

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102718\
 Data File : VW006382.D
 Acq On : 26 Oct 2018 02:08
 Operator : SY/AP
 Sample : J5610-03RE
 Misc : 4.80G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-2(0-2)

Quant Time: Oct 26 07:23:39 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

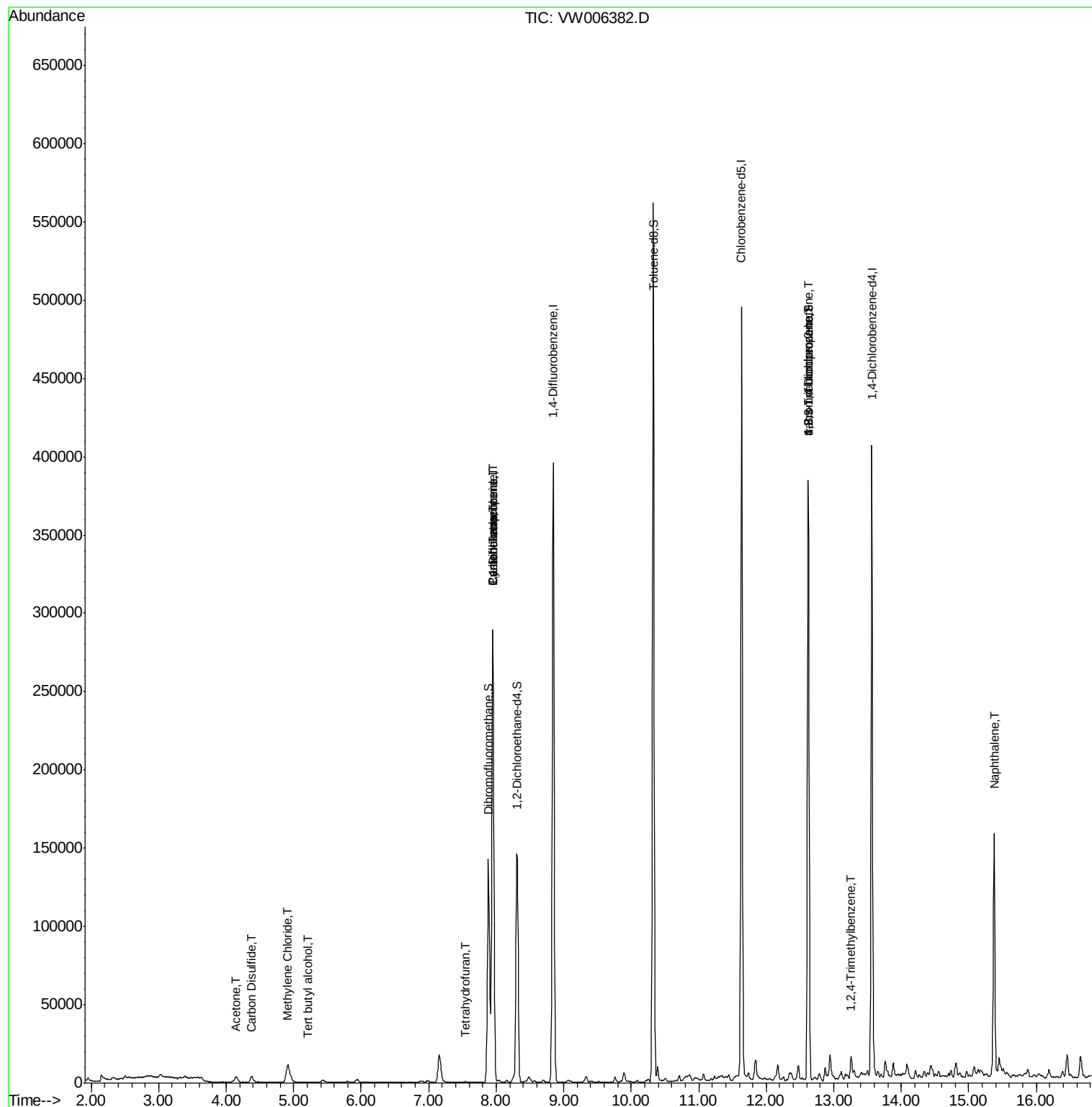
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	236577	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	352487	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	282806	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	113019	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	117435	59.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.74%	
35) Dibromofluoromethane	7.88	113	99226	47.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.28%	
50) Toluene-d8	10.32	98	384295	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.00%	
62) 4-Bromofluorobenzene	12.62	95	114730	38.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.10%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.21	59	172	1.304	ug/l #	71
16) Acetone	4.14	43	8001	7.377	ug/l	98
17) Carbon Disulfide	4.38	76	8899	1.492	ug/l	98
20) Methylene Chloride	4.91	84	9279	2.939	ug/l	90
29) Tetrahydrofuran	7.54	42	453	1.391	ug/l #	67
31) Cyclohexane	7.95	56	4880	1.360	ug/l #	19
36) 1,1-Dichloropropene	7.95	75	14950	4.601	ug/l #	48
38) Carbon Tetrachloride	7.95	117	20762	5.829	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	57228	66.294	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	57228	158.469	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.26	105	8719	1.280	ug/l	95
95) Naphthalene	15.38	128	139403	31.371	ug/l	100

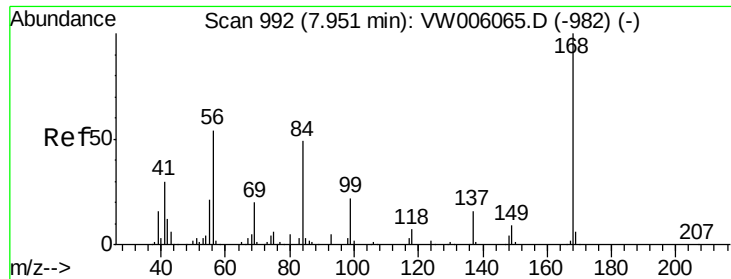
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-2(0-2)

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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: VW006382.D

Acq: 26 Oct 2018 02:08

Instrument :

MSVOA_W

ClientSampleId :

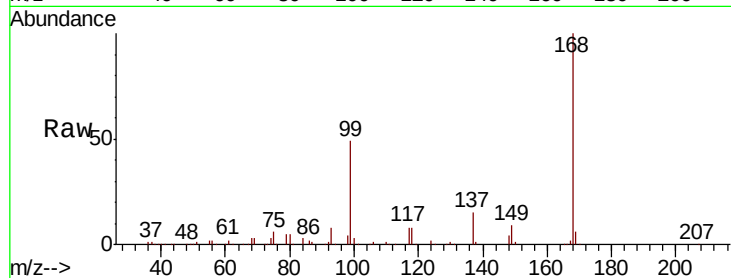
SB-2(0-2)

Tot Ion:168 Resp: 236577

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

7.95

120000

100000

80000

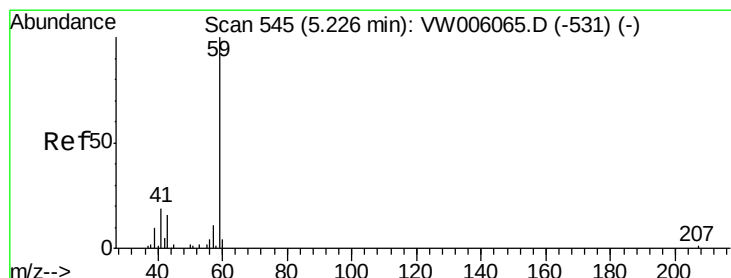
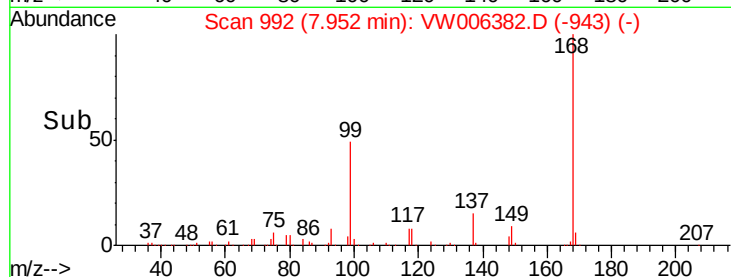
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.304 ug/l

RT: 5.21 min Scan# 542

Delta R.T. -0.02 min

Lab File: VW006382.D

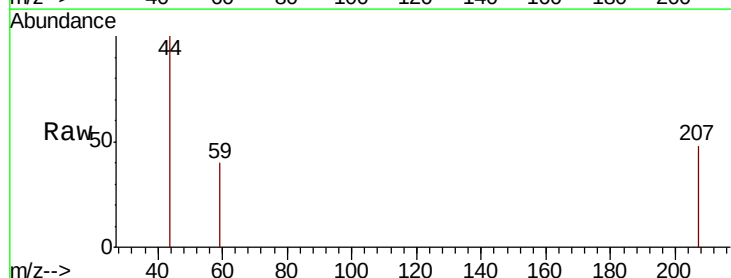
Acq: 26 Oct 2018 02:08

Tgt Ion: 59 Resp: 172

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

5.21

100

80

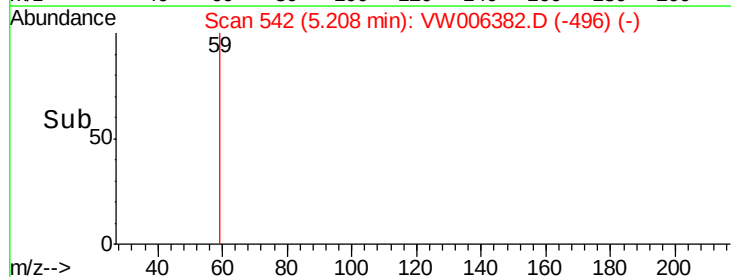
60

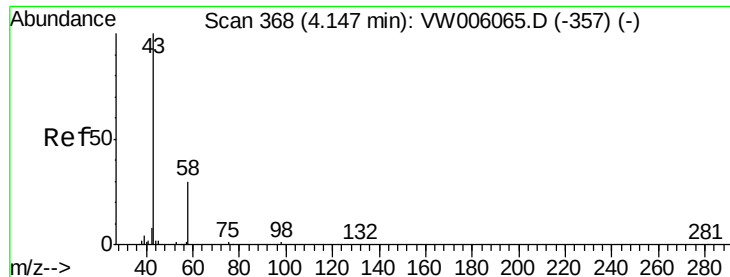
40

20

0

Time-->





#16

Acetone

Concen: 7.377 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006382.D

Acq: 26 Oct 2018 02:08

Instrument :

MSVOA_W

ClientSampled :

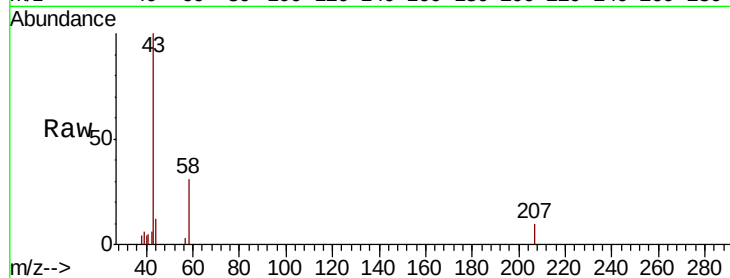
SB-2(0-2)

Tot Ion: 43 Resp: 8001

Ion Ratio Lower Upper

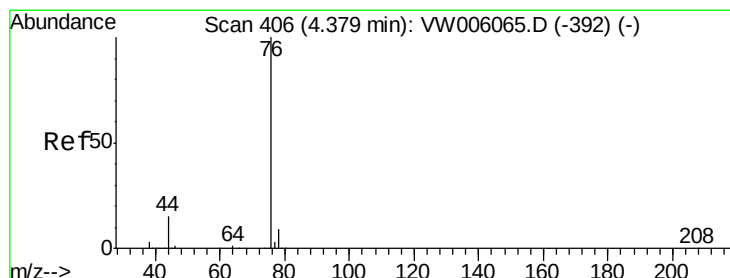
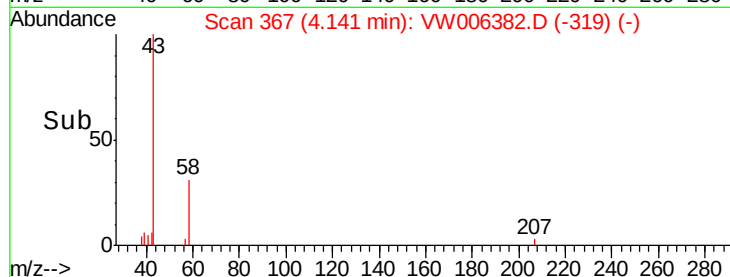
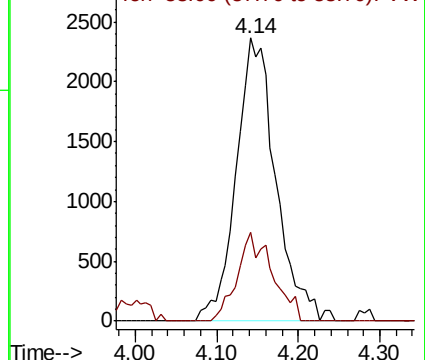
43 100

58 31.2 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#17

Carbon Disulfide

Concen: 1.492 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW006382.D

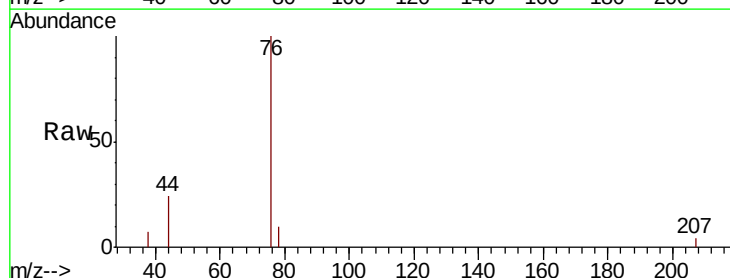
Acq: 26 Oct 2018 02:08

Tgt Ion: 76 Resp: 8899

Ion Ratio Lower Upper

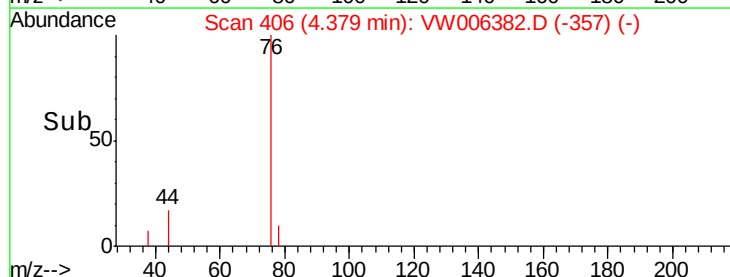
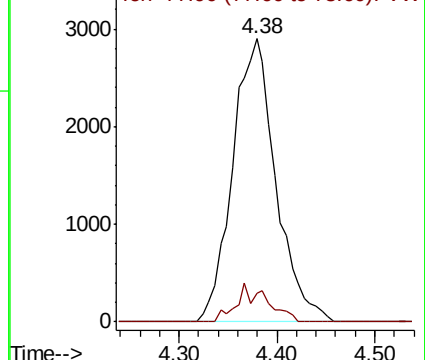
76 100

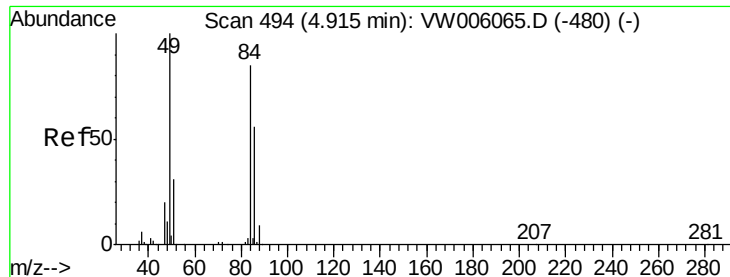
78 10.2 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

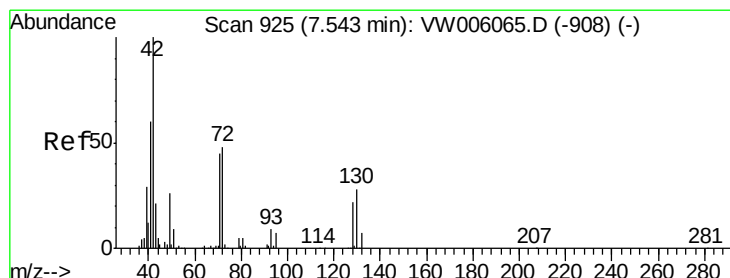
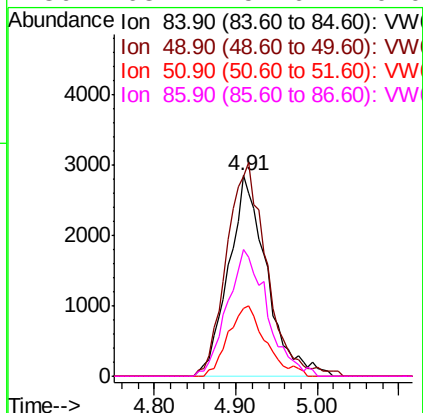
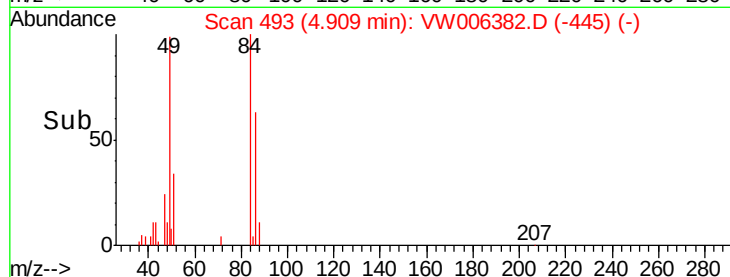
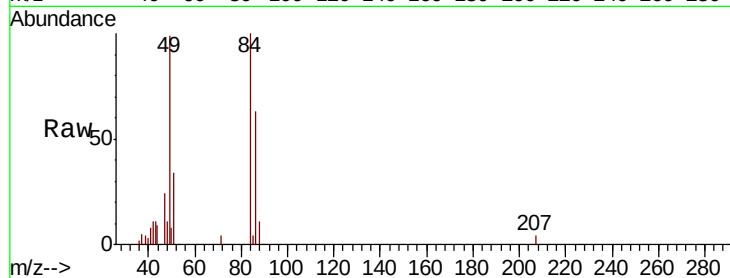




#20
Methylene Chloride
Concen: 2.939 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006382.D
Acq: 26 Oct 2018 02:08

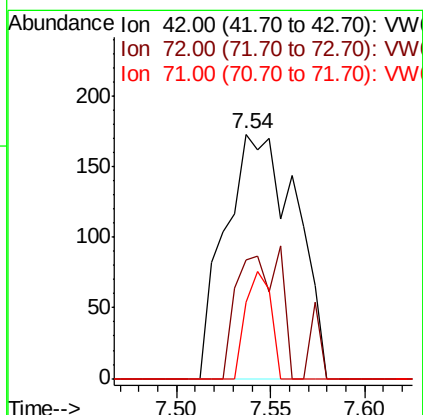
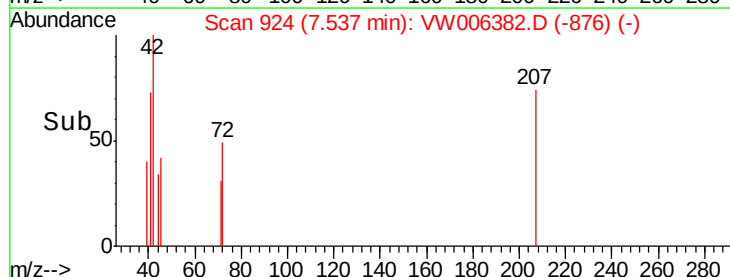
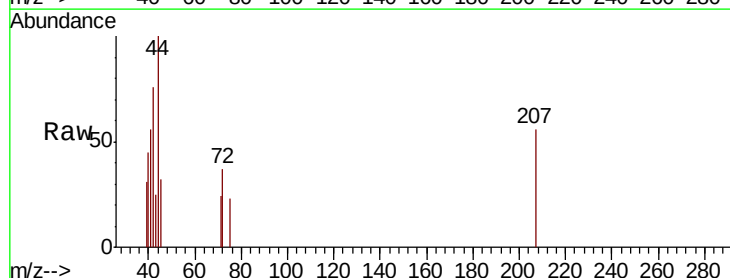
Instrument :
MSVOA_W
ClientSampleId :
SB-2(0-2)

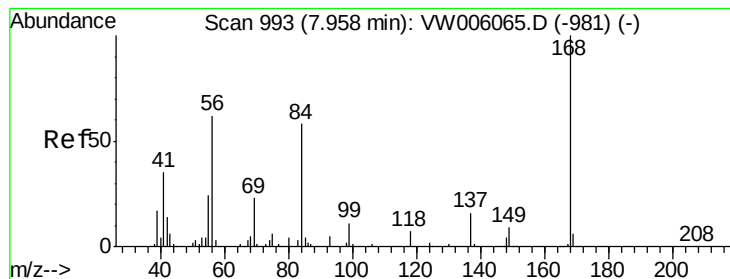
Tot Ion:	84	Resp:	9279
Ion	Ratio	Lower	Upper
84	100		
49	99.1	93.6	140.4
51	33.9	29.0	43.4
86	63.1	52.6	79.0



#29
Tetrahydrofuran
Concen: 1.391 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006382.D
Acq: 26 Oct 2018 02:08

Tgt Ion:	42	Resp:	453
Ion	Ratio	Lower	Upper
42	100		
72	31.6	38.0	57.0#
71	15.7	35.3	52.9#





#31

Cyclohexane

Concen: 1.360 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006382.D

Acq: 26 Oct 2018 02:08

Instrument :

MSVOA_W

ClientSampled :

SB-2(0-2)

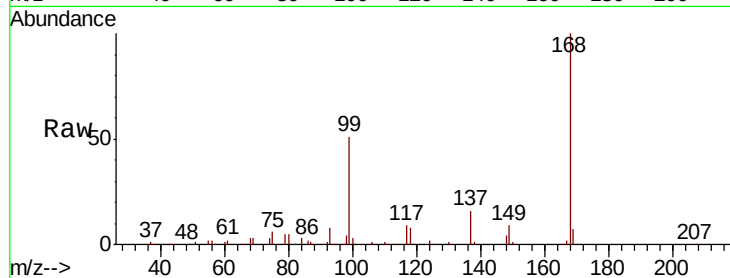
Tot Ion: 56 Resp: 4880

Ion Ratio Lower Upper

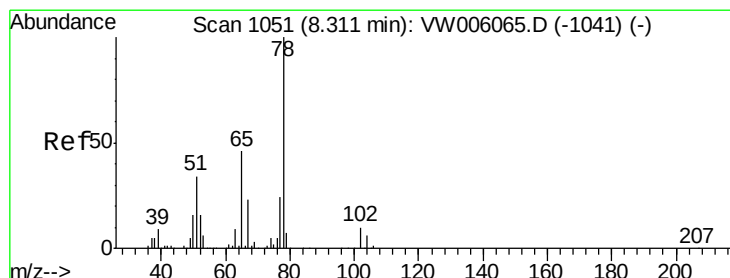
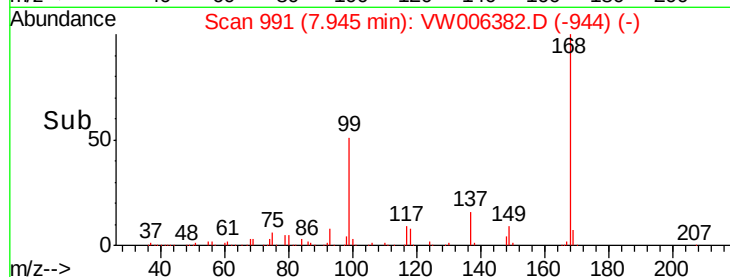
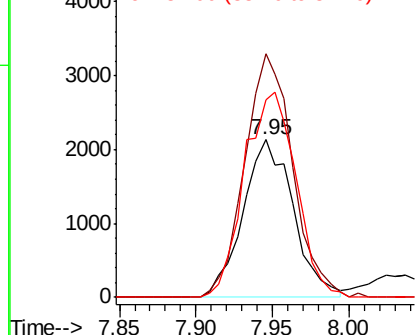
56 100

69 154.4 29.4 44.0#

84 124.9 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: 59.874 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006382.D

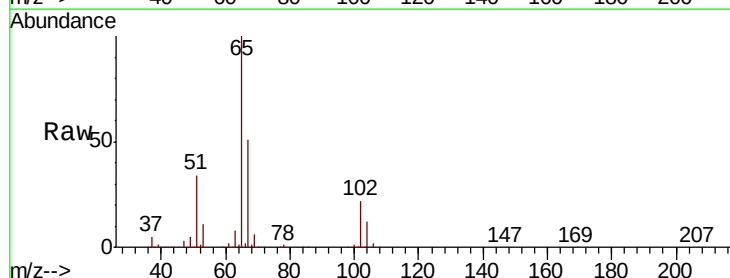
Acq: 26 Oct 2018 02:08

Tgt Ion: 65 Resp: 117435

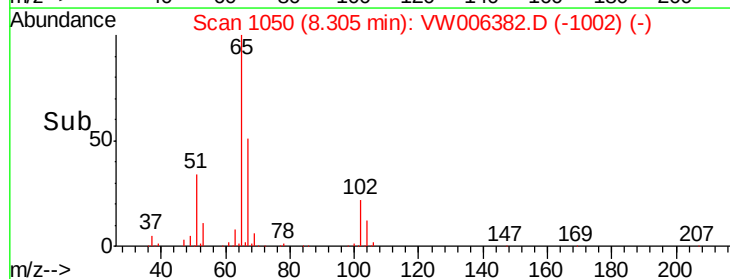
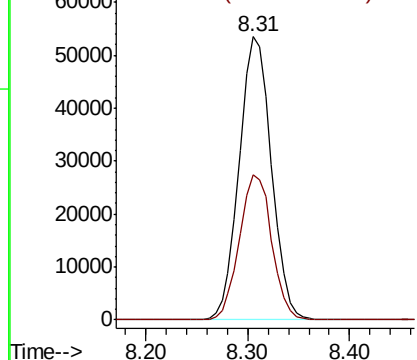
Ion Ratio Lower Upper

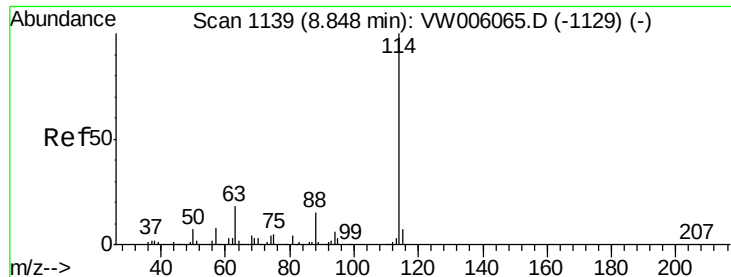
65 100

67 51.5 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: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW006382.D

Acq: 26 Oct 2018 02:08

Instrument :

MSVOA_W

ClientSampleId :

SB-2(0-2)

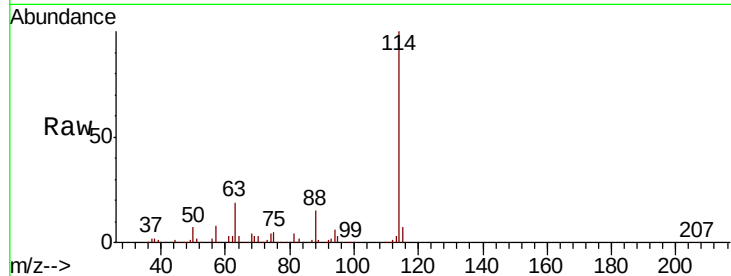
Tot Ion:114 Resp: 352487

Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.8

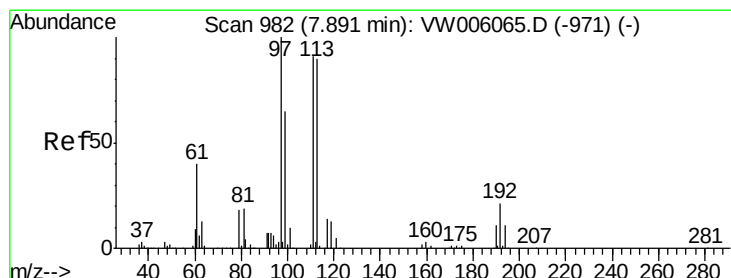
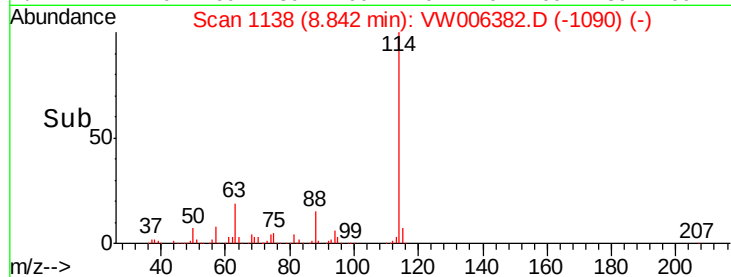
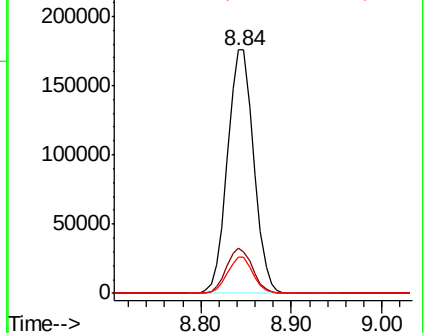
88 14.7 0.0 29.0



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: 47.640 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006382.D

Acq: 26 Oct 2018 02:08

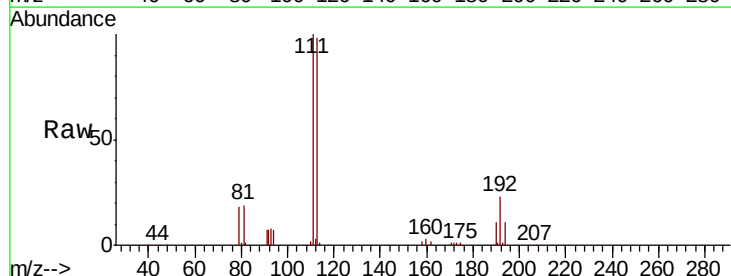
Tgt Ion:113 Resp: 99226

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

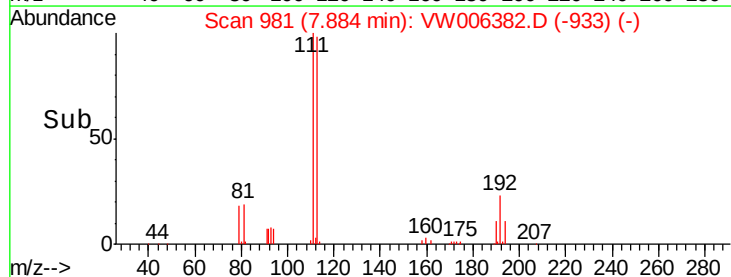
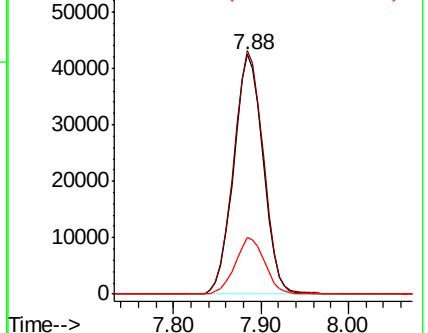
192 23.5 18.7 28.1

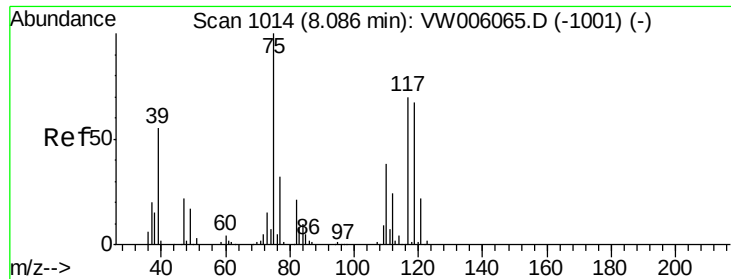


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

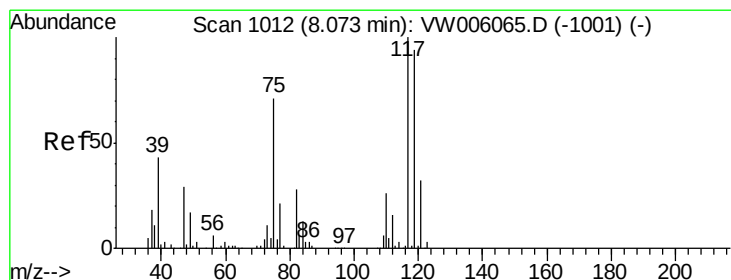
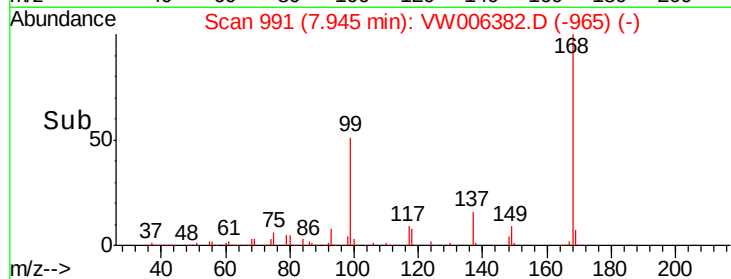
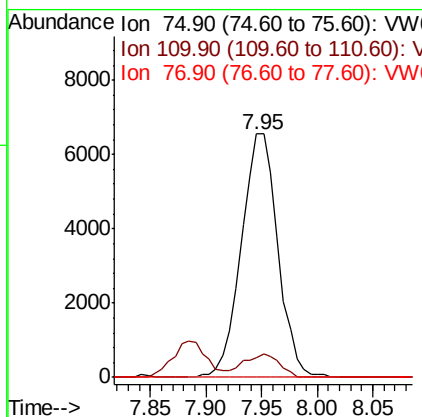
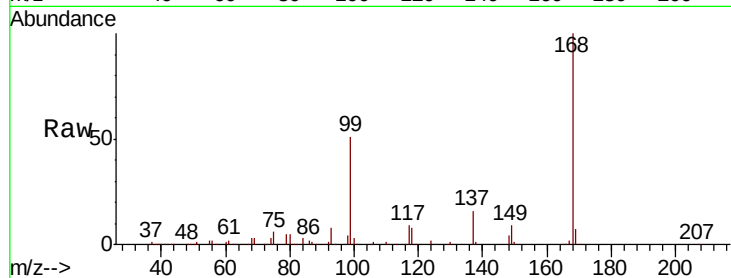




#36
 1,1-Dichloropropene
 Concen: 4.601 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006382.D
 Acq: 26 Oct 2018 02:08

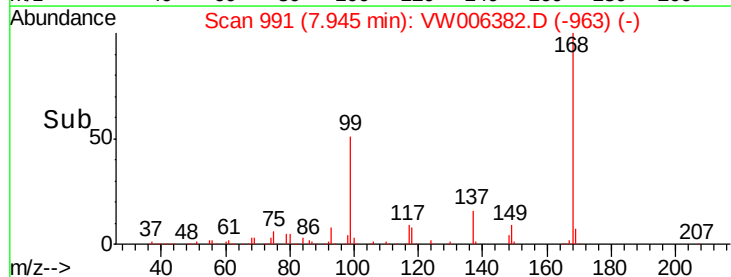
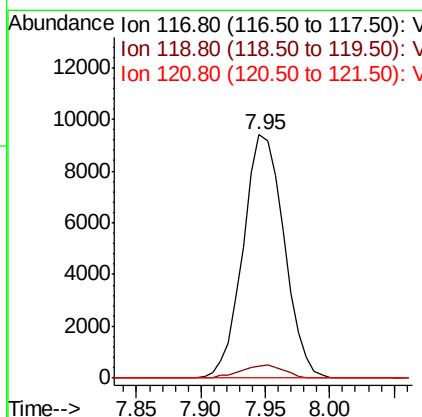
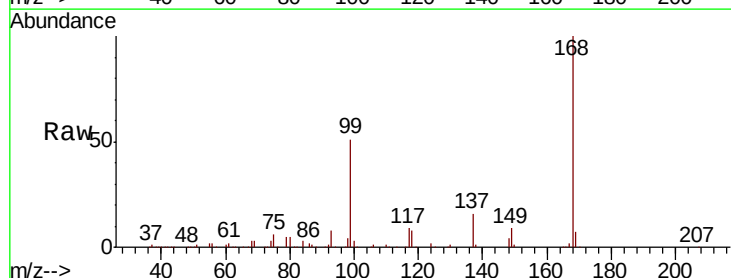
Instrument :
 MSVOA_W
 ClientSampled :
 SB-2(0-2)

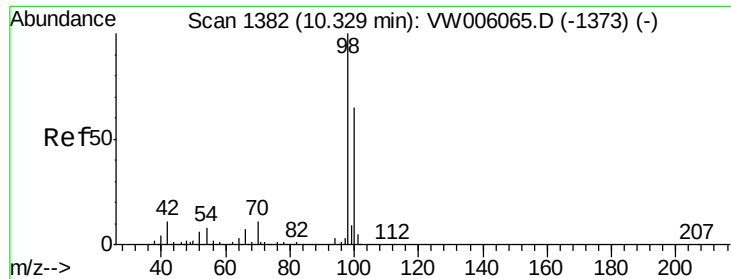
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.2	19.1	57.1#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 5.829 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW006382.D
 Acq: 26 Oct 2018 02:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	75.2	112.8#
121	0.0	25.3	37.9#

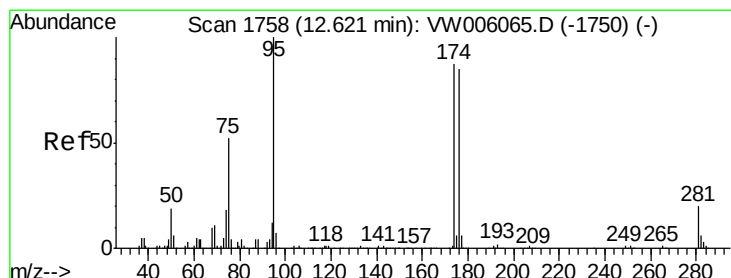
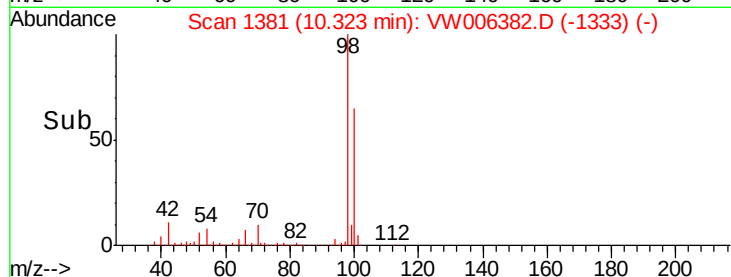
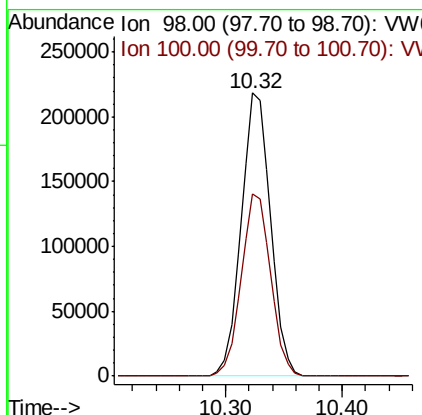
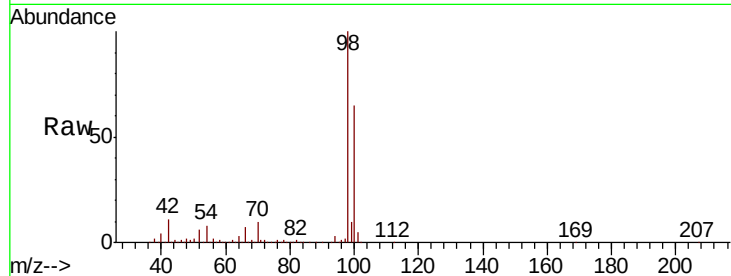




#50
Toluene-d8
Concen: 48.497 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006382.D
Acq: 26 Oct 2018 02:08

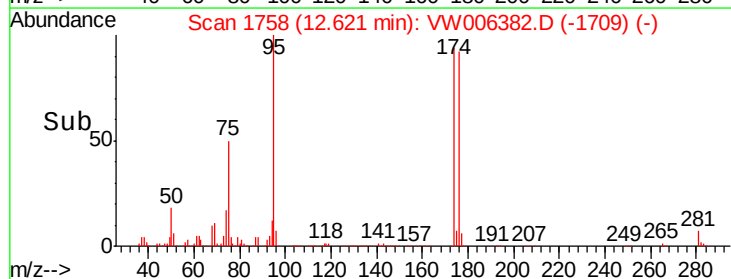
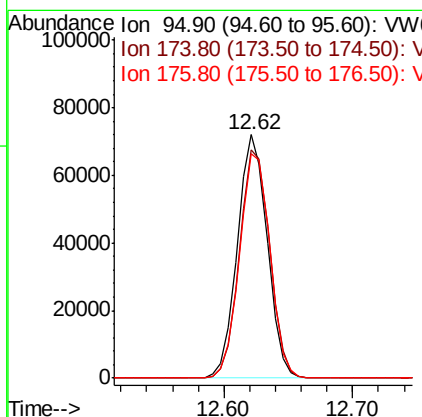
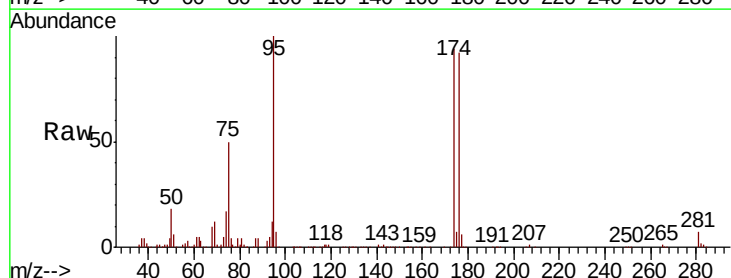
Instrument :
MSVOA_W
ClientSampleId :
SB-2(0-2)

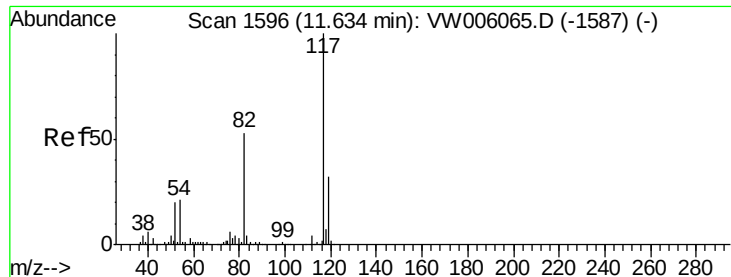
Tot Ion: 98 Resp: 384295
Ion Ratio Lower Upper
98 100
100 64.4 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 38.549 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006382.D
Acq: 26 Oct 2018 02:08

Tgt Ion: 95 Resp: 114730
Ion Ratio Lower Upper
95 100
174 95.5 0.0 186.0
176 94.3 0.0 181.6

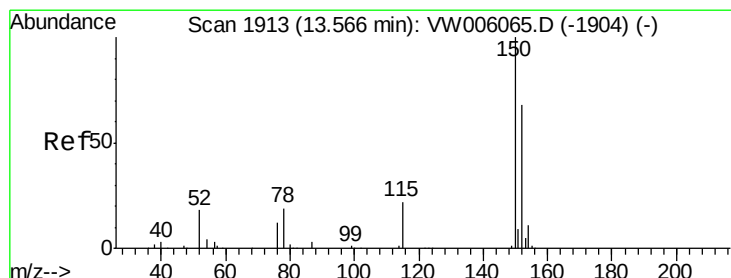
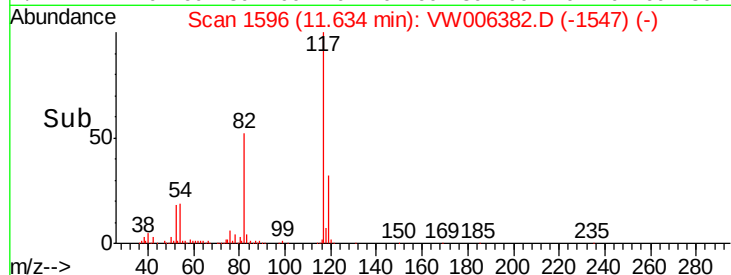
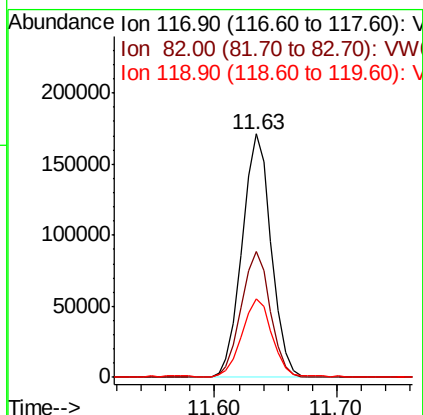
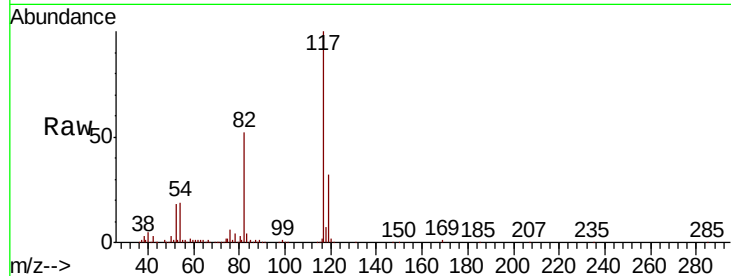




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006382.D
Acq: 26 Oct 2018 02:08

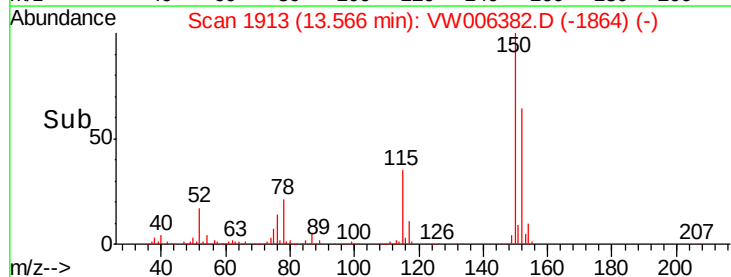
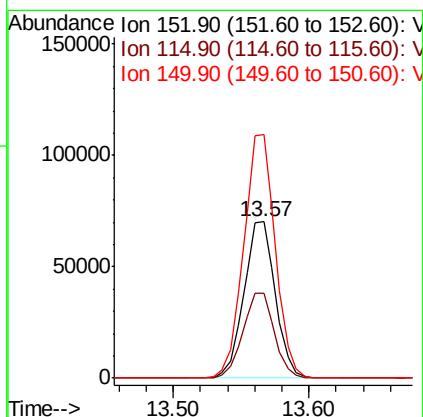
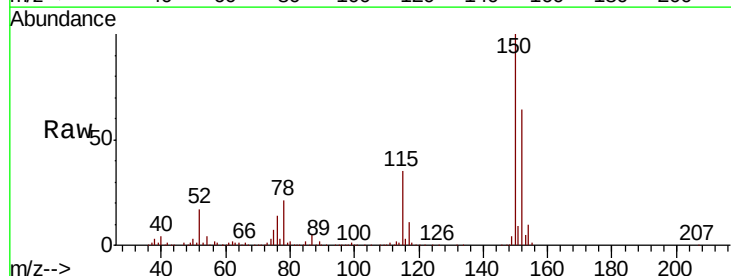
Instrument :
MSVOA_W
ClientSampled :
SB-2(0-2)

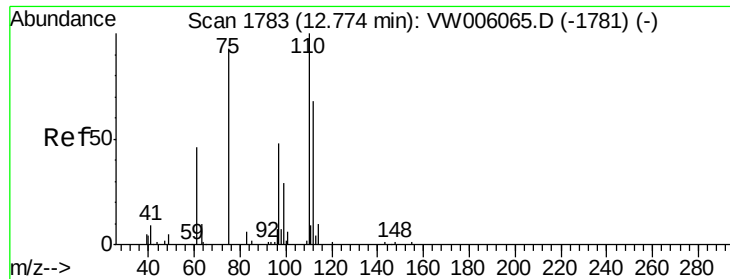
Tot Ion:117 Resp: 282806
Ion Ratio Lower Upper
117 100
82 51.6 42.1 63.1
119 31.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006382.D
Acq: 26 Oct 2018 02:08

Tgt Ion:152 Resp: 113019
Ion Ratio Lower Upper
152 100
115 54.6 27.8 83.3
150 156.7 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 66.294 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006382.D

Acq: 26 Oct 2018 02:08

Instrument :

MSVOA_W

ClientSampled :

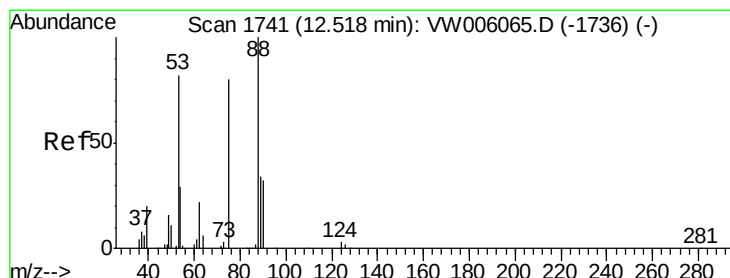
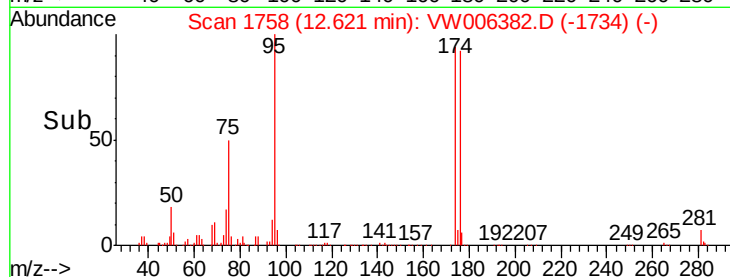
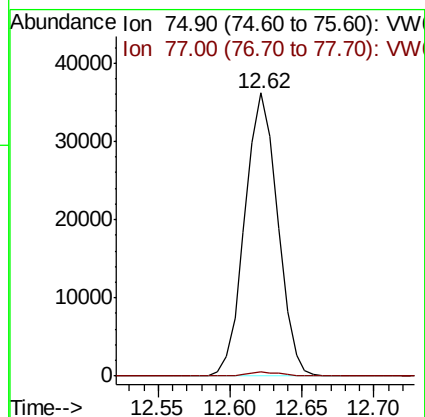
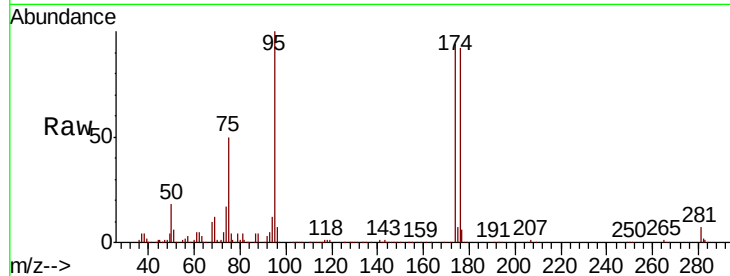
SB-2(0-2)

Tot Ion: 75 Resp: 57228

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 158.469 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006382.D

Acq: 26 Oct 2018 02:08

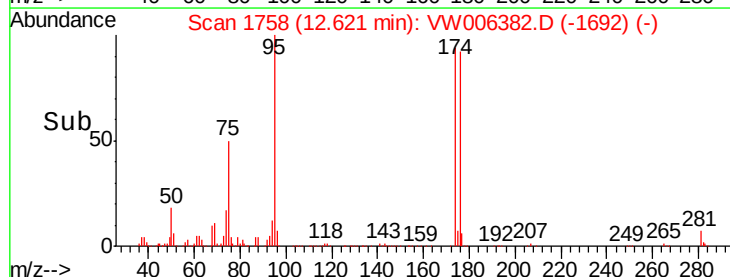
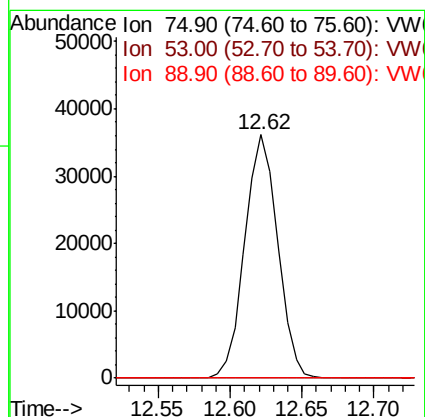
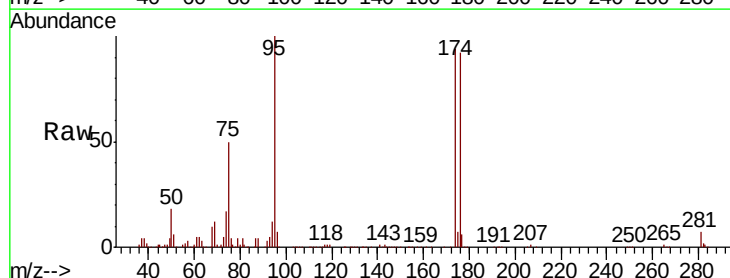
Tgt Ion: 75 Resp: 57228

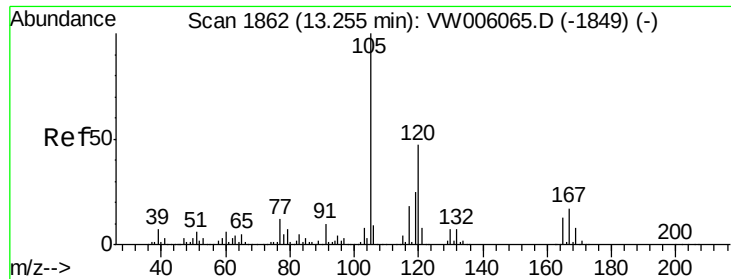
Ion Ratio Lower Upper

75 100

53 0.1 79.8 119.6#

89 0.0 37.5 56.3#

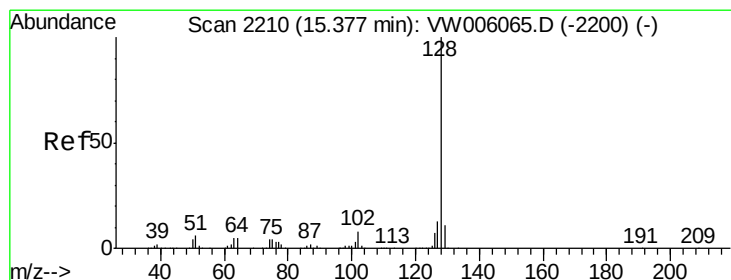
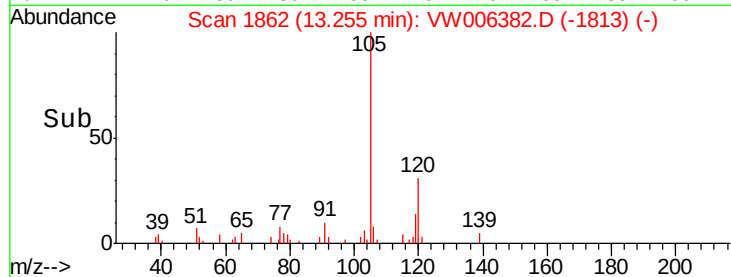
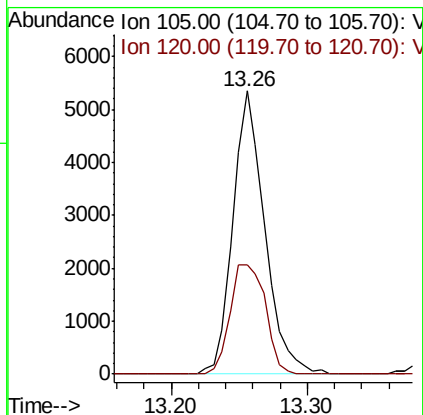
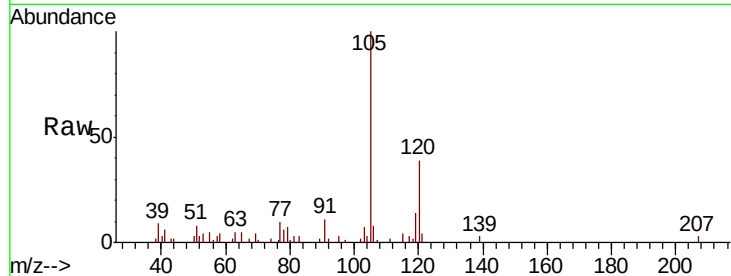




#84
 1,2,4-Trimethylbenzene
 Concen: 1.280 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006382.D
 Acq: 26 Oct 2018 02:08

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-2(0-2)

Tot Ion:105 Resp: 8719
 Ion Ratio Lower Upper
 105 100
 120 42.7 23.1 69.3



#95
 Naphthalene
 Concen: 31.371 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. 0.00 min
 Lab File: VW006382.D
 Acq: 26 Oct 2018 02:08

Tgt Ion:128 Resp: 139403
 Ion Ratio Lower Upper
 128 100
 127 12.8 10.3 15.5
 129 11.1 8.7 13.1

