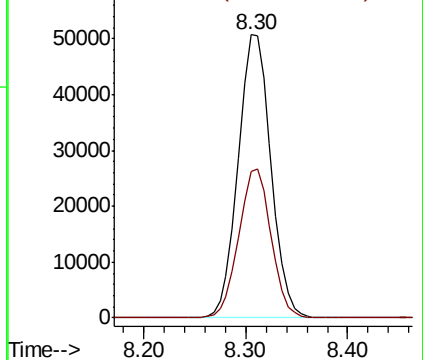


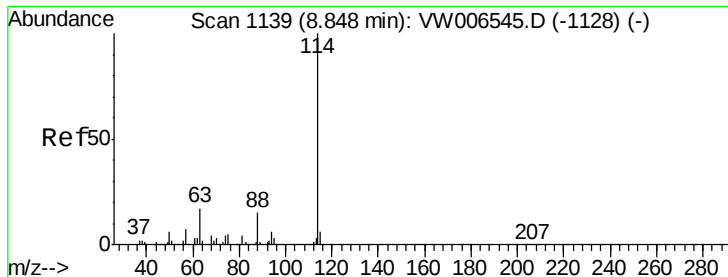
#33
1,2-Dichloroethane-d4
Concen: 46.065 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW006627.D
Acq: 05 Nov 2018 11:13

Tgt Ion: 65 Resp: 113146
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.4



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

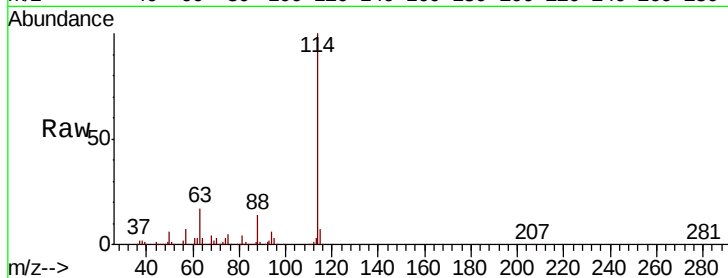




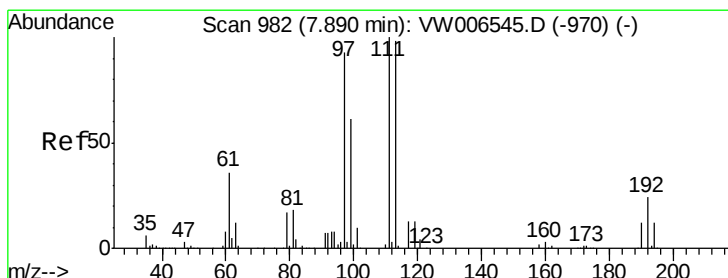
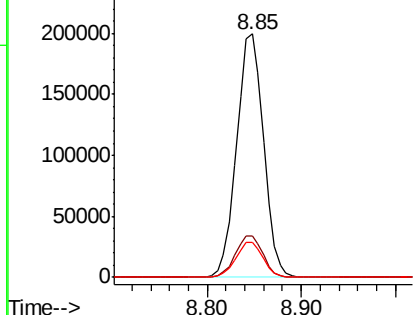
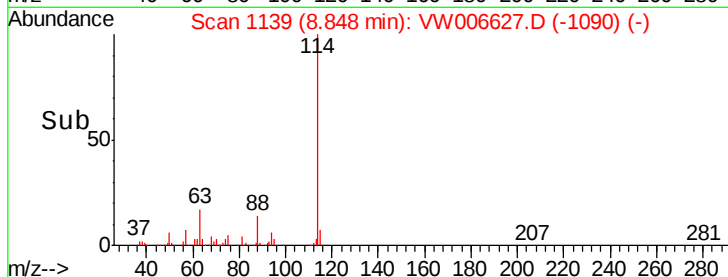
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006627.D
 Acq: 05 Nov 2018 11:13

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:114 Resp: 397101
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 34.4
 88 14.1 0.0 29.0

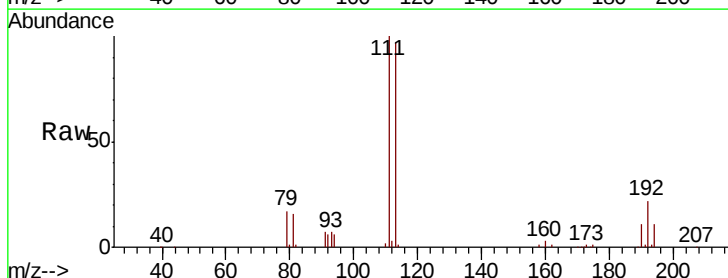


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

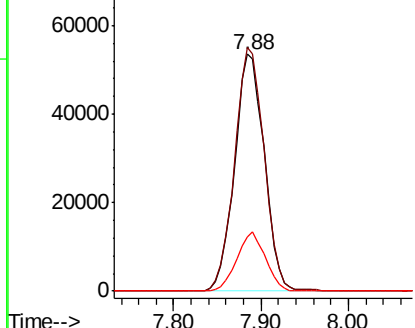
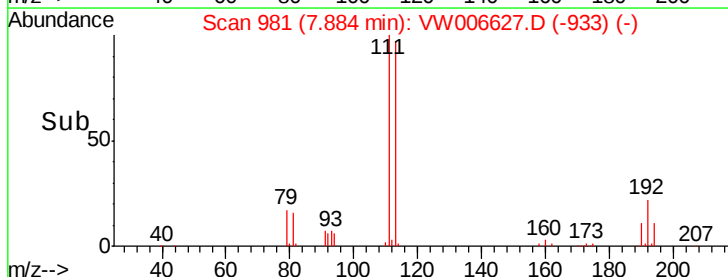


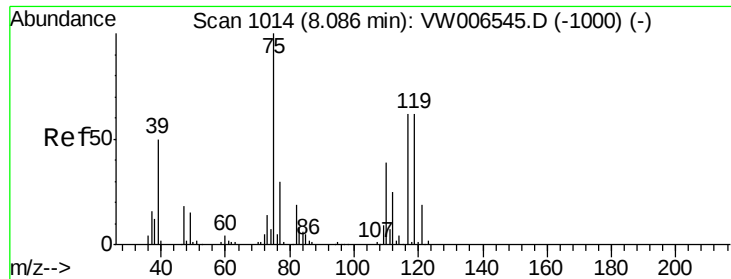
#35
 Dibromofluoromethane
 Concen: 50.753 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006627.D
 Acq: 05 Nov 2018 11:13

Tgt Ion:113 Resp: 126483
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.2 123.2
 192 24.0 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

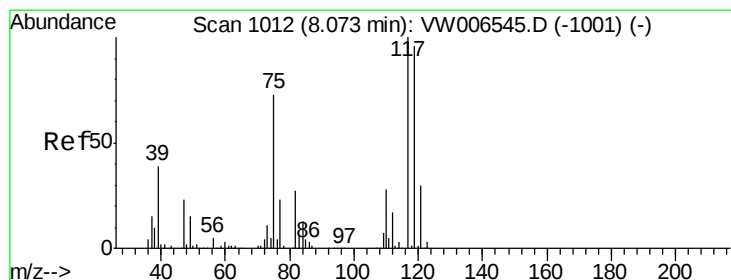
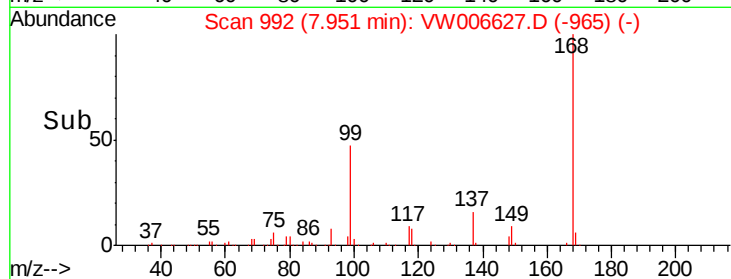
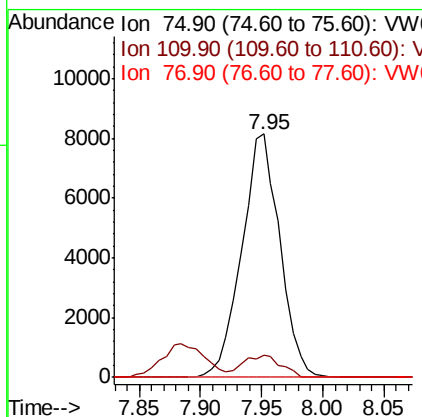
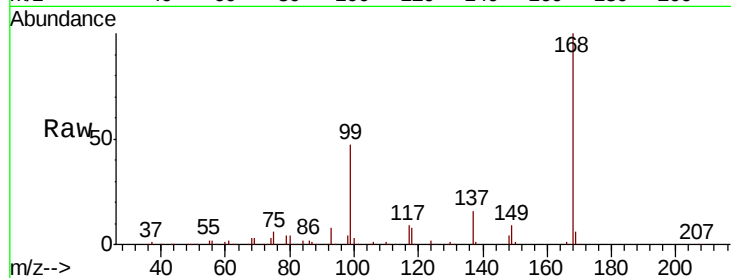




#36
 1,1-Dichloropropene
 Concen: 5.046 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006627.D
 Acq: 05 Nov 2018 11:13

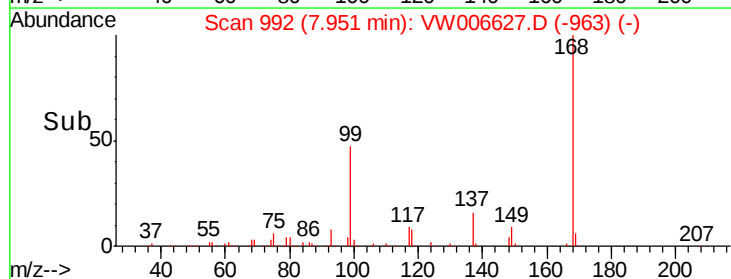
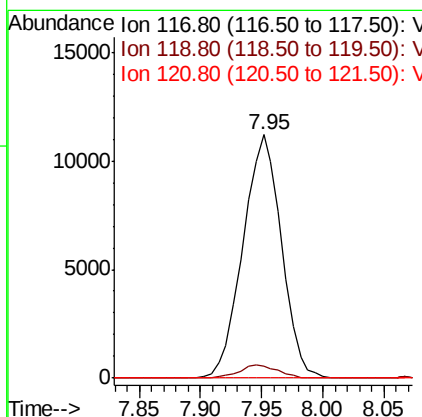
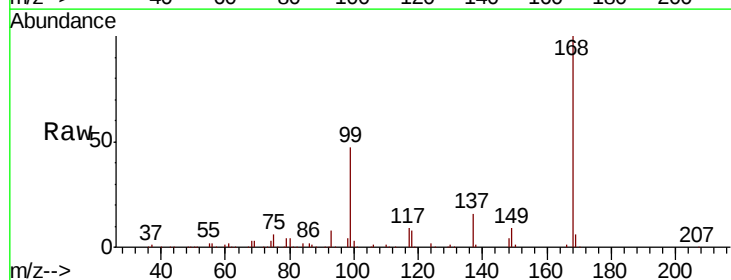
Instrument :
 MSVOA_W
 ClientSampled :

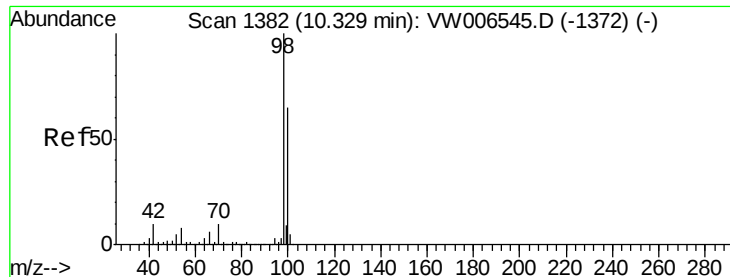
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.0	19.5	58.5#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 6.718 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006627.D
 Acq: 05 Nov 2018 11:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.9	76.3	114.5#
121	0.0	24.1	36.1#





#50

Toluene-d8

Concen: 51.467 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006627.D

Acq: 05 Nov 2018 11:13

Instrument :

MSVOA_W

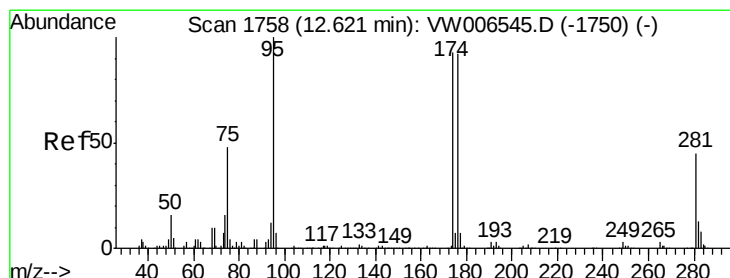
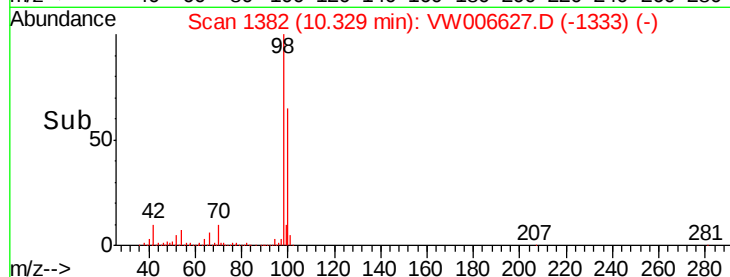
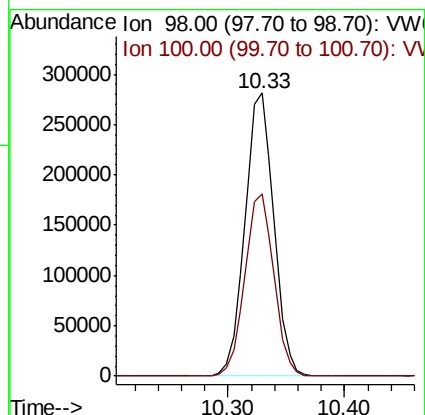
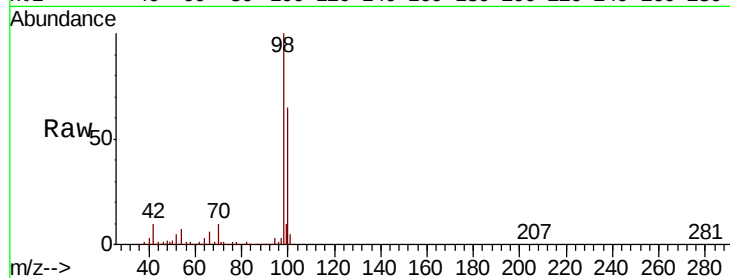
ClientSampleId :

Tot Ion: 98 Resp: 488272

Ion Ratio Lower Upper

98 100

100 64.6 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 47.219 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006627.D

Acq: 05 Nov 2018 11:13

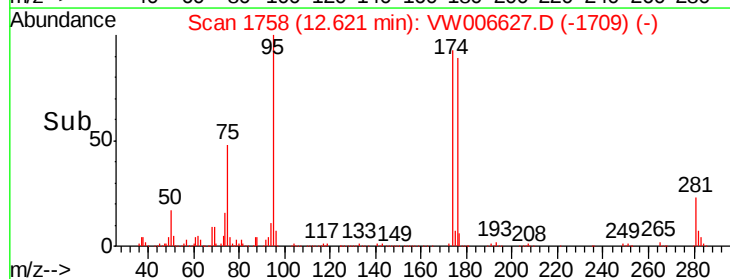
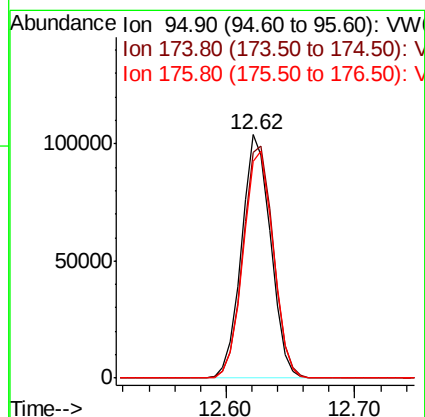
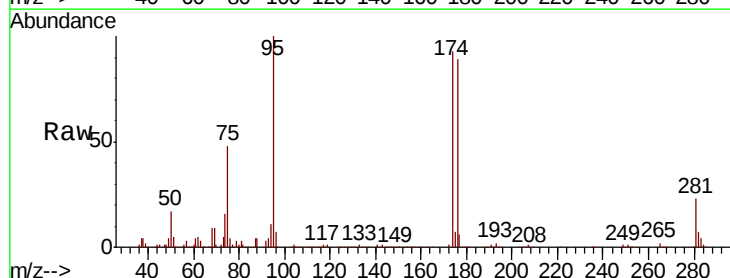
Tgt Ion: 95 Resp: 162405

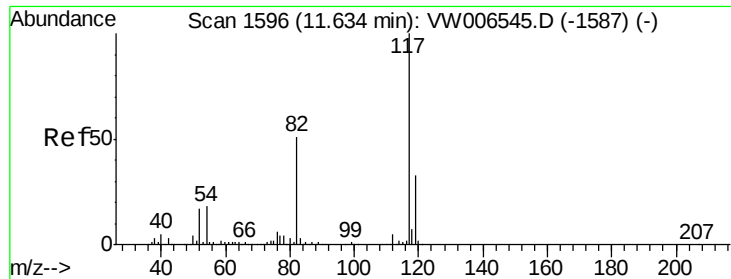
Ion Ratio Lower Upper

95 100

174 98.6 0.0 192.4

176 95.9 0.0 187.4

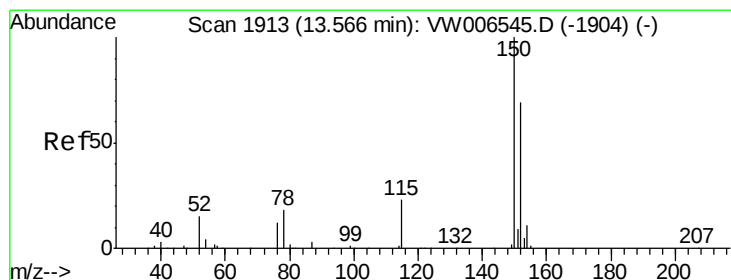
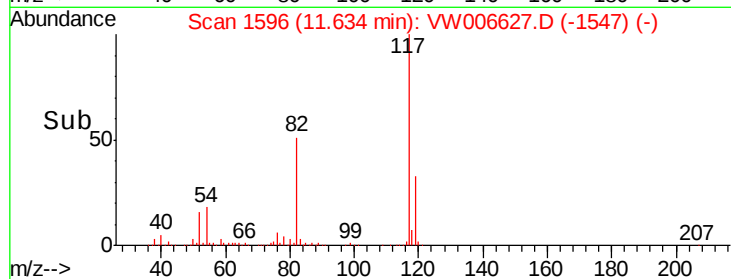
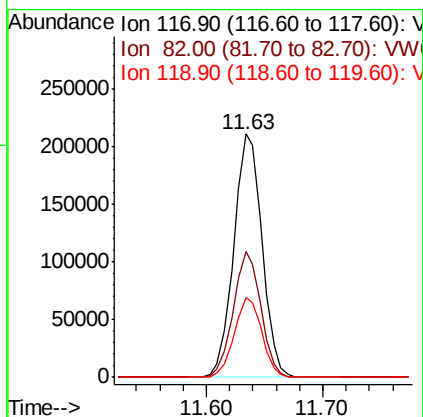
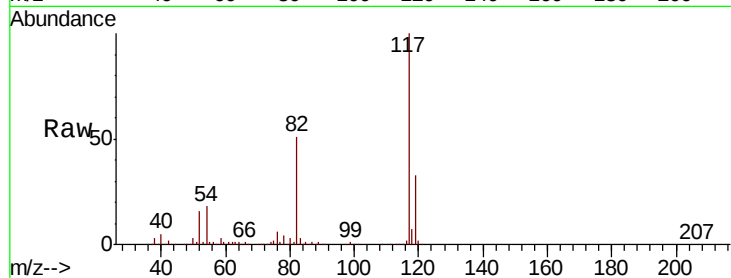




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006627.D
Acq: 05 Nov 2018 11:13

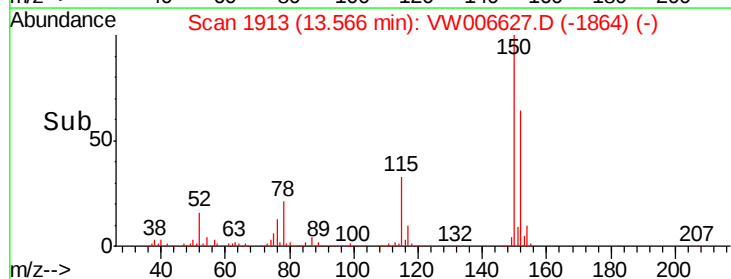
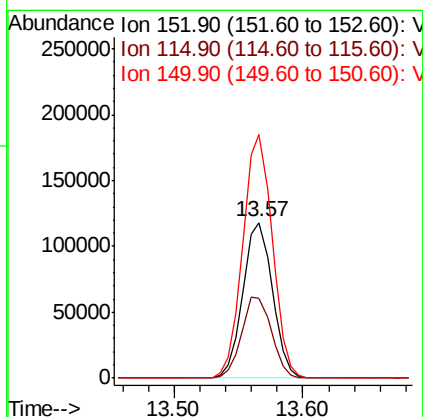
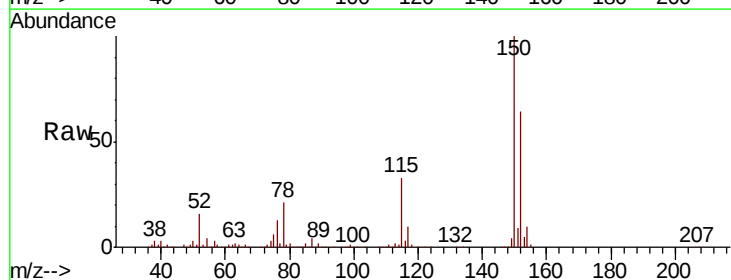
Instrument :
MSVOA_W
ClientSampled :

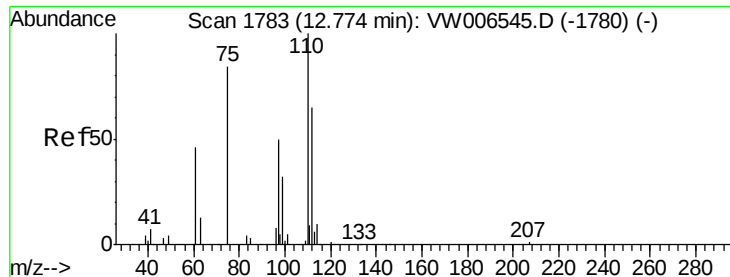
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.5	40.8	61.2
119	32.7	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006627.D
Acq: 05 Nov 2018 11:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.2	26.6	79.8
150	156.3	0.0	344.6





#76

1,2,3-Trichloropropane

Concen: 54.739 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006627.D

Acq: 05 Nov 2018 11:13

Instrument :

MSVOA_W

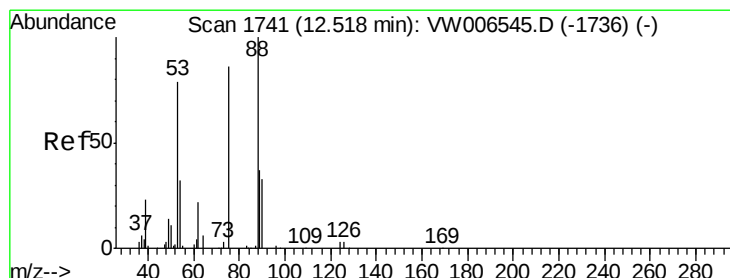
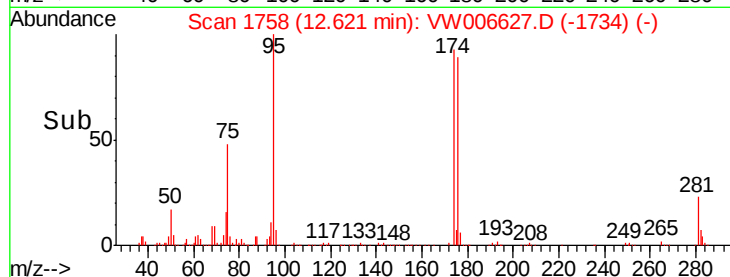
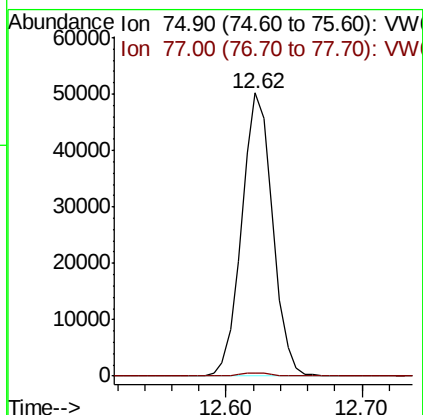
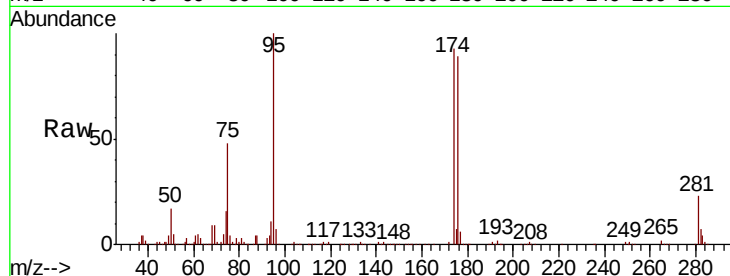
ClientSampled :

Tot Ion: 75 Resp: 79545

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 136.876 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006627.D

Acq: 05 Nov 2018 11:13

Tgt Ion: 75 Resp: 79545

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.0 38.6 58.0#

