

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103118\
 Data File : VW006507.D
 Acq On : 30 Oct 2018 17:35
 Operator : SY/AP
 Sample : J5654-02
 Misc : 9.41G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SW2-02

Quant Time: Oct 31 03:49:45 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	333564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	480500	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	439747	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	230107	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	116193	42.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.04%	
35) Dibromofluoromethane	7.88	113	19079	6.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	13.44%	
50) Toluene-d8	10.33	98	432732	40.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.12%	
62) 4-Bromofluorobenzene	12.62	95	151509	37.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.68%	

Target Compounds

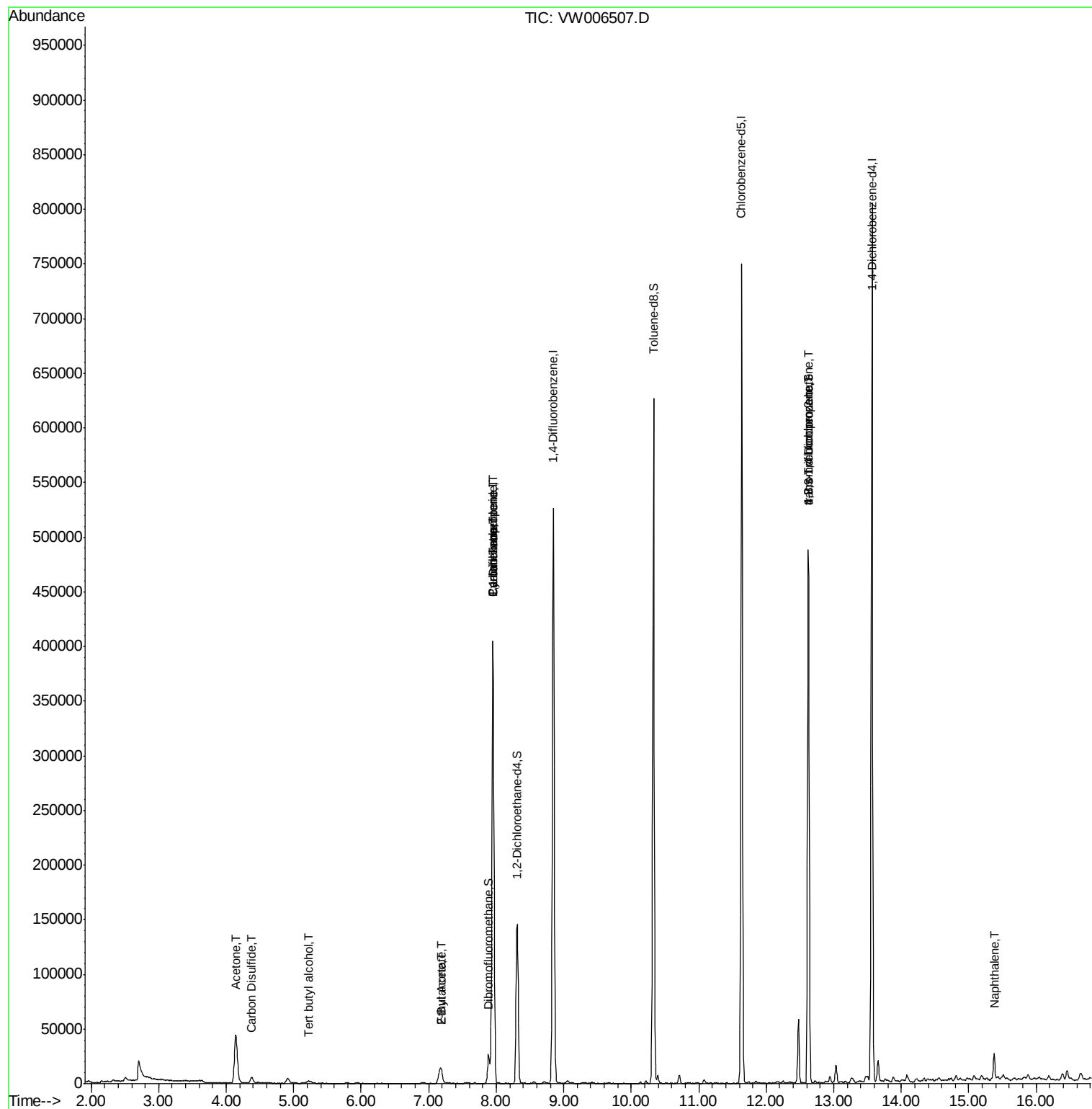
					Qvalue
11) Tert butyl alcohol	5.22	59	5542	29.798	ug/l 95
16) Acetone	4.14	43	87544	163.624	ug/l 98
17) Carbon Disulfide	4.37	76	12085	1.437	ug/l 97
20) Methylene Chloride	4.91	84	3740	Below Cal	96
25) 2-Butanone	7.19	43	17762	23.775	ug/l 95
31) Cyclohexane	7.95	56	5629	1.112	ug/l # 3
36) 1,1-Dichloropropene	7.95	75	20704	4.675	ug/l # 49
37) Ethyl Acetate	7.19	43	17762	10.794	ug/l # 67
38) Carbon Tetrachloride	7.95	117	29310	6.037	ug/l # 16
76) 1,2,3-Trichloropropane	12.62	75	74987	42.665	ug/l # 100
81) trans-1,4-Dichloro-2-buten	12.62	75	74987	101.987	ug/l # 10
95) Naphthalene	15.38	128	22638	2.502	ug/l 99

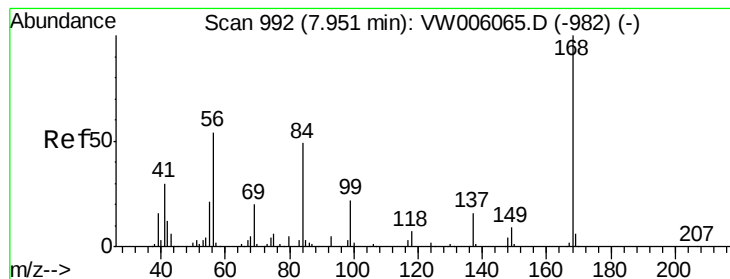
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW103118\
Data File : VW006507.D
Acq On : 30 Oct 2018 17:35
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Misc : 9.41G/5ML/MSVOA W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SW2-02

Quant Time: Oct 31 03:49:45 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: VW006507.D

Acq: 30 Oct 2018 17:35

Instrument :

MSVOA_W

ClientSampled :

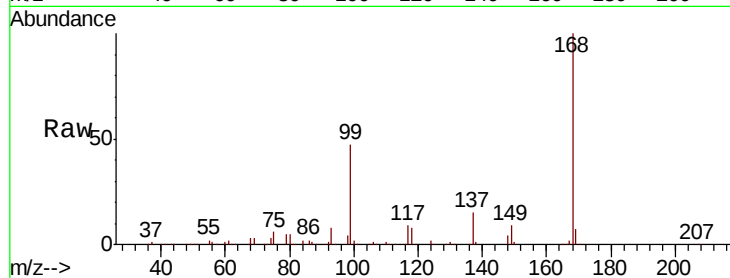
SW2-02

Tot Ion:168 Resp: 333564

Ion Ratio Lower Upper

168 100

99 47.5 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

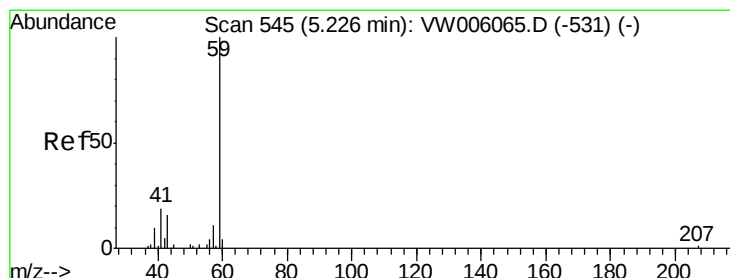
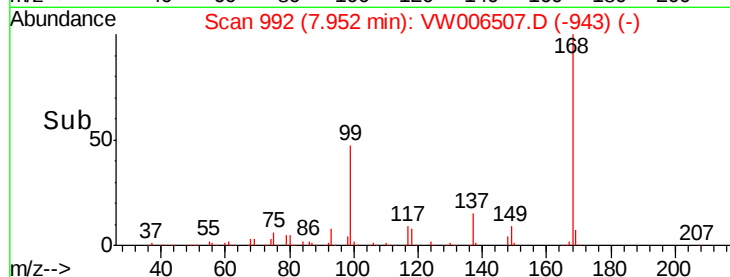
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 29.798 ug/l

RT: 5.22 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW006507.D

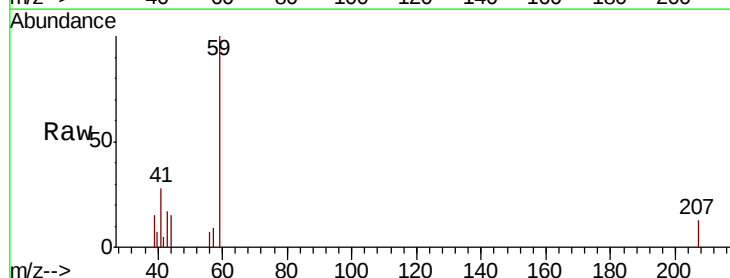
Acq: 30 Oct 2018 17:35

Tgt Ion: 59 Resp: 5542

Ion Ratio Lower Upper

59 100

57 9.1 8.7 13.1



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

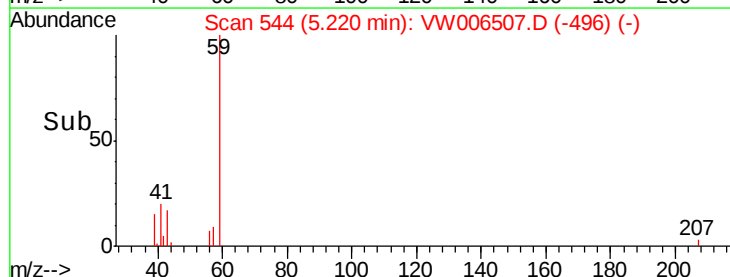
5.22

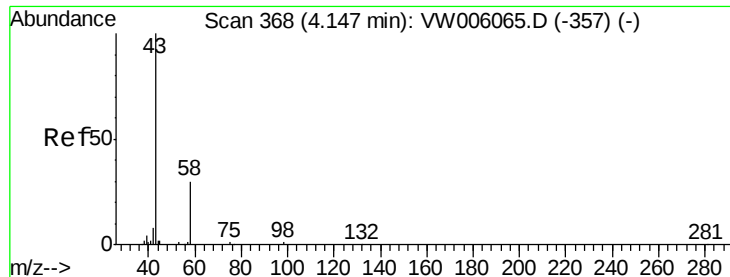
1000

500

0

Time--> 5.10 5.20 5.30 5.40





#16

Acetone

Concen: 163.624 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006507.D

Acq: 30 Oct 2018 17:35

Instrument :

MSVOA_W

ClientSampled :

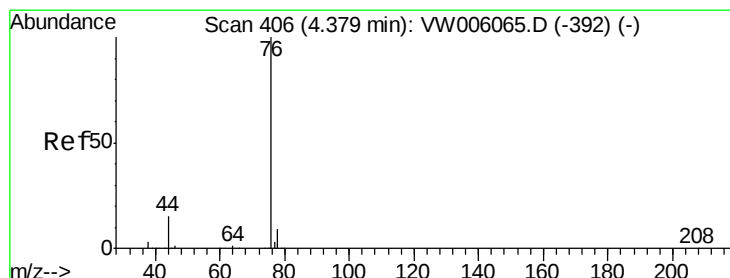
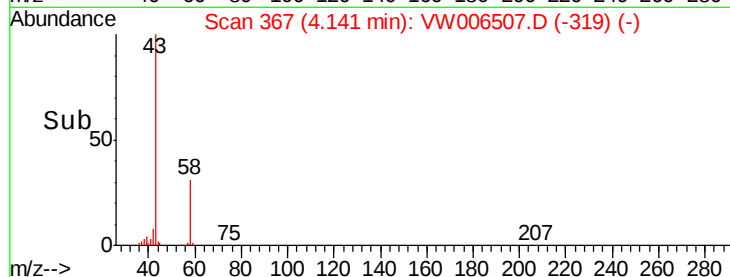
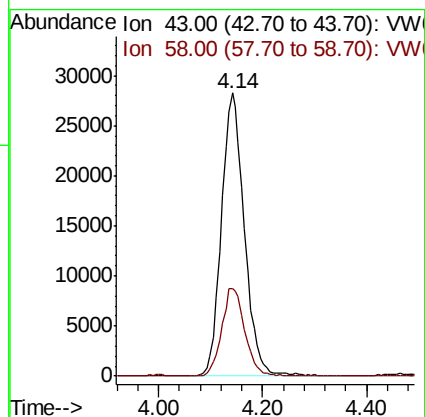
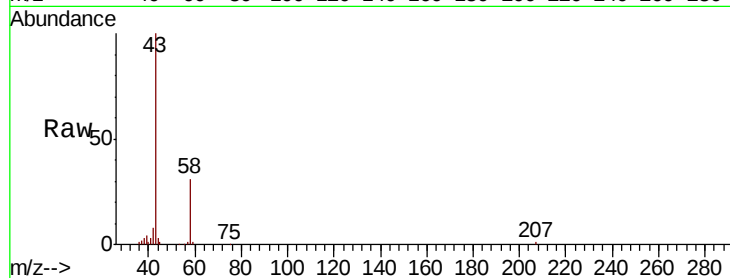
SW2-02

Tot Ion: 43 Resp: 87544

Ion Ratio Lower Upper

43 100

58 31.1 24.0 36.0



#17

Carbon Disulfide

Concen: 1.437 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006507.D

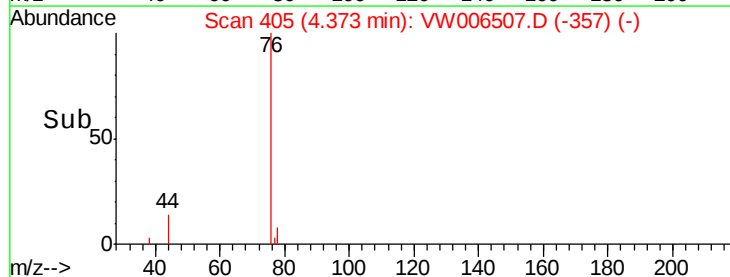
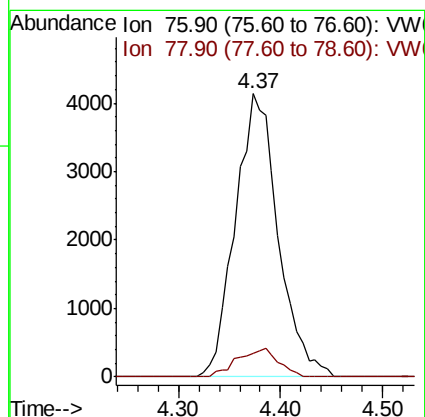
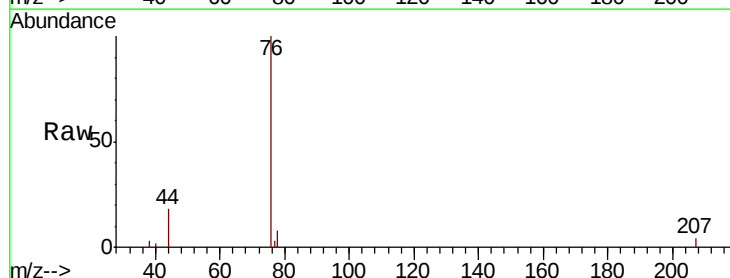
Acq: 30 Oct 2018 17:35

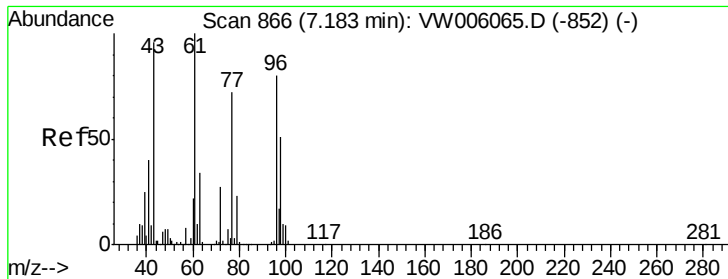
Tgt Ion: 76 Resp: 12085

Ion Ratio Lower Upper

76 100

78 8.2 7.5 11.3





#25

2-Butanone

Concen: 23.775 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW006507.D

Acq: 30 Oct 2018 17:35

Instrument :

MSVOA_W

ClientSampleId :

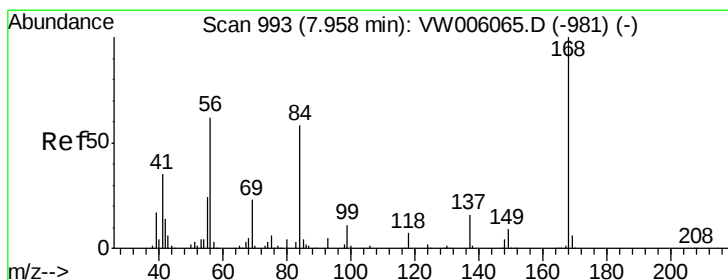
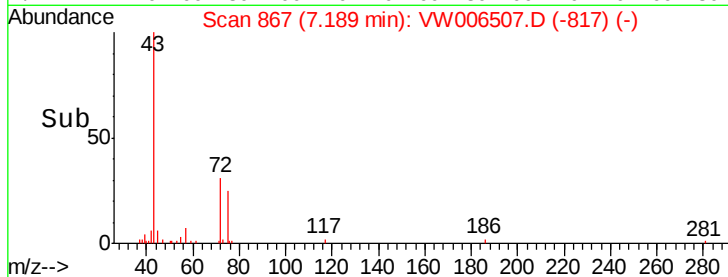
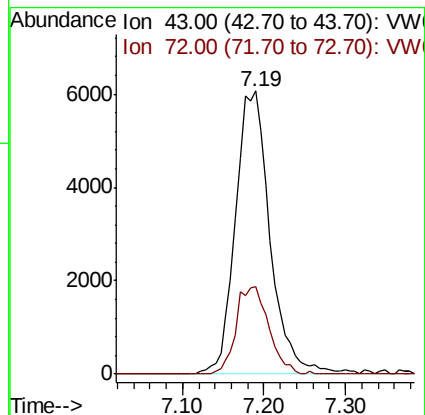
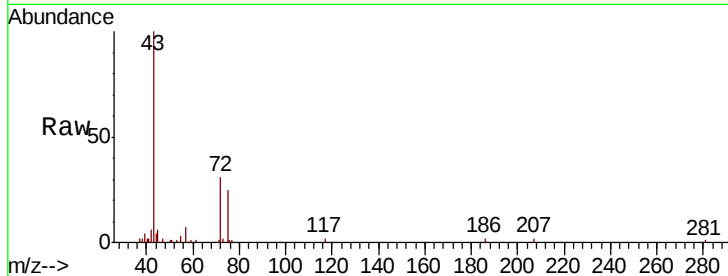
SW2-02

Tot Ion: 43 Resp: 17762

Ion Ratio Lower Upper

43 100

72 30.9 22.8 34.2



#31

Cyclohexane

Concen: 1.112 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006507.D

Acq: 30 Oct 2018 17:35

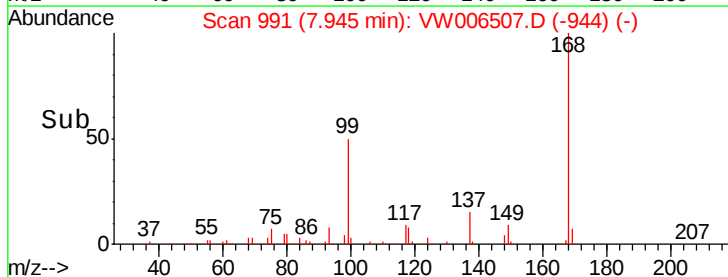
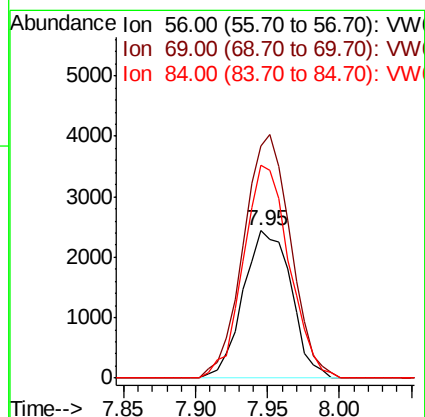
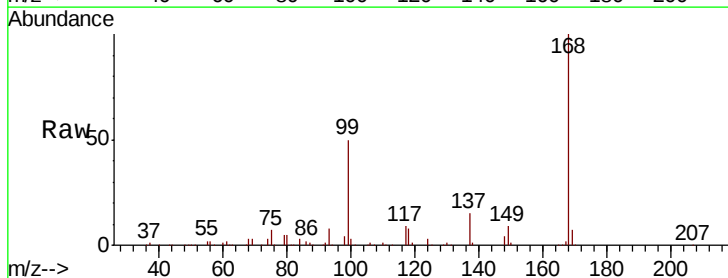
Tgt Ion: 56 Resp: 5629

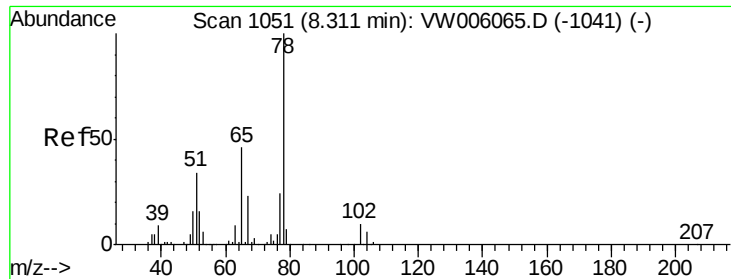
Ion Ratio Lower Upper

56 100

69 157.6 29.4 44.0#

84 144.6 74.0 111.0#

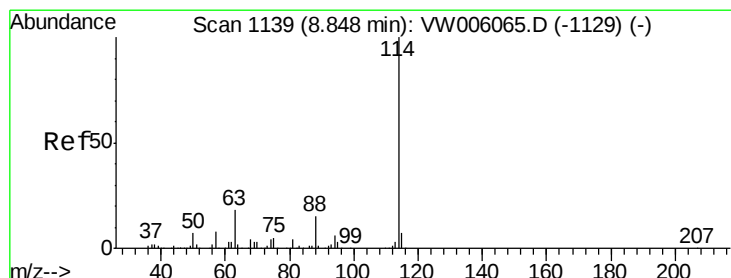
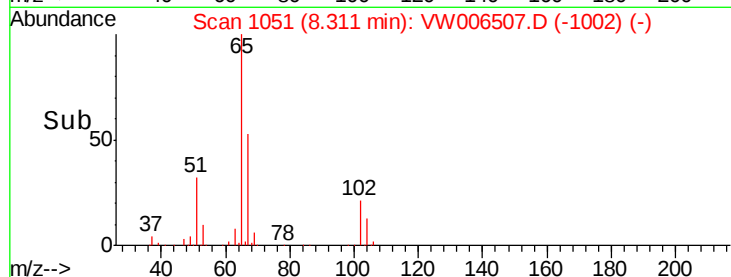
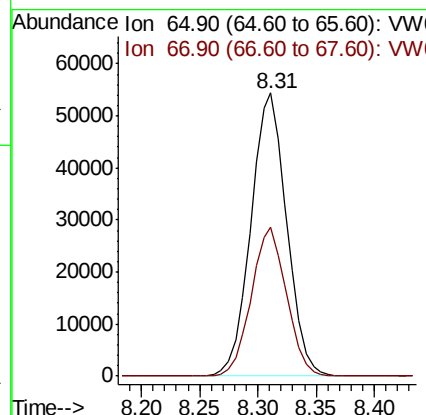
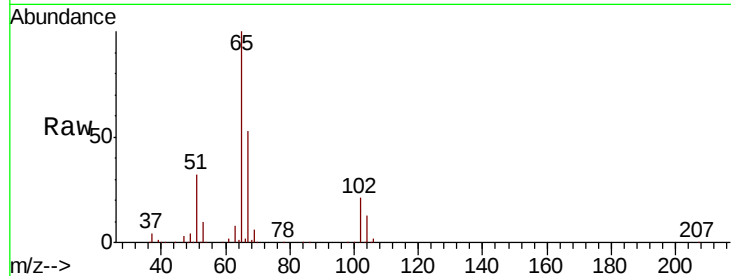




#33
 1,2-Dichloroethane-d4
 Concen: 42.016 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006507.D
 Acq: 30 Oct 2018 17:35

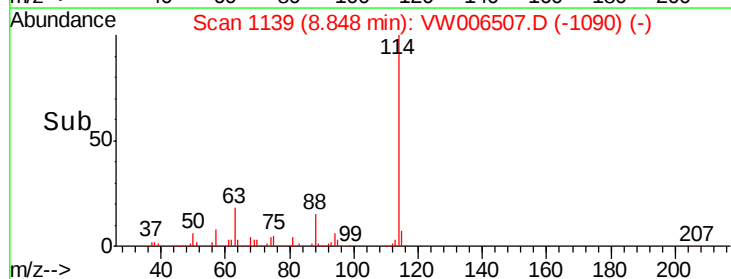
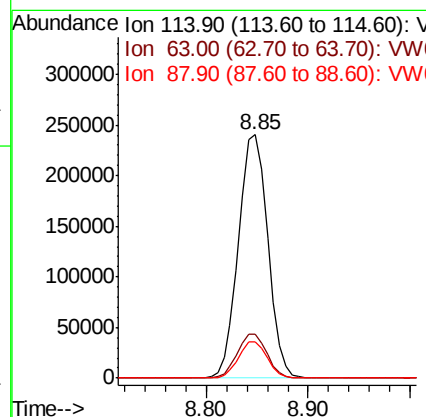
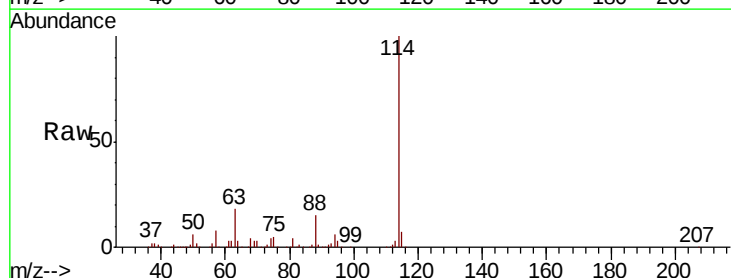
Instrument :
 MSVOA_W
 ClientSampled :
 SW2-02

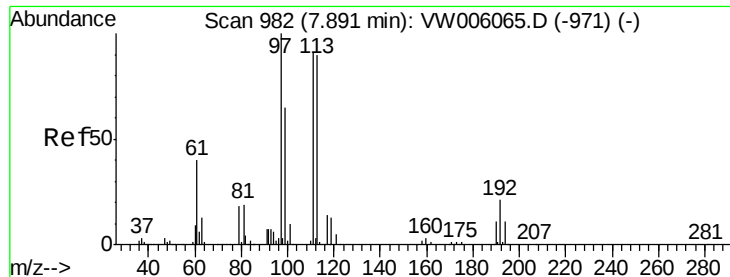
Tot Ion: 65 Resp: 116193
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006507.D
 Acq: 30 Oct 2018 17:35

Tgt Ion: 114 Resp: 480500
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 36.8
 88 14.7 0.0 29.0





#35

Dibromofluoromethane

Concen: 6.720 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006507.D

Acq: 30 Oct 2018 17:35

Instrument :

MSVOA_W

ClientSampled :

SW2-02

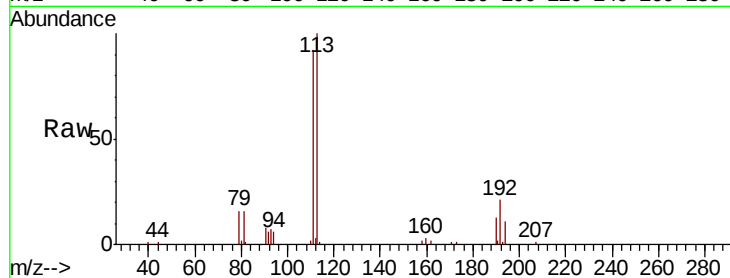
Tot Ion:113 Resp: 19079

Ion Ratio Lower Upper

113 100

111 99.9 81.4 122.0

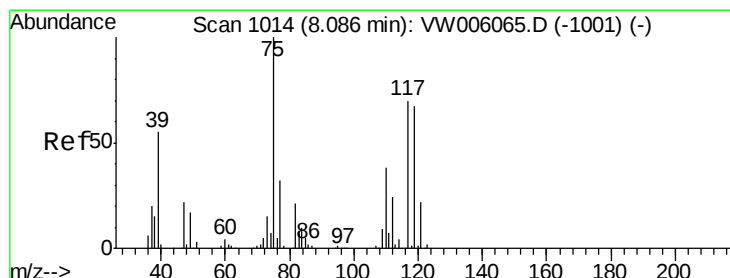
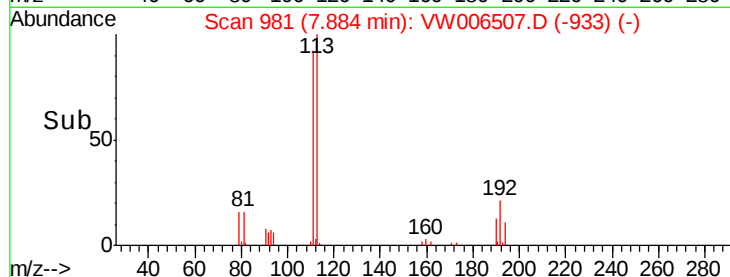
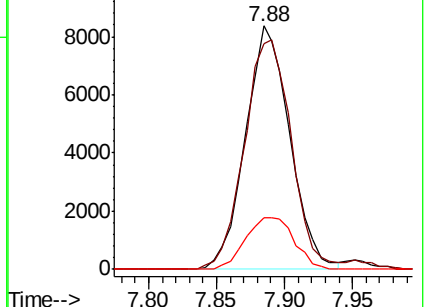
192 23.3 18.7 28.1



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: 4.675 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006507.D

Acq: 30 Oct 2018 17:35

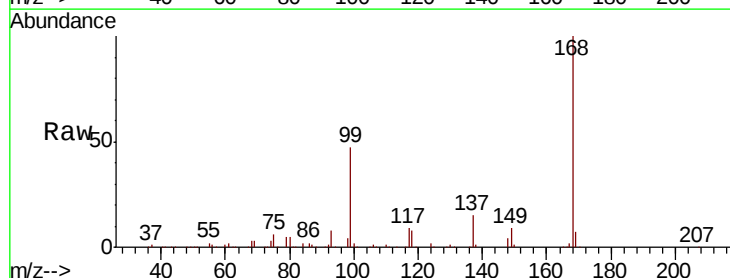
Tgt Ion: 75 Resp: 20704

Ion Ratio Lower Upper

75 100

110 9.6 19.1 57.1#

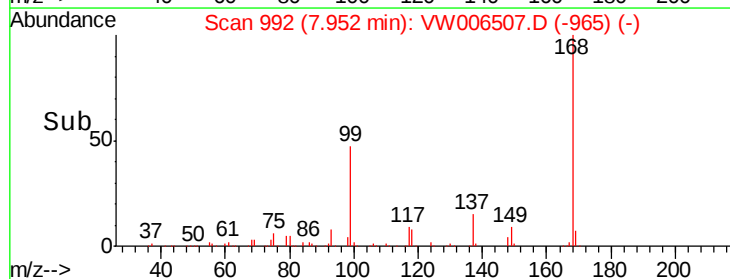
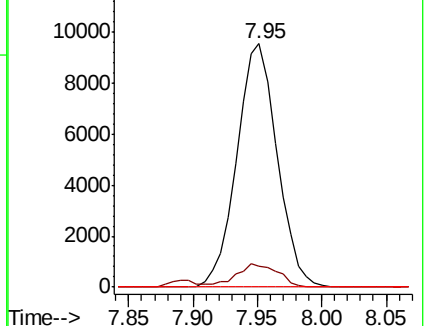
77 0.0 25.0 37.4#

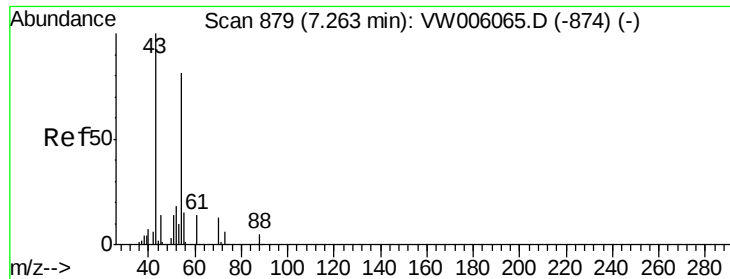


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

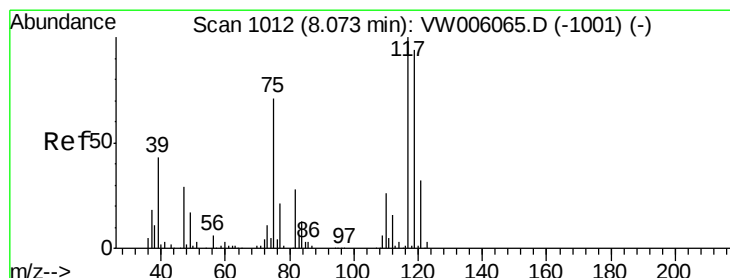
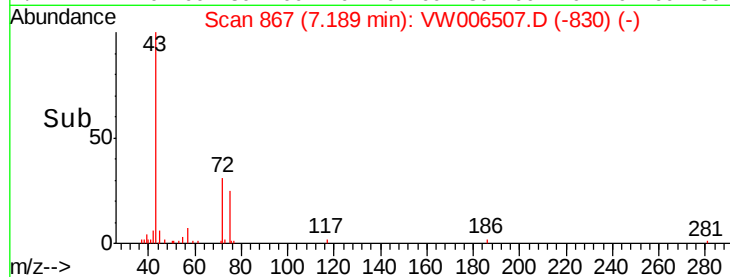
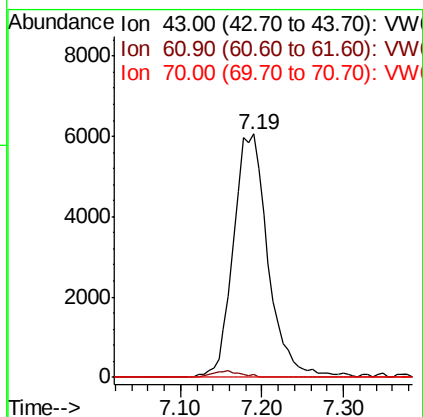
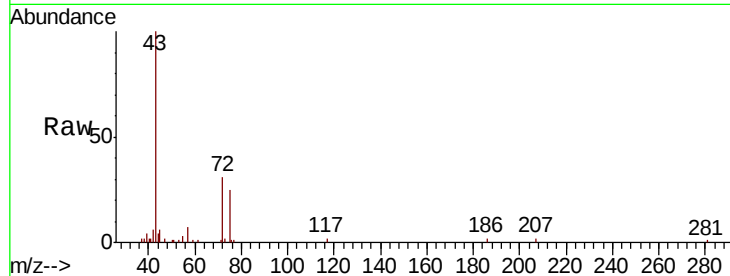




#37
Ethyl Acetate
Concen: 10.794 ug/l
RT: 7.19 min Scan# 867
Delta R.T. -0.07 min
Lab File: VW006507.D
Acq: 30 Oct 2018 17:35

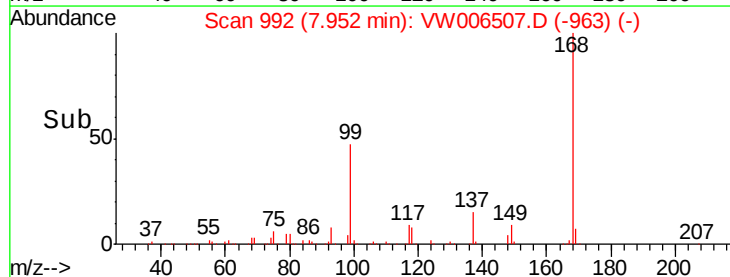
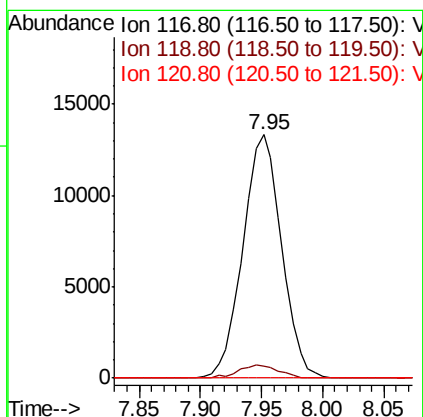
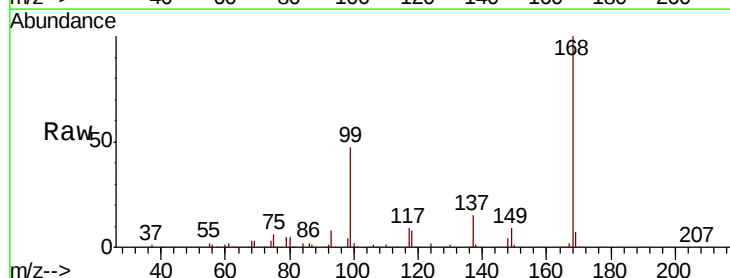
Instrument :
MSVOA_W
ClientSampleId :
SW2-02

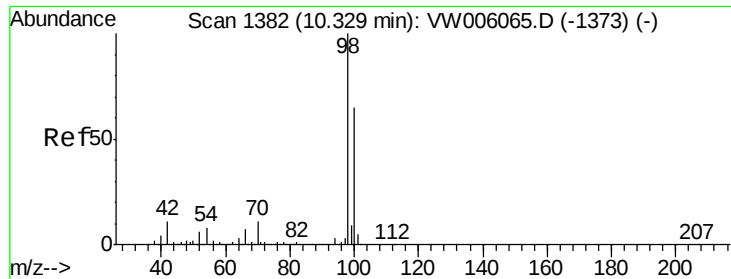
Tot Ion: 43 Resp: 17762
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 9.2 13.8#



#38
Carbon Tetrachloride
Concen: 6.037 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006507.D
Acq: 30 Oct 2018 17:35

Tgt Ion: 117 Resp: 29310
Ion Ratio Lower Upper
117 100
119 4.7 75.2 112.8#
121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 40.061 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006507.D

Acq: 30 Oct 2018 17:35

Instrument :

MSVOA_W

ClientSampled :

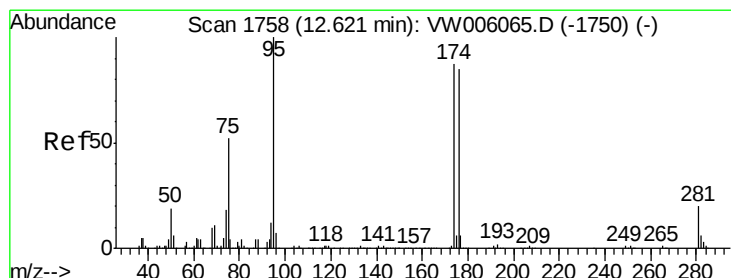
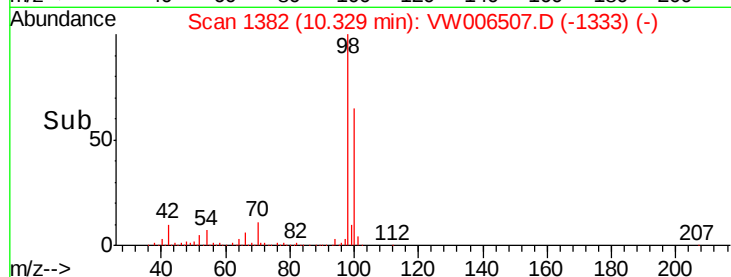
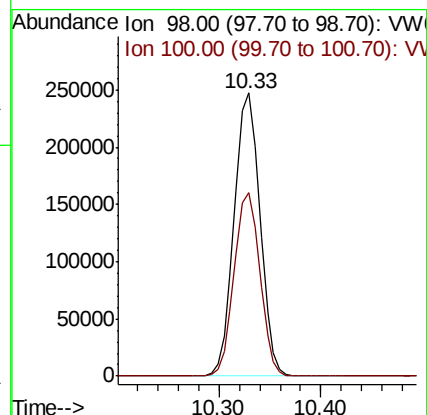
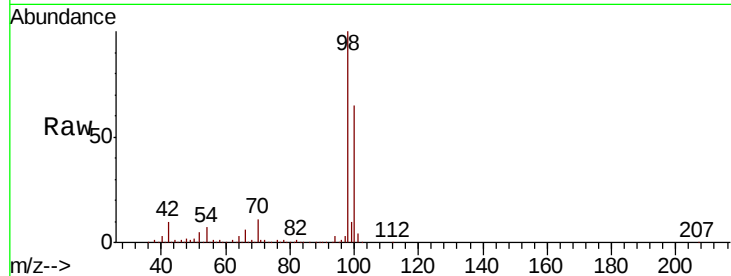
SW2-02

Tot Ion: 98 Resp: 432732

Ion Ratio Lower Upper

98 100

100 64.6 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 37.344 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006507.D

Acq: 30 Oct 2018 17:35

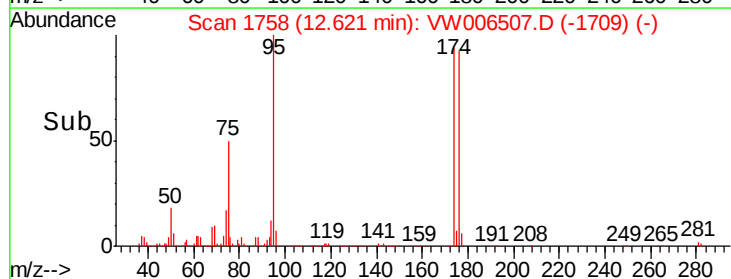
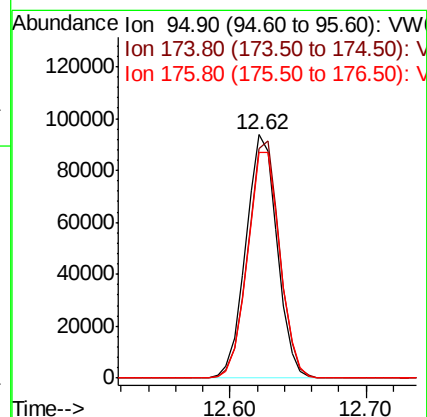
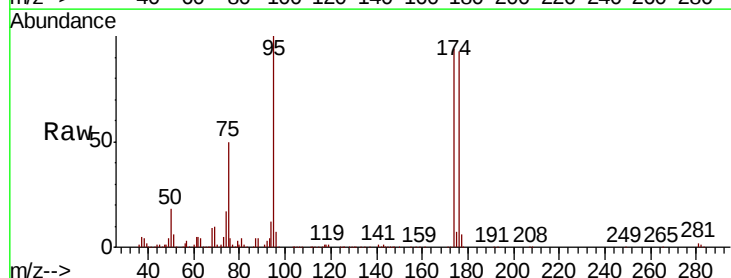
Tgt Ion: 95 Resp: 151509

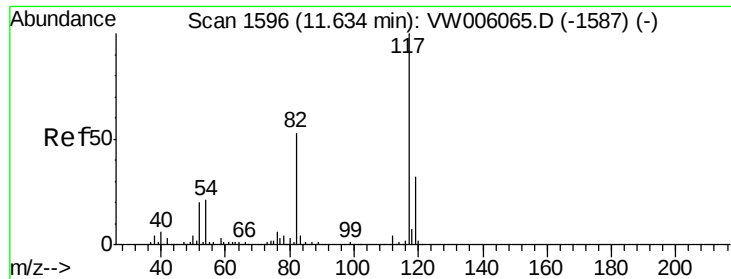
Ion Ratio Lower Upper

95 100

174 98.1 0.0 186.0

176 96.1 0.0 181.6

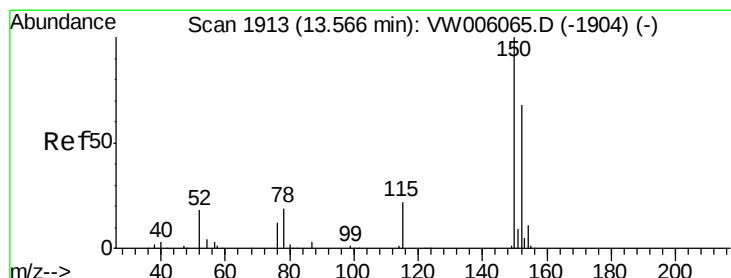
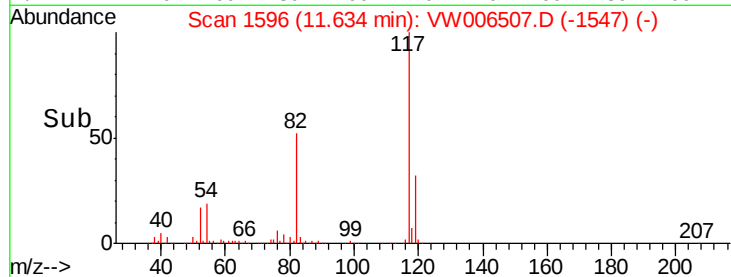
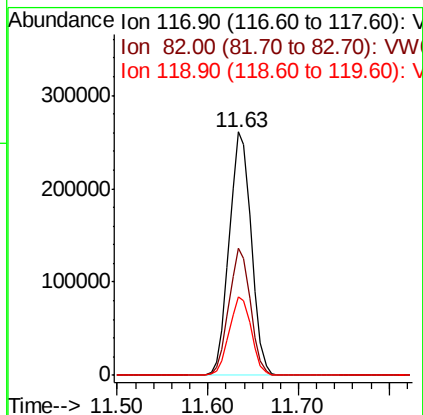
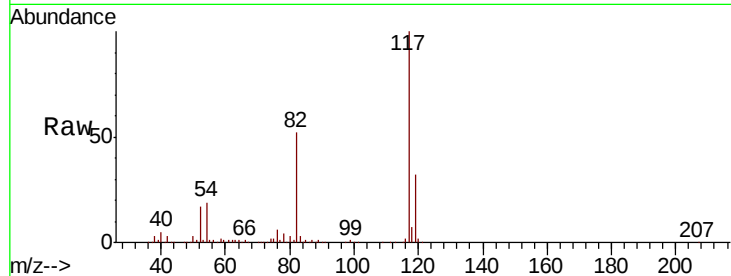




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006507.D
Acq: 30 Oct 2018 17:35

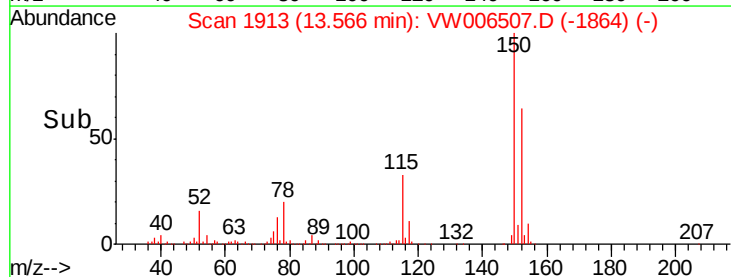
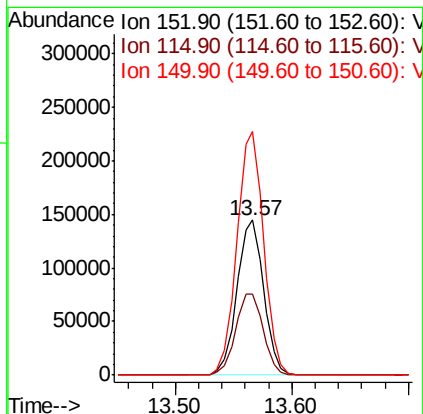
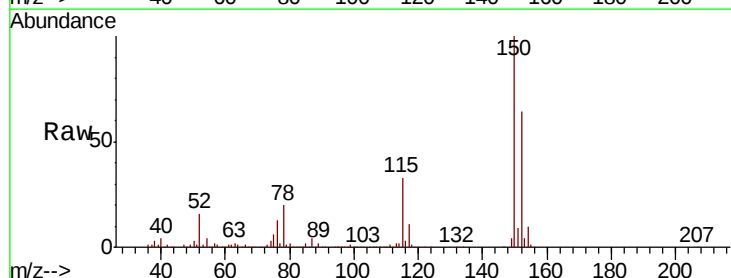
Instrument :
MSVOA_W
ClientSampleId :
SW2-02

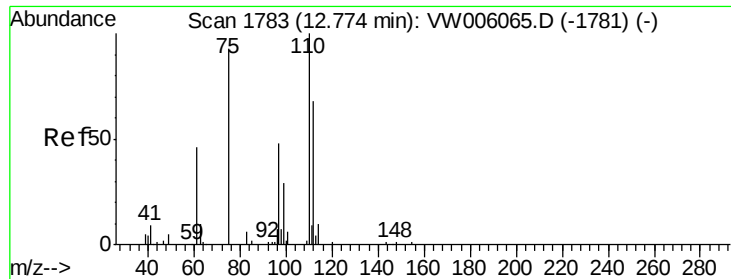
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.1	63.1
119	32.5	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006507.D
Acq: 30 Oct 2018 17:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	27.8	83.3
150	157.5	0.0	349.2

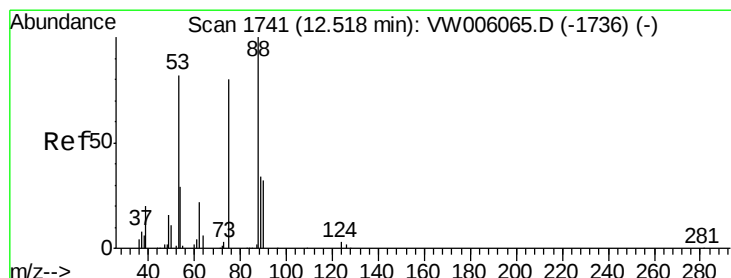
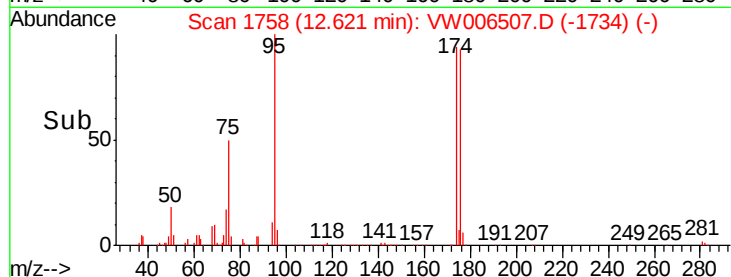
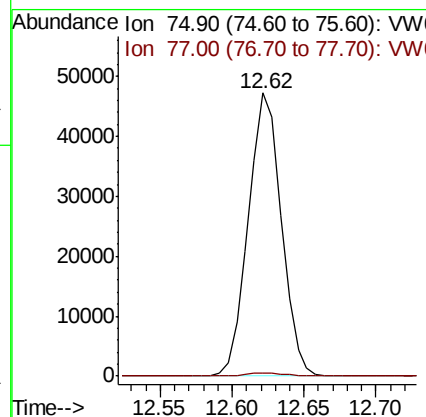
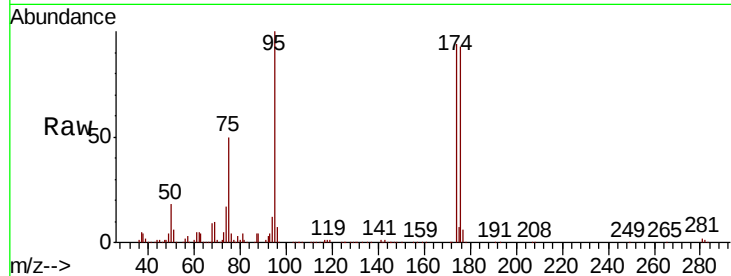




#76
 1,2,3-Trichloropropane
 Concen: 42.665 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006507.D
 Acq: 30 Oct 2018 17:35

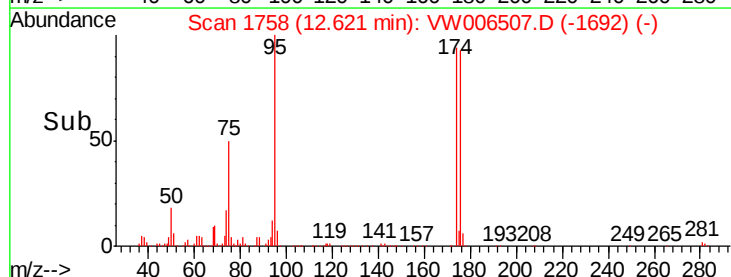
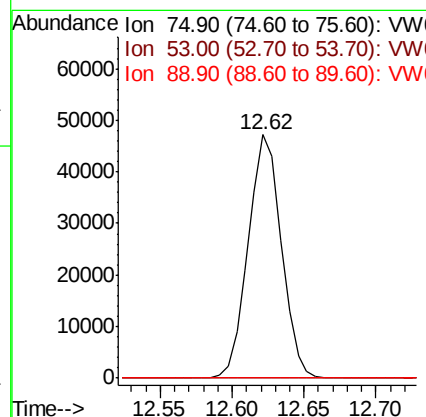
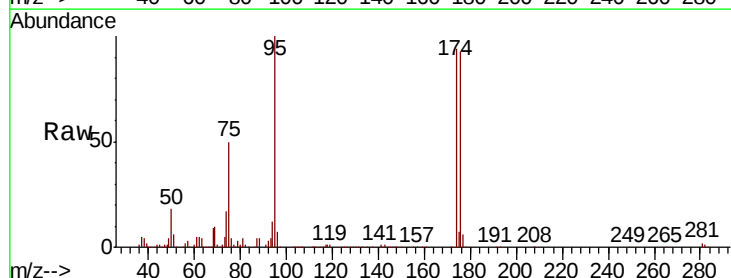
Instrument :
 MSVOA_W
 ClientSampled :
 SW2-02

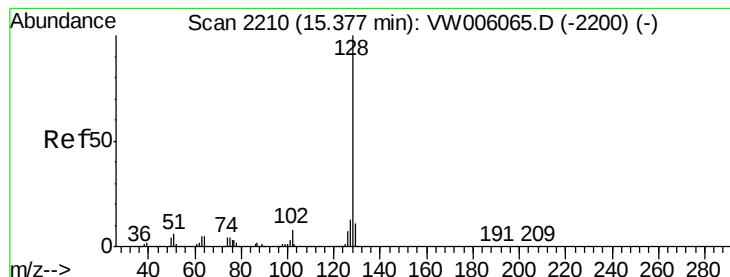
Tot Ion: 75 Resp: 74987
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.987 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW006507.D
 Acq: 30 Oct 2018 17:35

Tgt Ion: 75 Resp: 74987
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.8 119.6#
 89 0.0 37.5 56.3#





#95

Naphthalene

Concen: 2.502 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW006507.D

Acq: 30 Oct 2018 17:35

Instrument :

MSVOA_W

ClientSampleId :

SW2-02

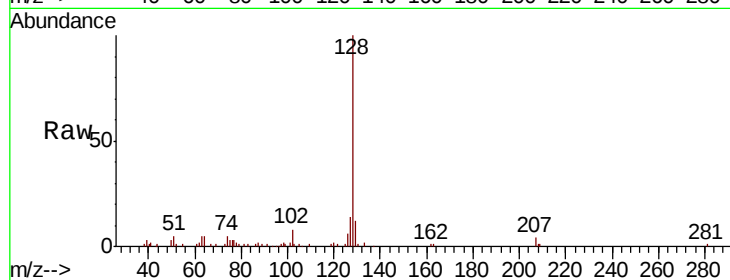
Tot Ion:128 Resp: 22638

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.6 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

