

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101018\
 Data File : VW005959.D
 Acq On : 10 Oct 2018 00:57
 Operator : SY/AP
 Sample : J5326-36
 Misc : 5.14G/5ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FL-PH-1-STONE

Quant Time: Oct 10 01:40:17 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	226897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	350684	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	319268	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	157933	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	133002	60.38	ug/l	0.00
Spiked Amount			Recovery	=	120.76%	
35) Dibromofluoromethane	7.88	113	127225	56.82	ug/l	0.00
Spiked Amount			Recovery	=	113.64%	
50) Toluene-d8	10.33	98	473517	54.97	ug/l	0.00
Spiked Amount			Recovery	=	109.94%	
62) 4-Bromofluorobenzene	12.62	95	164436	50.17	ug/l	0.00
Spiked Amount			Recovery	=	100.34%	

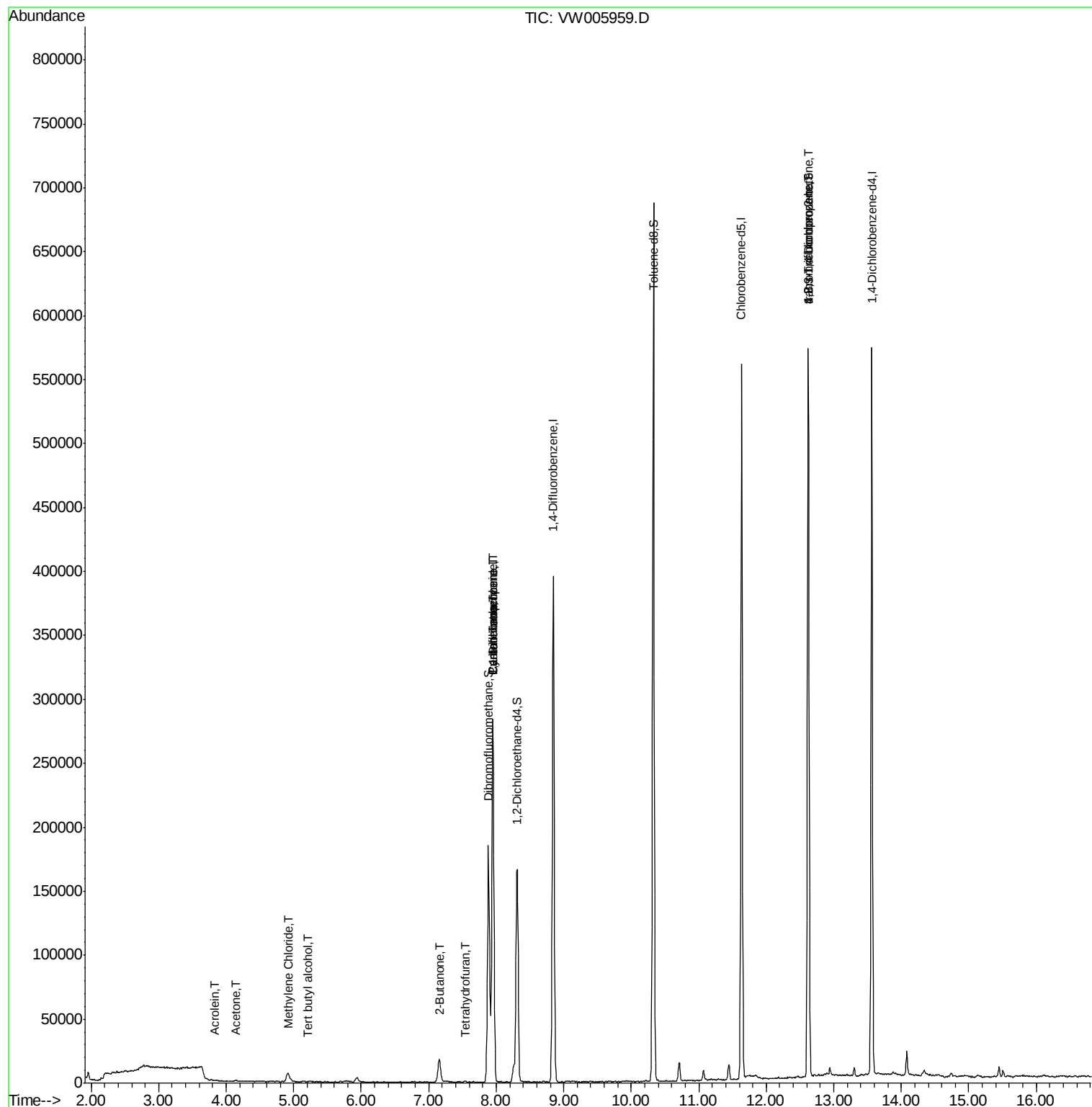
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	278	1.722	ug/l #	74
13) Acrolein	3.84	56	224	1.557	ug/l #	16
16) Acetone	4.14	43	2262	5.141	ug/l	93
20) Methylene Chloride	4.91	84	5751	2.609	ug/l	92
25) 2-Butanone	7.15	43	1792	2.864	ug/l #	49
29) Tetrahydrofuran	7.54	42	567	1.433	ug/l #	45
31) Cyclohexane	7.95	56	4345	1.127	ug/l #	10
36) 1,1-Dichloropropene	7.95	75	15187	4.520	ug/l #	49
38) Carbon Tetrachloride	7.95	117	20370	5.642	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	83643	59.289	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	83643	125.165	ug/l #	11

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005959.D

Acq: 10 Oct 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

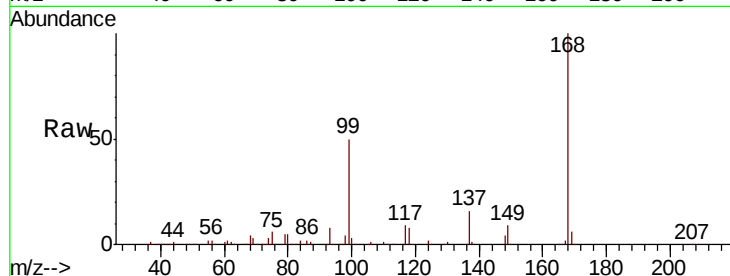
FL-PH-1-STONE

Tgt Ion:168 Resp: 226897

Ion Ratio Lower Upper

168 100

99 50.3 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

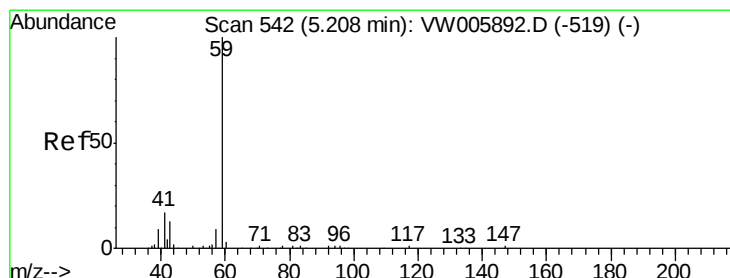
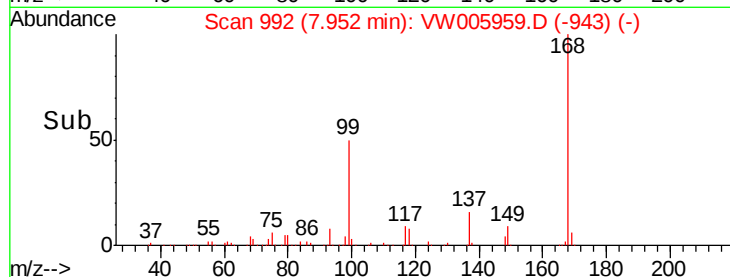
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.722 ug/l

RT: 5.21 min Scan# 542

Delta R.T. -0.00 min

Lab File: VW005959.D

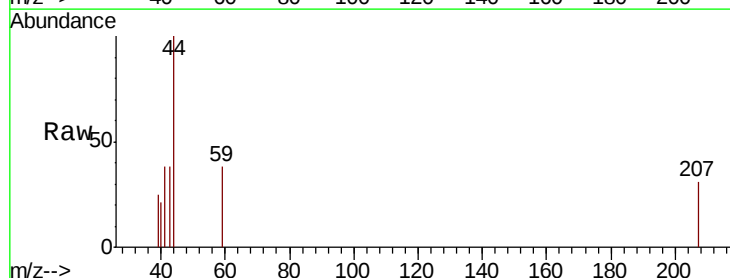
Acq: 10 Oct 2018 00:57

Tgt Ion: 59 Resp: 278

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

5.21

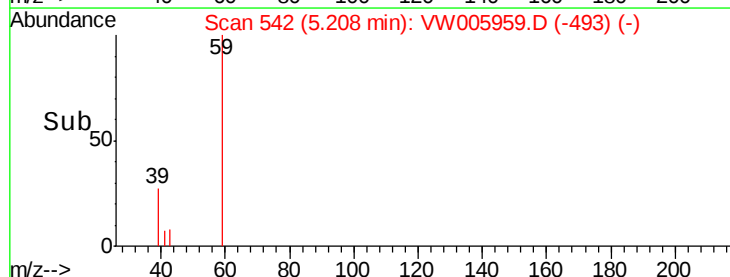
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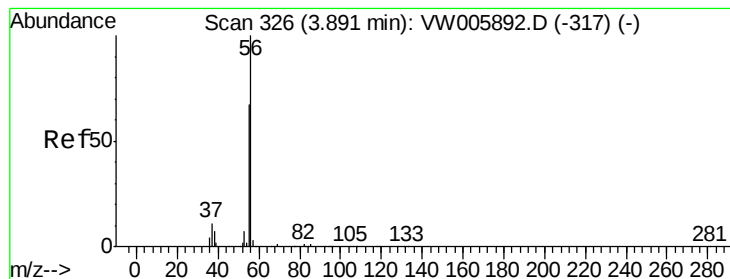
100

50

0

Time-->





#13

Acrolein

Concen: 1.557 ug/l

RT: 3.84 min Scan# 317

Delta R.T. -0.05 min

Lab File: VW005959.D

Acq: 10 Oct 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

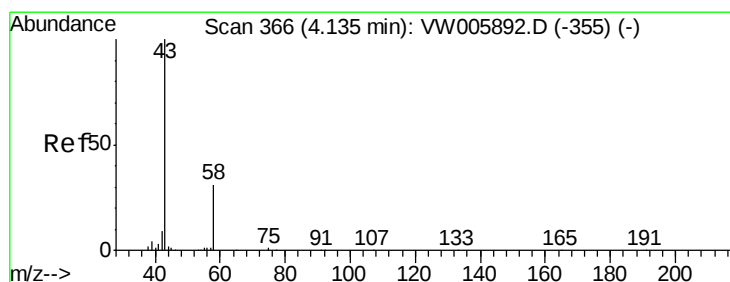
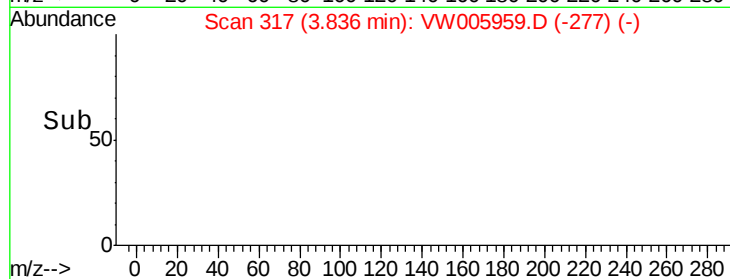
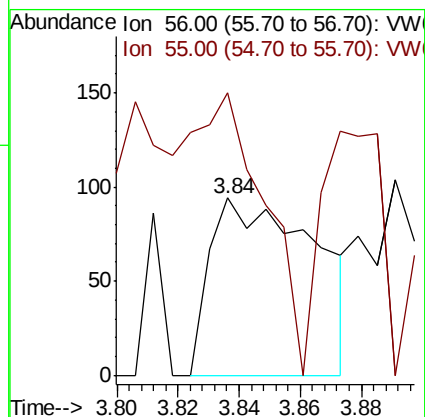
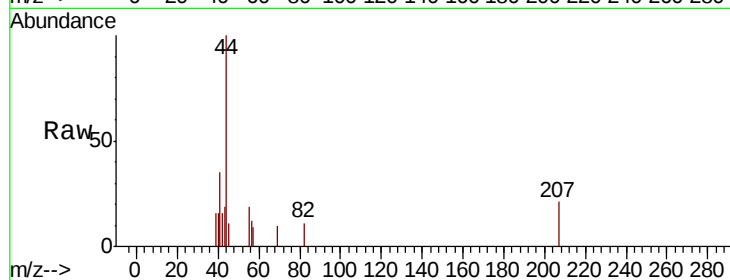
FL-PH-1-STONE

Tgt Ion: 56 Resp: 224

Ion Ratio Lower Upper

56 100

55 0.0 54.6 82.0#



#16

Acetone

Concen: 5.141 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.00 min

Lab File: VW005959.D

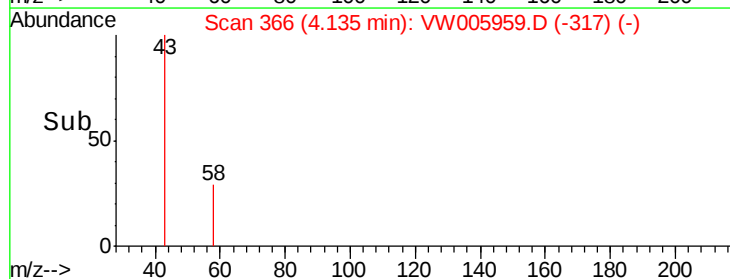
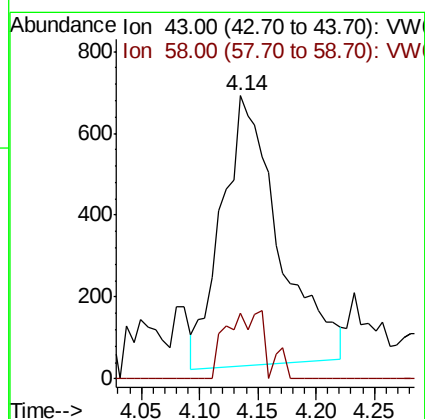
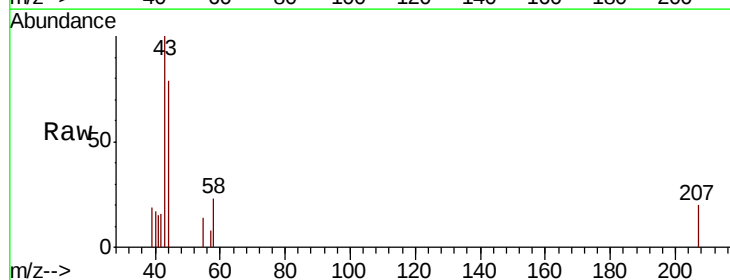
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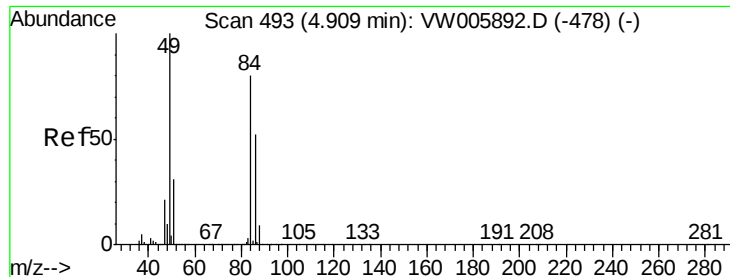
Tgt Ion: 43 Resp: 2262

Ion Ratio Lower Upper

43 100

58 27.2 24.7 37.1

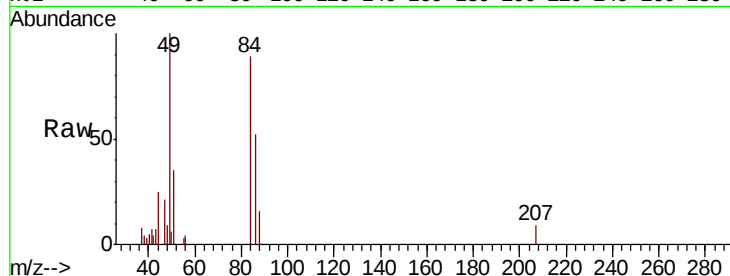




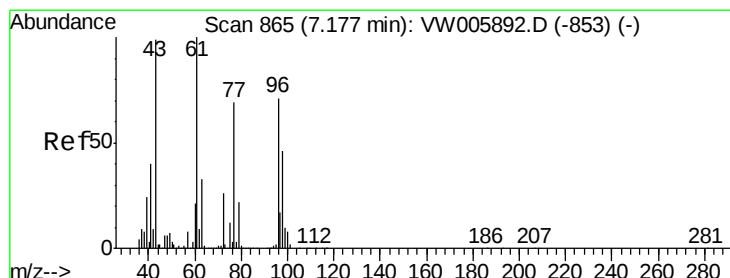
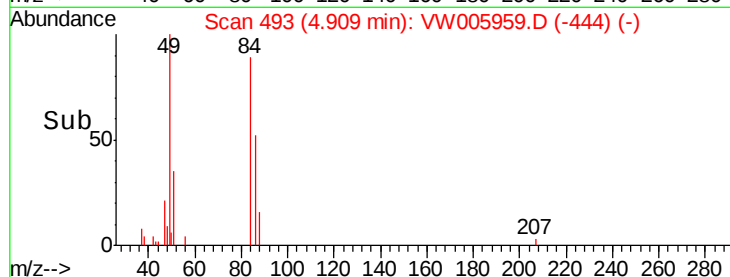
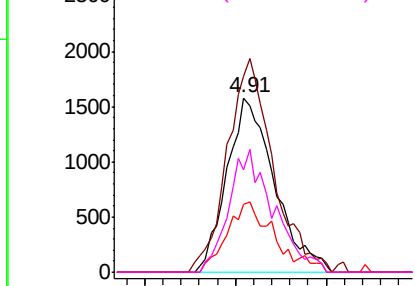
#20
Methylene Chloride
Concen: 2.609 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW005959.D
Acq: 10 Oct 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
FL-PH-1-STONE

Tgt Ion:	84	Resp:	5751
Ion	Ratio	Lower	Upper
84	100		
49	112.2	99.9	149.9
51	39.2	31.1	46.7
86	58.9	51.8	77.6

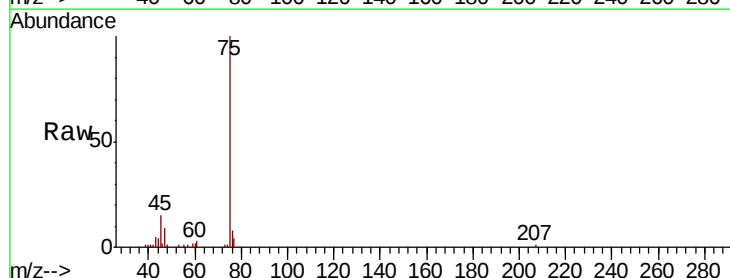


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

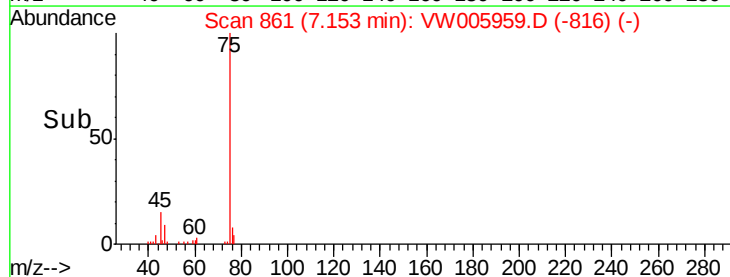
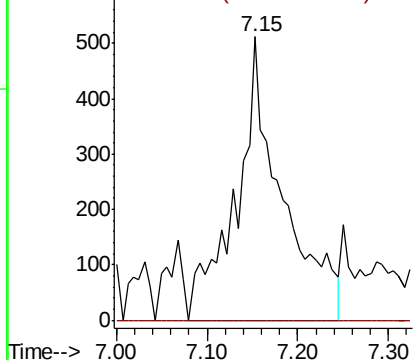


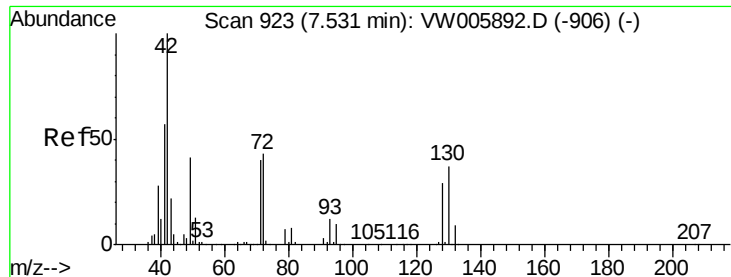
#25
2-Butanone
Concen: 2.864 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: VW005959.D
Acq: 10 Oct 2018 00:57

Tgt Ion:	43	Resp:	1792
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

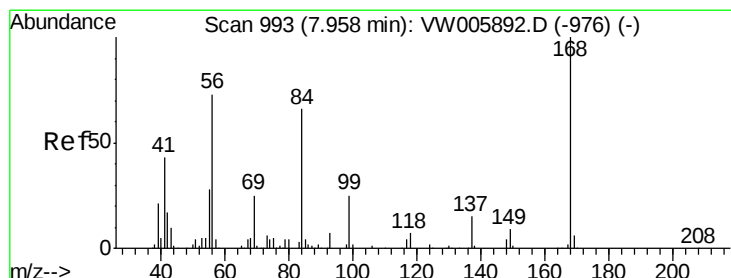
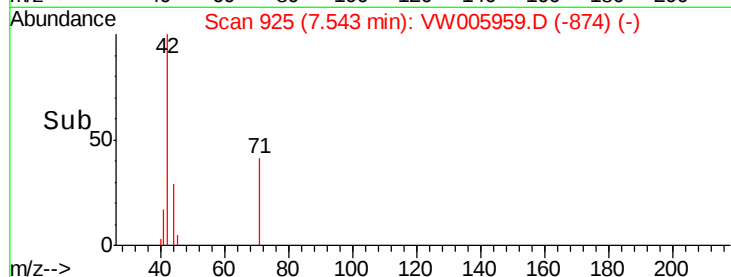
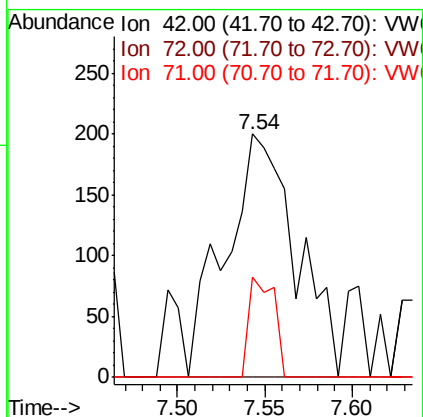
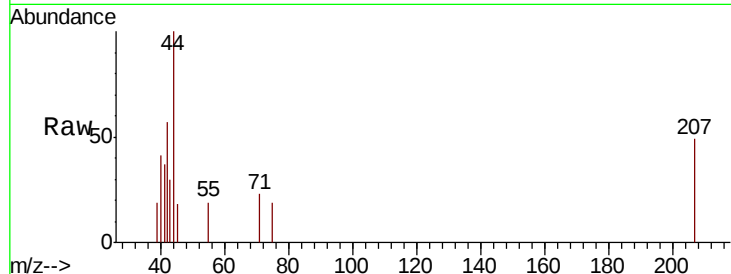




#29
Tetrahydrofuran
Concen: 1.433 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW005959.D
Acq: 10 Oct 2018 00:57

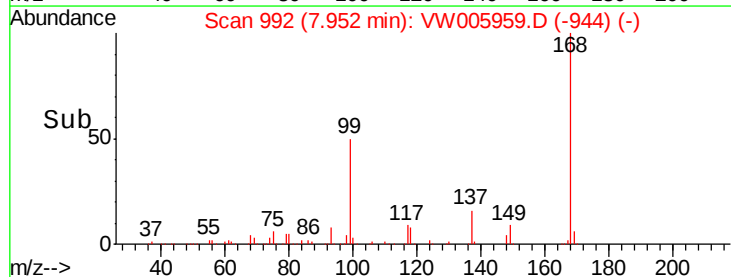
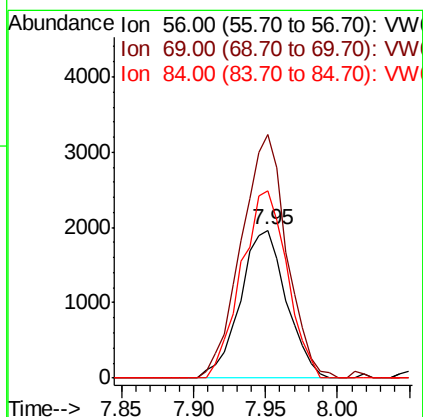
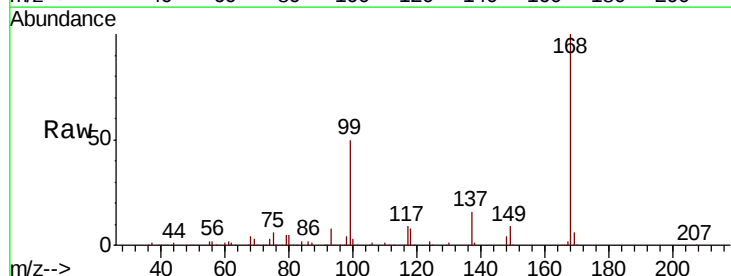
Instrument :
MSVOA_W
ClientSampleId :
FL-PH-1-STONE

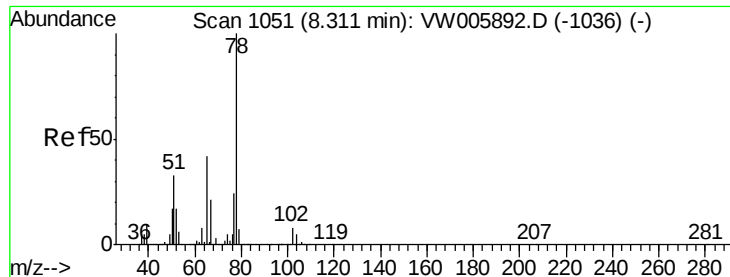
Tgt Ion: 42 Resp: 567
Ion Ratio Lower Upper
42 100
72 0.0 34.6 51.8#
71 14.6 32.6 49.0#



#31
Cyclohexane
Concen: 1.127 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005959.D
Acq: 10 Oct 2018 00:57

Tgt Ion: 56 Resp: 4345
Ion Ratio Lower Upper
56 100
69 164.3 27.9 41.9#
84 126.4 72.3 108.5#

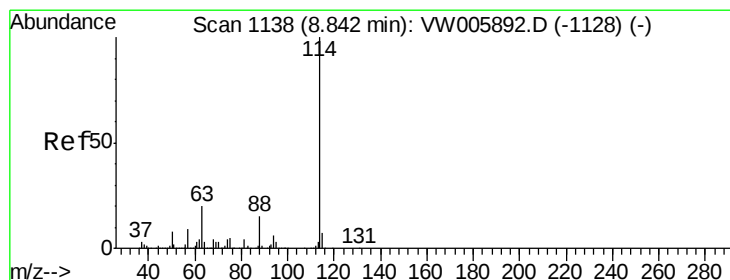
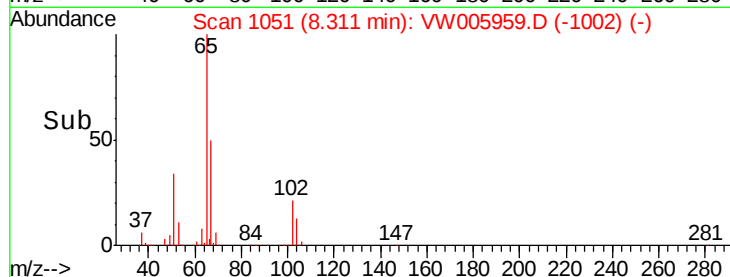
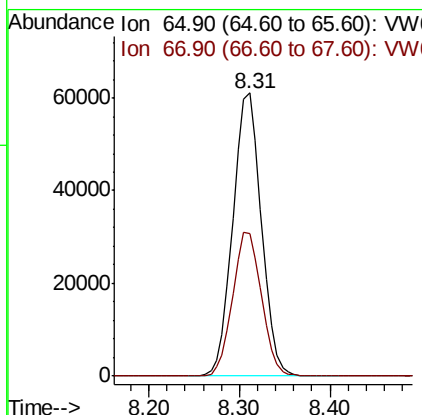
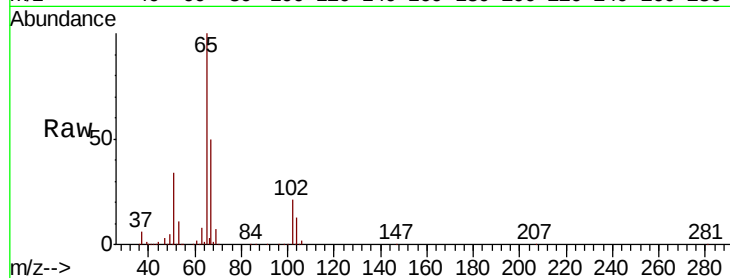




#33
 1,2-Dichloroethane-d4
 Concen: 60.382 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005959.D
 Acq: 10 Oct 2018 00:57

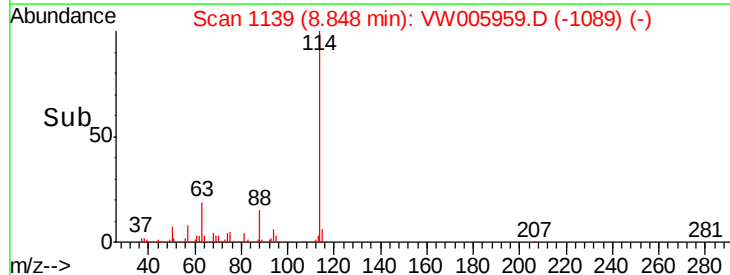
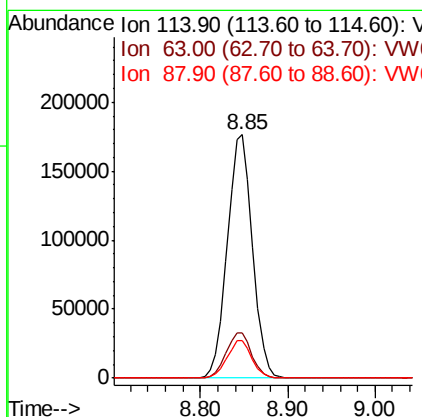
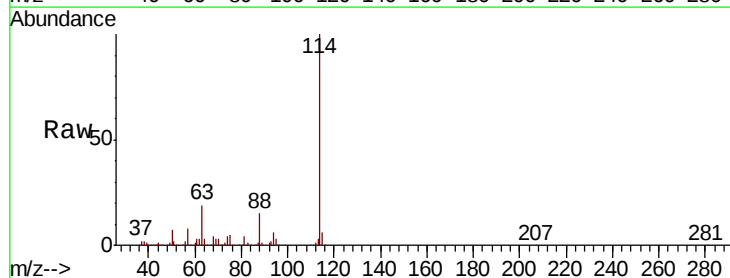
Instrument :
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 FL-PH-1-STONE

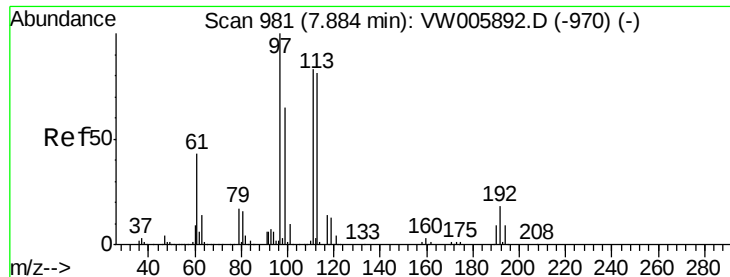
Tgt Ion: 65 Resp: 133002
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005959.D
 Acq: 10 Oct 2018 00:57

Tgt Ion: 114 Resp: 350684
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.2
 88 15.3 0.0 30.8

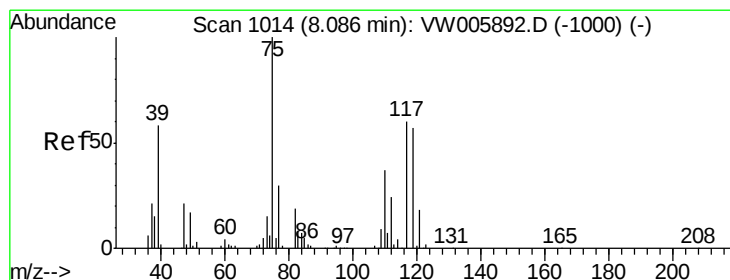
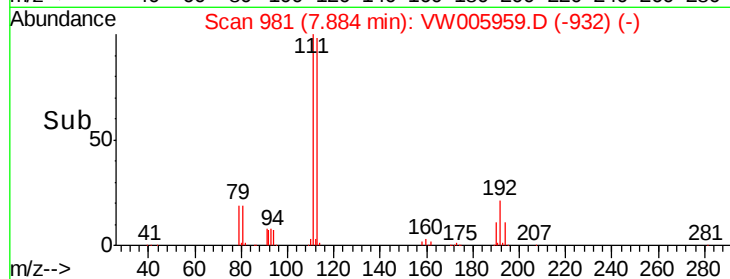
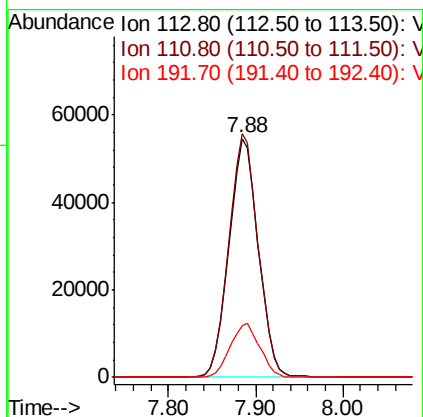
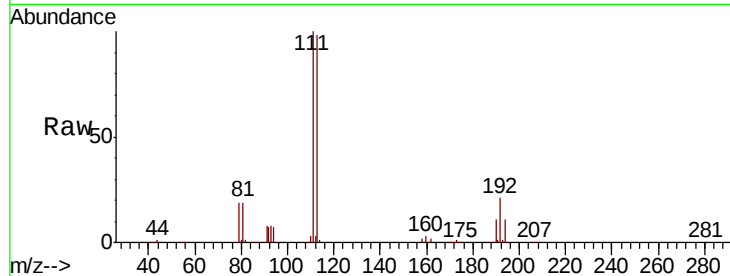




#35
 Dibromofluoromethane
 Concen: 56.823 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW005959.D
 Acq: 10 Oct 2018 00:57

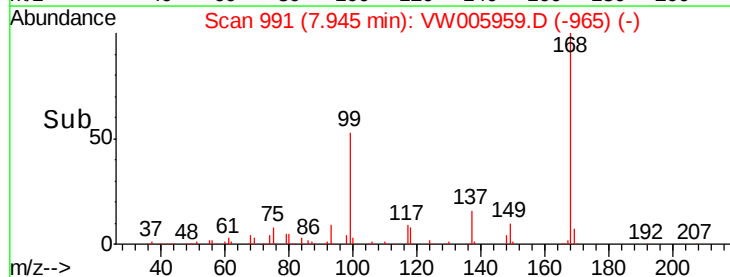
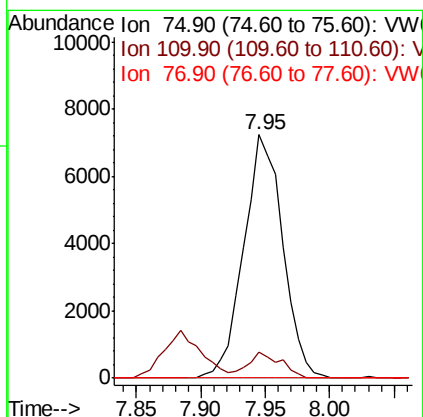
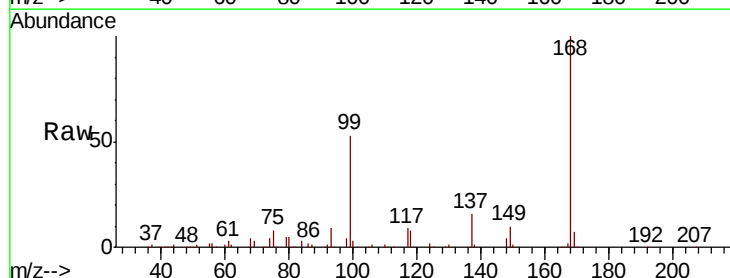
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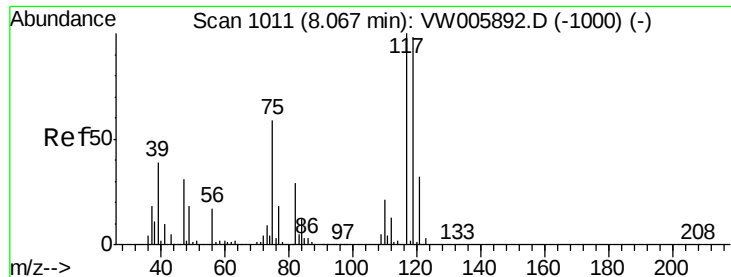
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.0	123.0
192	22.7	18.3	27.5



#36
 1,1-Dichloropropene
 Concen: 4.520 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW005959.D
 Acq: 10 Oct 2018 00:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.6	56.0#
77	0.0	24.7	37.1#

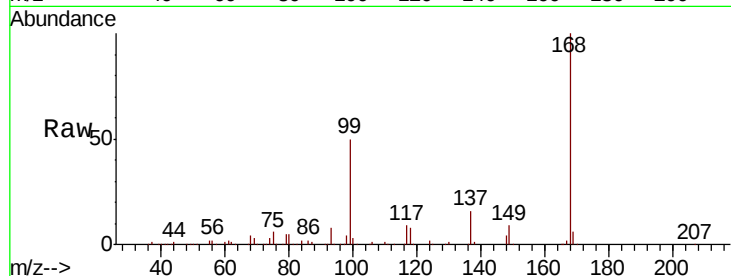




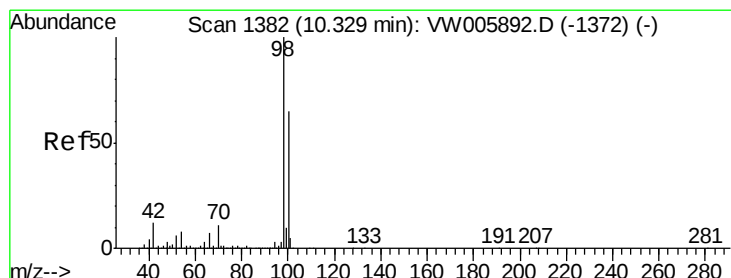
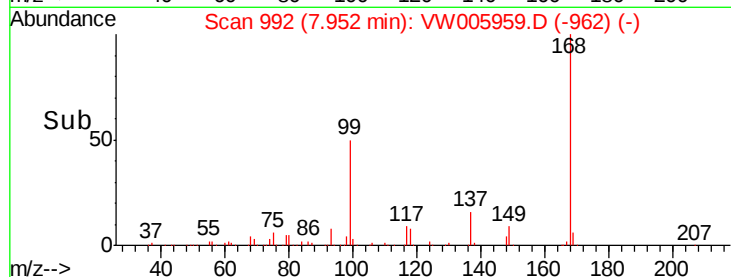
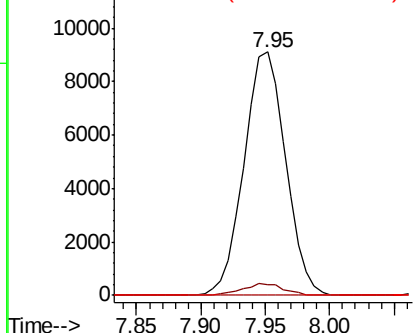
#38
Carbon Tetrachloride
Concen: 5.642 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW005959.D
Acq: 10 Oct 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
FL-PH-1-STONE

Tgt Ion: 117 Resp: 20370
Ion Ratio Lower Upper
117 100
119 4.6 78.6 117.8#
121 0.0 25.3 37.9#

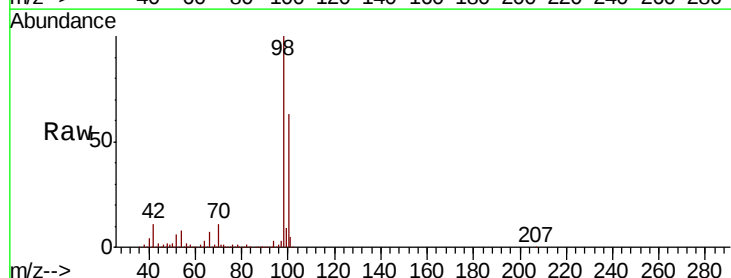


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

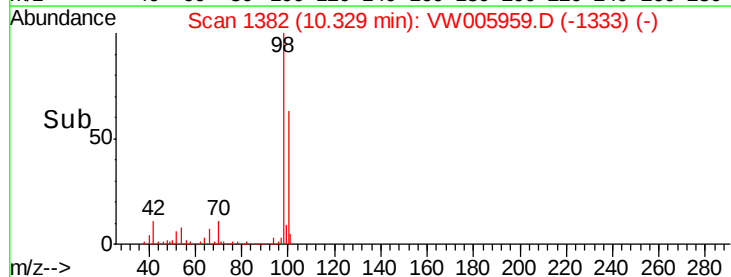
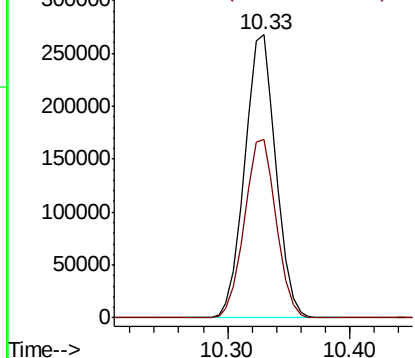


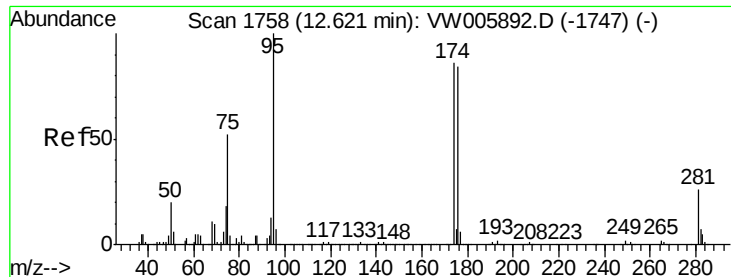
#50
Toluene-d8
Concen: 54.969 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005959.D
Acq: 10 Oct 2018 00:57

Tgt Ion: 98 Resp: 473517
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

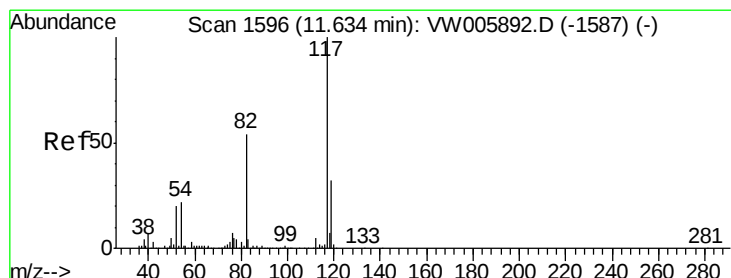
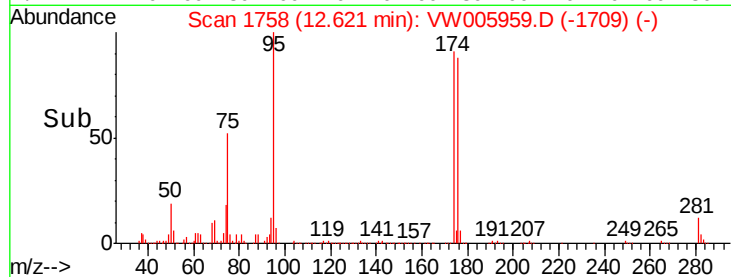
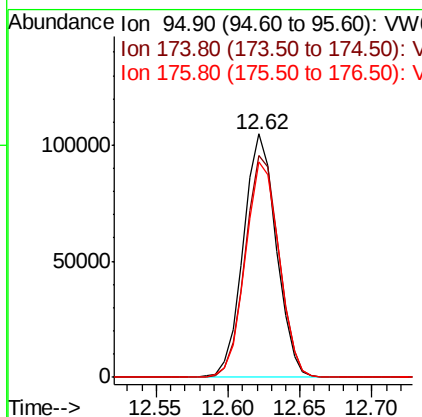
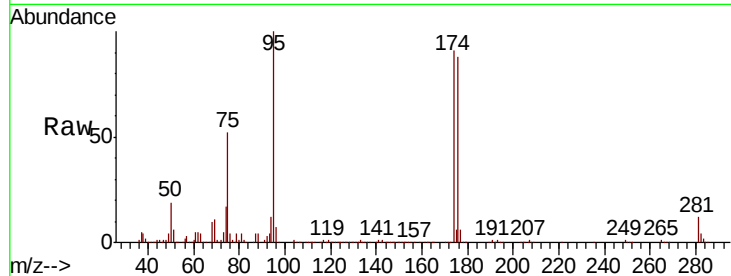




#62
4-Bromofluorobenzene
Concen: 50.173 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005959.D
Acq: 10 Oct 2018 00:57

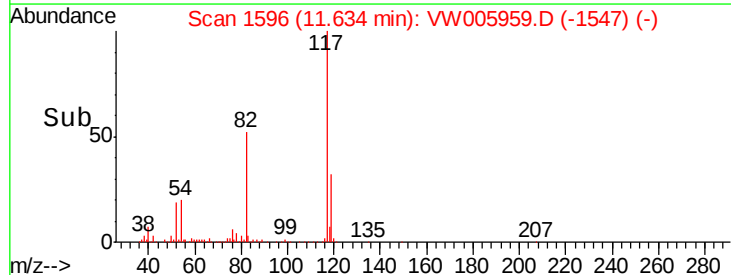
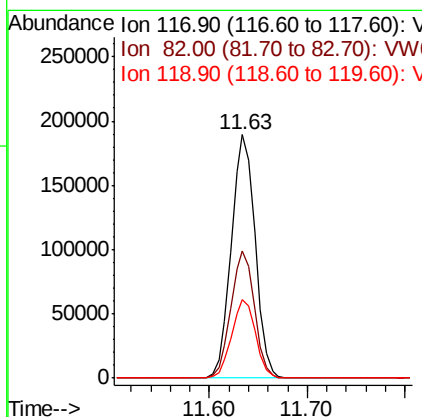
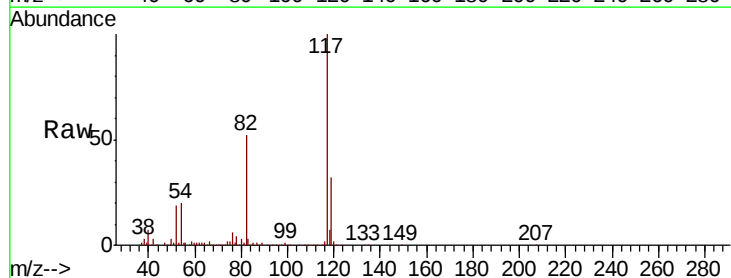
Instrument :
MSVOA_W
ClientSampled :
FL-PH-1-STONE

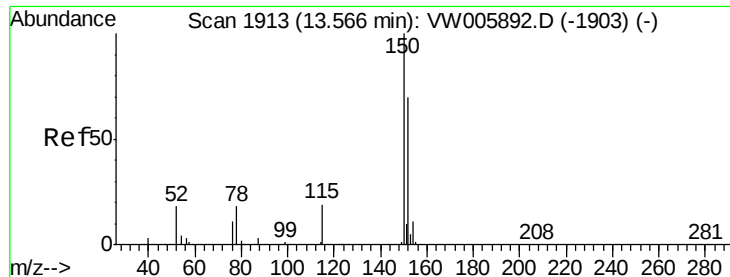
Tgt Ion: 95 Resp: 164436
Ion Ratio Lower Upper
95 100
174 93.7 0.0 176.4
176 91.4 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005959.D
Acq: 10 Oct 2018 00:57

Tgt Ion: 117 Resp: 319268
Ion Ratio Lower Upper
117 100
82 52.1 43.5 65.3
119 32.2 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: VW005959.D

Acq: 10 Oct 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

FL-PH-1-STONE

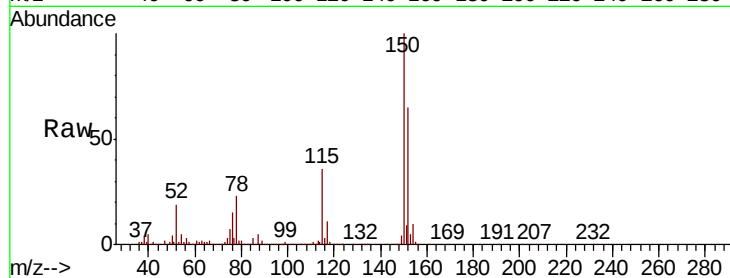
Tgt Ion: 152 Resp: 157933

Ion Ratio Lower Upper

152 100

115 55.0 28.3 85.0

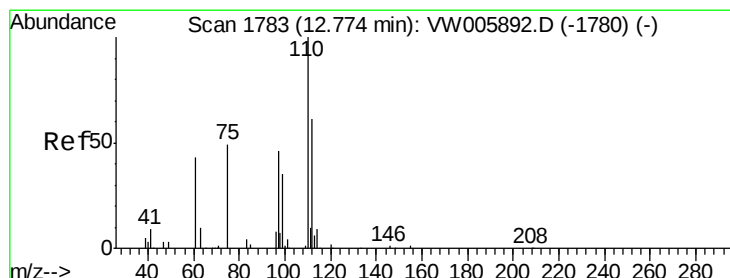
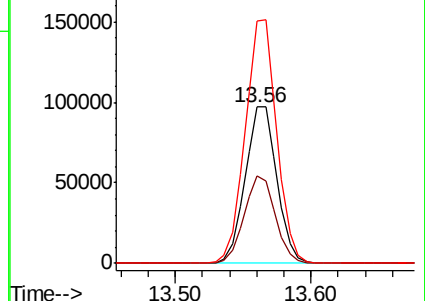
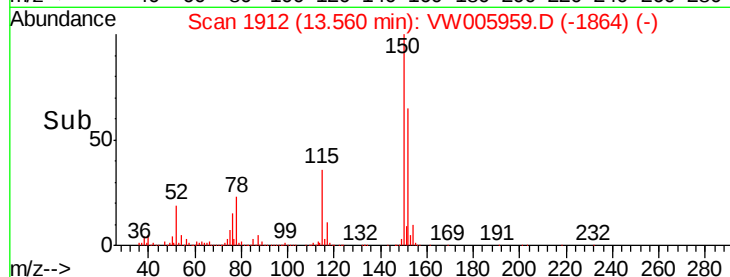
150 155.0 0.0 349.2



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: 59.289 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005959.D

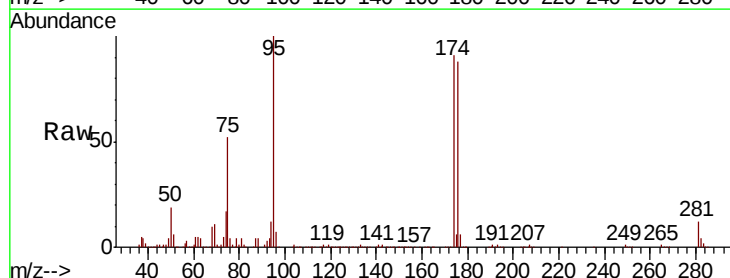
Acq: 10 Oct 2018 00:57

Tgt Ion: 75 Resp: 83643

Ion Ratio Lower Upper

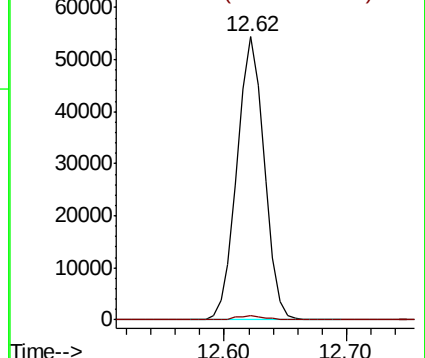
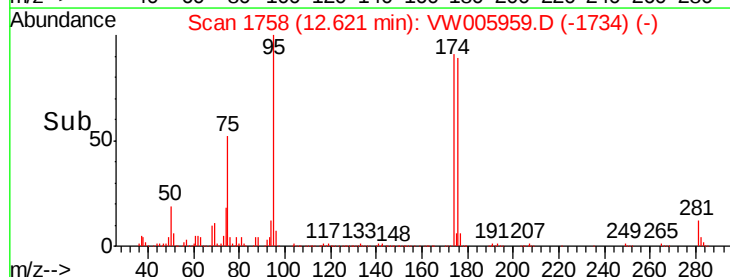
75 100

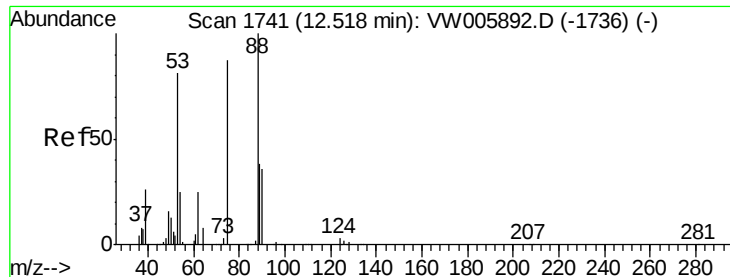
77 1.4 0.0 0.0#



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: 125.165 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005959.D

Acq: 10 Oct 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

FL-PH-1-STONE

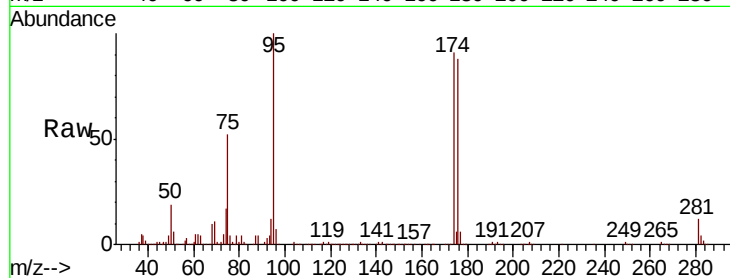
Tgt Ion: 75 Resp: 83643

Ion Ratio Lower Upper

75 100

53 0.1 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

