

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082919\
 Data File : VW012325.D
 Acq On : 30 Aug 2019 01:58
 Operator : SY/VA
 Sample : K4568-09
 Misc : 5.10G/5ML/MSVOA_W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-18-6.5-7.0

Quant Time: Aug 30 06:55:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

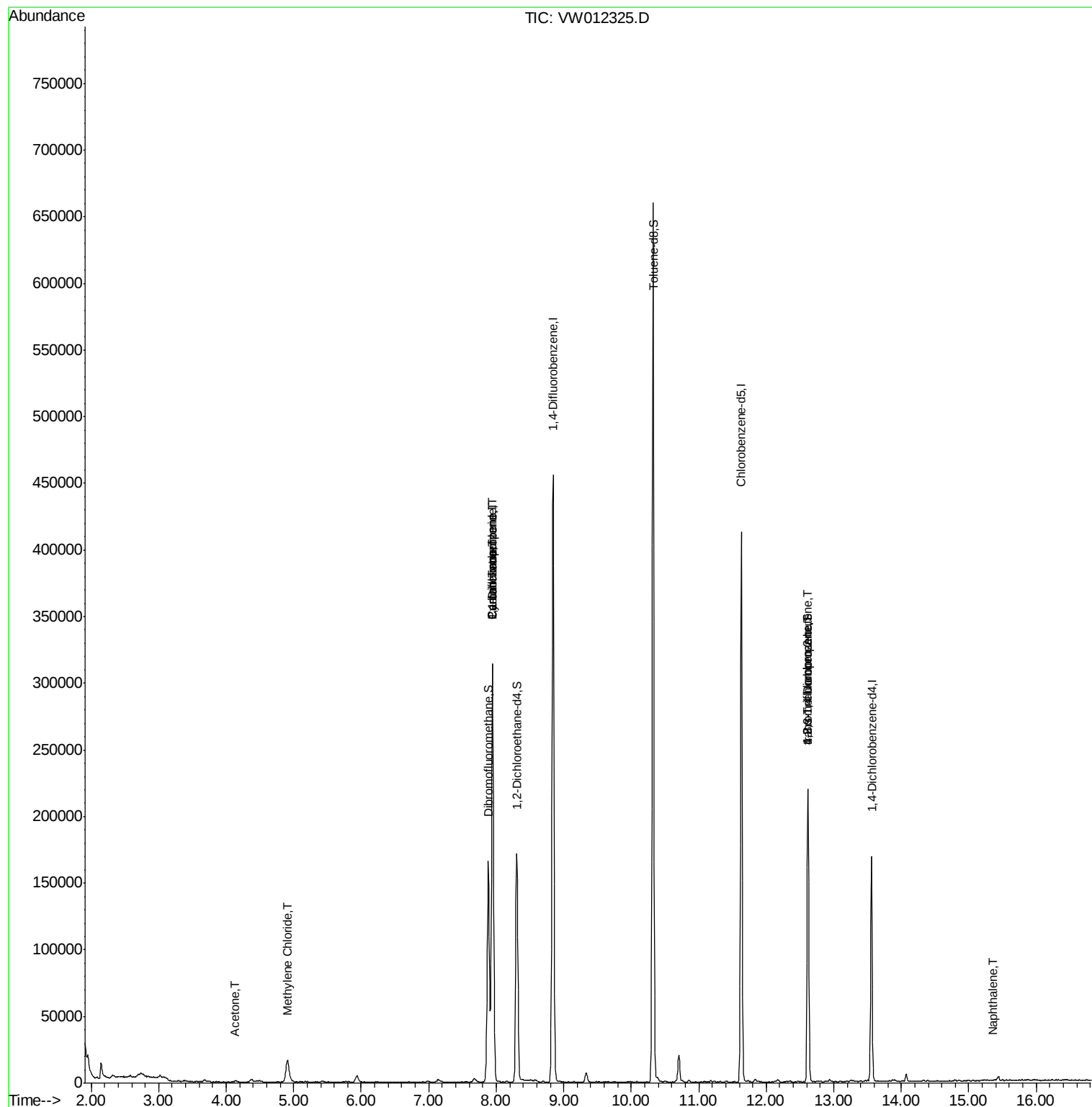
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	225996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	363399	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	216485	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	43088	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	138089	51.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.80%	
35) Dibromofluoromethane	7.88	113	118370	54.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.14%	
50) Toluene-d8	10.32	98	410091	46.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.26%	
62) 4-Bromofluorobenzene	12.62	95	70440	22.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	45.44%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	1767	2.573	ug/l	91
20) Methylene Chloride	4.92	84	11662	4.492	ug/l	95
31) Cyclohexane	7.94	56	6231	1.288	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	19481	5.188	ug/l #	51
38) Carbon Tetrachloride	7.95	117	22936	7.057	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	37146	88.517	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	37146	194.078	ug/l #	6
95) Naphthalene	15.36	128	419	4.557	ug/l #	69

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012325.D

Acq: 30 Aug 2019 01:58

Instrument :

MSVOA_W

ClientSampleId :

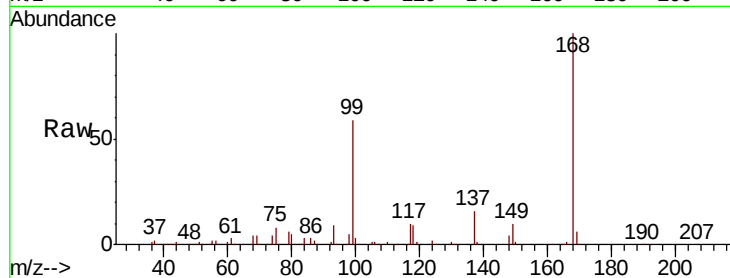
SB-18-6.5-7.0

Tgt Ion:168 Resp: 225996

Ion Ratio Lower Upper

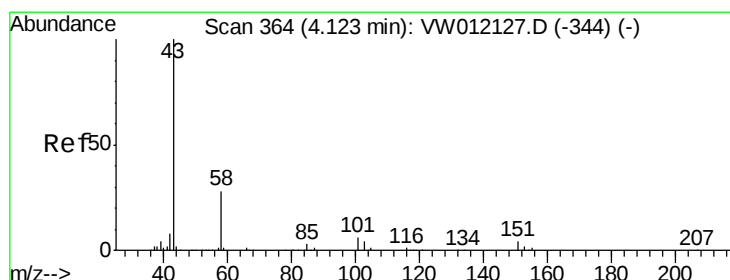
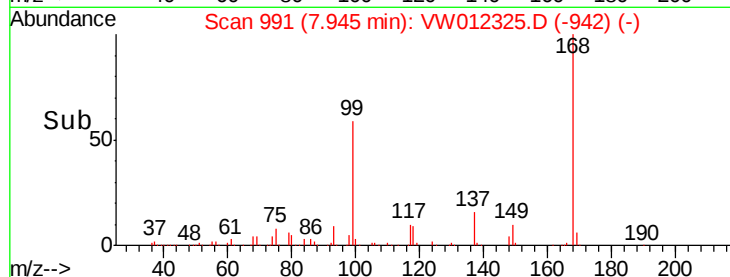
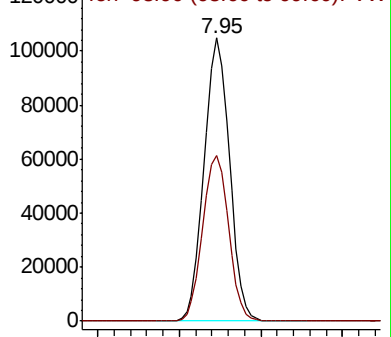
168 100

99 58.5 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 2.573 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW012325.D

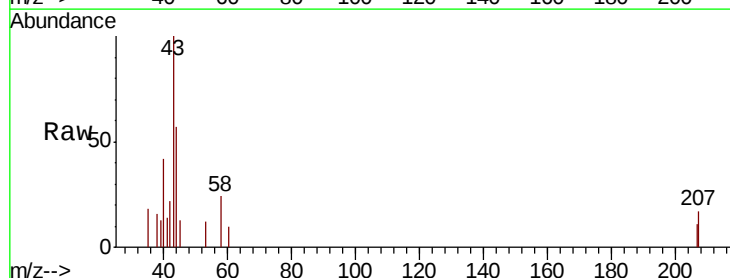
Acq: 30 Aug 2019 01:58

Tgt Ion: 43 Resp: 1767

Ion Ratio Lower Upper

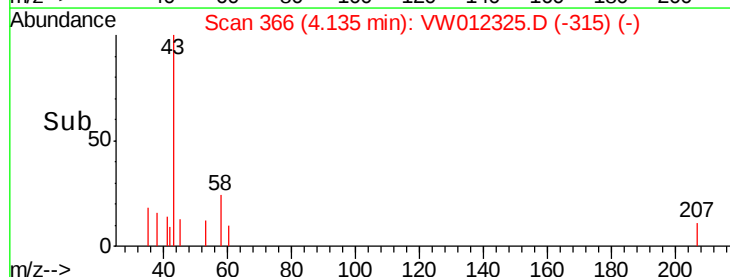
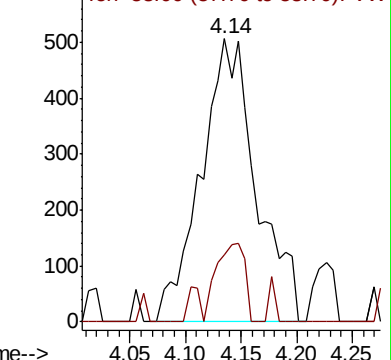
43 100

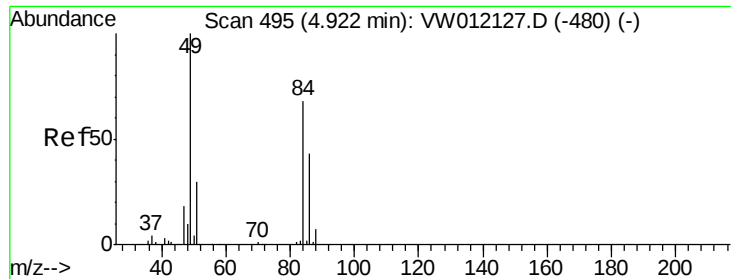
58 23.5 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

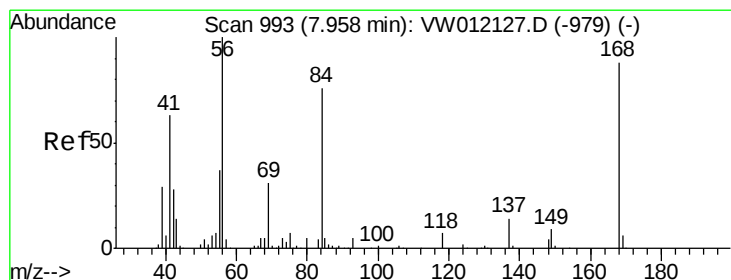
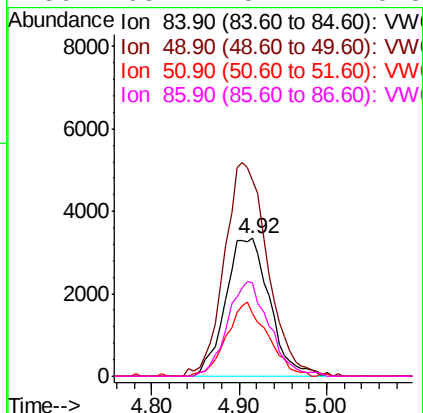
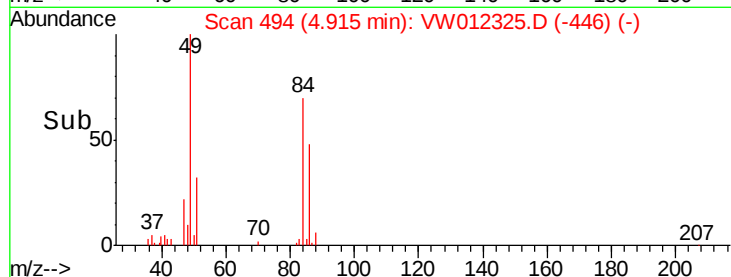
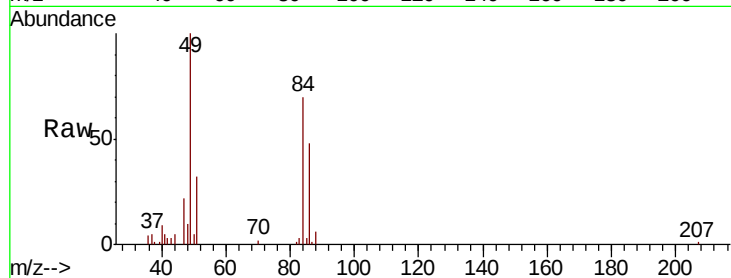




#20
Methylene Chloride
Concen: 4.492 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012325.D
Acq: 30 Aug 2019 01:58

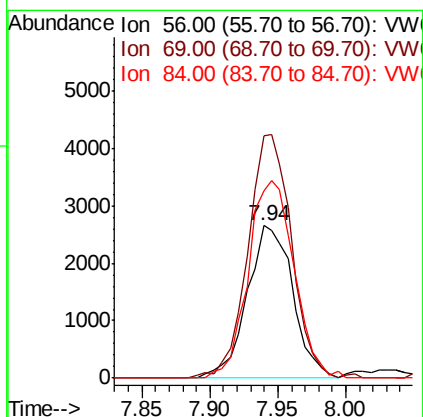
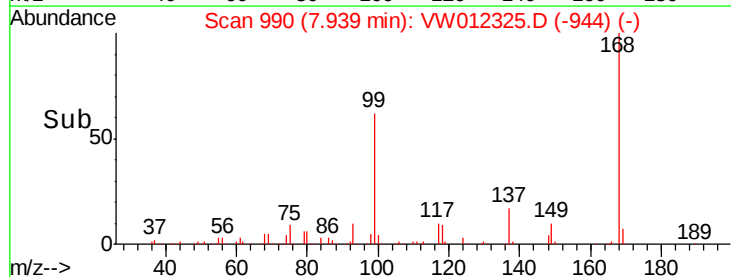
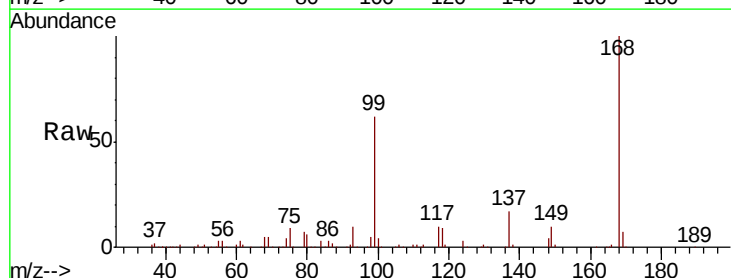
Instrument :
MSVOA_W
ClientSampleId :
SB-18-6.5-7.0

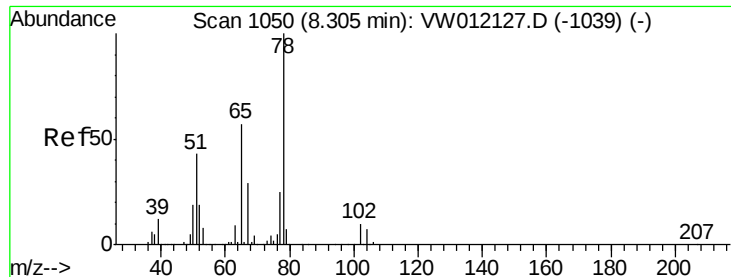
Tgt Ion:	84	Resp:	11662
Ion	Ratio	Lower	Upper
84	100		
49	140.3	117.8	176.8
51	45.7	35.6	53.4
86	68.1	51.2	76.8



#31
Cyclohexane
Concen: 1.288 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.02 min
Lab File: VW012325.D
Acq: 30 Aug 2019 01:58

Tgt Ion:	56	Resp:	6231
Ion	Ratio	Lower	Upper
56	100		
69	159.3	24.9	37.3#
84	122.8	60.6	90.8#

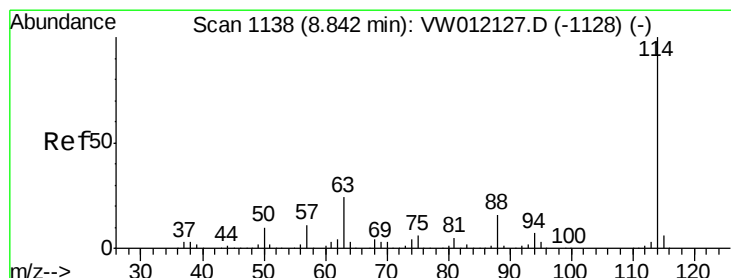
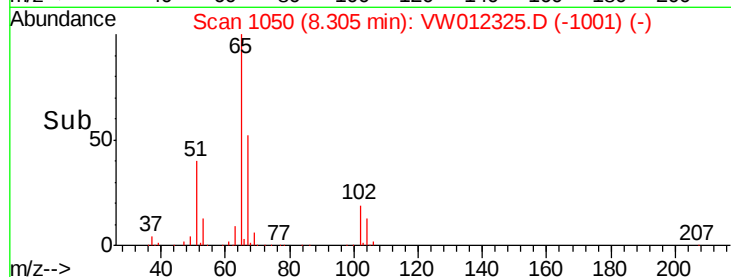
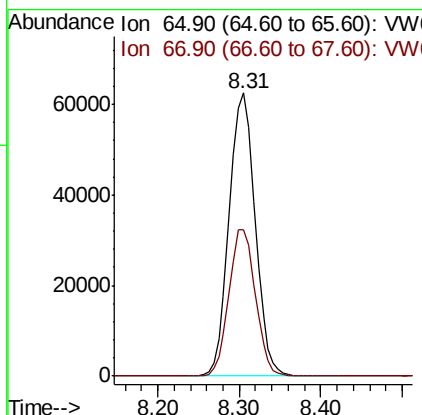
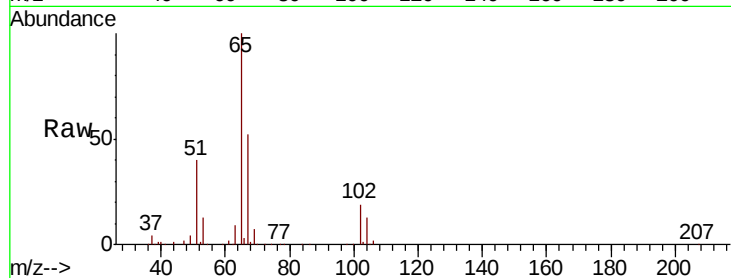




#33
 1,2-Dichloroethane-d4
 Concen: 51.400 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012325.D
 Acq: 30 Aug 2019 01:58

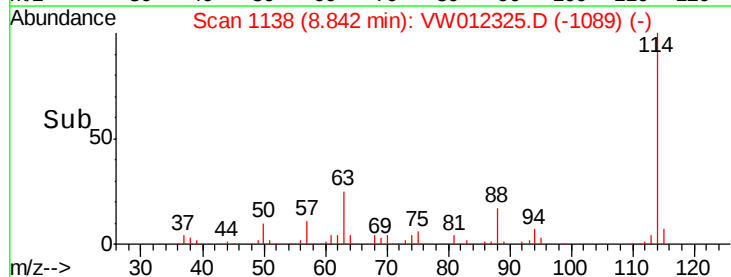
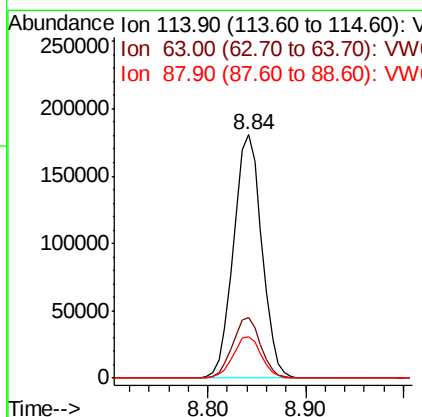
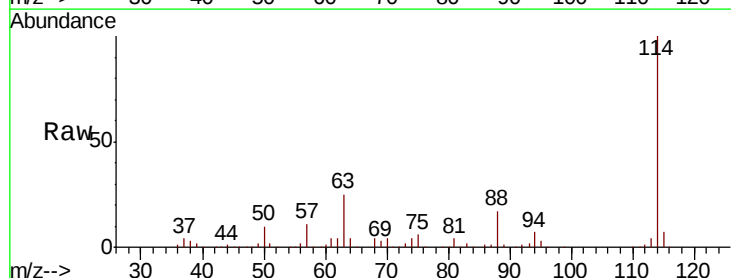
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-18-6.5-7.0

Tgt Ion: 65 Resp: 138089
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012325.D
 Acq: 30 Aug 2019 01:58

Tgt Ion: 114 Resp: 363399
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 48.6
 88 16.9 0.0 32.2

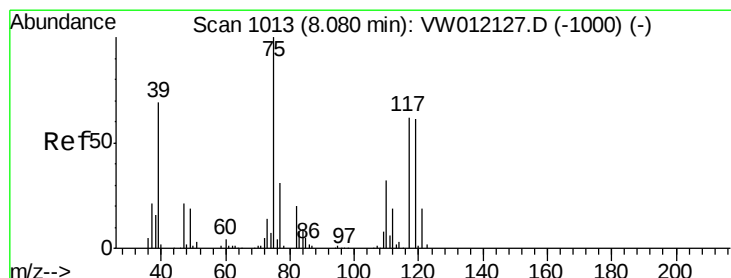
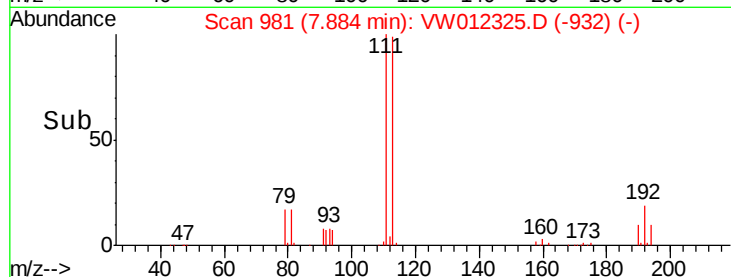
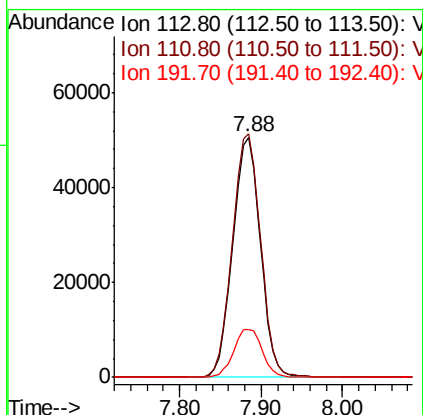
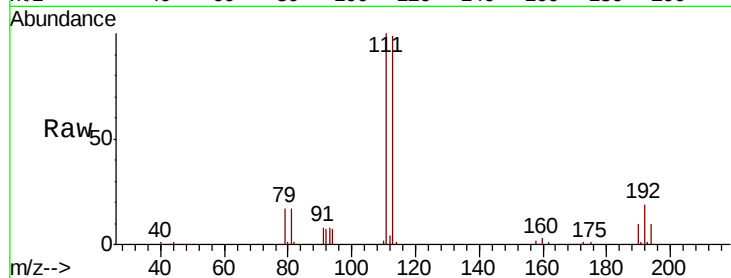




#35
 Dibromofluoromethane
 Concen: 54.570 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012325.D
 Acq: 30 Aug 2019 01:58

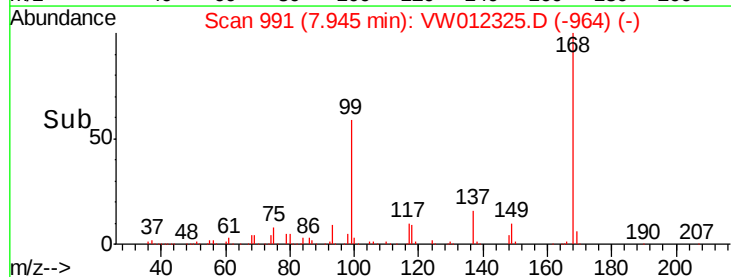
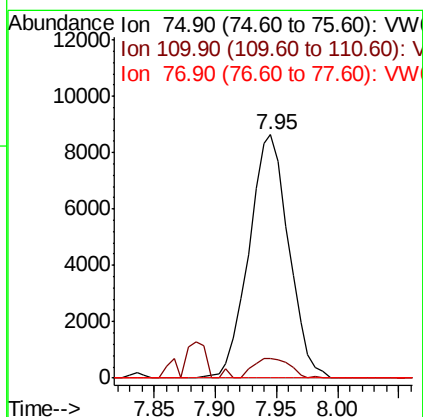
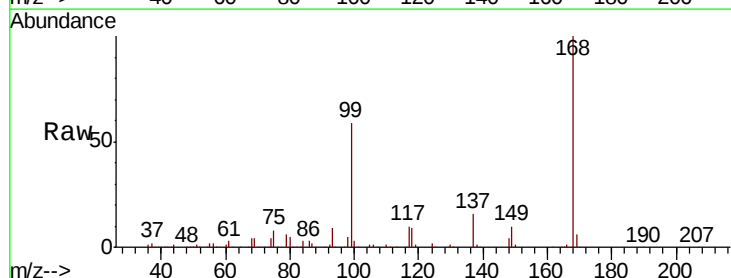
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-18-6.5-7.0

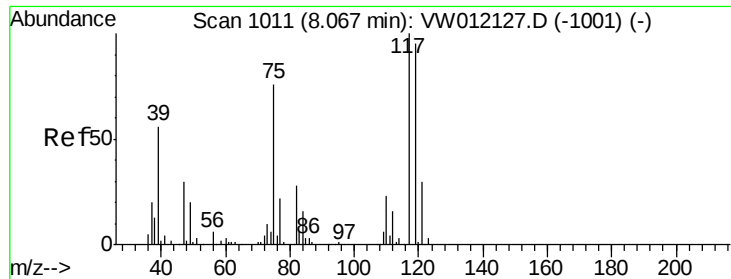
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.7	124.1
192	20.5	16.2	24.2



#36
 1,1-Dichloropropene
 Concen: 5.188 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012325.D
 Acq: 30 Aug 2019 01:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.5	15.6	46.8#
77	0.0	24.6	36.8#





#38

Carbon Tetrachloride

Concen: 7.057 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW012325.D

Acq: 30 Aug 2019 01:58

Instrument :

MSVOA_W

ClientSampleId :

SB-18-6.5-7.0

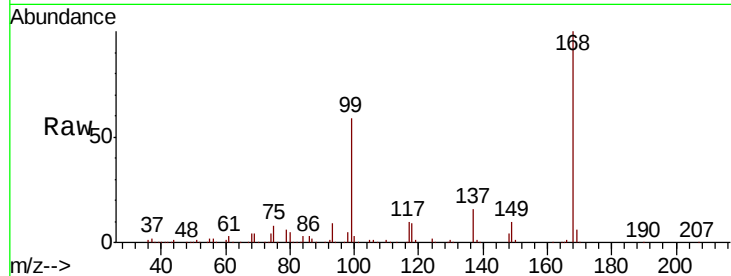
Tgt Ion:117 Resp: 22936

Ion Ratio Lower Upper

117 100

119 6.2 76.2 114.2#

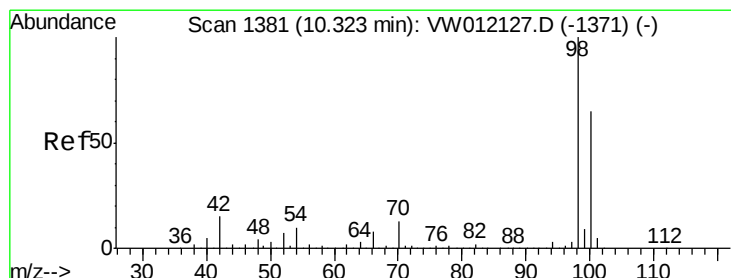
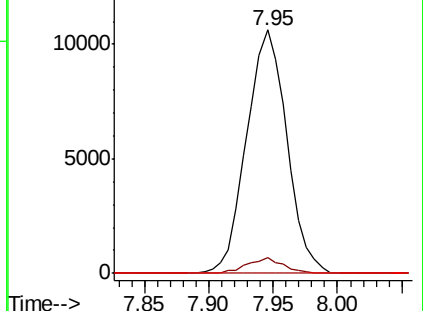
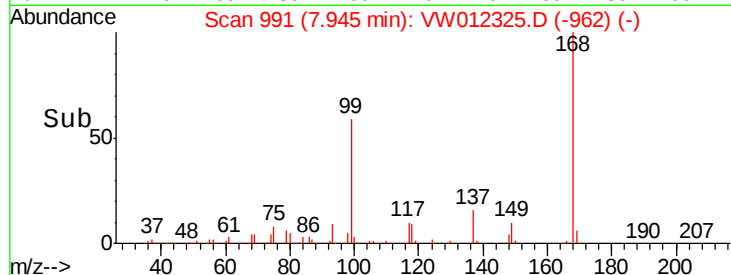
121 0.0 23.8 35.8#



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: 46.627 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012325.D

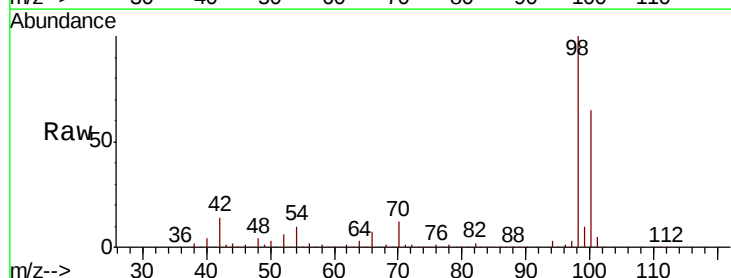
Acq: 30 Aug 2019 01:58

Tgt Ion: 98 Resp: 410091

Ion Ratio Lower Upper

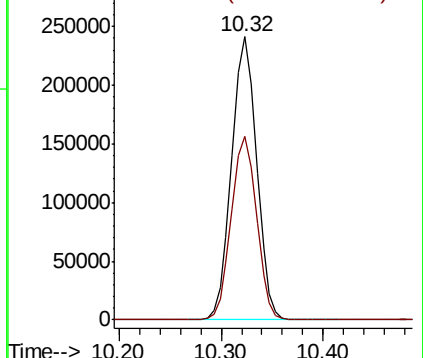
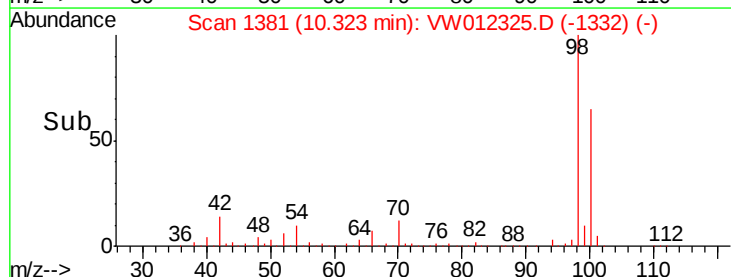
98 100

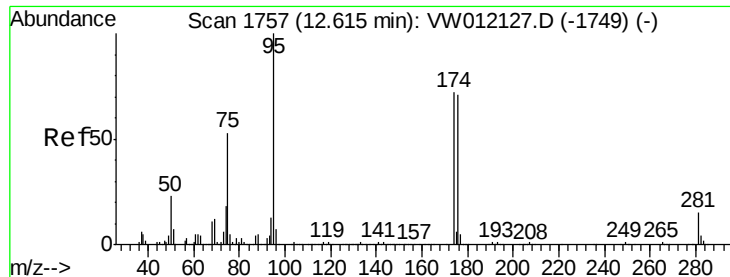
100 65.6 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

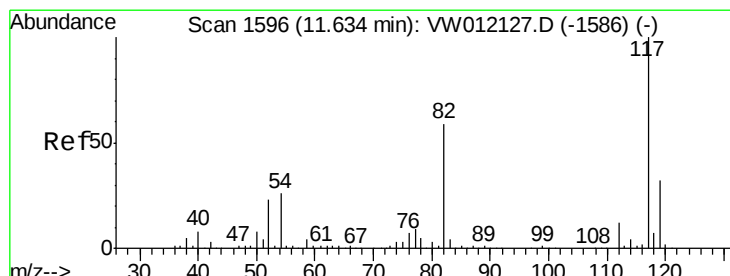
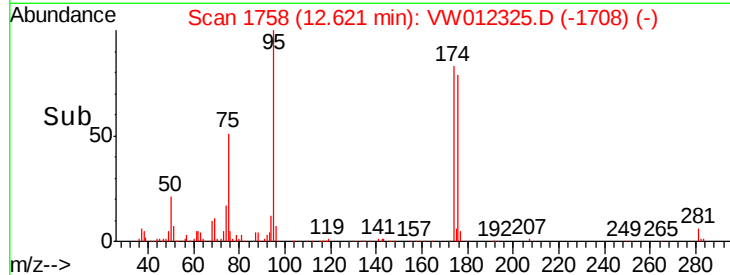
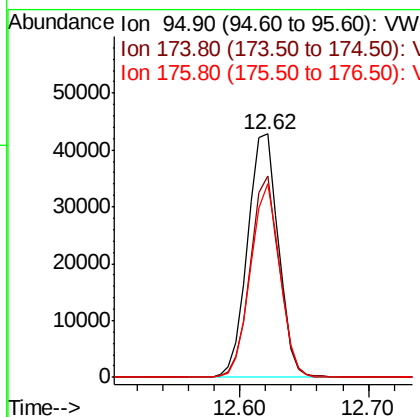
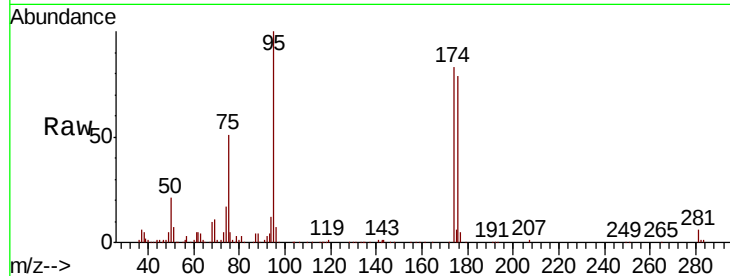




#62
4-Bromofluorobenzene
Concen: 22.720 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW012325.D
Acq: 30 Aug 2019 01:58

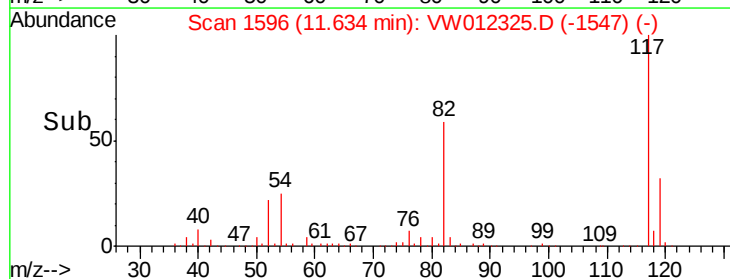
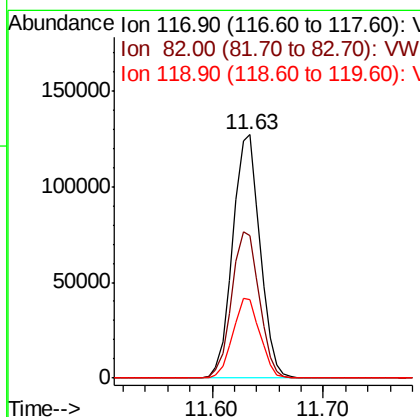
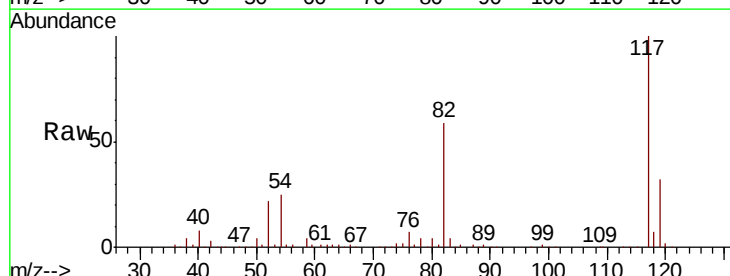
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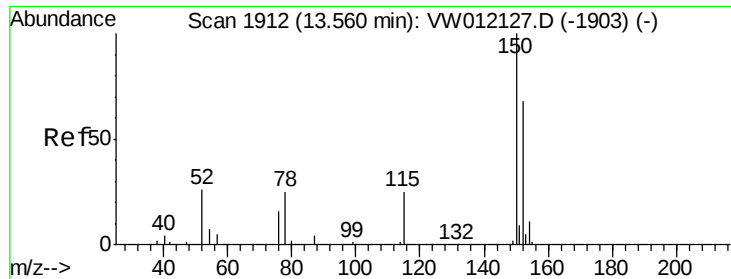
Tgt Ion: 95 Resp: 70440
Ion Ratio Lower Upper
95 100
174 78.3 0.0 150.8
176 76.0 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012325.D
Acq: 30 Aug 2019 01:58

Tgt Ion: 117 Resp: 216485
Ion Ratio Lower Upper
117 100
82 58.7 47.4 71.2
119 32.1 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012325.D

Acq: 30 Aug 2019 01:58

Instrument :

MSVOA_W

ClientSampleId :

SB-18-6.5-7.0

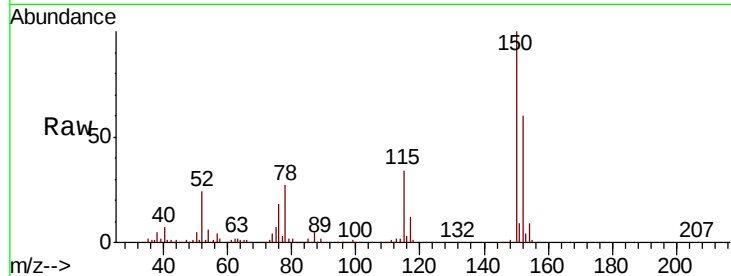
Tgt Ion:152 Resp: 43088

Ion Ratio Lower Upper

152 100

115 60.3 30.1 90.3

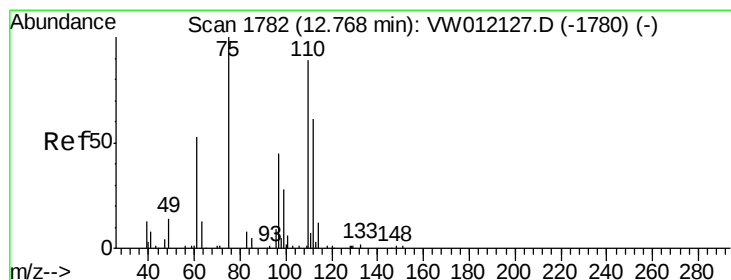
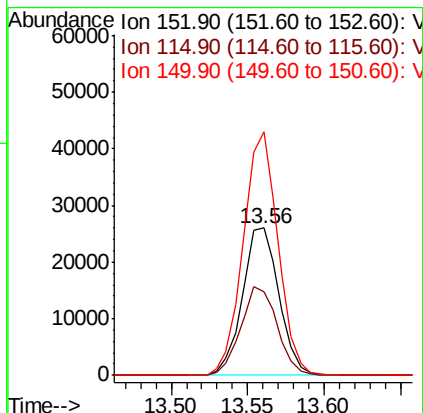
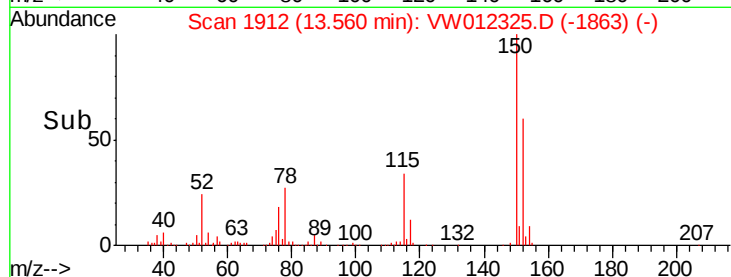
150 157.8 0.0 345.8



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: 88.517 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012325.D

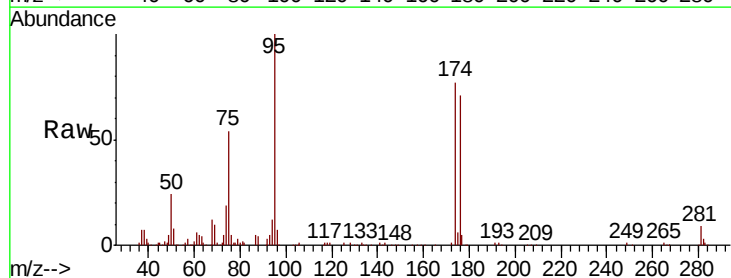
Acq: 30 Aug 2019 01:58

Tgt Ion: 75 Resp: 37146

Ion Ratio Lower Upper

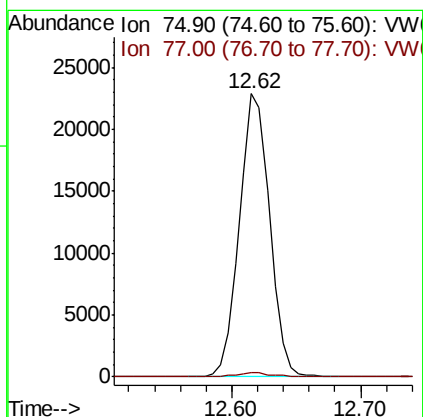
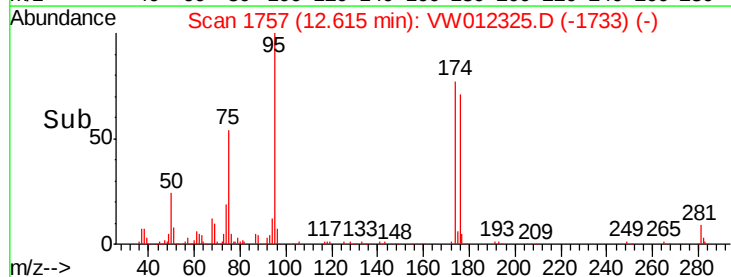
75 100

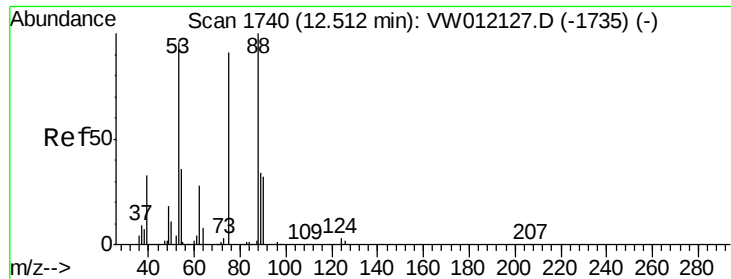
77 1.6 0.0 0.0#



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: 194.078 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW012325.D

Acq: 30 Aug 2019 01:58

Instrument :

MSVOA_W

ClientSampleId :

SB-18-6.5-7.0

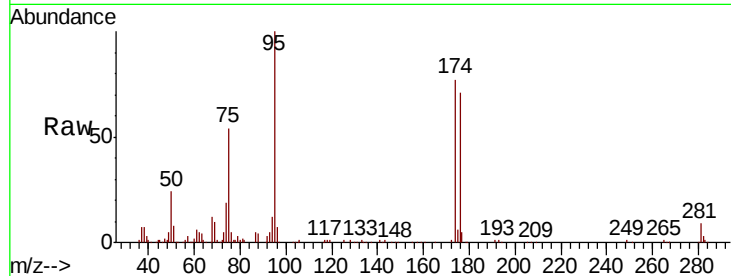
Tgt Ion: 75 Resp: 37146

Ion Ratio Lower Upper

75 100

53 0.3 89.4 134.0#

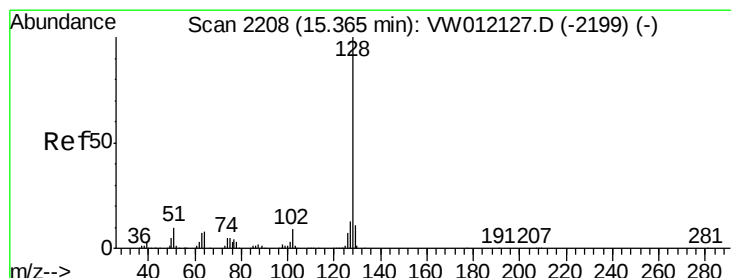
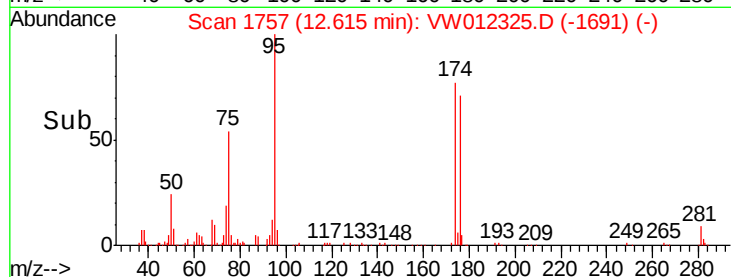
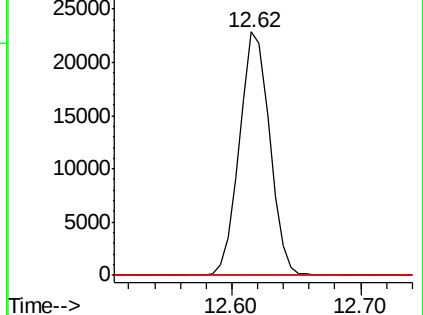
89 0.1 34.5 51.7#



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



#95

Naphthalene

Concen: 4.557 ug/l

RT: 15.36 min Scan# 2207

Delta R.T. -0.01 min

Lab File: VW012325.D

Acq: 30 Aug 2019 01:58

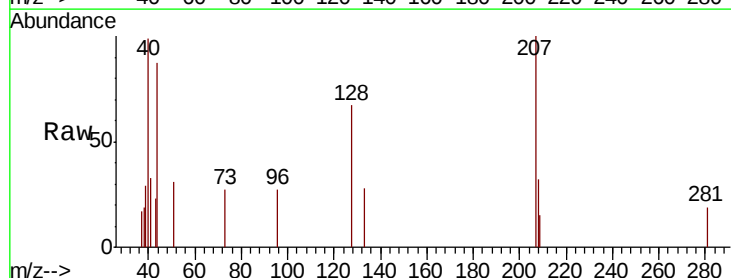
Tgt Ion: 128 Resp: 419

Ion Ratio Lower Upper

128 100

127 0.0 10.7 16.1#

129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

