

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101018\
 Data File : VW005969.D
 Acq On : 10 Oct 2018 05:16
 Operator : SY/AP
 Sample : J5326-33RE
 Misc : 5.02G/5ML/MSVOA_W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FL-PH-2-STONE

Quant Time: Oct 10 06:38:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

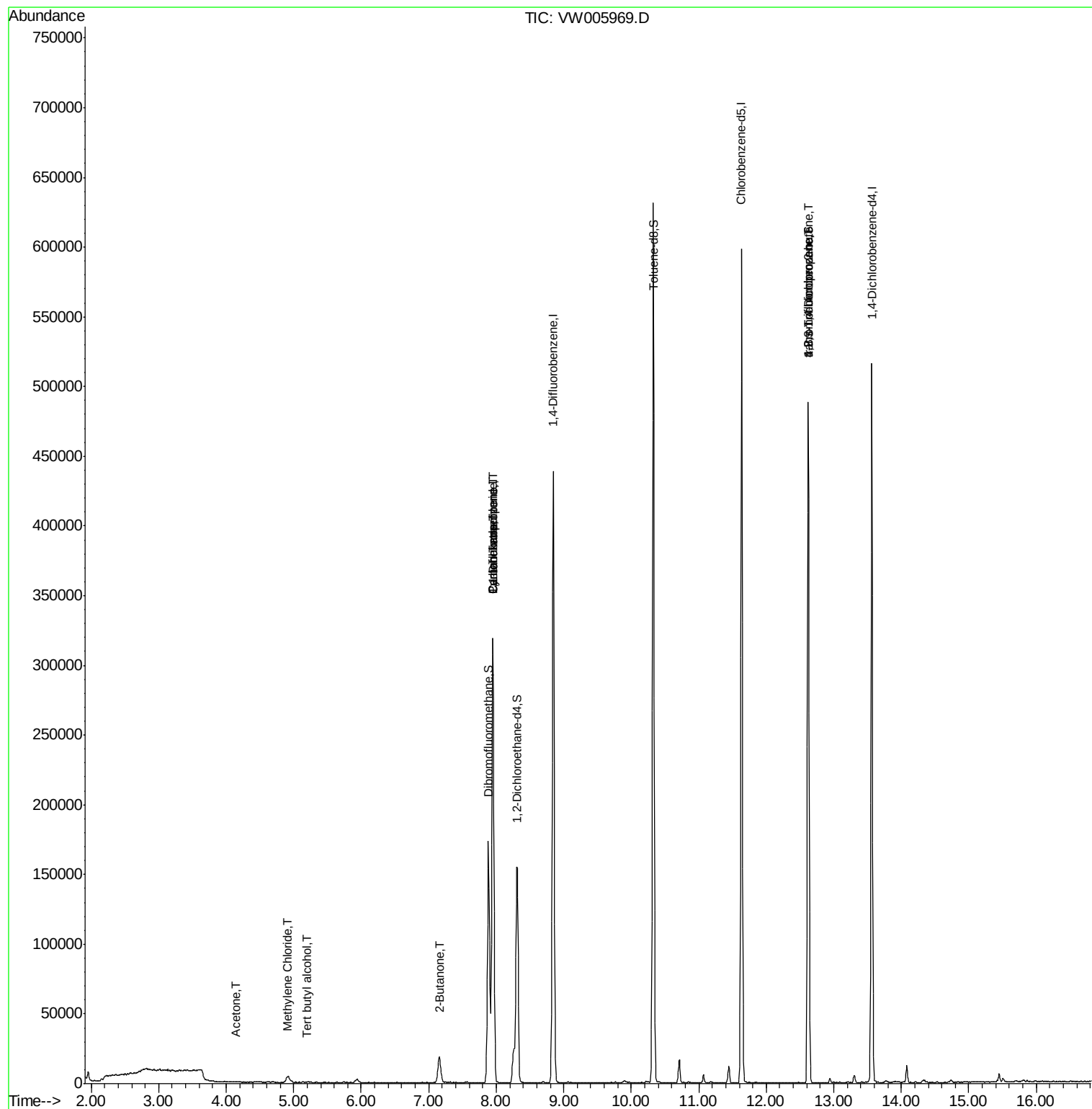
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	255357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	390991	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	332325	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	141720	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	122734	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
35) Dibromofluoromethane	7.88	113	119959	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
50) Toluene-d8	10.32	98	436274	45.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.84%	
62) 4-Bromofluorobenzene	12.62	95	142022	38.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.74%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.20	59	323	1.778	ug/l #	74
16) Acetone	4.15	43	888	1.793	ug/l #	72
20) Methylene Chloride	4.91	84	4057	1.635	ug/l #	88
25) 2-Butanone	7.17	43	1365	1.938	ug/l #	49
31) Cyclohexane	7.95	56	5090	1.173	ug/l #	8
36) 1,1-Dichloropropene	7.95	75	17037	4.548	ug/l #	49
38) Carbon Tetrachloride	7.95	117	23449	5.826	ug/l #	14
76) 1,2,3-Trichloropropane	12.62	75	72286	57.100	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	72286	120.545	ug/l #	11

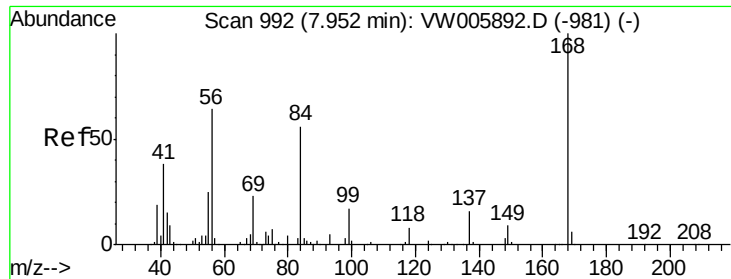
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101018\
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Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 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: VW005969.D

Acq: 10 Oct 2018 05:16

Instrument :

MSVOA_W

ClientSampleId :

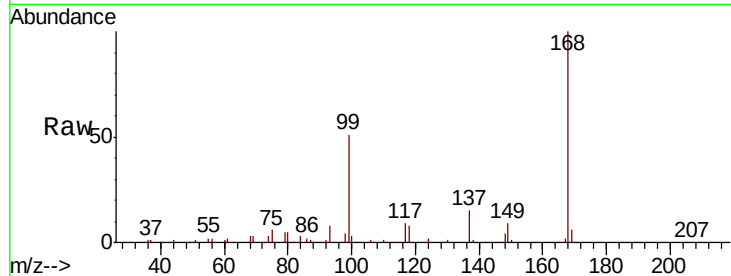
FL-PH-2-STONE

Tgt Ion:168 Resp: 255357

Ion Ratio Lower Upper

168 100

99 50.7 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

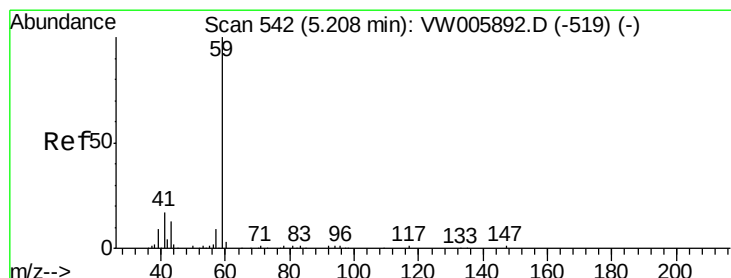
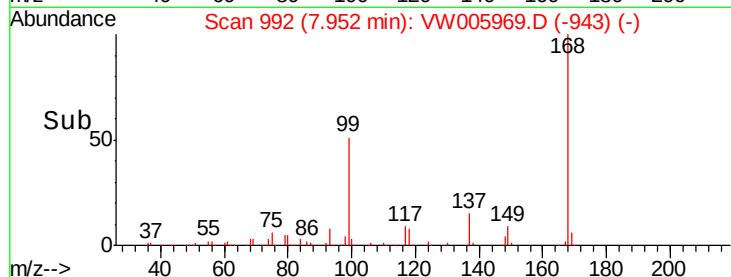
7.95

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.778 ug/l

RT: 5.20 min Scan# 541

Delta R.T. -0.01 min

Lab File: VW005969.D

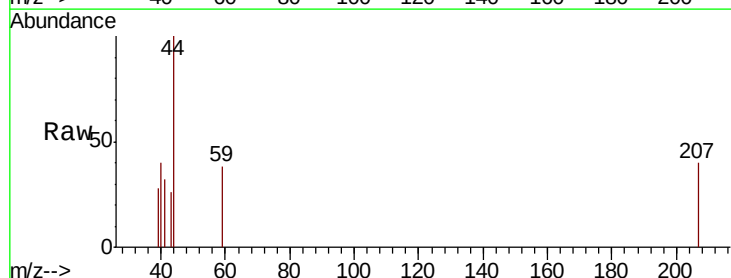
Acq: 10 Oct 2018 05:16

Tgt Ion: 59 Resp: 323

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.20

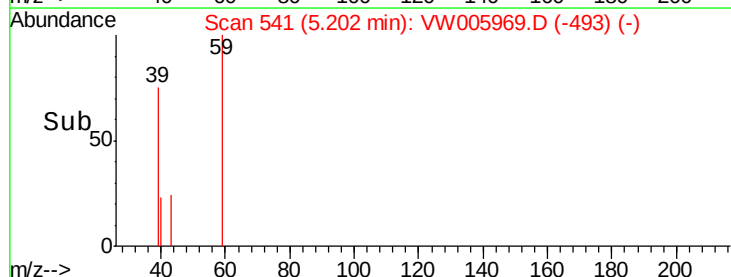
150

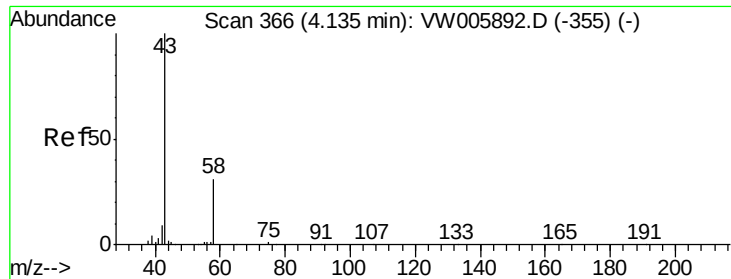
100

50

0

Time-->





#16

Acetone

Concen: 1.793 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW005969.D

Acq: 10 Oct 2018 05:16

Instrument :

MSVOA_W

ClientSampleId :

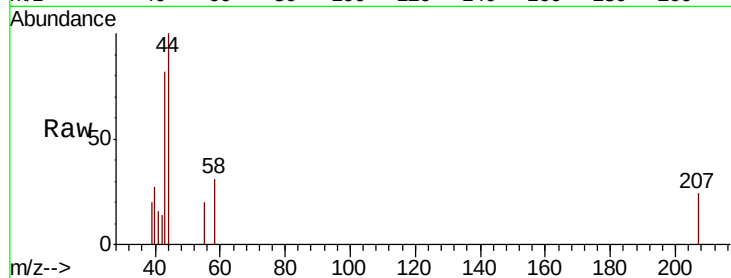
FL-PH-2-STONE

Tgt Ion: 43 Resp: 888

Ion Ratio Lower Upper

43 100

58 46.3 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

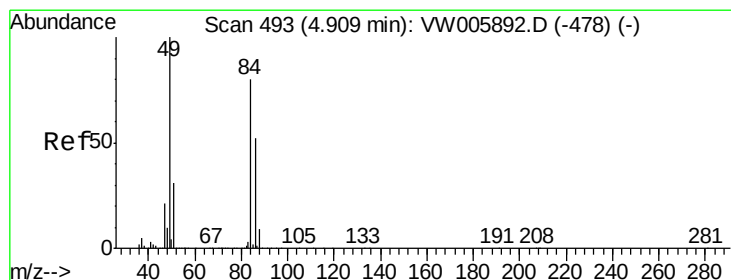
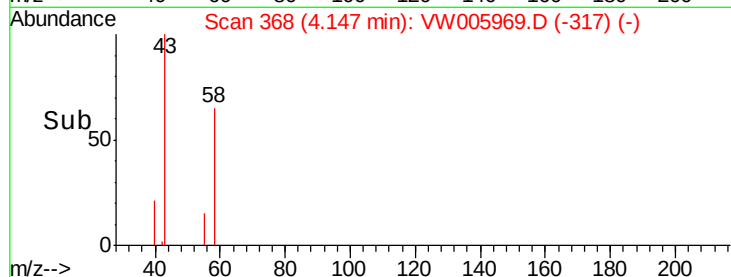
300

200

100

0

Time--> 4.05 4.10 4.15 4.20



#20

Methylene Chloride

Concen: 1.635 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW005969.D

Acq: 10 Oct 2018 05:16

Tgt Ion: 84 Resp: 4057

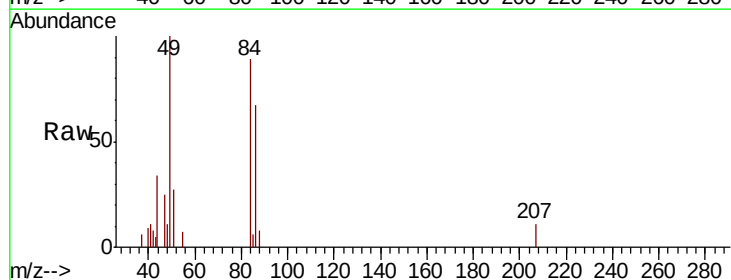
Ion Ratio Lower Upper

84 100

49 112.9 99.9 149.9

51 30.5 31.1 46.7#

86 75.8 51.8 77.6



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

2000

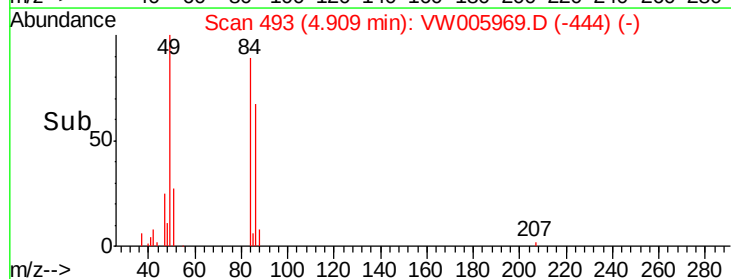
1500

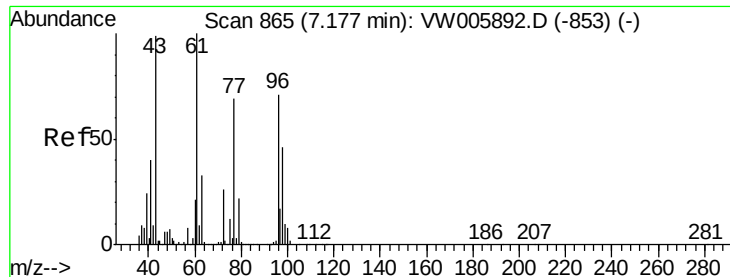
1000

500

0

Time--> 4.80 4.90 5.00





#25

2-Butanone

Concen: 1.938 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW005969.D

Acq: 10 Oct 2018 05:16

Instrument :

MSVOA_W

ClientSampleId :

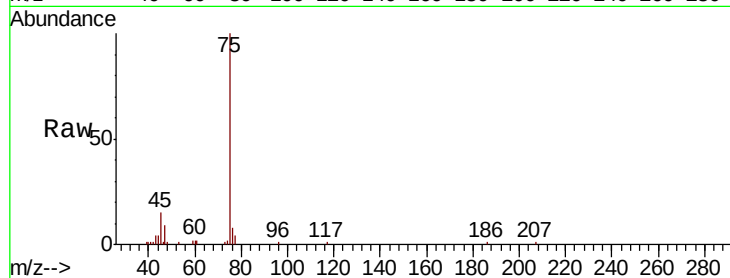
FL-PH-2-STONE

Tgt Ion: 43 Resp: 1365

Ion Ratio Lower Upper

43 100

72 0.0 21.0 31.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.17

400

300

200

100

0

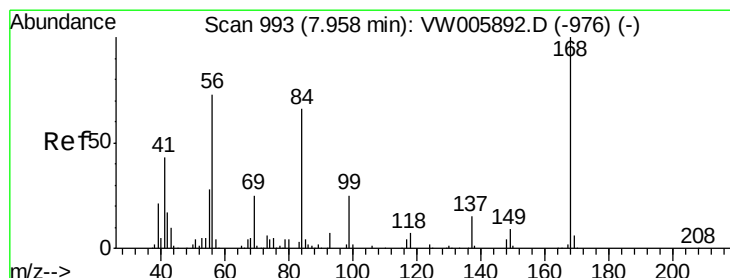
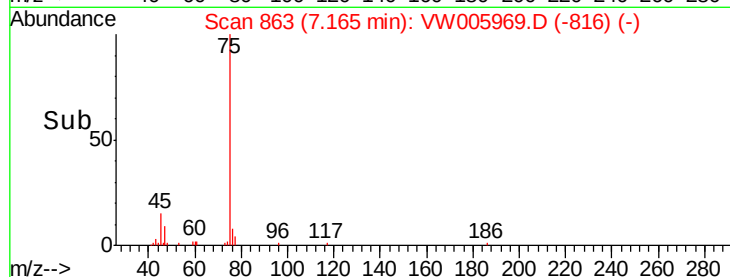
7.05

7.10

7.15

7.20

Time-->



#31

Cyclohexane

Concen: 1.173 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005969.D

Acq: 10 Oct 2018 05:16

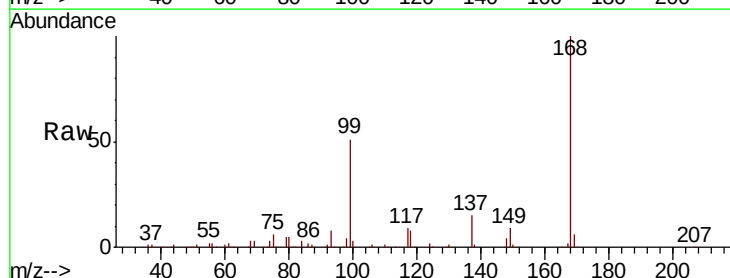
Tgt Ion: 56 Resp: 5090

Ion Ratio Lower Upper

56 100

69 160.9 27.9 41.9#

84 131.7 72.3 108.5#



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

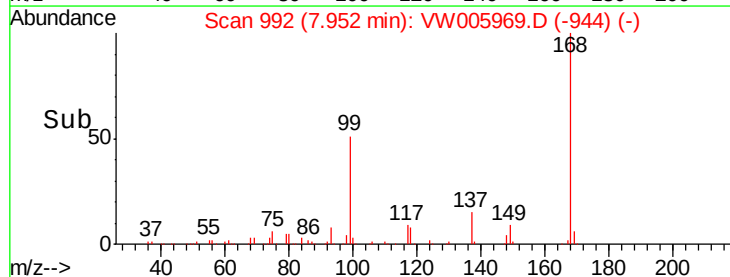
7.90

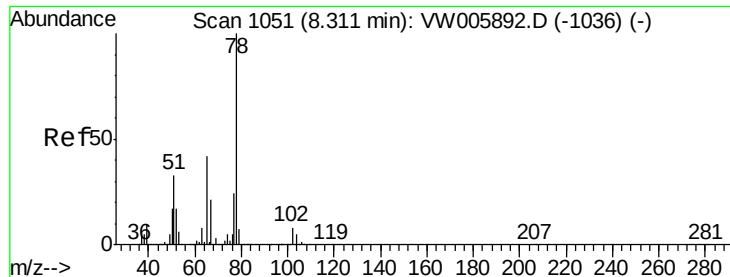
7.95

8.00

8.05

Time-->

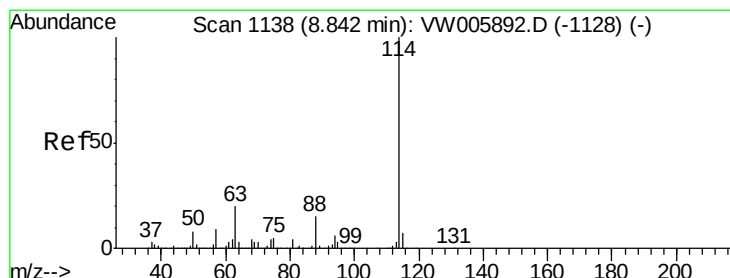
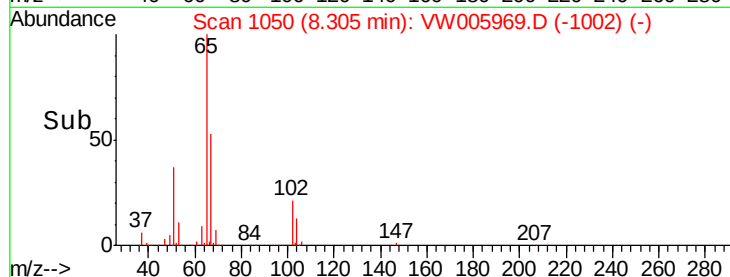
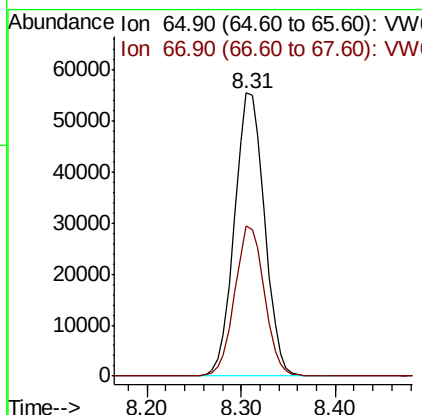
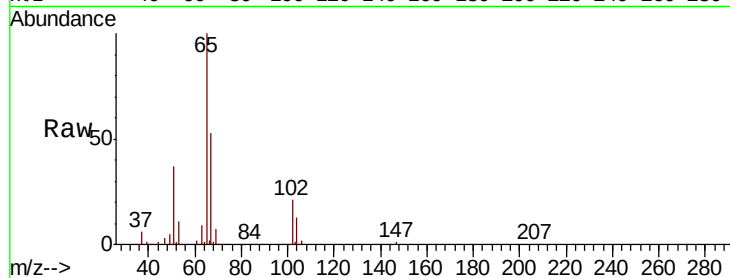




#33
 1,2-Dichloroethane-d4
 Concen: 49.511 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW005969.D
 Acq: 10 Oct 2018 05:16

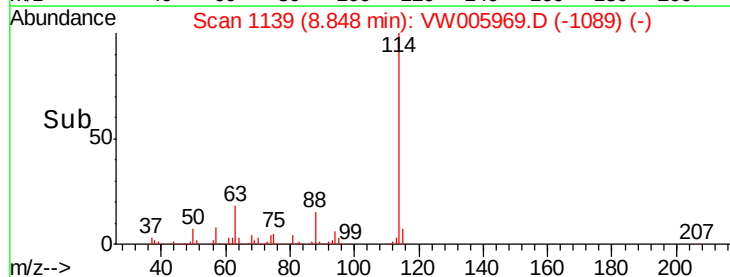
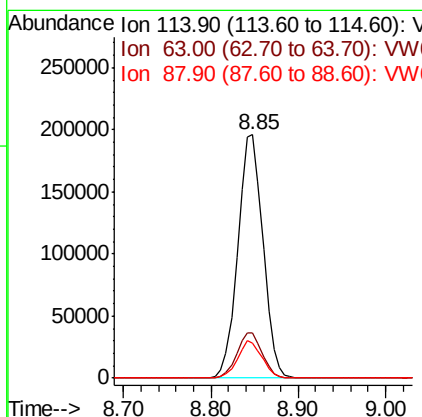
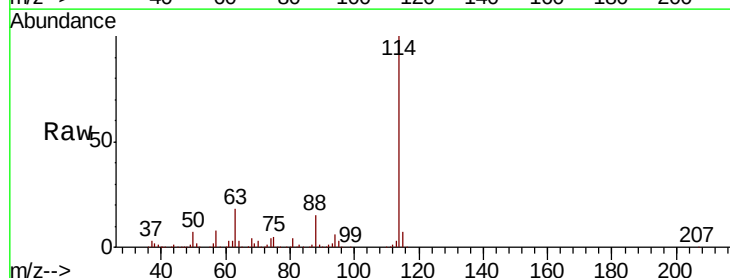
Instrument :
 MSVOA_W
 ClientSampleId :
 FL-PH-2-STONE

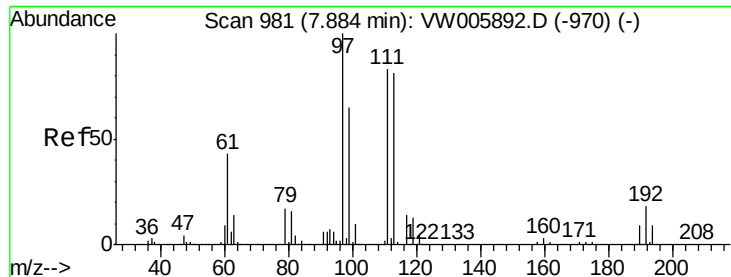
Tgt Ion: 65 Resp: 122734
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005969.D
 Acq: 10 Oct 2018 05:16

Tgt Ion: 114 Resp: 390991
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 39.2
 88 14.5 0.0 30.8

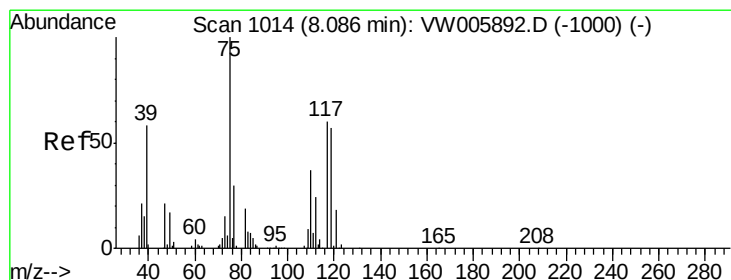
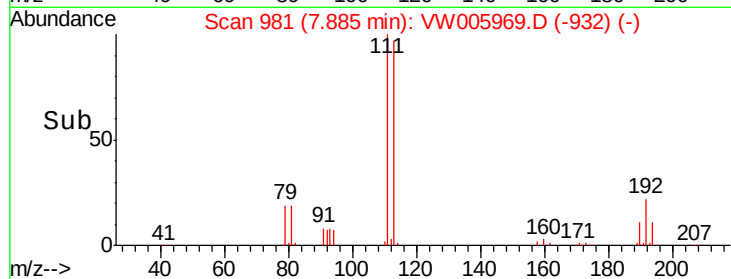
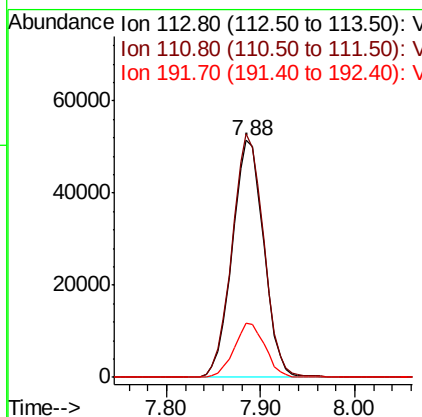
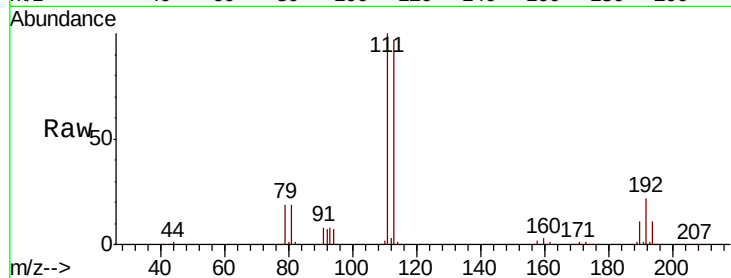




#35
 Dibromofluoromethane
 Concen: 48.055 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW005969.D
 Acq: 10 Oct 2018 05:16

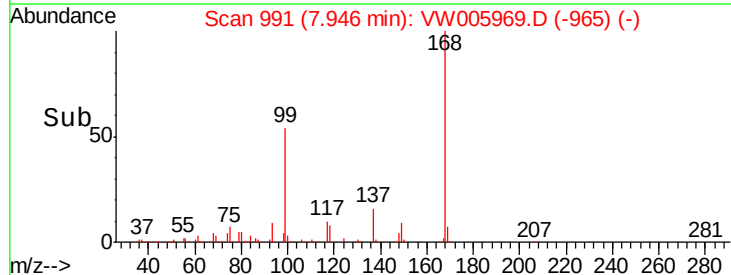
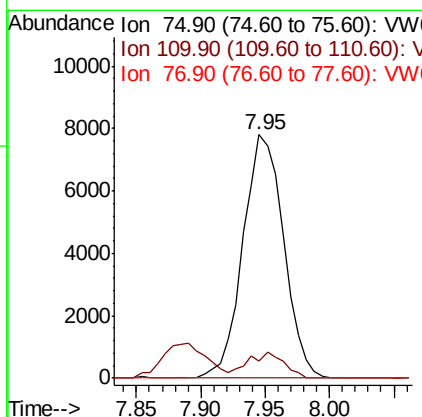
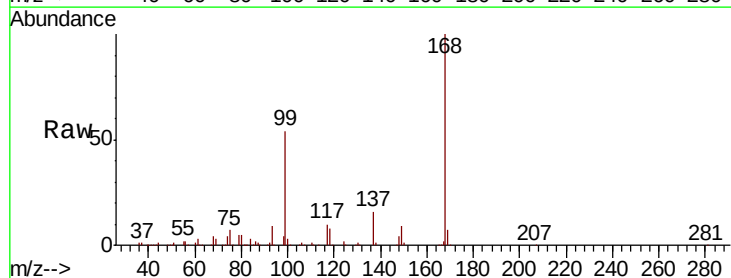
Instrument :
 MSVOA_W
 ClientSampleId :
 FL-PH-2-STONE

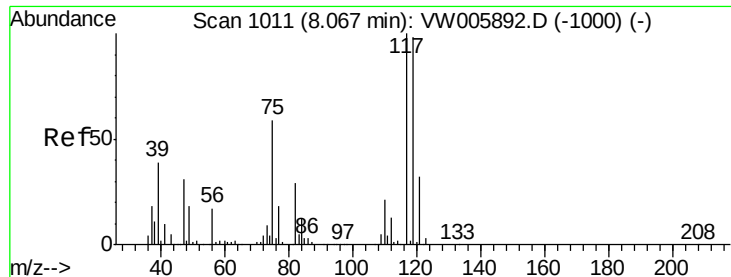
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.0	123.0
192	22.5	18.3	27.5



#36
 1,1-Dichloropropene
 Concen: 4.548 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW005969.D
 Acq: 10 Oct 2018 05:16

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.6	18.6	56.0#
77	0.0	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 5.826 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW005969.D

Acq: 10 Oct 2018 05:16

Instrument :

MSVOA_W

ClientSampleId :

FL-PH-2-STONE

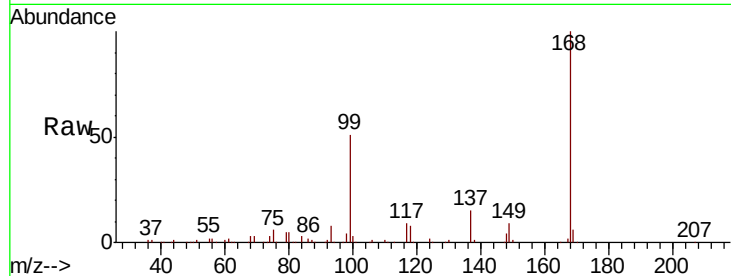
Tgt Ion:117 Resp: 23449

Ion Ratio Lower Upper

117 100

119 3.2 78.6 117.8#

121 0.0 25.3 37.9#

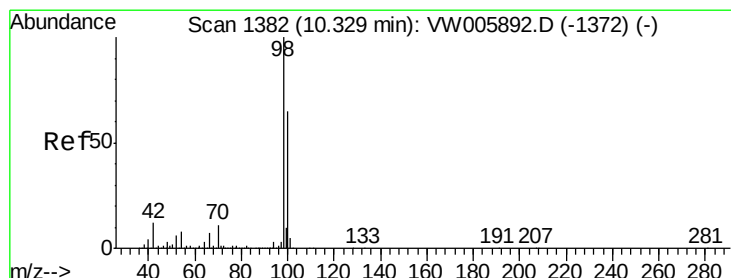
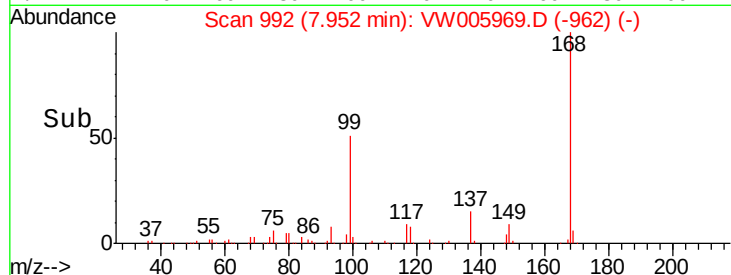
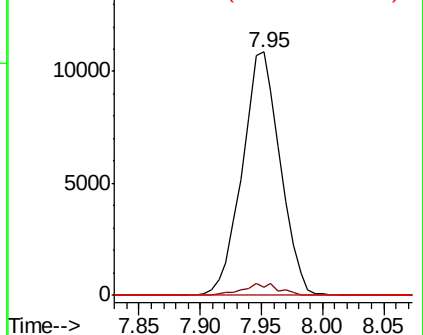


Abundance

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: 45.425 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW005969.D

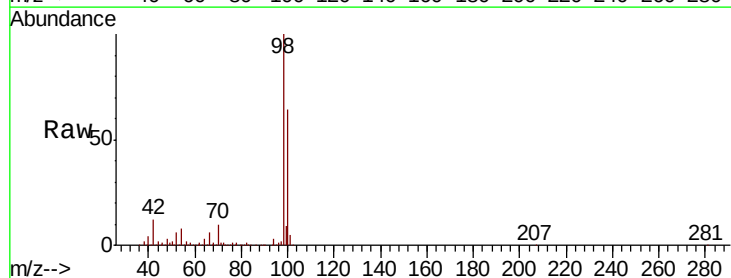
Acq: 10 Oct 2018 05:16

Tgt Ion: 98 Resp: 436274

Ion Ratio Lower Upper

98 100

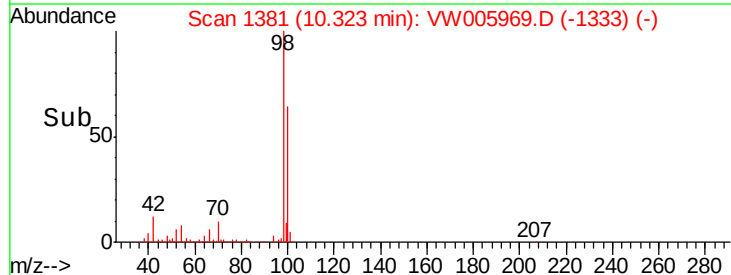
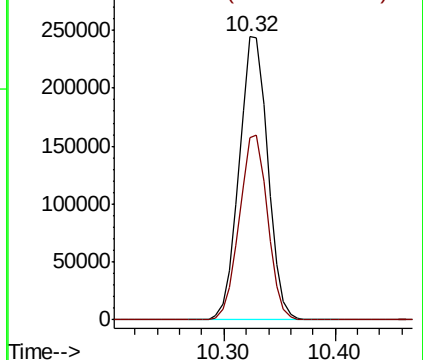
100 64.2 51.9 77.9

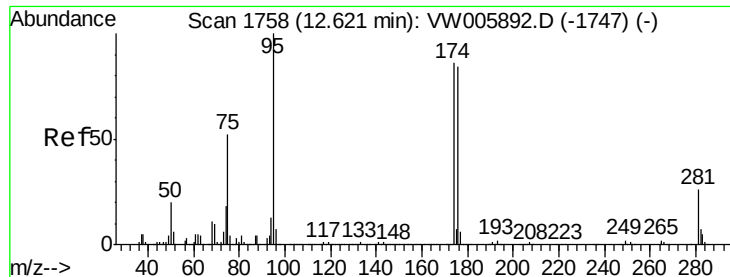


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

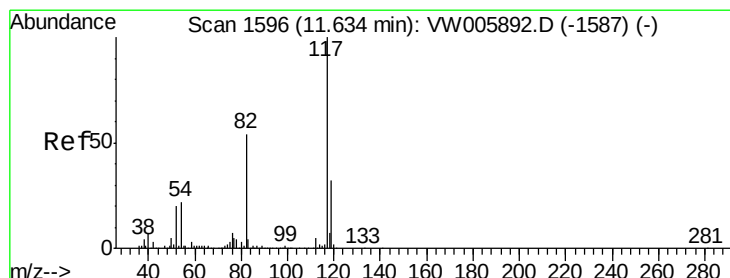
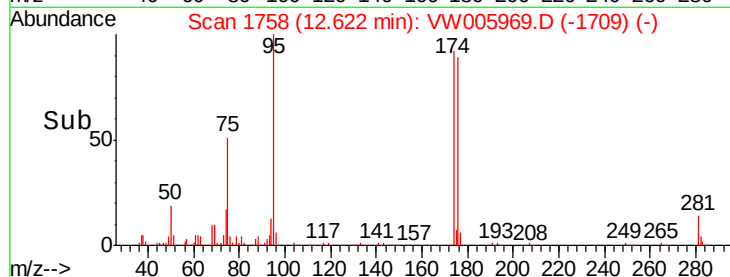
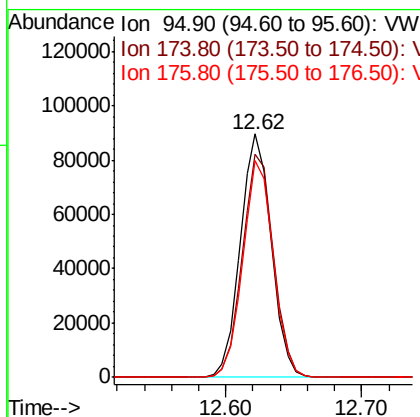
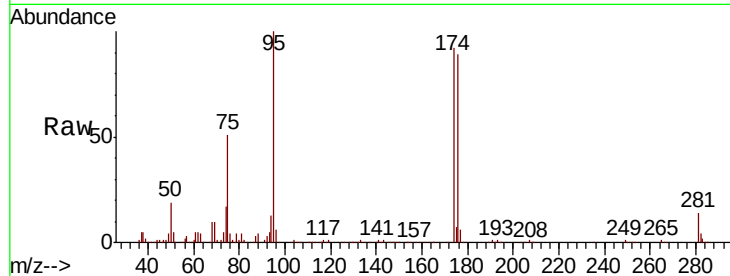




#62
4-Bromofluorobenzene
Concen: 38.866 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW005969.D
Acq: 10 Oct 2018 05:16

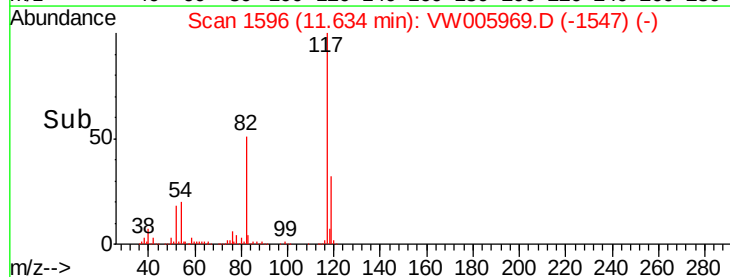
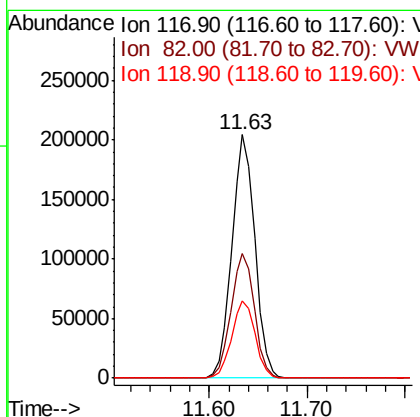
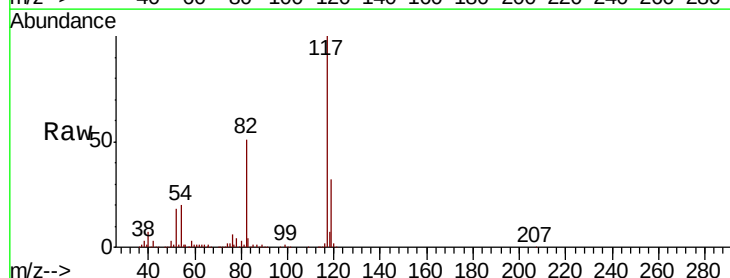
Instrument :
MSVOA_W
ClientSampleId :
FL-PH-2-STONE

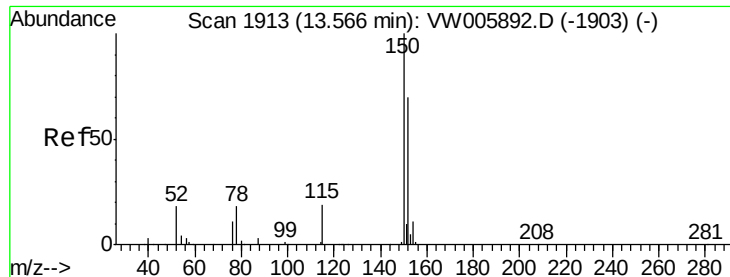
Tgt Ion: 95 Resp: 142022
Ion Ratio Lower Upper
95 100
174 92.8 0.0 176.4
176 88.2 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005969.D
Acq: 10 Oct 2018 05:16

Tgt Ion: 117 Resp: 332325
Ion Ratio Lower Upper
117 100
82 51.3 43.5 65.3
119 31.9 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW005969.D

Acq: 10 Oct 2018 05:16

Instrument :

MSVOA_W

ClientSampleId :

FL-PH-2-STONE

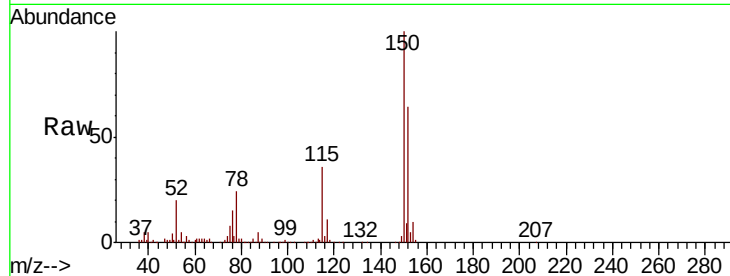
Tgt Ion: 152 Resp: 141720

Ion Ratio Lower Upper

152 100

115 55.2 28.3 85.0

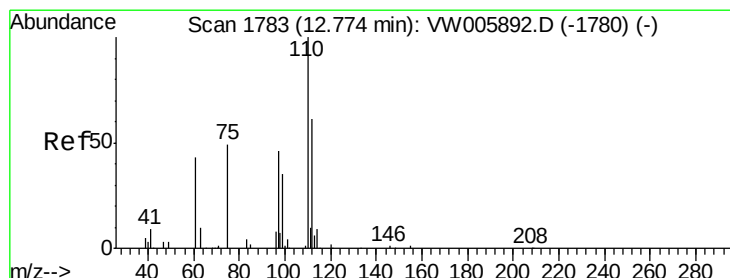
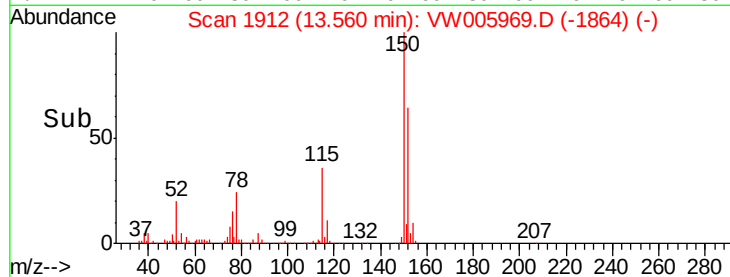
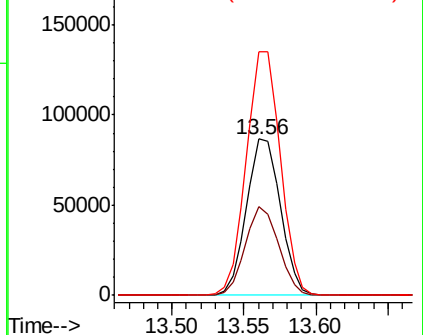
150 156.3 0.0 349.2



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: 57.100 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005969.D

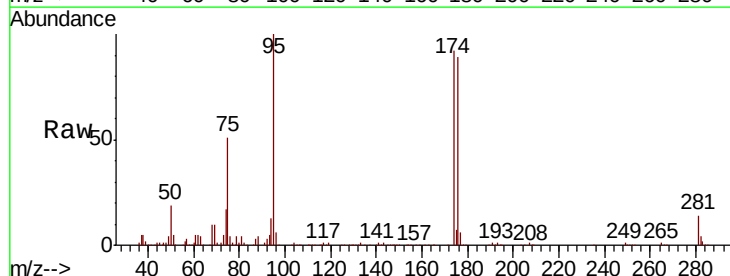
Acq: 10 Oct 2018 05:16

Tgt Ion: 75 Resp: 72286

Ion Ratio Lower Upper

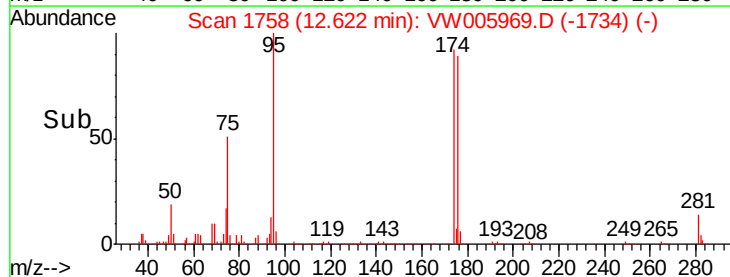
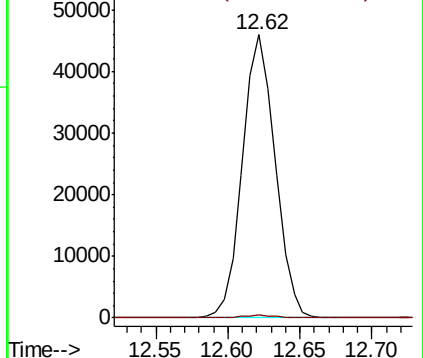
75 100

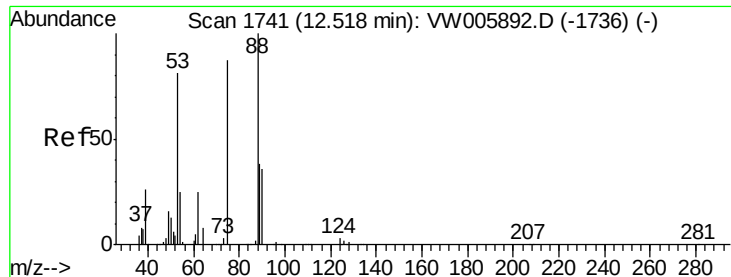
77 1.1 0.0 0.0#



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: 120.545 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005969.D

Acq: 10 Oct 2018 05:16

Instrument :

MSVOA_W

ClientSampleId :

FL-PH-2-STONE

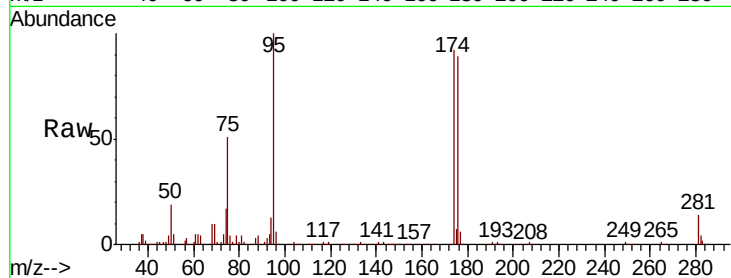
Tgt Ion: 75 Resp: 72286

Ion Ratio Lower Upper

75 100

53 0.0 76.5 114.7#

89 0.0 37.6 56.4#



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

