

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102718\
 Data File : VW006377.D
 Acq On : 25 Oct 2018 23:59
 Operator : SY/AP
 Sample : VW1027SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1027SBL01

Quant Time: Oct 26 07:21:51 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	220925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	323358	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	295437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	159104	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	94021	51.33	ug/l	0.00
Spiked Amount			Recovery	=	102.66%	
35) Dibromofluoromethane	7.88	113	93770	49.08	ug/l	0.00
Spiked Amount			Recovery	=	98.16%	
50) Toluene-d8	10.32	98	347426	47.79	ug/l	0.00
Spiked Amount			Recovery	=	95.58%	
62) 4-Bromofluorobenzene	12.62	95	129857	47.56	ug/l	0.00
Spiked Amount			Recovery	=	95.12%	

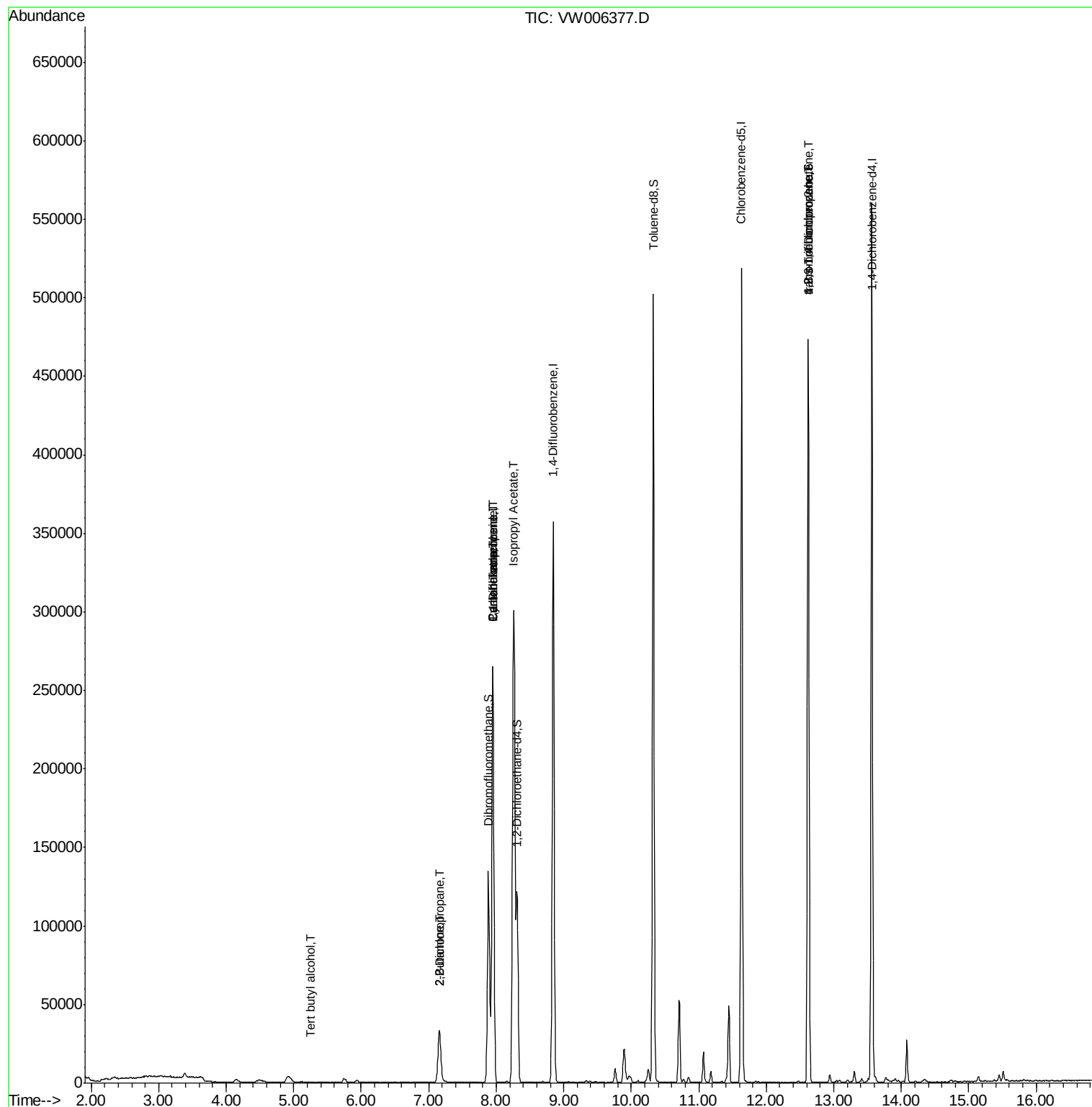
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.24	59	661	5.366	ug/l #	71
16) Acetone	4.15	43	4309	Below Cal	#	82
20) Methylene Chloride	4.92	84	2611	Below Cal		88
25) 2-Butanone	7.16	43	2245	4.537	ug/l #	72
26) 2,2-Dichloropropane	7.16	77	2453	1.033	ug/l #	51
31) Cyclohexane	7.95	56	3887	1.160	ug/l #	8
36) 1,1-Dichloropropene	7.95	75	14130	4.741	ug/l #	49
38) Carbon Tetrachloride	7.95	117	19188	5.873	ug/l #	17
43) Isopropyl Acetate	8.26	43	6287	2.777	ug/l #	27
76) 1,2,3-Trichloropropane	12.62	75	66087	54.382	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	66087	129.994	ug/l #	10

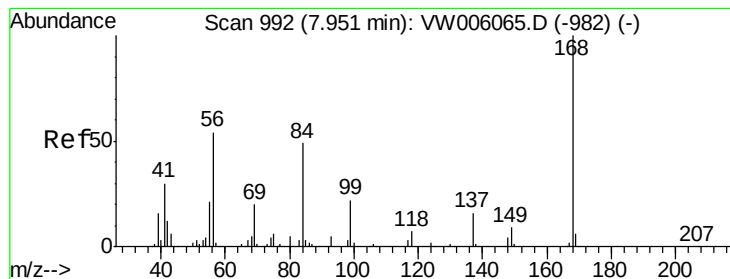
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102718\
Data File : VW006377.D
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ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBL01

Quant Time: Oct 26 07:21:51 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: VW006377.D

Acq: 25 Oct 2018 23:59

Instrument :

MSVOA_W

ClientSampled :

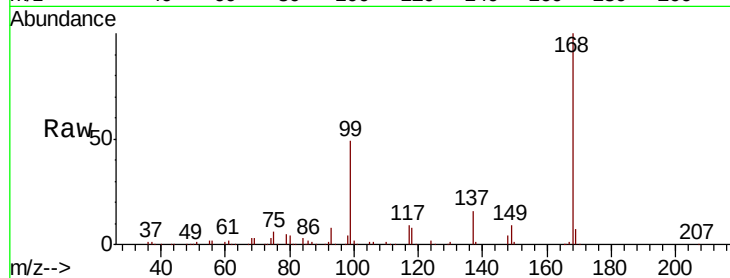
VW1027SBL01

Tot Ion:168 Resp: 220925

Ion Ratio Lower Upper

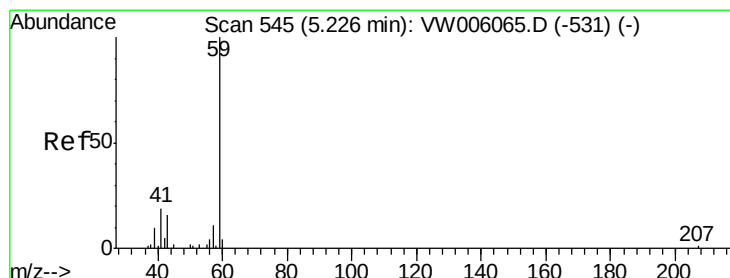
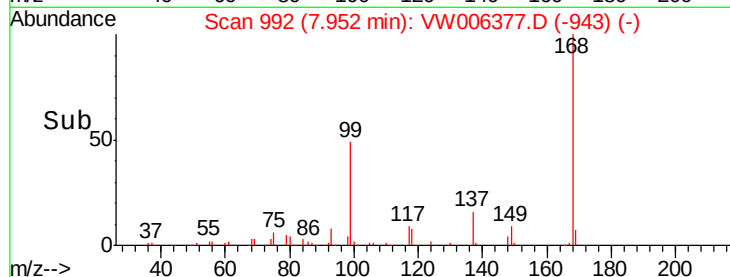
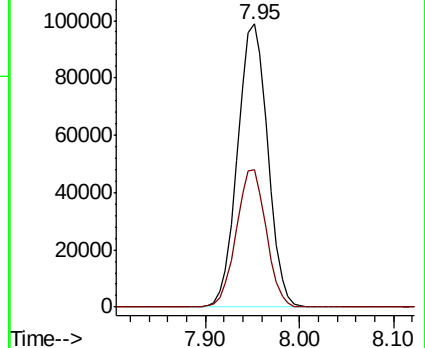
168 100

99 48.6 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: 5.366 ug/l

RT: 5.24 min Scan# 548

Delta R.T. 0.02 min

Lab File: VW006377.D

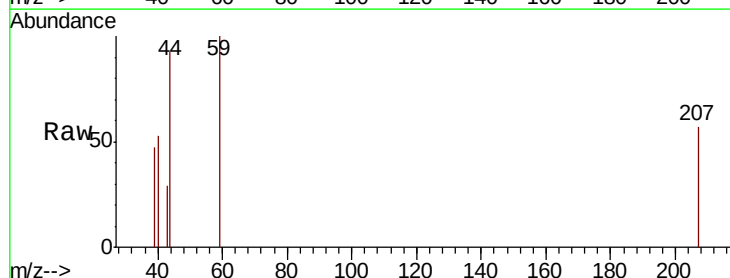
Acq: 25 Oct 2018 23:59

Tgt Ion: 59 Resp: 661

Ion Ratio Lower Upper

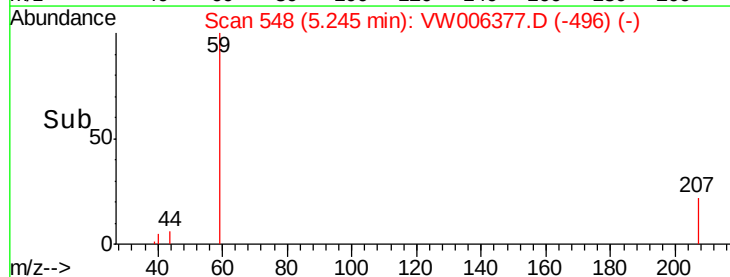
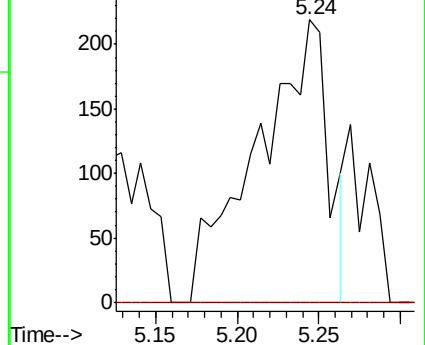
59 100

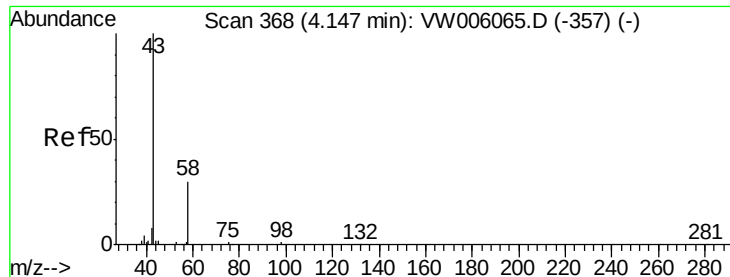
57 0.0 8.7 13.1#



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: VW006377.D

Acq: 25 Oct 2018 23:59

Instrument :

MSVOA_W

ClientSampleId :

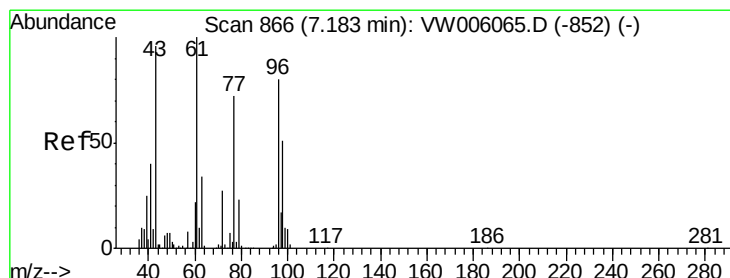
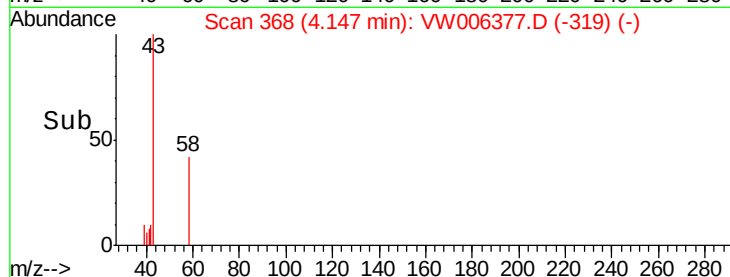
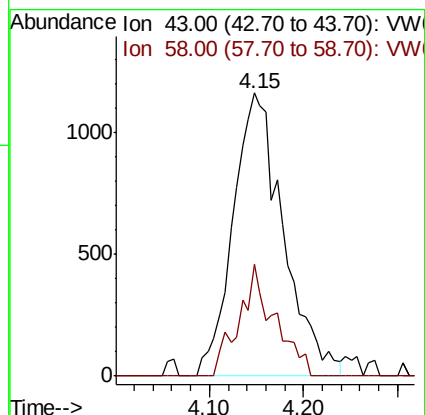
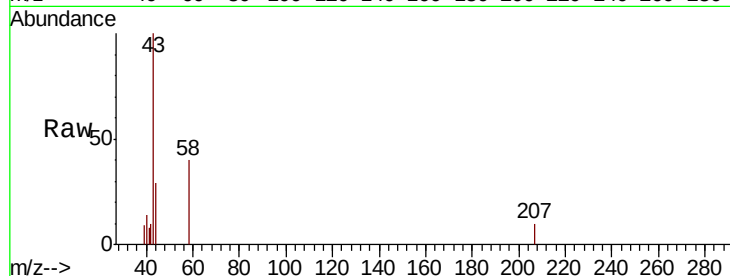
VW1027SBL01

Tot Ion: 43 Resp: 4309

Ion Ratio Lower Upper

43 100

58 39.7 24.0 36.0#



#25

2-Butanone

Concen: 4.537 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.02 min

Lab File: VW006377.D

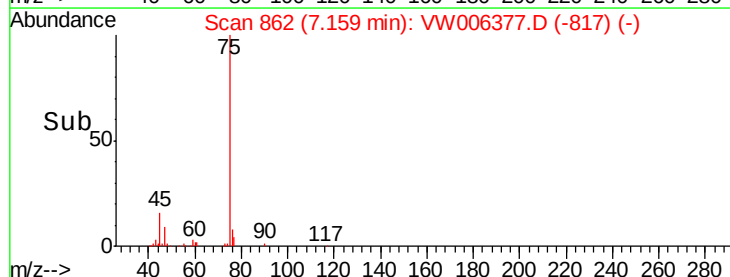
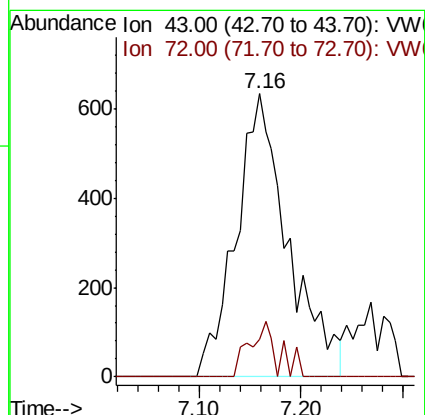
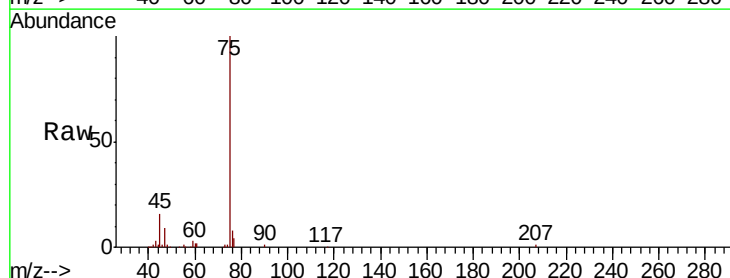
Acq: 25 Oct 2018 23:59

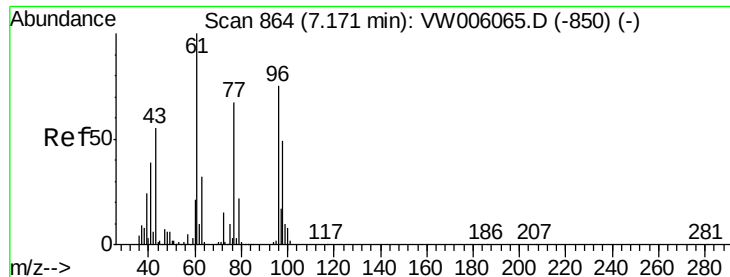
Tgt Ion: 43 Resp: 2245

Ion Ratio Lower Upper

43 100

72 13.4 22.8 34.2#





#26

2,2-Dichloropropane

Concen: 1.033 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW006377.D

Acq: 25 Oct 2018 23:59

Instrument :

MSVOA_W

ClientSampleId :

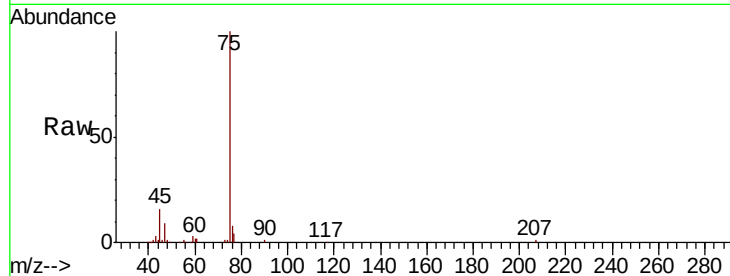
VW1027SBL01

Tot Ion: 77 Resp: 2453

Ion Ratio Lower Upper

77 100

97 0.0 12.2 36.4#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW

7.16

800

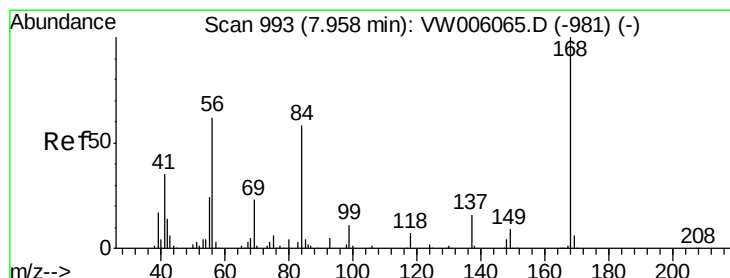
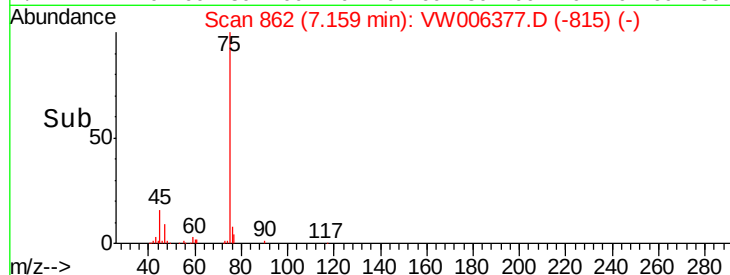
600

400

200

0

Time-->



#31

Cyclohexane

Concen: 1.160 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006377.D

Acq: 25 Oct 2018 23:59

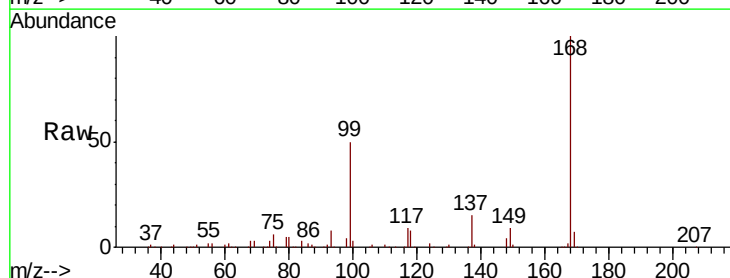
Tgt Ion: 56 Resp: 3887

Ion Ratio Lower Upper

56 100

69 154.0 29.4 44.0#

84 140.6 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

4000

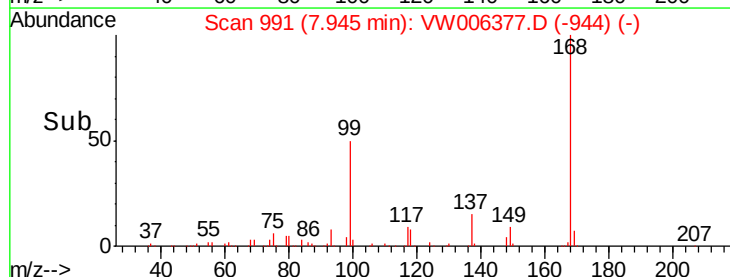
3000

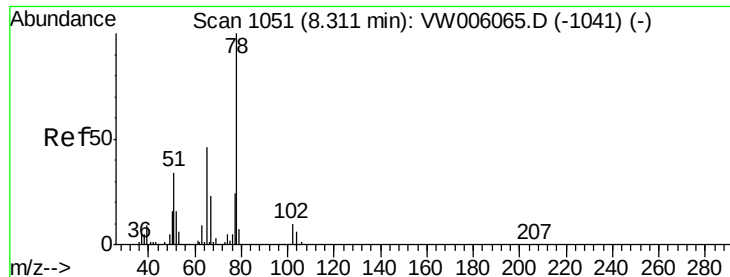
2000

1000

0

Time-->

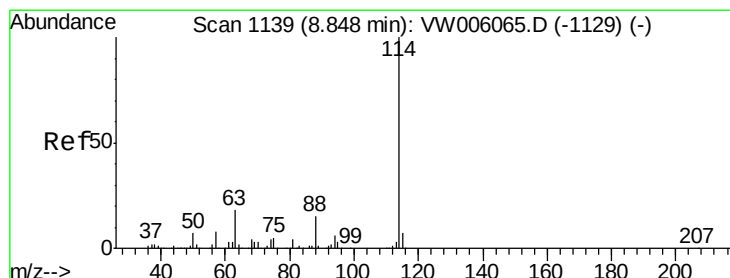
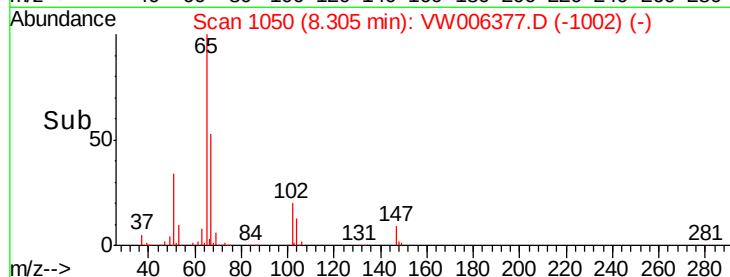
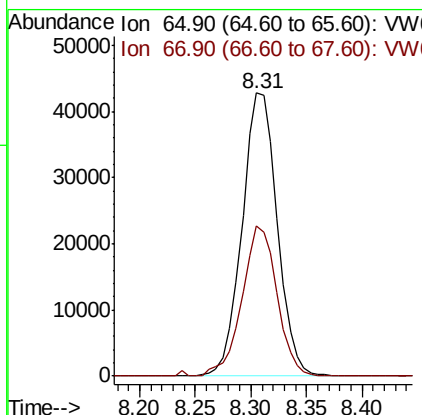
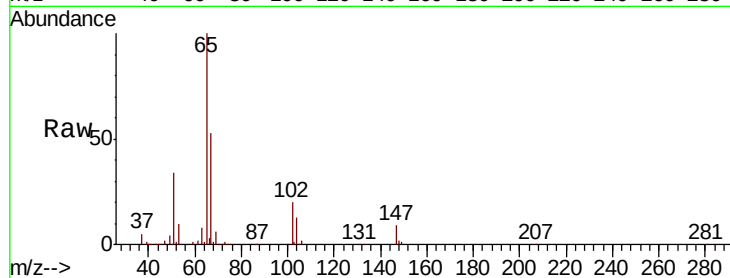




#33
 1,2-Dichloroethane-d4
 Concen: 51.333 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006377.D
 Acq: 25 Oct 2018 23:59

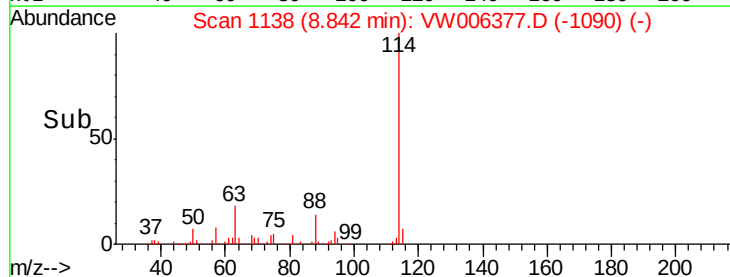
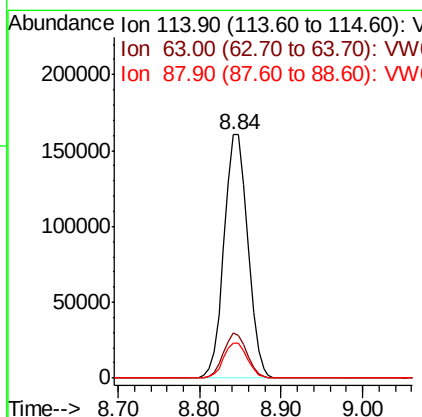
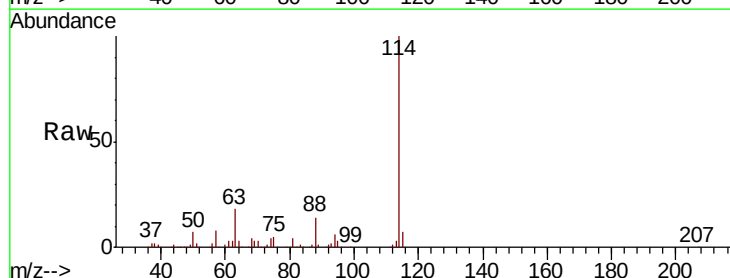
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1027SBL01

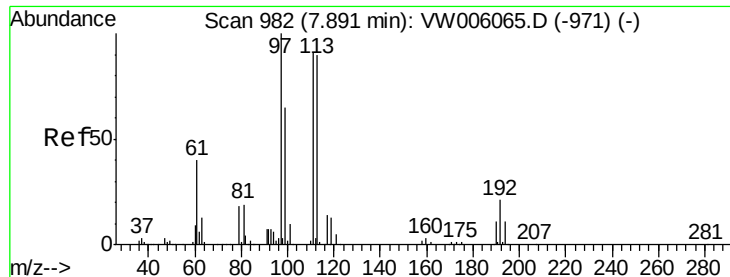
Tot Ion: 65 Resp: 94021
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006377.D
 Acq: 25 Oct 2018 23:59

Tgt Ion: 114 Resp: 323358
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.8
 88 14.5 0.0 29.0

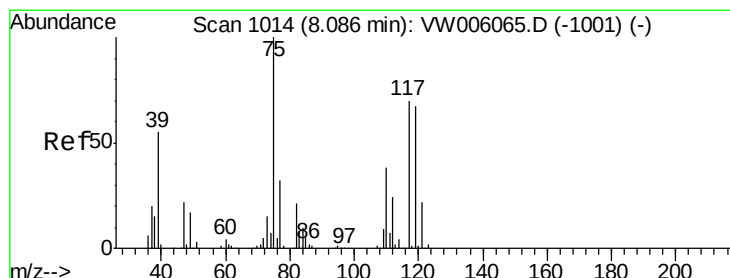
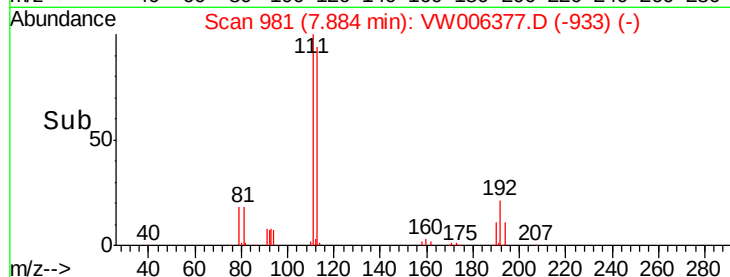
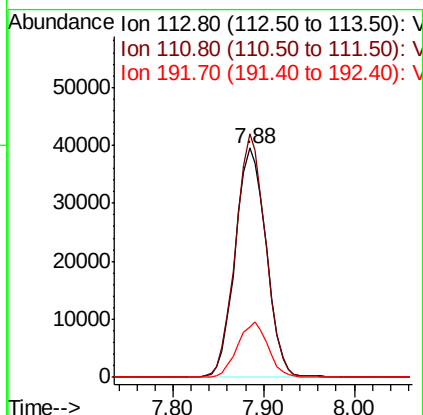
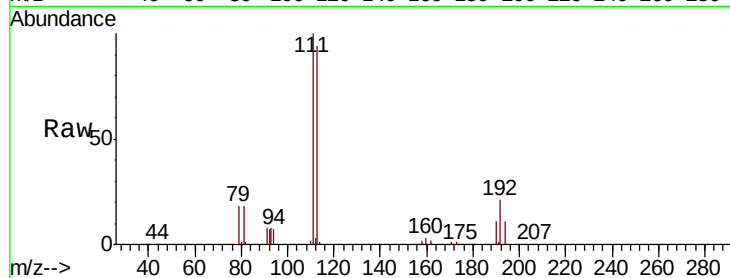




#35
 Dibromofluoromethane
 Concen: 49.076 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006377.D
 Acq: 25 Oct 2018 23:59

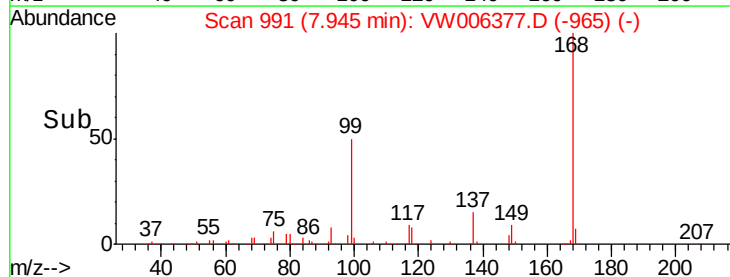
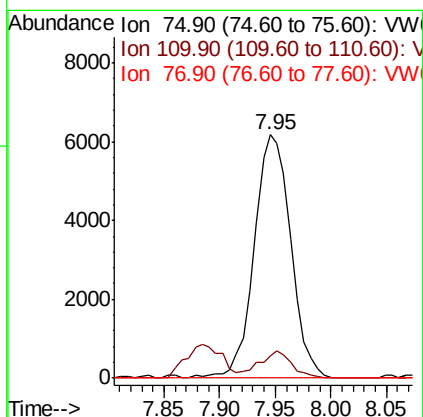
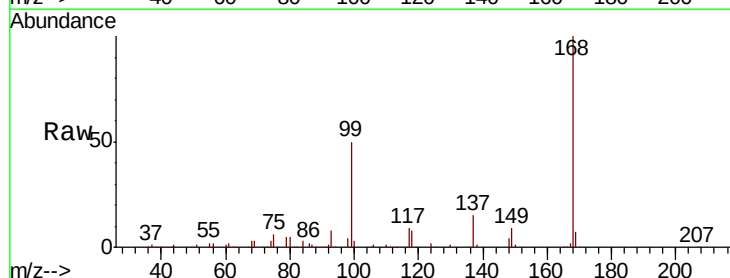
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1027SBL01

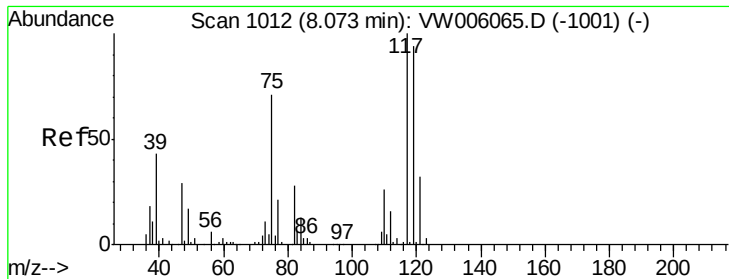
Tot Ion:113 Resp: 93770
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.4 122.0
 192 23.4 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 4.741 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006377.D
 Acq: 25 Oct 2018 23:59

Tgt Ion: 75 Resp: 14130
 Ion Ratio Lower Upper
 75 100
 110 10.0 19.1 57.1#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.873 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW006377.D

Acq: 25 Oct 2018 23:59

Instrument :

MSVOA_W

ClientSampleId :

VW1027SBL01

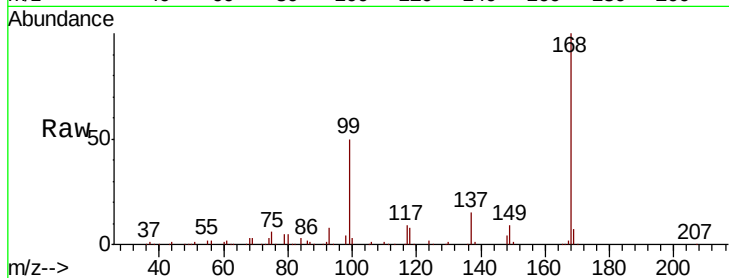
Tot Ion:117 Resp: 19188

Ion Ratio Lower Upper

117 100

119 5.0 75.2 112.8#

121 0.0 25.3 37.9#

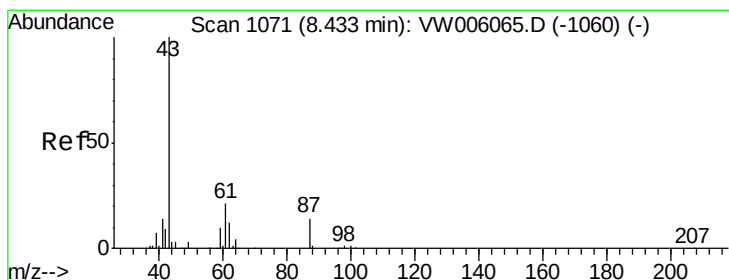
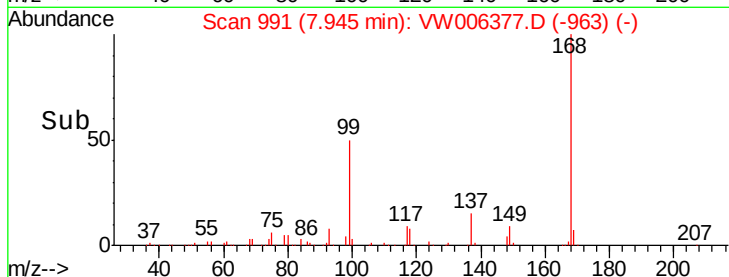
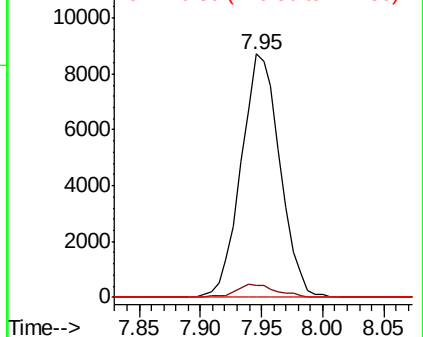


Abundance

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



#43

Isopropyl Acetate

Concen: 2.777 ug/l

RT: 8.26 min Scan# 1042

Delta R.T. -0.18 min

Lab File: VW006377.D

Acq: 25 Oct 2018 23:59

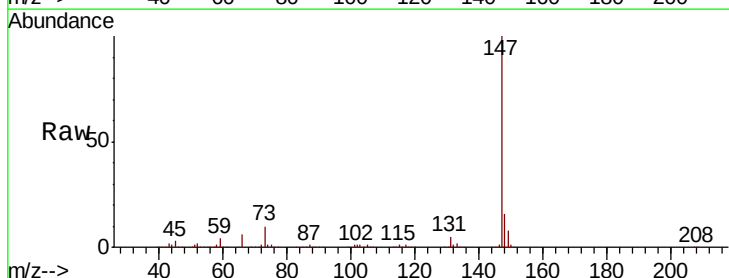
Tgt Ion: 43 Resp: 6287

Ion Ratio Lower Upper

43 100

61 18.4 25.5 38.3#

87 88.6 11.7 17.5#

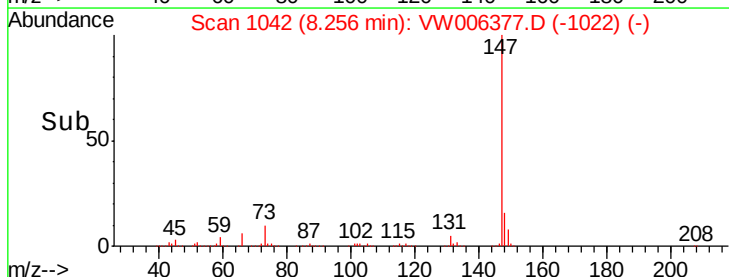
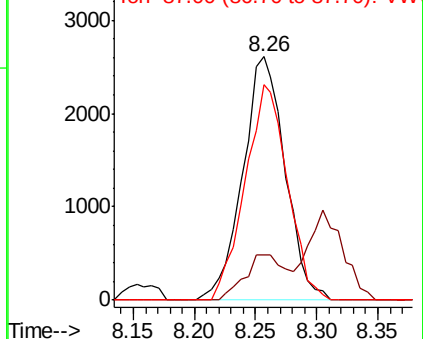


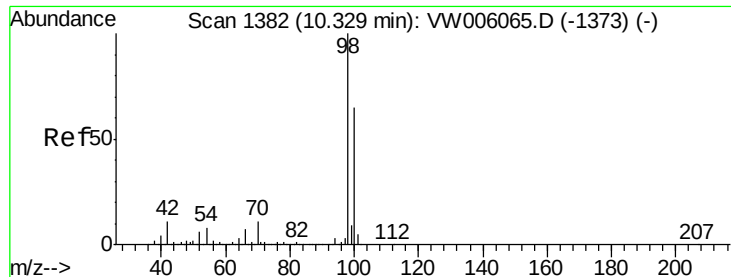
Abundance

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

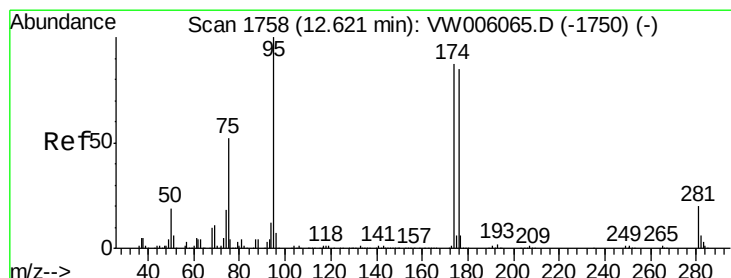
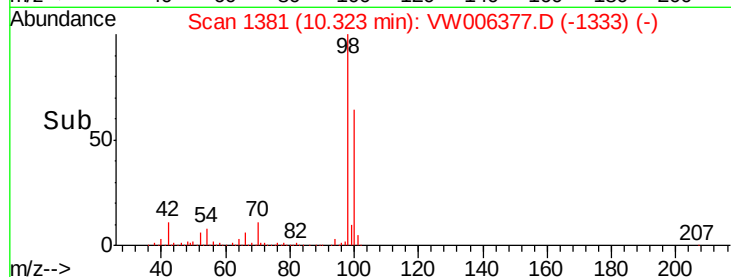
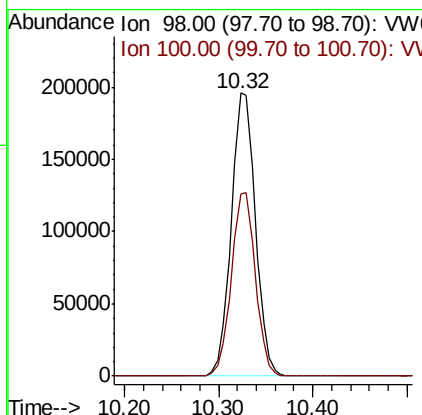
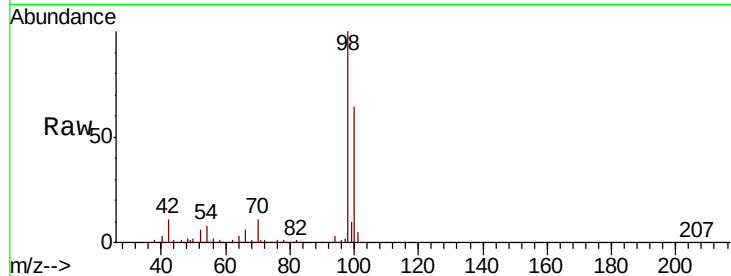




#50
Toluene-d8
Concen: 47.794 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006377.D
Acq: 25 Oct 2018 23:59

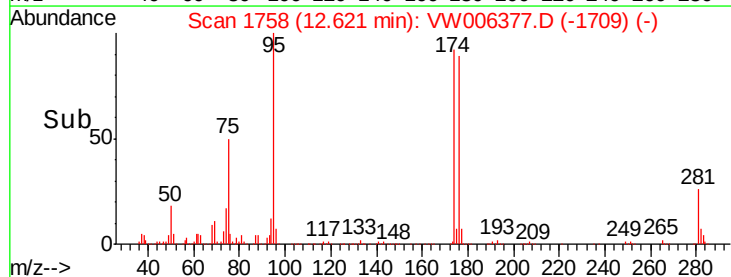
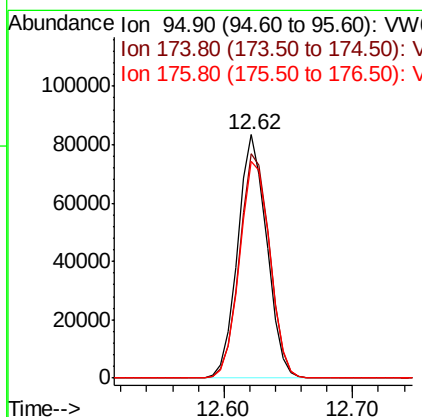
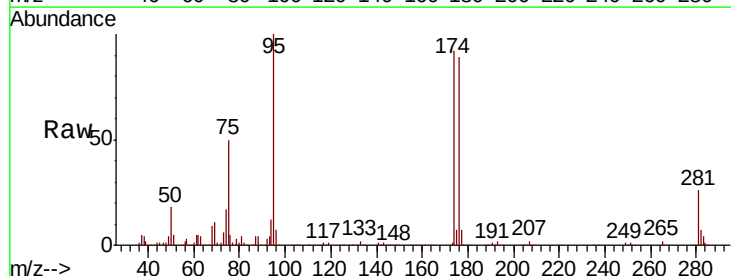
Instrument :
MSVOA_W
ClientSampleId :
VW1027SBL01

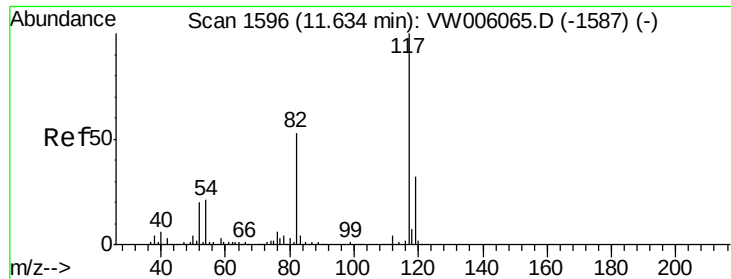
Tot Ion: 98 Resp: 347426
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 47.562 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006377.D
Acq: 25 Oct 2018 23:59

Tgt Ion: 95 Resp: 129857
Ion Ratio Lower Upper
95 100
174 95.4 0.0 186.0
176 93.1 0.0 181.6

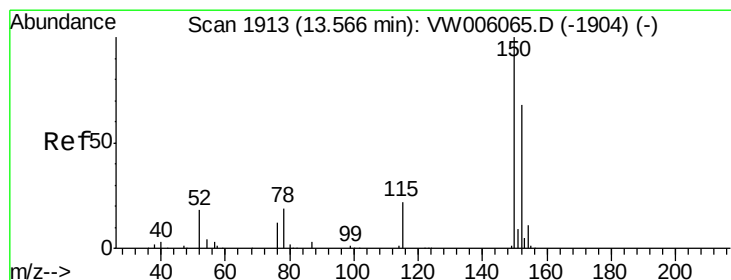
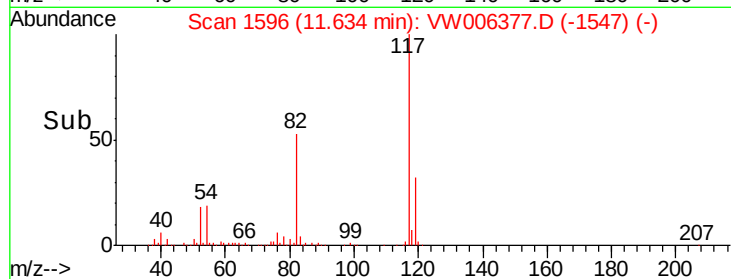
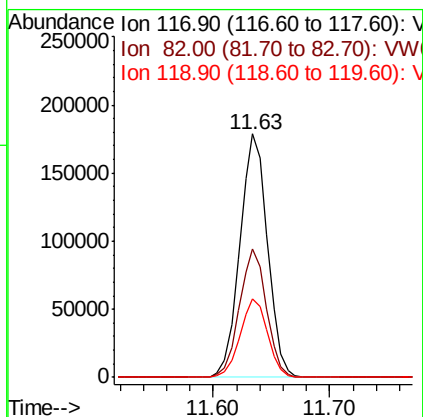
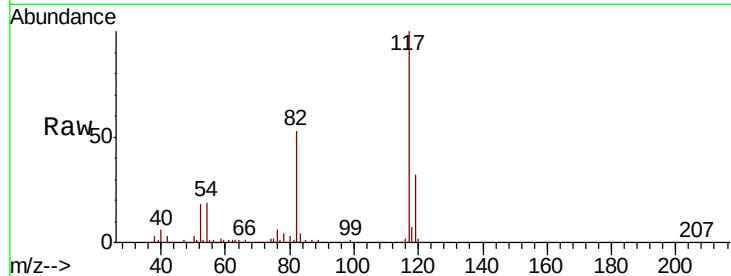




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006377.D
Acq: 25 Oct 2018 23:59

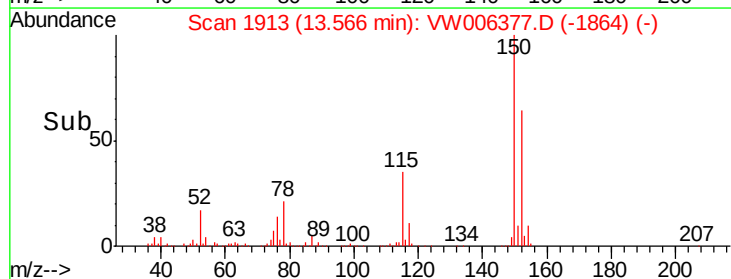
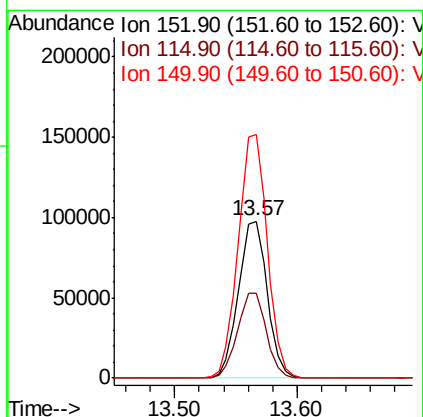
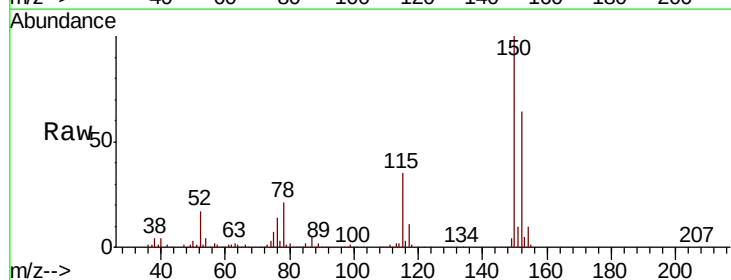
Instrument :
MSVOA_W
ClientSampleId :
VW1027SBL01

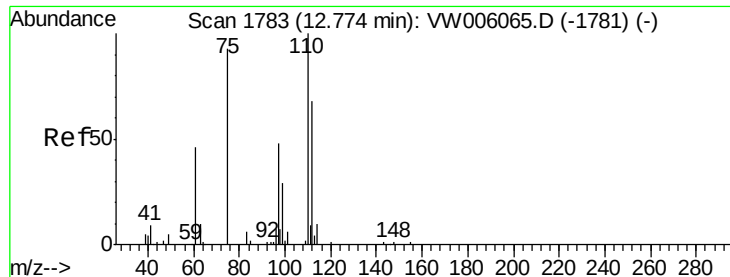
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	42.1	63.1
119	32.3	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006377.D
Acq: 25 Oct 2018 23:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.1	27.8	83.3
150	156.2	0.0	349.2





#76

1,2,3-Trichloropropane

Concen: 54.382 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006377.D

Acq: 25 Oct 2018 23:59

Instrument :

MSVOA_W

ClientSampleId :

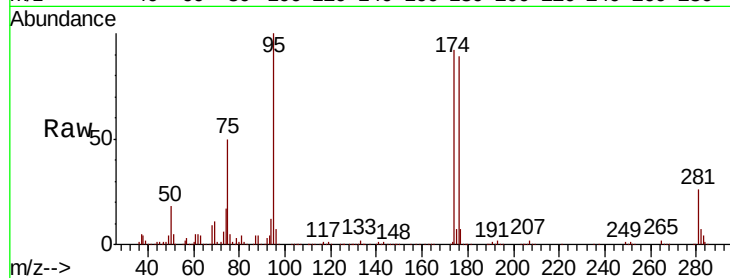
VW1027SBL01

Tot Ion: 75 Resp: 66087

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

12.62

40000

30000

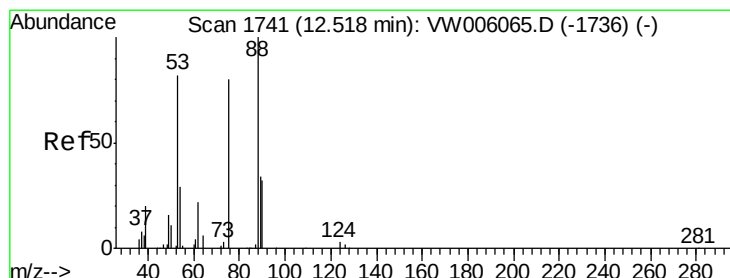
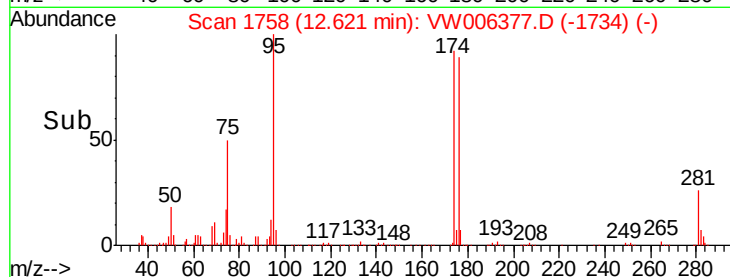
20000

10000

0

12.55 12.60 12.65 12.70

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 129.994 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006377.D

Acq: 25 Oct 2018 23:59

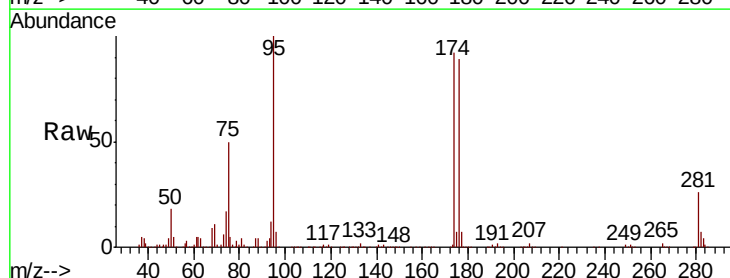
Tgt Ion: 75 Resp: 66087

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.2 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

12.62

40000

30000

20000

10000

0

12.55 12.60 12.65 12.70

Time-->

