

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101718\
 Data File : VW006148.D
 Acq On : 18 Oct 2018 02:47
 Operator : VA/AP
 Sample : J5527-01
 Misc : 5.01G/5ML/MSVOA_W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-STONE

Quant Time: Oct 18 10:48:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	286492	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	424366	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	387230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	202871	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	109149	45.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.90%	
35) Dibromofluoromethane	7.88	113	107489	42.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.74%	
50) Toluene-d8	10.33	98	390077	40.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.78%	
62) 4-Bromofluorobenzene	12.62	95	148885	41.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.10%	

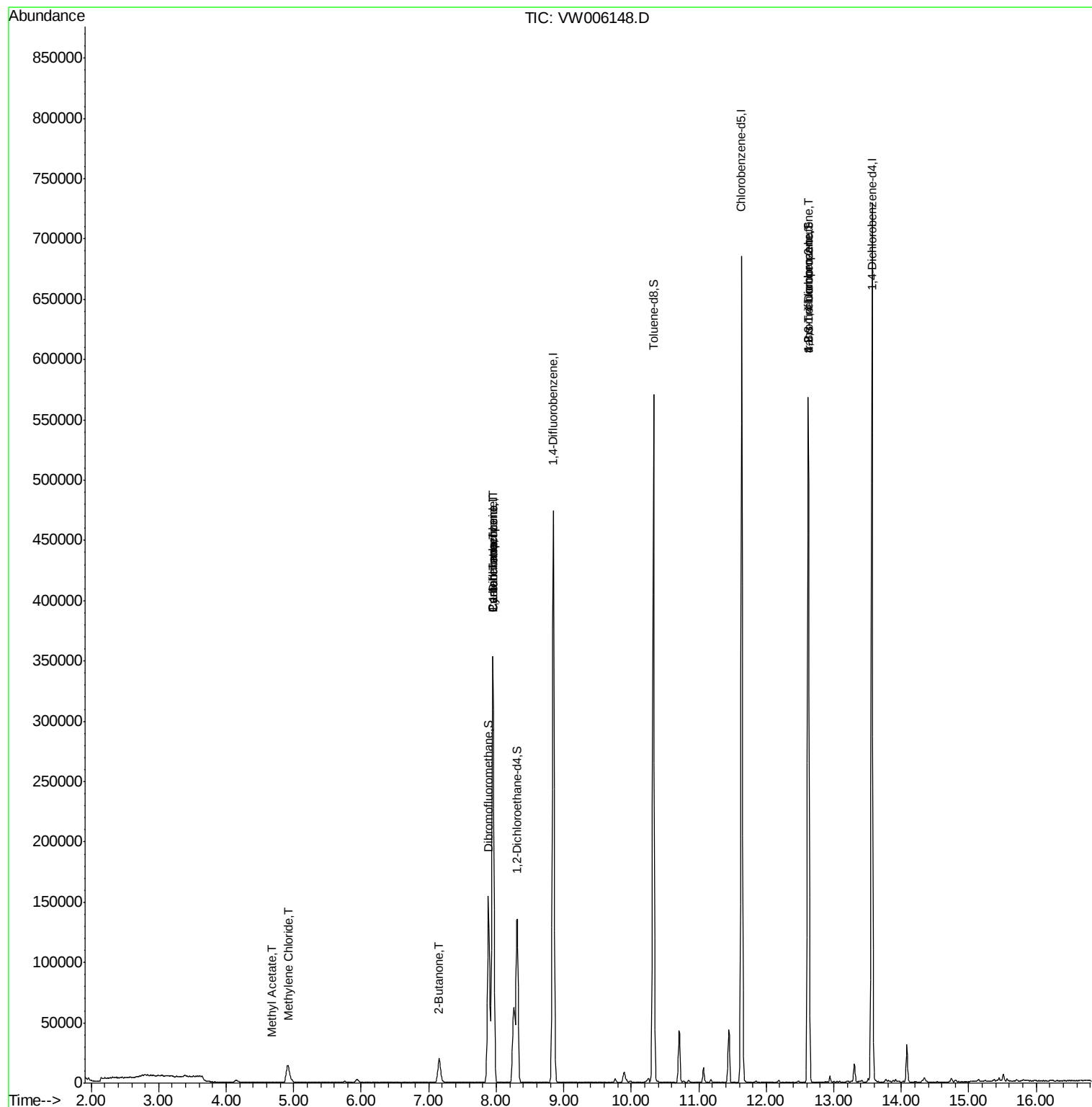
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	3477	Below Cal		99
18) Methyl Acetate	4.68	43	1217	1.02	ug/l #	67
20) Methylene Chloride	4.92	84	12497	3.46	ug/l	97
25) 2-Butanone	7.16	43	1339	2.09	ug/l #	46
31) Cyclohexane	7.95	56	5294	1.22	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	18935	4.84	ug/l #	48
38) Carbon Tetrachloride	7.95	117	25653	5.98	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	75675	48.84	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	75675	116.74	ug/l #	10

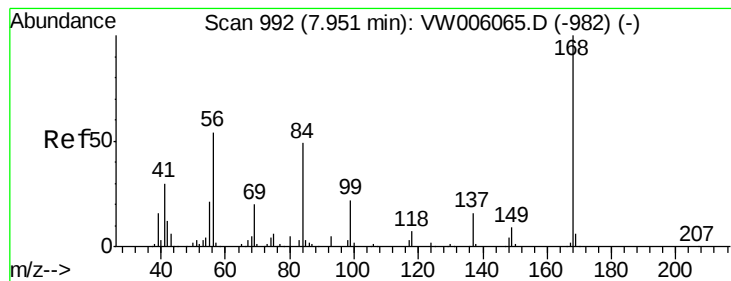
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101718\
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Quant Time: Oct 18 10:48:52 2018
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Quant Title : SW846 8260
QLast Update : Tue Oct 16 05:36:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006148.D

Acq: 18 Oct 2018 02:47

Instrument :

MSVOA_W

ClientSampled :

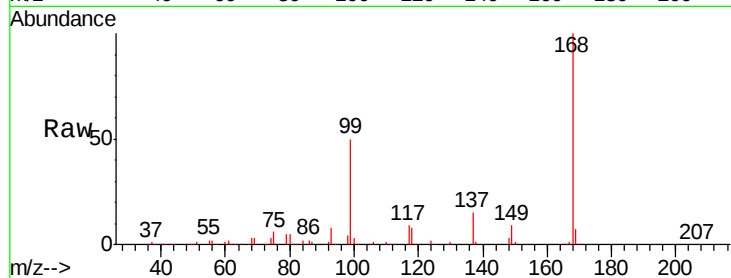
SP-STONE

Tgt Ion:168 Resp: 286492

Ion Ratio Lower Upper

168 100

99 50.4 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

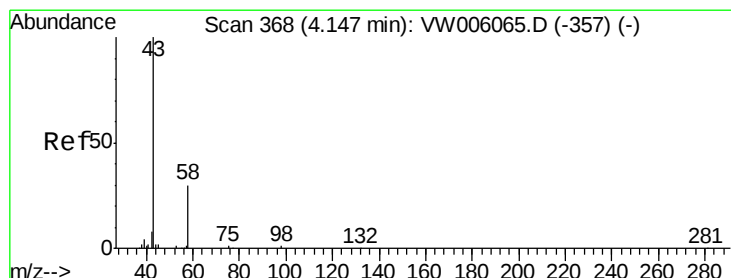
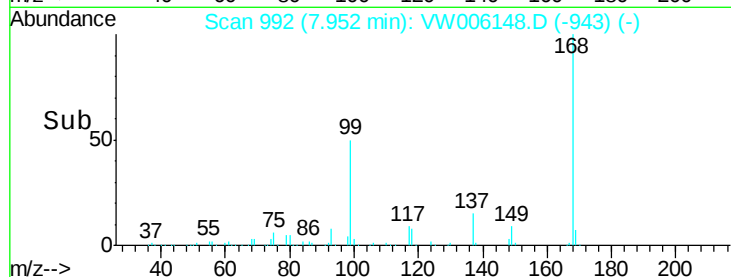
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: Below Cal

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006148.D

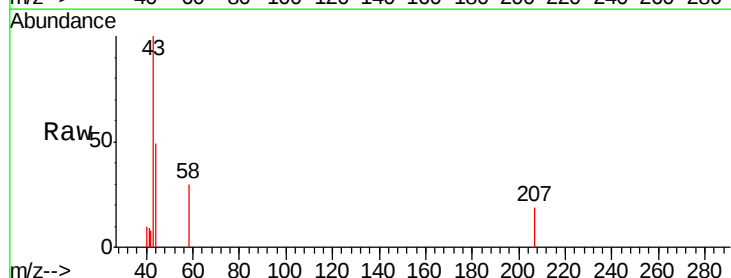
Acq: 18 Oct 2018 02:47

Tgt Ion: 43 Resp: 3477

Ion Ratio Lower Upper

43 100

58 30.5 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

1200

1000

800

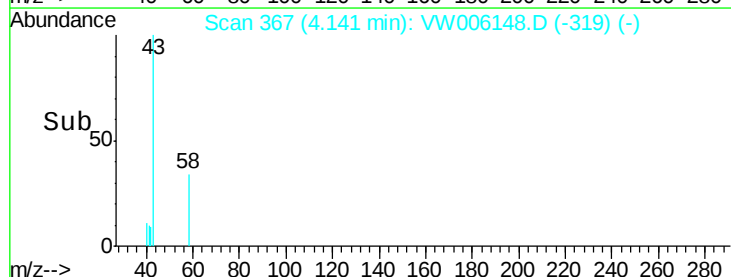
600

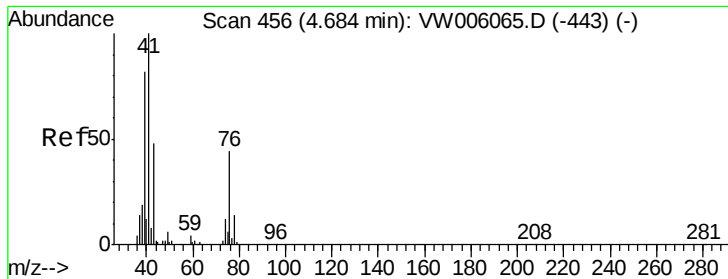
400

200

0

Time--> 4.00 4.10 4.20

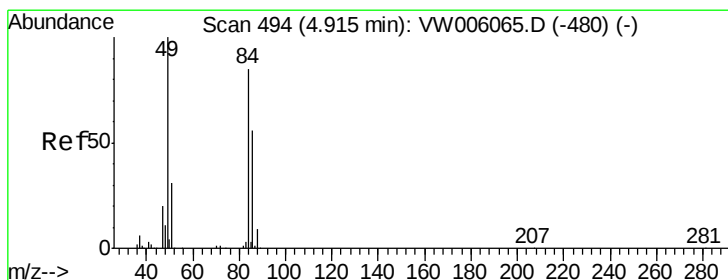
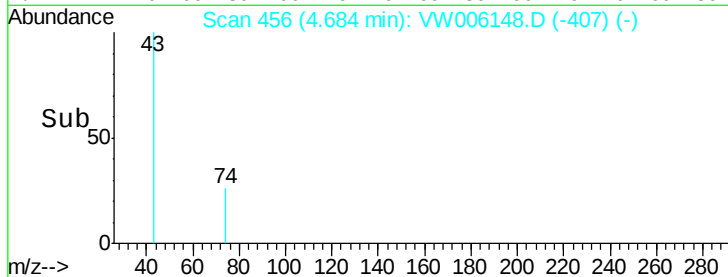
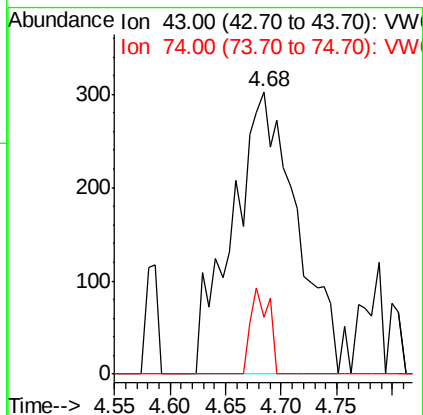
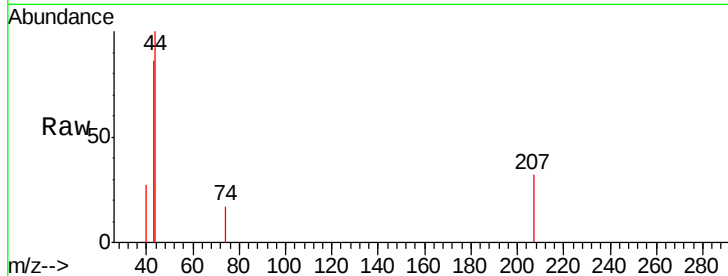




#18
Methyl Acetate
Concen: 1.02 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.00 min
Lab File: VW006148.D
Acq: 18 Oct 2018 02:47

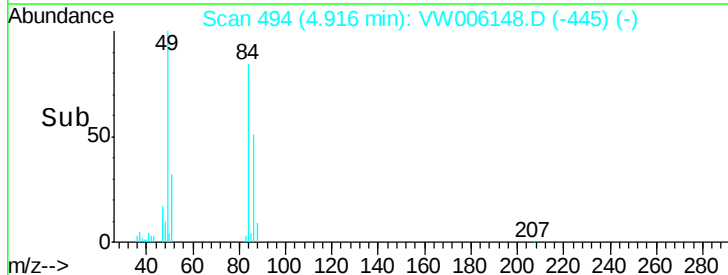
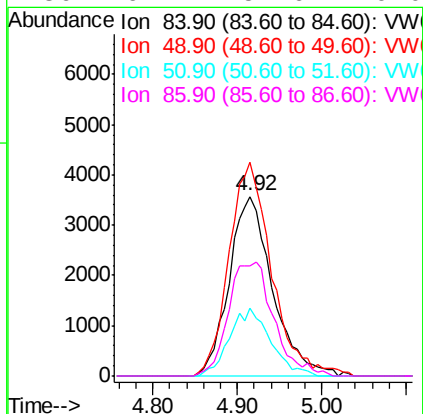
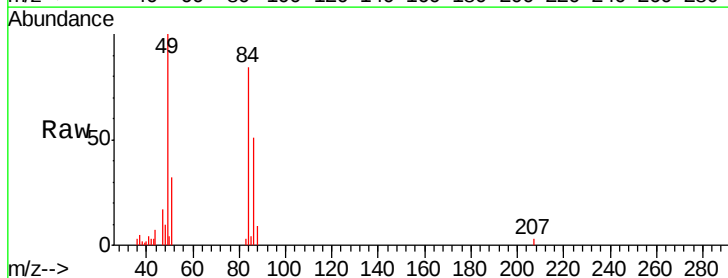
Instrument :
MSVOA_W
ClientSampleId :
SP-STONE

Tgt Ion: 43 Resp: 1217
Ion Ratio Lower Upper
43 100
74 8.7 20.5 30.7#



#20
Methylene Chloride
Concen: 3.46 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006148.D
Acq: 18 Oct 2018 02:47

Tgt Ion: 84 Resp: 12497
Ion Ratio Lower Upper
84 100
49 119.2 93.6 140.4
51 37.9 29.0 43.4
86 61.2 52.6 79.0





#25

2-Butanone

Concen: 2.09 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.02 min

Lab File: VW006148.D

Acq: 18 Oct 2018 02:47

Instrument :

MSVOA_W

ClientSampleId :

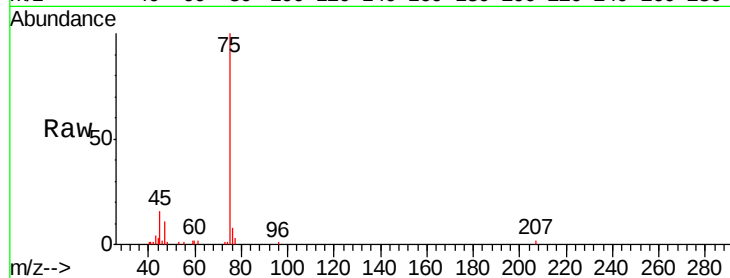
SP-STONE

Tgt Ion: 43 Resp: 1339

Ion Ratio Lower Upper

43 100

72 0.0 22.8 34.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.16

400

300

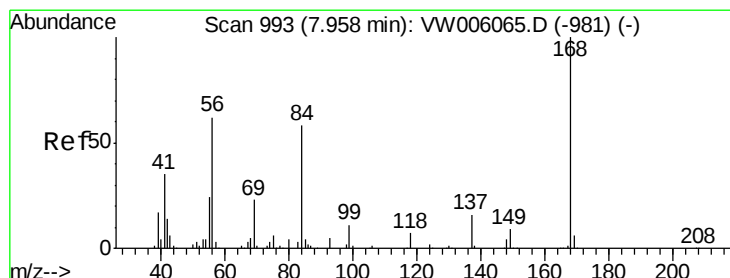
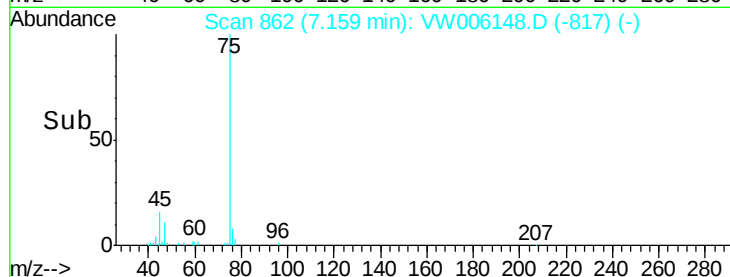
200

100

0

7.05 7.10 7.15 7.20 7.25

Time-->



#31

Cyclohexane

Concen: 1.22 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006148.D

Acq: 18 Oct 2018 02:47

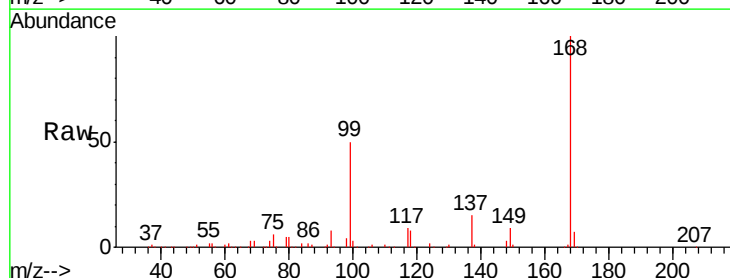
Tgt Ion: 56 Resp: 5294

Ion Ratio Lower Upper

56 100

69 171.7 29.4 44.0#

84 138.5 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

5000

4000

3000

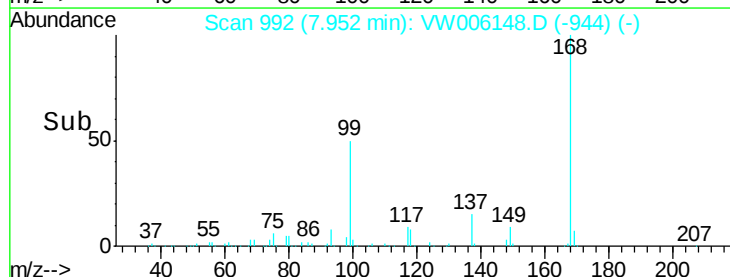
2000

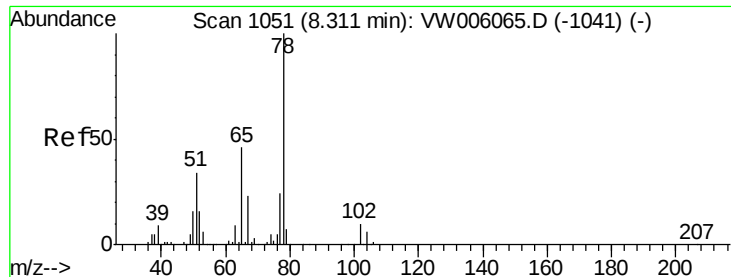
1000

0

7.85 7.90 7.95 8.00

Time-->

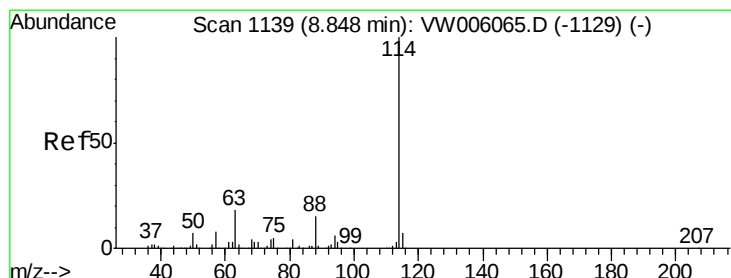
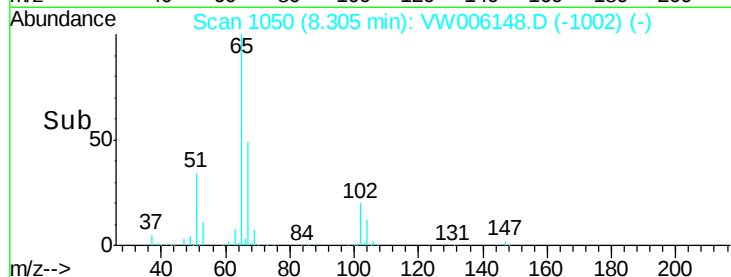
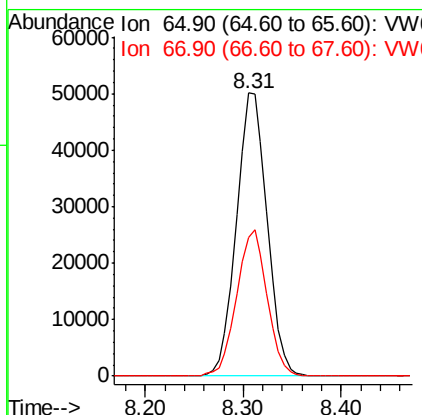
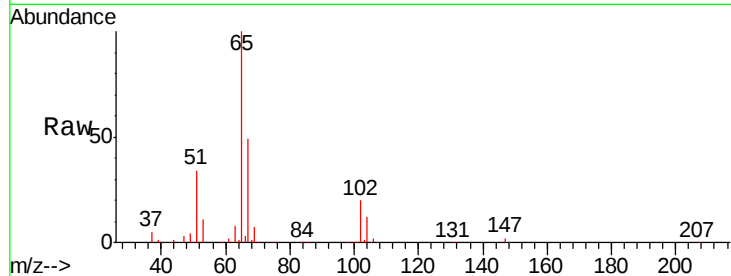




#33
 1,2-Dichloroethane-d4
 Concen: 45.95 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006148.D
 Acq: 18 Oct 2018 02:47

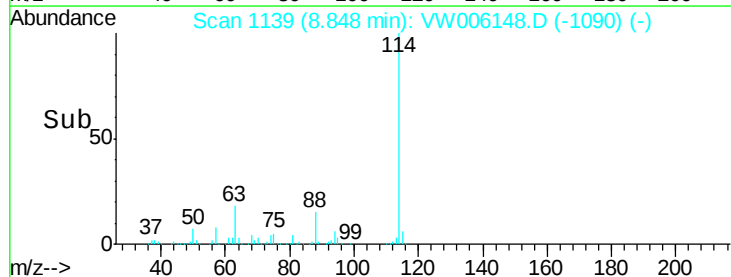
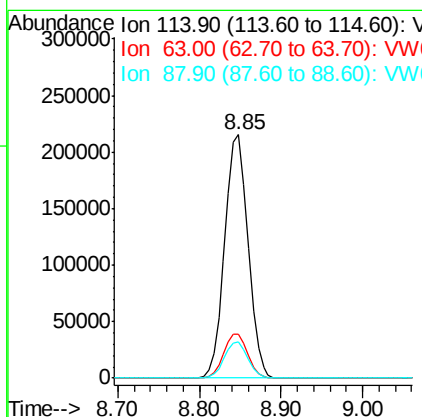
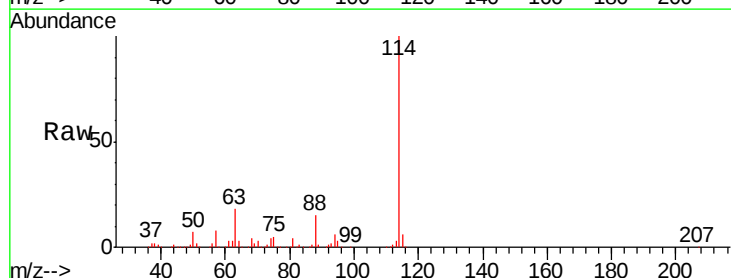
Instrument :
 MSVOA_W
 ClientSampleId :
 SP-STONE

Tgt Ion: 65 Resp: 109149
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006148.D
 Acq: 18 Oct 2018 02:47

Tgt Ion: 114 Resp: 424366
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 36.8
 88 14.6 0.0 29.0

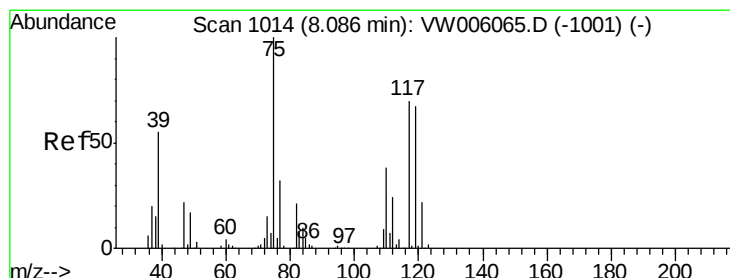
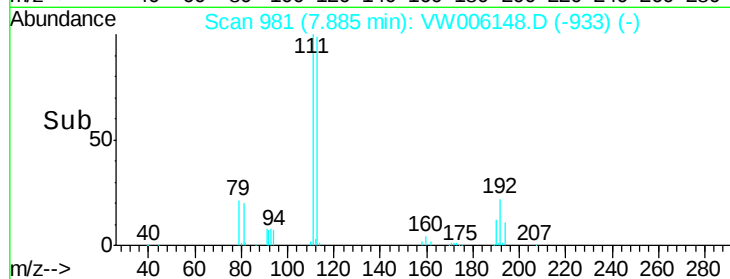
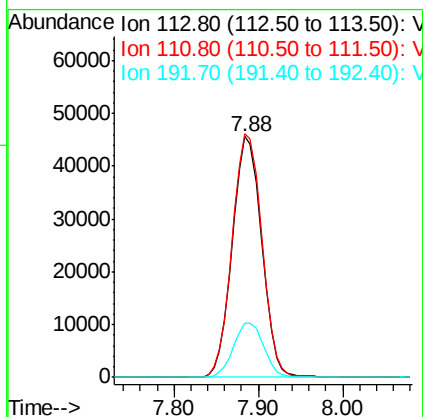
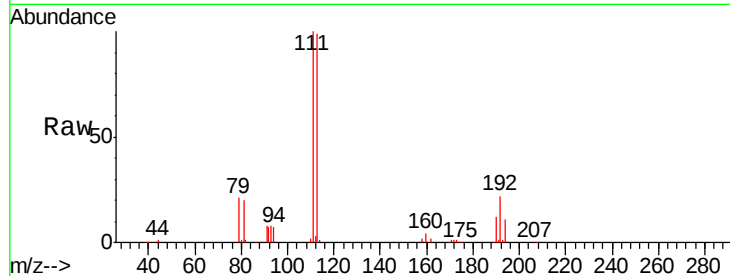




#35
 Dibromofluoromethane
 Concen: 42.87 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006148.D
 Acq: 18 Oct 2018 02:47

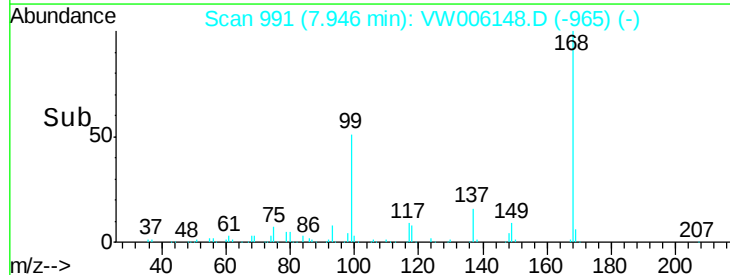
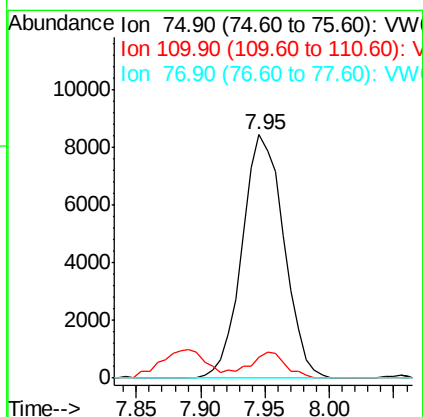
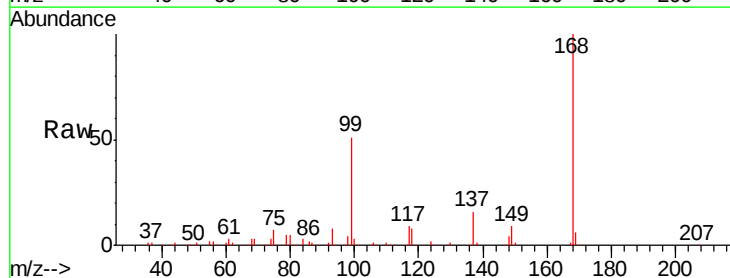
Instrument :
 MSVOA_W
 ClientSampleId :
 SP-STONE

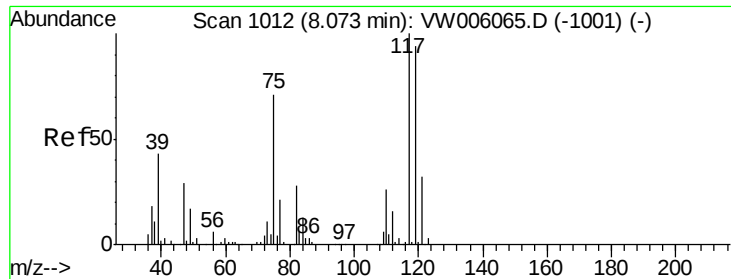
Tgt Ion:113 Resp: 107489
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.4 122.0
 192 23.1 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 4.84 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006148.D
 Acq: 18 Oct 2018 02:47

Tgt Ion: 75 Resp: 18935
 Ion Ratio Lower Upper
 75 100
 110 8.5 19.1 57.1#
 77 0.0 25.0 37.4#

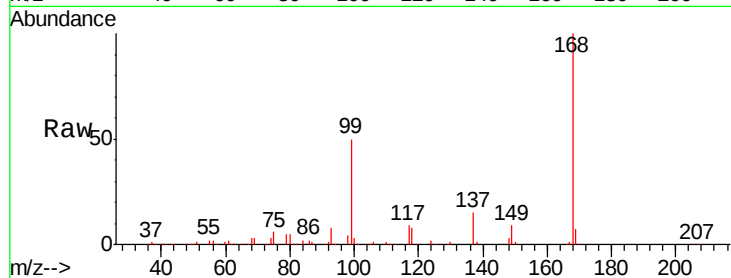




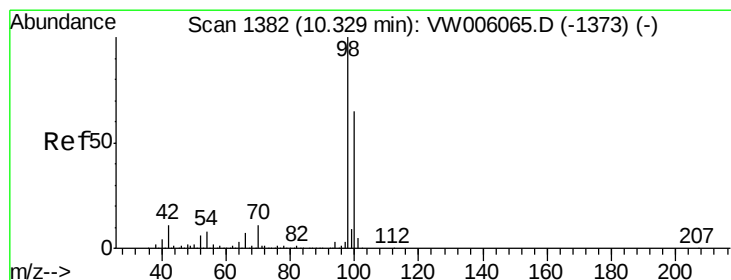
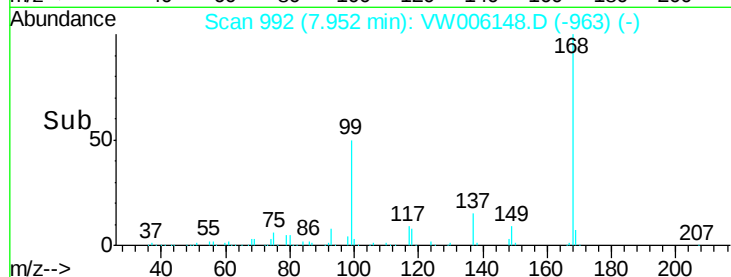
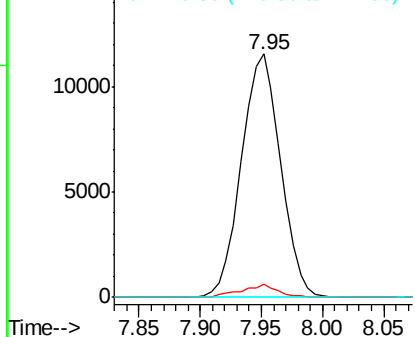
#38
Carbon Tetrachloride
Concen: 5.98 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006148.D
Acq: 18 Oct 2018 02:47

Instrument :
MSVOA_W
ClientSampleId :
SP-STONE

Tgt Ion:117 Resp: 25653
Ion Ratio Lower Upper
117 100
119 5.5 75.2 112.8#
121 0.0 25.3 37.9#

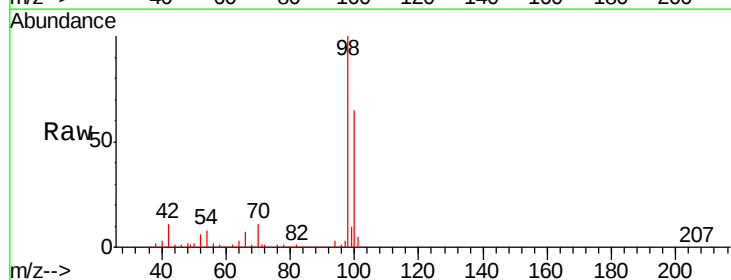


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

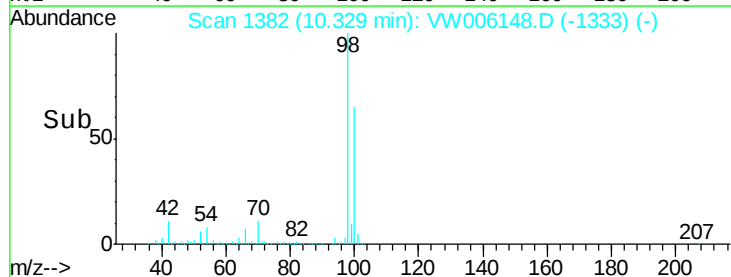
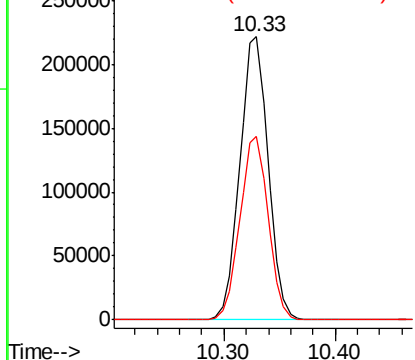


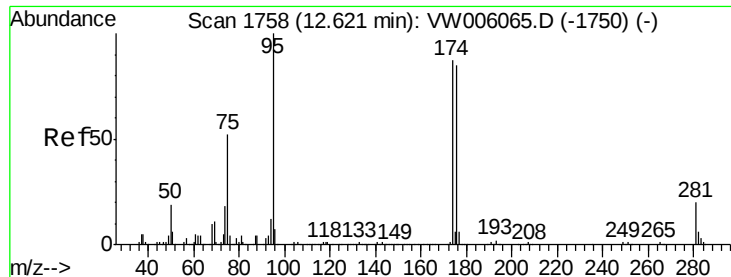
#50
Toluene-d8
Concen: 40.89 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006148.D
Acq: 18 Oct 2018 02:47

Tgt Ion: 98 Resp: 390077
Ion Ratio Lower Upper
98 100
100 64.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V

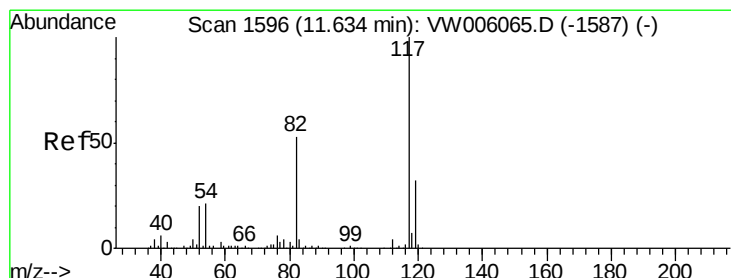
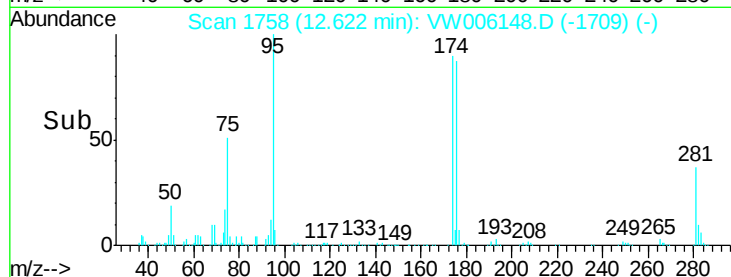
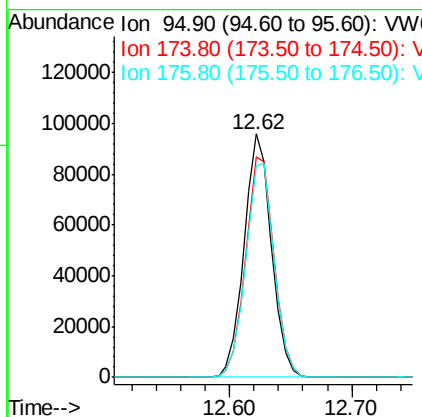
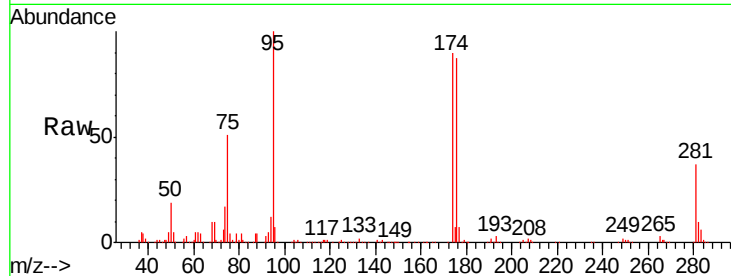




#62
4-Bromofluorobenzene
Concen: 41.55 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006148.D
Acq: 18 Oct 2018 02:47

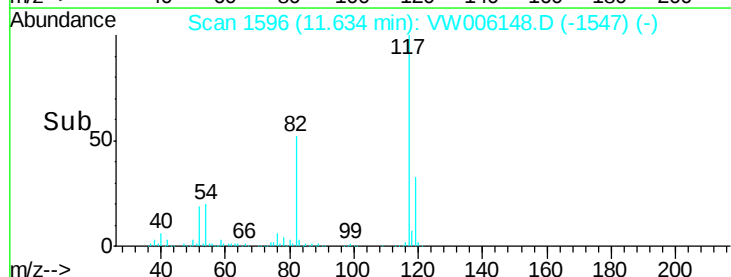
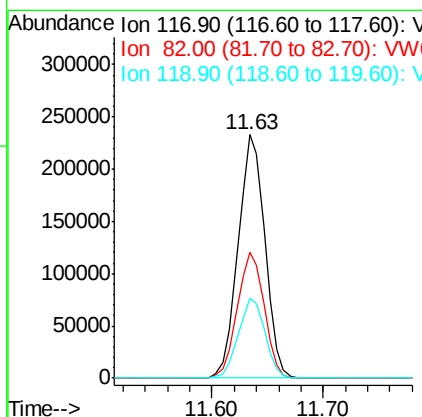
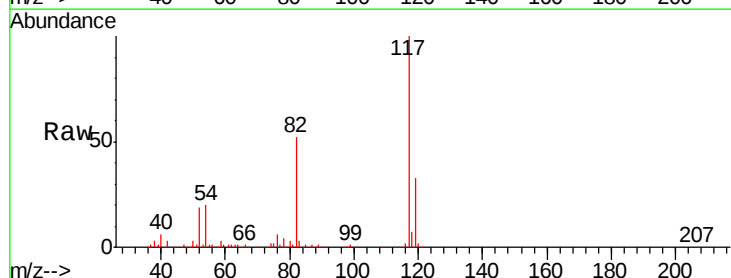
Instrument :
MSVOA_W
ClientSampleId :
SP-STONE

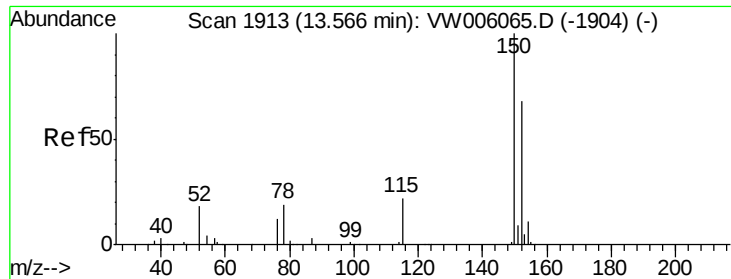
Tgt Ion: 95 Resp: 148885
Ion Ratio Lower Upper
95 100
174 94.2 0.0 186.0
176 91.9 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006148.D
Acq: 18 Oct 2018 02:47

Tgt Ion: 117 Resp: 387230
Ion Ratio Lower Upper
117 100
82 51.6 42.1 63.1
119 32.6 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006148.D

Acq: 18 Oct 2018 02:47

Instrument :

MSVOA_W

ClientSampled :

SP-STONE

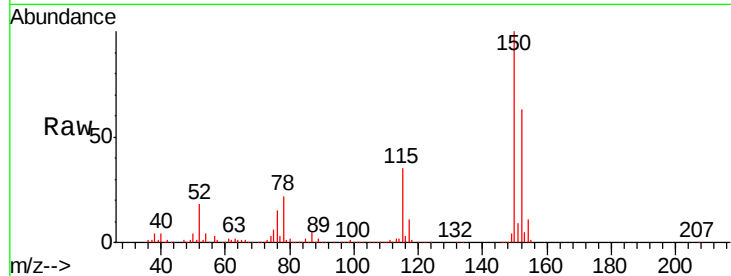
Tgt Ion:152 Resp: 202871

Ion Ratio Lower Upper

152 100

115 55.0 27.8 83.3

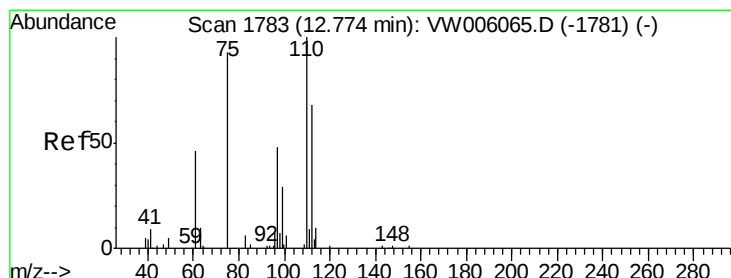
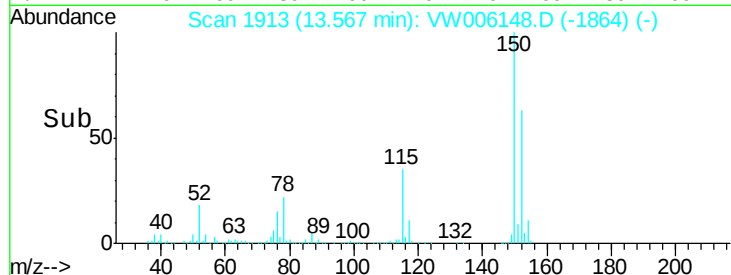
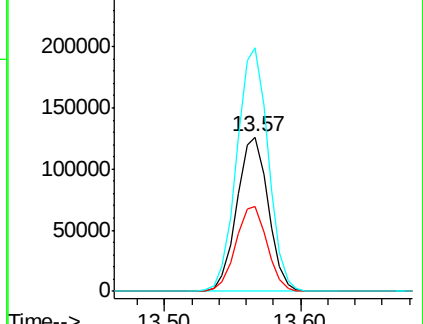
150 157.8 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 48.84 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006148.D

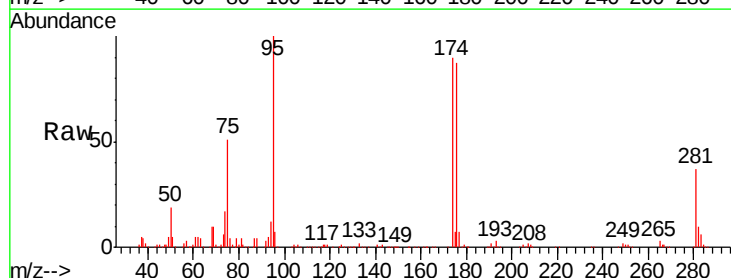
Acq: 18 Oct 2018 02:47

Tgt Ion: 75 Resp: 75675

Ion Ratio Lower Upper

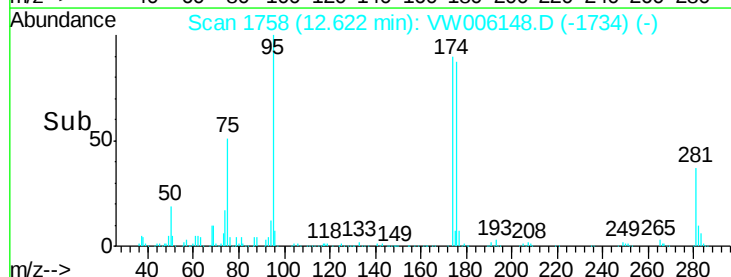
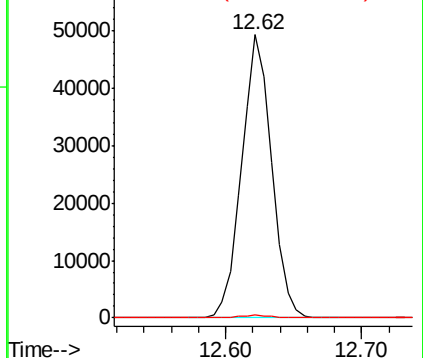
75 100

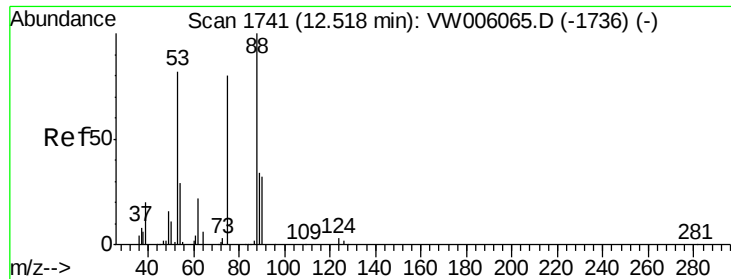
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 116.74 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006148.D

Acq: 18 Oct 2018 02:47

Instrument :

MSVOA_W

ClientSampleId :

SP-STONE

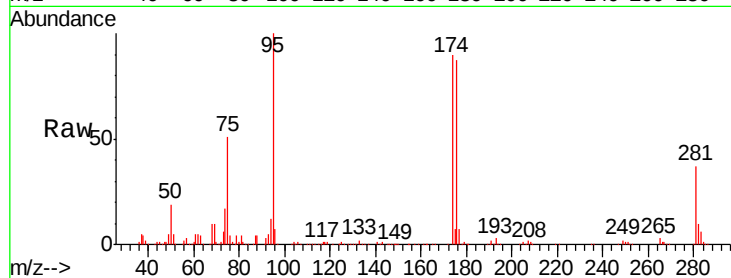
Tgt Ion: 75 Resp: 75675

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.3 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

