

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092618\
 Data File : VW005678.D
 Acq On : 27 Sep 2018 02:19
 Operator : VA/AP
 Sample : J5100-01
 Misc : 5.01G/5ML/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HS-STONE-RO-227

Quant Time: Sep 27 06:58:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	33921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	56918	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	50521	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	17785	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	33767	84.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	169.00%	
35) Dibromofluoromethane	7.89	113	23874	66.70	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	133.40%	
50) Toluene-d8	10.33	98	69444	47.65	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.30%	
62) 4-Bromofluorobenzene	12.62	95	20085	37.24	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	74.48%	

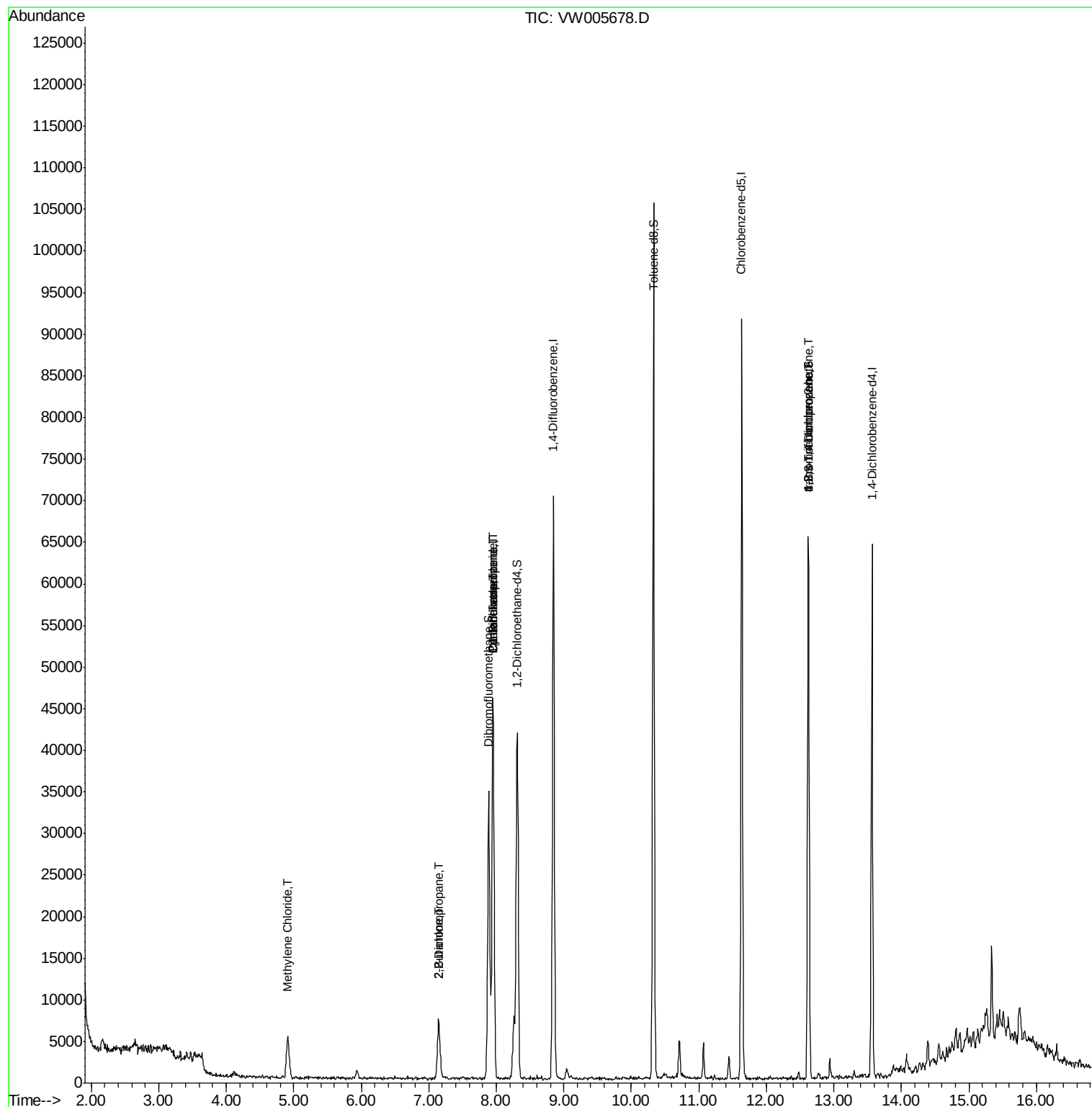
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	4.09	56	26	Below Cal	#	13
16) Acetone	4.13	43	542	Below Cal	#	67
20) Methylene Chloride	4.92	84	3673	7.309	ug/l #	90
25) 2-Butanone	7.16	43	354	3.647	ug/l #	50
26) 2,2-Dichloropropane	7.16	77	486	1.077	ug/l #	54
31) Cyclohexane	7.96	56	862	1.391	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	2589	4.519	ug/l #	53
38) Carbon Tetrachloride	7.95	117	3426	5.580	ug/l #	21
76) 1,2,3-Trichloropropane	12.62	75	10237	67.524	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	10237	152.085	ug/l #	7

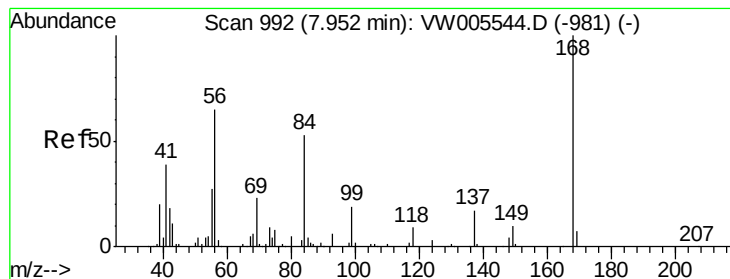
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW092618\
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QLast Update : Fri Sep 21 09:05:42 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: VW005678.D

Acq: 27 Sep 2018 02:19

Instrument :

MSVOA_W

ClientSampleId :

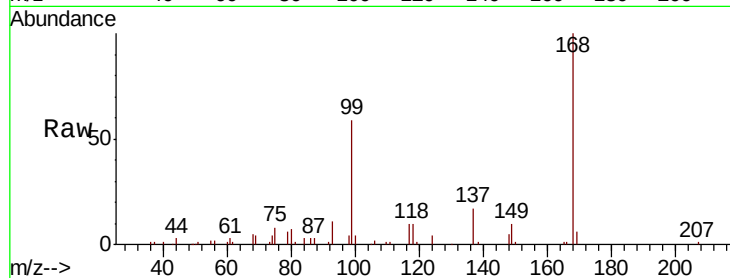
HS-STONE-RO-227

Tgt Ion:168 Resp: 33921

Ion Ratio Lower Upper

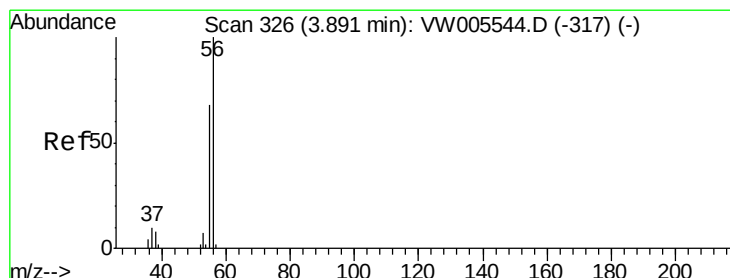
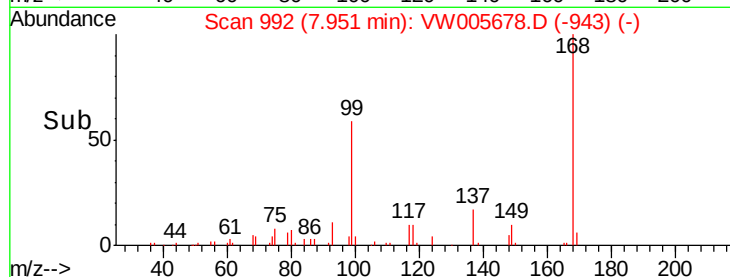
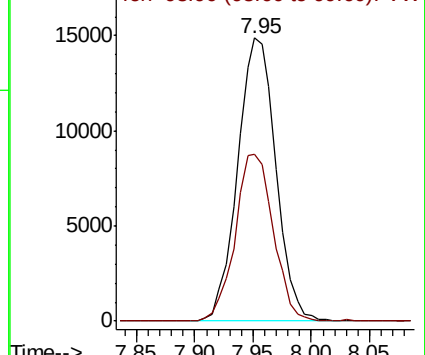
168 100

99 58.9 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#13

Acrolein

Concen: Below Cal

RT: 4.09 min Scan# 358

Delta R.T. 0.20 min

Lab File: VW005678.D

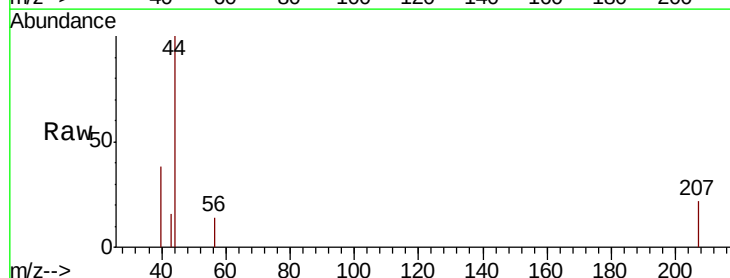
Acq: 27 Sep 2018 02:19

Tgt Ion: 56 Resp: 26

Ion Ratio Lower Upper

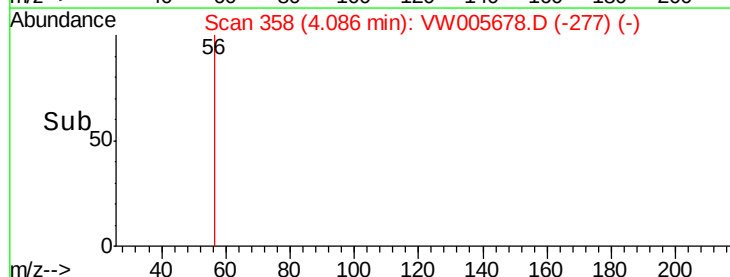
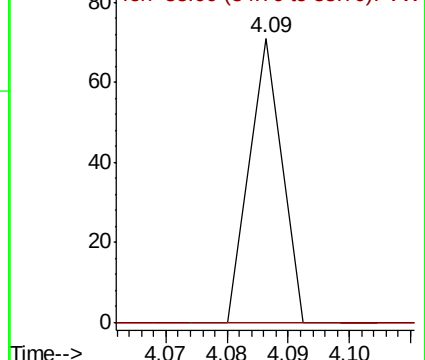
56 100

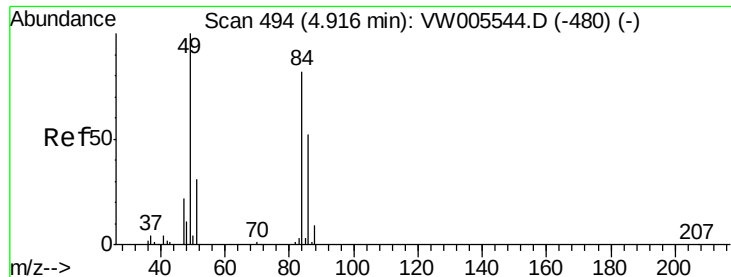
55 0.0 57.8 86.8#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

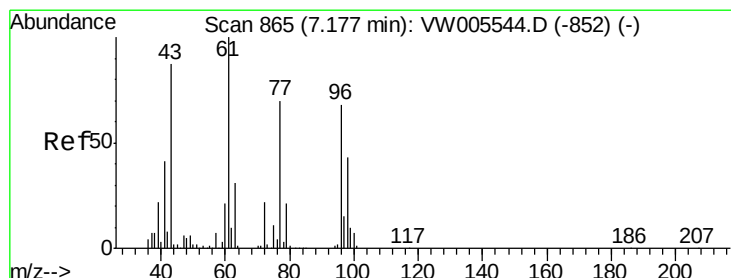
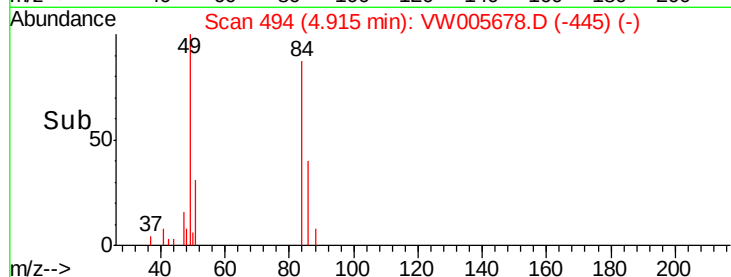
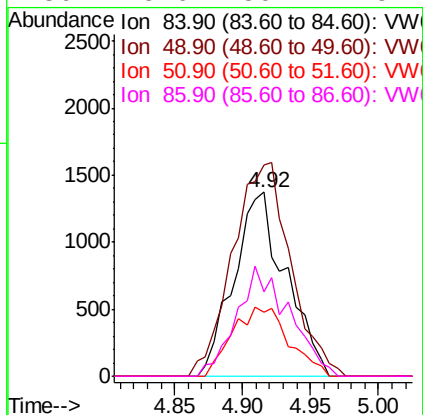
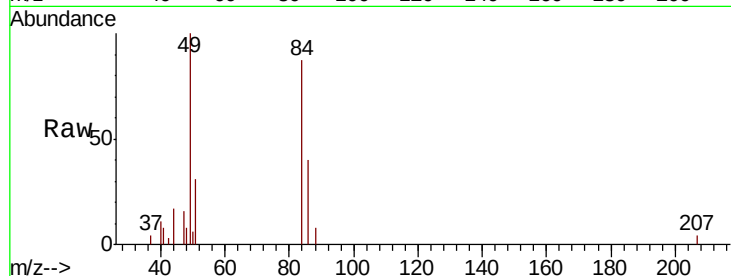




#20
Methylene Chloride
Concen: 7.309 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW005678.D
Acq: 27 Sep 2018 02:19

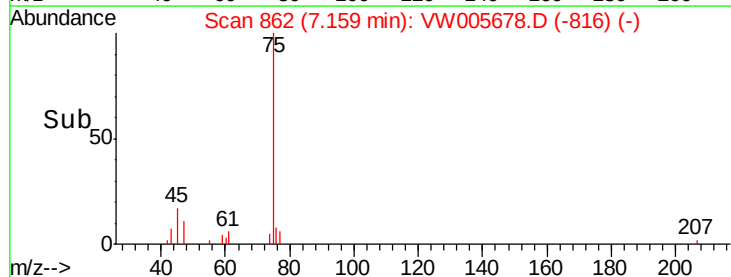
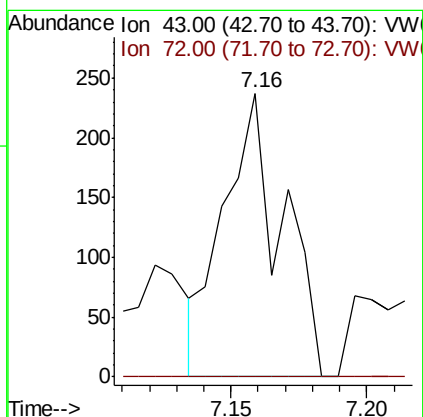
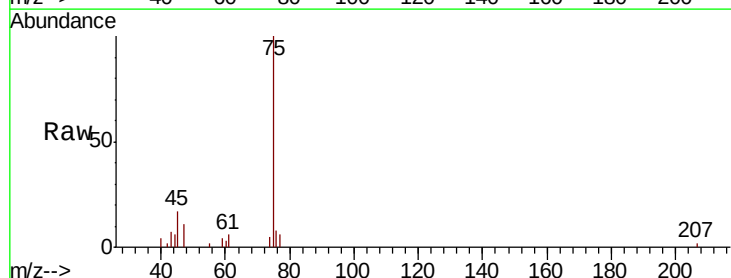
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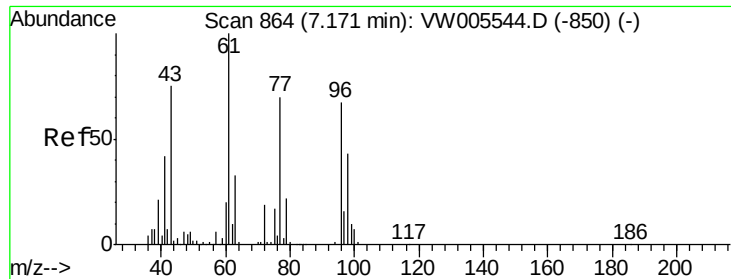
Tgt Ion: 84 Resp: 3673
Ion Ratio Lower Upper
84 100
49 114.9 97.0 145.6
51 35.1 30.2 45.2
86 45.6 50.2 75.4#



#25
2-Butanone
Concen: 3.647 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: VW005678.D
Acq: 27 Sep 2018 02:19

Tgt Ion: 43 Resp: 354
Ion Ratio Lower Upper
43 100
72 0.0 19.9 29.9#

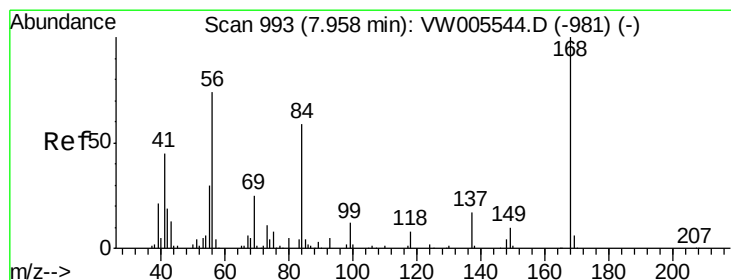
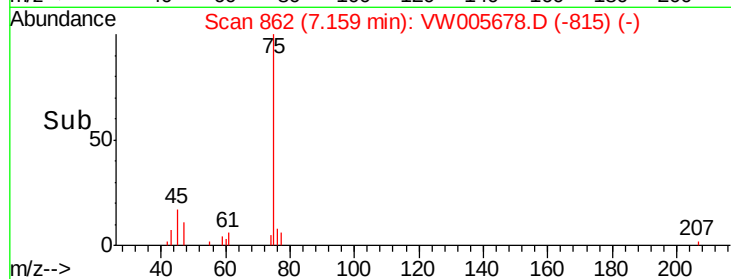
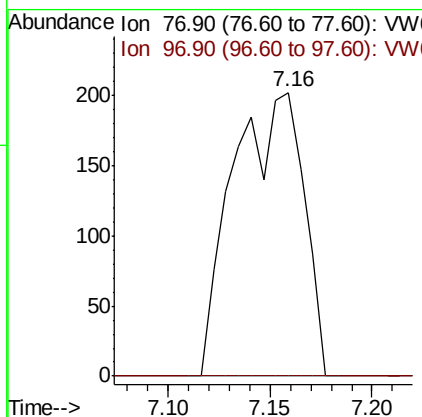
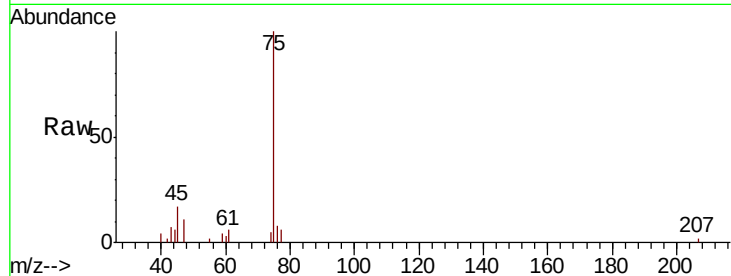




#26
 2,2-Dichloropropane
 Concen: 1.077 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VW005678.D
 Acq: 27 Sep 2018 02:19

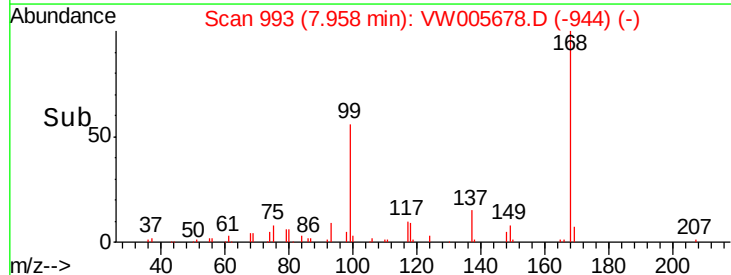
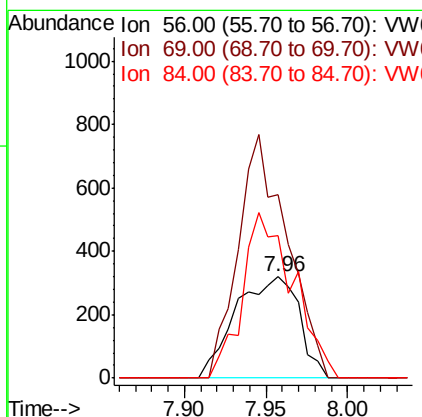
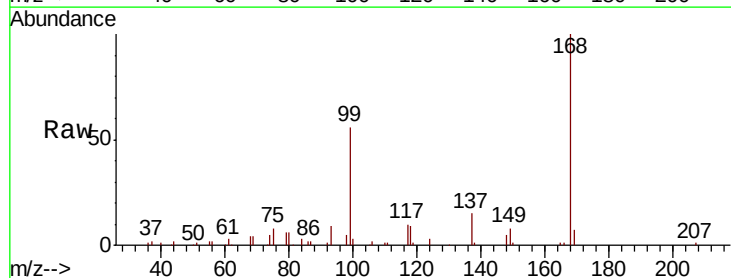
Instrument :
 MSVOA_W
 ClientSampleId :
 HS-STONE-RO-227

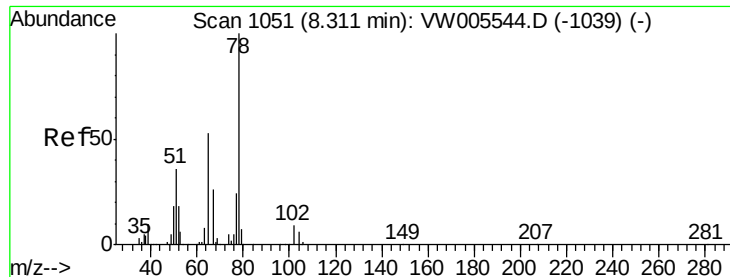
Tgt Ion: 77 Resp: 486
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.0 33.0#



#31
 Cyclohexane
 Concen: 1.391 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: VW005678.D
 Acq: 27 Sep 2018 02:19

Tgt Ion: 56 Resp: 862
 Ion Ratio Lower Upper
 56 100
 69 181.3 27.0 40.4#
 84 140.6 64.2 96.4#

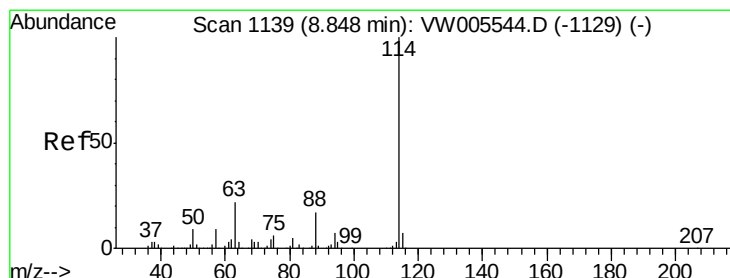
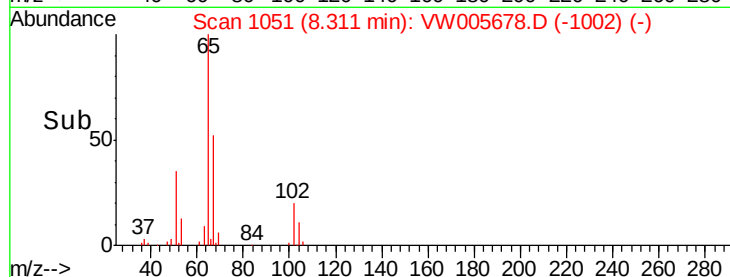
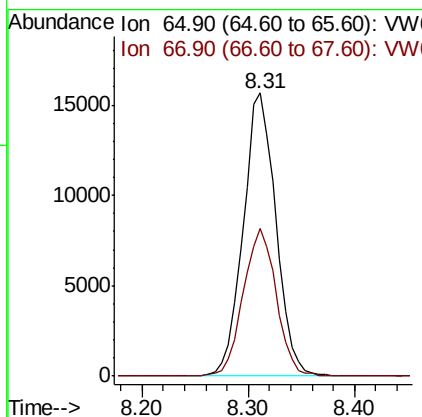
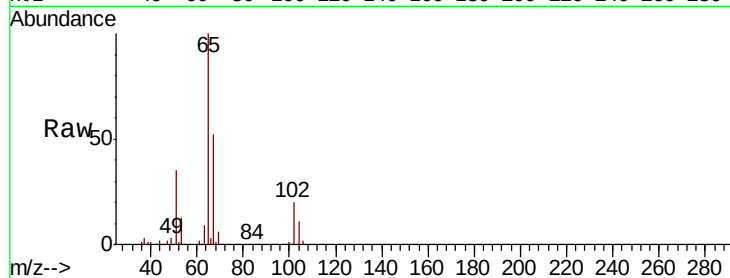




#33
 1,2-Dichloroethane-d4
 Concen: 84.499 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005678.D
 Acq: 27 Sep 2018 02:19

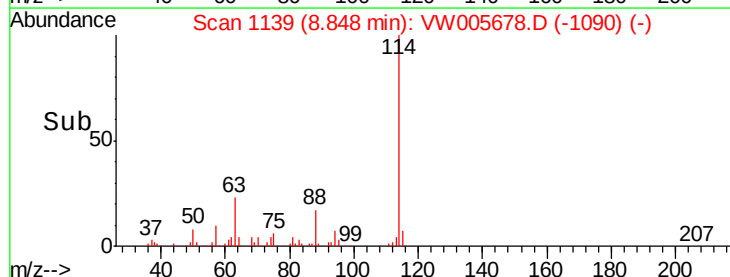
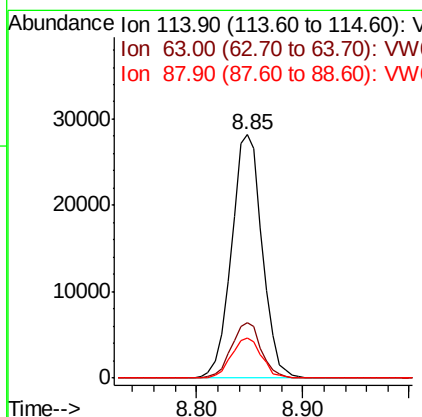
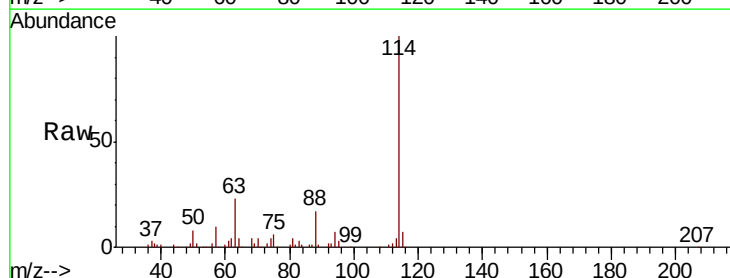
Instrument :
 MSVOA_W
 ClientSampleId :
 HS-STONE-RO-227

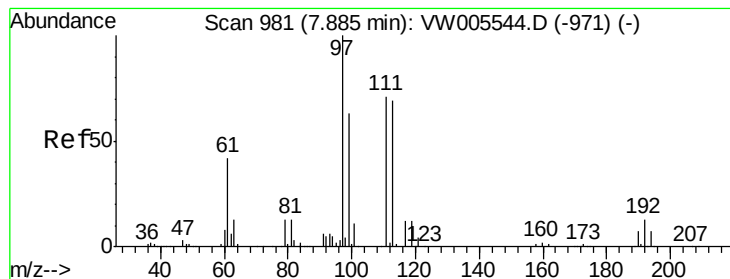
Tgt Ion: 65 Resp: 33767
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005678.D
 Acq: 27 Sep 2018 02:19

Tgt Ion: 114 Resp: 56918
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 43.0
 88 16.6 0.0 33.0





#35

Dibromofluoromethane

Concen: 66.699 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW005678.D

Acq: 27 Sep 2018 02:19

Instrument :

MSVOA_W

ClientSampleId :

HS-STONE-RO-227

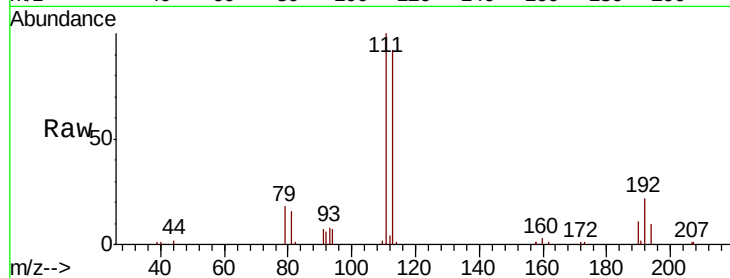
Tgt Ion:113 Resp: 23874

Ion Ratio Lower Upper

113 100

111 104.2 82.6 123.8

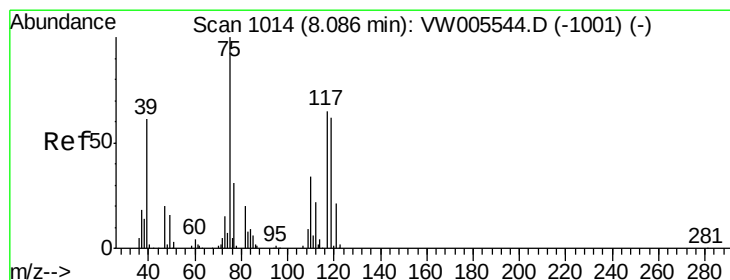
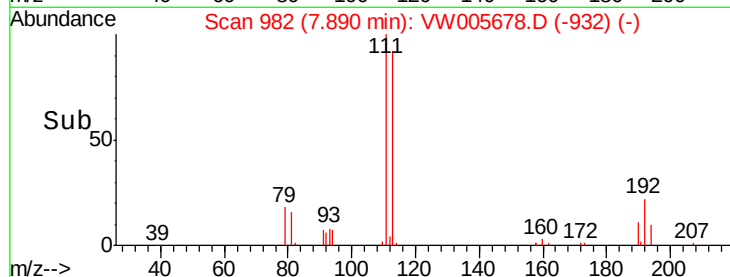
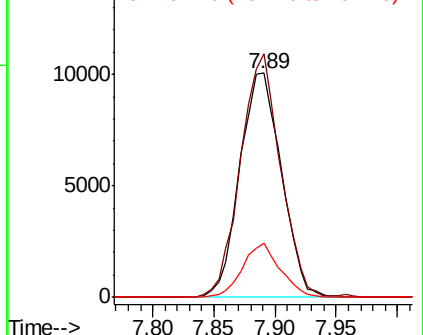
192 21.7 17.0 25.4



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: 4.519 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW005678.D

Acq: 27 Sep 2018 02:19

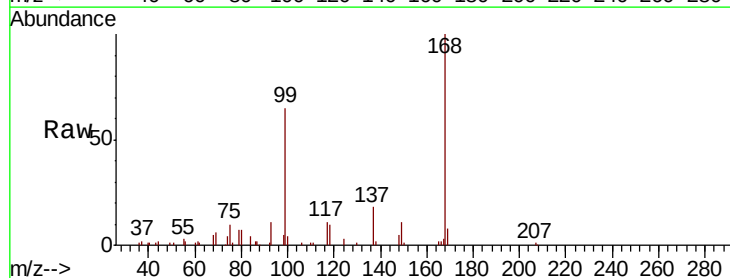
Tgt Ion: 75 Resp: 2589

Ion Ratio Lower Upper

75 100

110 11.6 17.0 50.9#

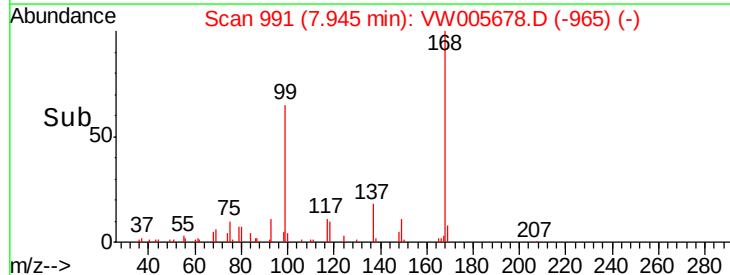
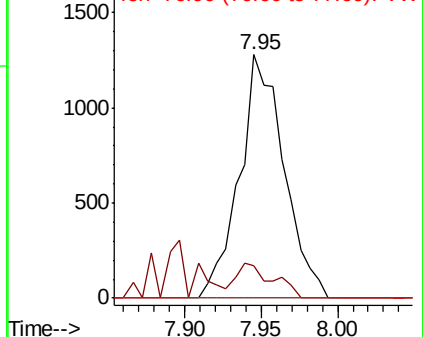
77 0.0 24.8 37.2#

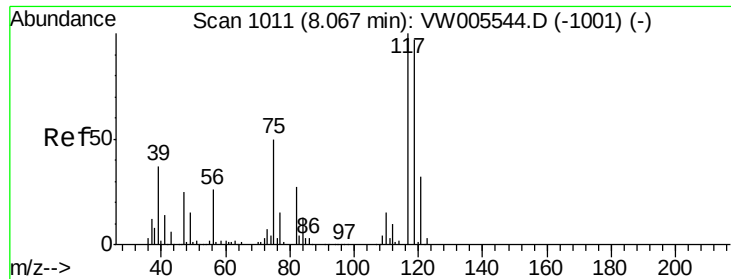


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 5.580 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW005678.D

Acq: 27 Sep 2018 02:19

Instrument :

MSVOA_W

ClientSampleId :

HS-STONE-RO-227

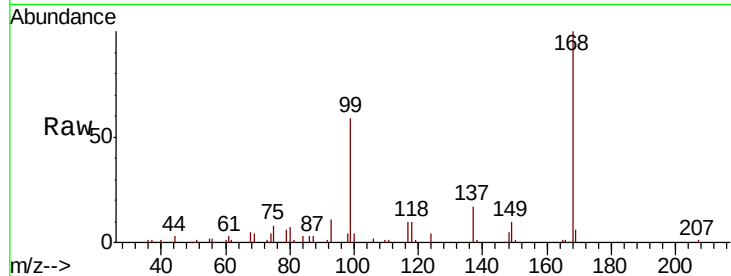
Tgt Ion:117 Resp: 3426

Ion Ratio Lower Upper

117 100

119 12.0 77.6 116.4#

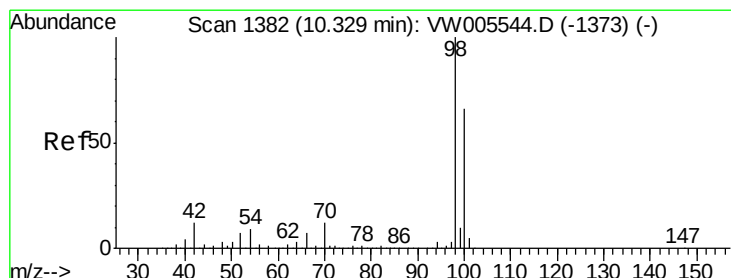
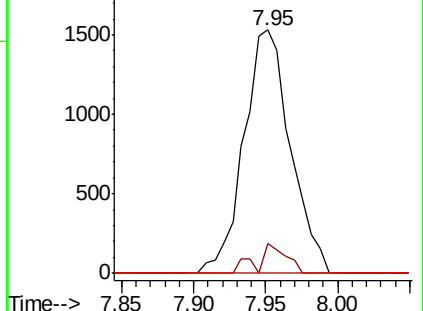
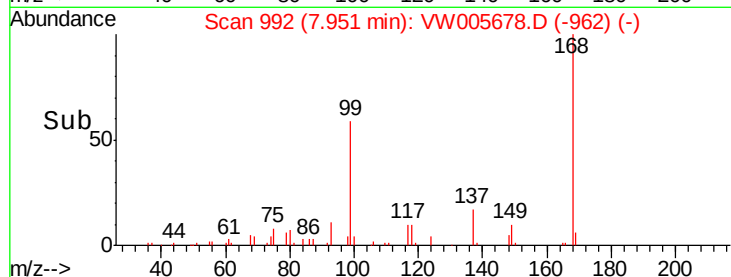
121 0.0 25.7 38.5#



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: 47.648 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005678.D

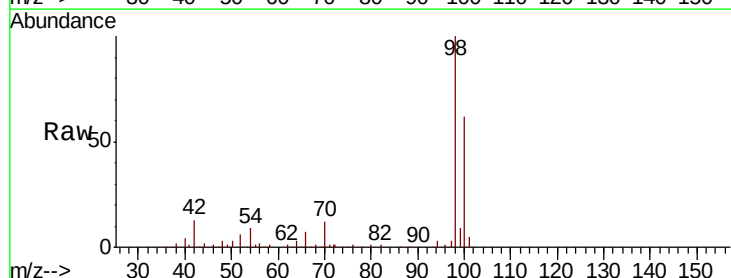
Acq: 27 Sep 2018 02:19

Tgt Ion: 98 Resp: 69444

Ion Ratio Lower Upper

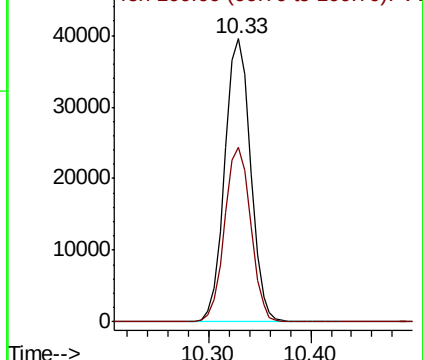
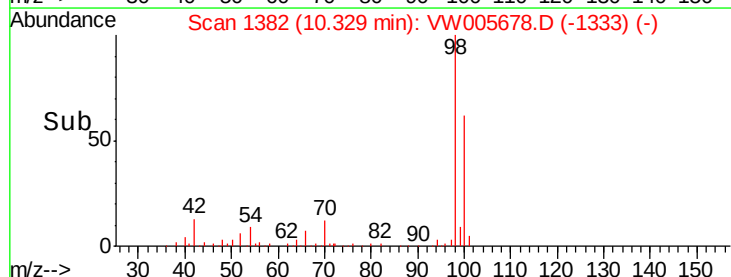
98 100

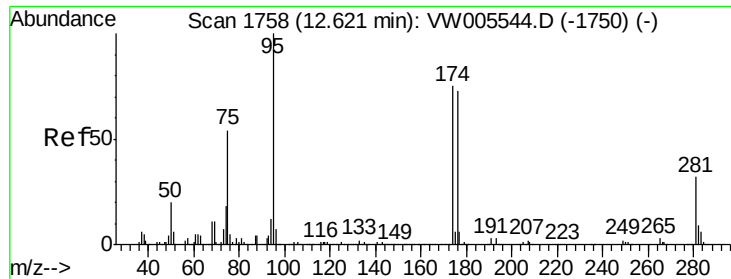
100 62.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

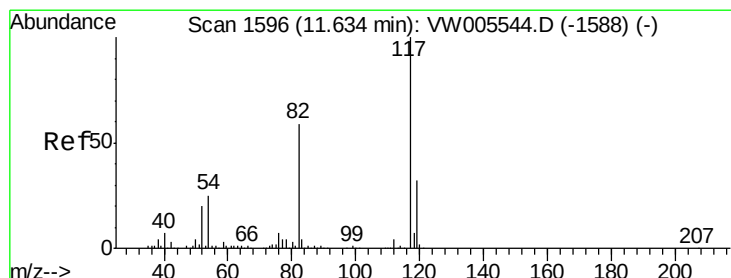
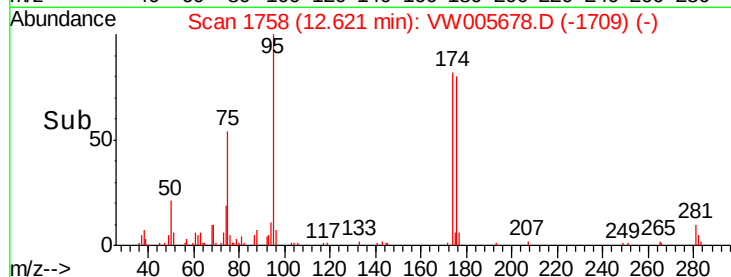
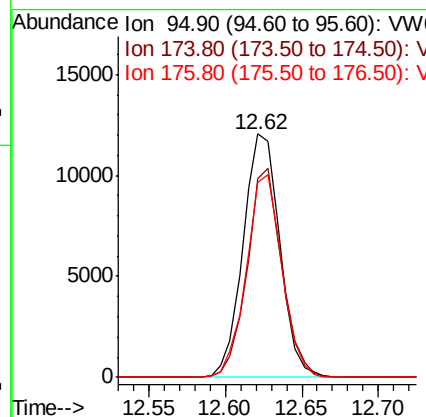
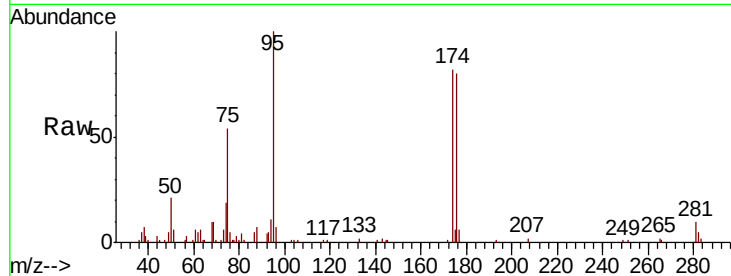




#62
4-Bromofluorobenzene
Concen: 37.244 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005678.D
Acq: 27 Sep 2018 02:19

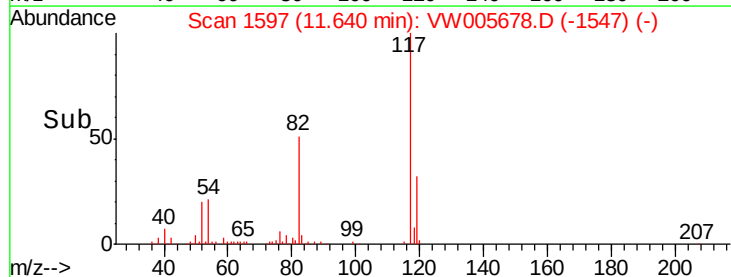
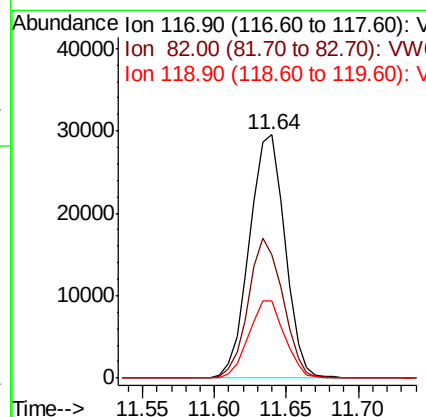
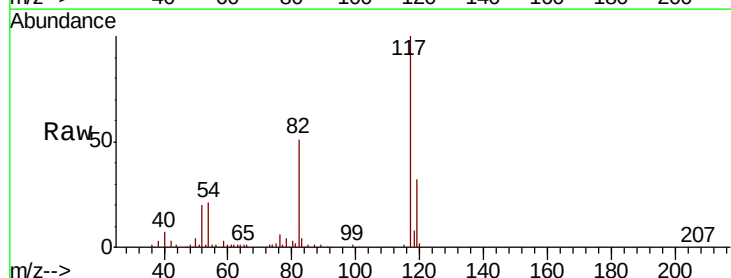
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MSVOA_W
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HS-STONE-RO-227

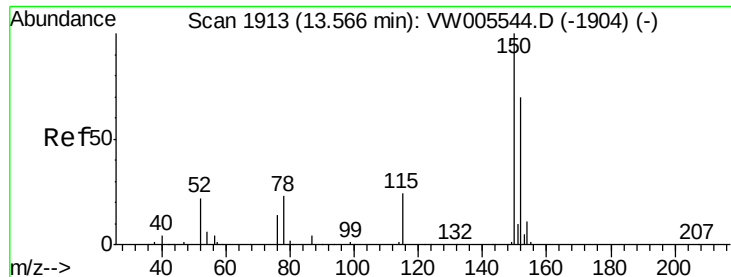
Tgt Ion: 95 Resp: 20085
Ion Ratio Lower Upper
95 100
174 81.1 0.0 163.8
176 81.0 0.0 158.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW005678.D
Acq: 27 Sep 2018 02:19

Tgt Ion: 117 Resp: 50521
Ion Ratio Lower Upper
117 100
82 50.9 46.9 70.3
119 31.6 25.7 38.5

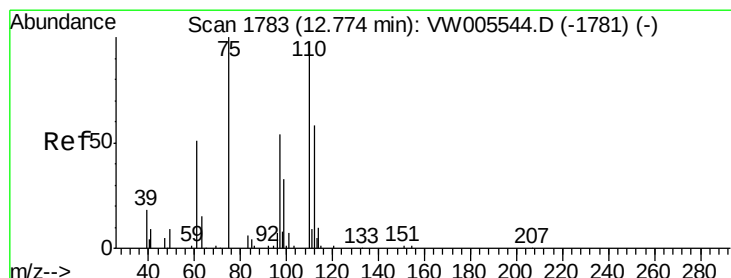
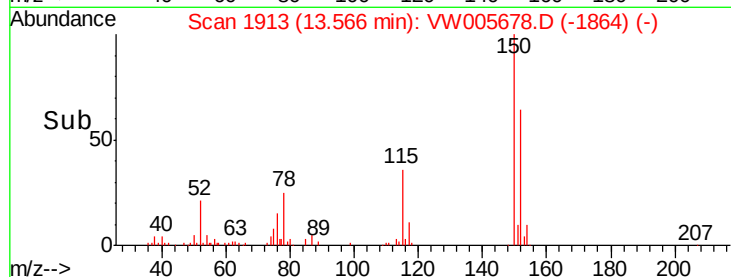
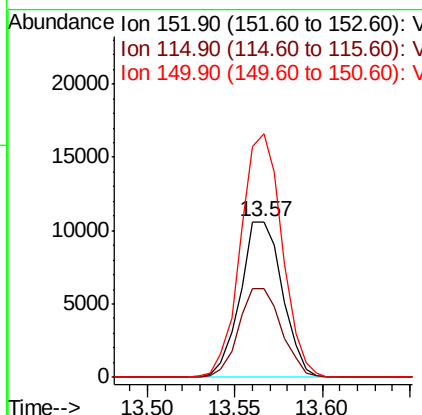
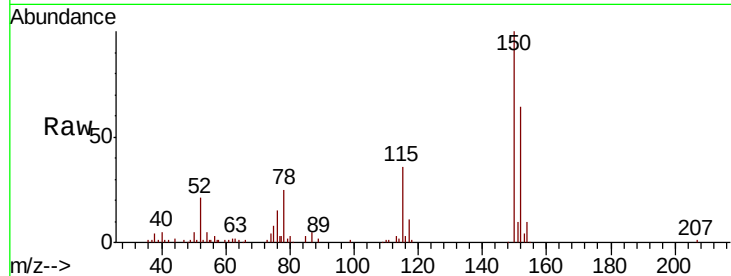




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. -0.00 min
 Lab File: VW005678.D
 Acq: 27 Sep 2018 02:19

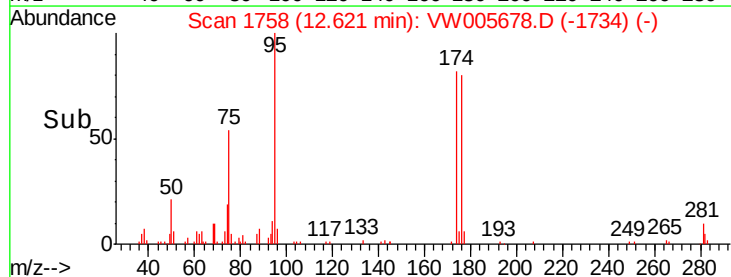
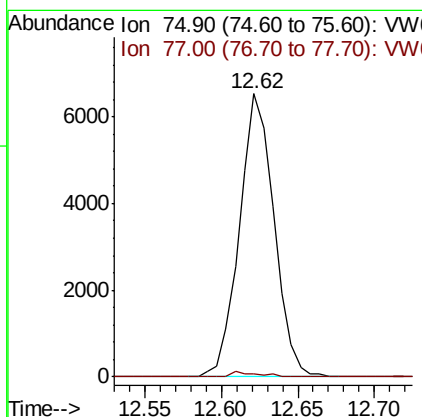
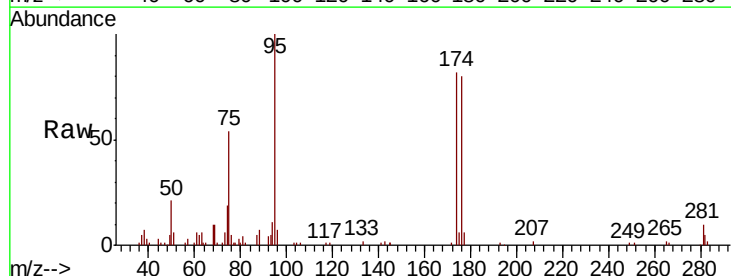
Instrument :
 MSVOA_W
 ClientSampleId :
 HS-STONE-RO-227

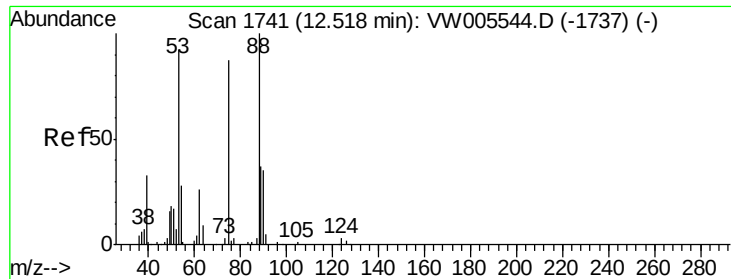
Tgt Ion:152 Resp: 17785
 Ion Ratio Lower Upper
 152 100
 115 57.5 30.0 90.0
 150 153.5 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 67.524 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW005678.D
 Acq: 27 Sep 2018 02:19

Tgt Ion: 75 Resp: 10237
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 152.085 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW005678.D
 Acq: 27 Sep 2018 02:19

Instrument :
 MSVOA_W
 ClientSampleId :
 HS-STONE-RO-227

Tgt Ion: 75 Resp: 10237
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.8 128.6#
 89 0.2 37.3 55.9#

