

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050919\
 Data File : VW010348.D
 Acq On : 09 May 2019 20:32
 Operator : SY/VA
 Sample : K2718-06
 Misc : 5.79G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 10 02:24:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 13:55:10 2019
 Response via : Initial Calibration

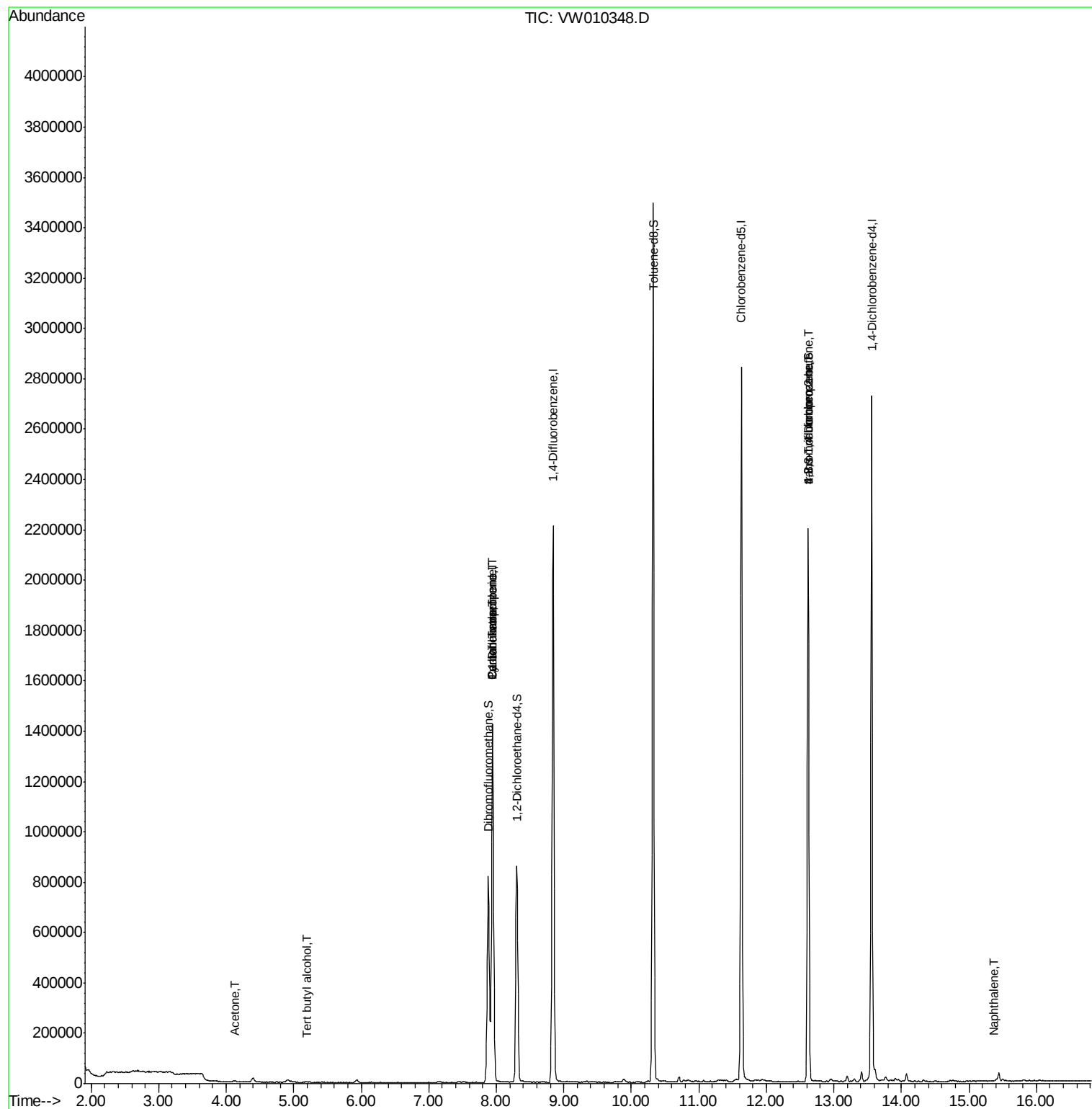
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	1020295	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1764045	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1537220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	681272	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	674736	62.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.40%	
35) Dibromofluoromethane	7.88	113	583601	56.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.06%	
50) Toluene-d8	10.32	98	2236211	53.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.40%	
62) 4-Bromofluorobenzene	12.62	95	704987	47.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.28%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.19	59	1790	2.337	ug/l #	74
16) Acetone	4.12	43	8827	3.122	ug/l	100
31) Cyclohexane	7.95	56	24830	1.118	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	87017	4.549	ug/l #	49
38) Carbon Tetrachloride	7.95	117	101308	6.179	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	365334	45.994	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	365334	103.869	ug/l #	6
95) Naphthalene	15.38	128	2329	3.664	ug/l #	93

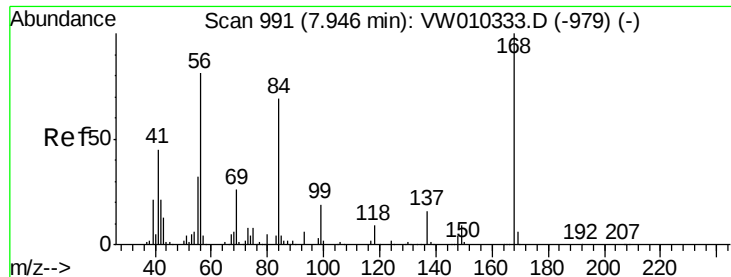
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050919\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
Quant Title : SW846 8260
QLast Update : Thu May 09 13:55:10 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW010348.D

Acq: 09 May 2019 20:32

Instrument :

MSVOA_W

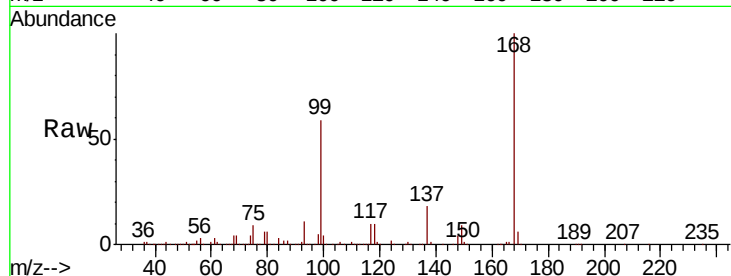
ClientSampleId :

Tot Ion:168 Resp: 1020295

Ion Ratio Lower Upper

168 100

99 58.8 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

500000

400000

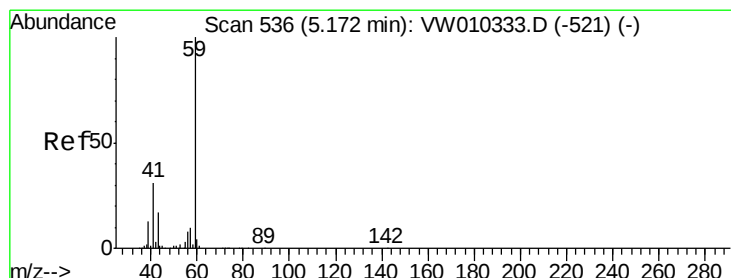
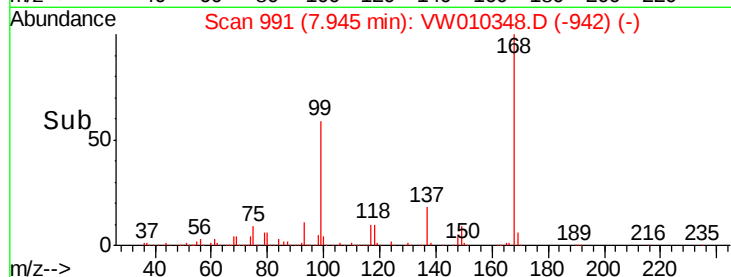
300000

200000

100000

0

Time--> 7.80 7.90 8.00



#11

Tert butyl alcohol

Concen: 2.337 ug/l

RT: 5.19 min Scan# 539

Delta R.T. 0.02 min

Lab File: VW010348.D

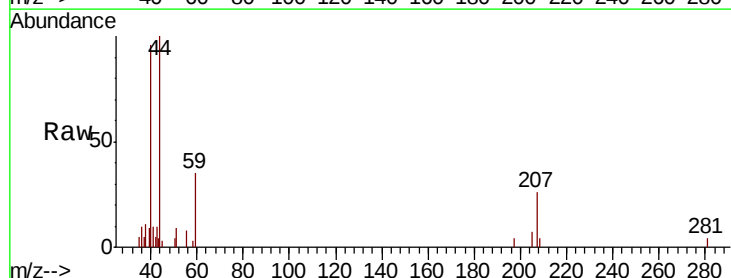
Acq: 09 May 2019 20:32

Tgt Ion: 59 Resp: 1790

Ion Ratio Lower Upper

59 100

57 1.5 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.19

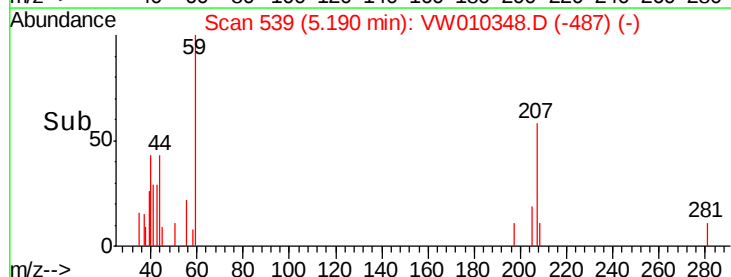
600

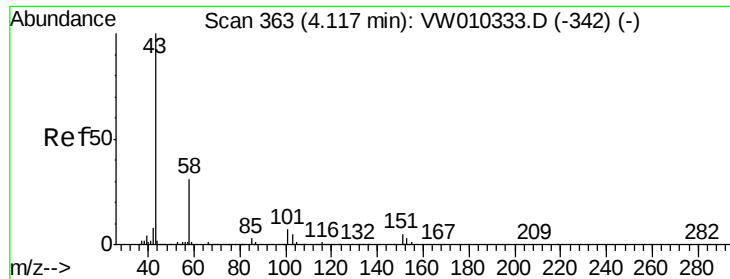
400

200

0

Time--> 5.05 5.10 5.15 5.20 5.25

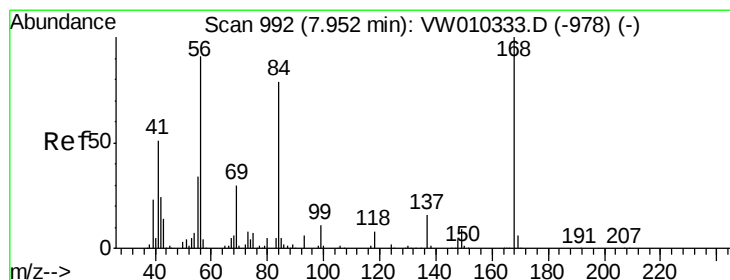
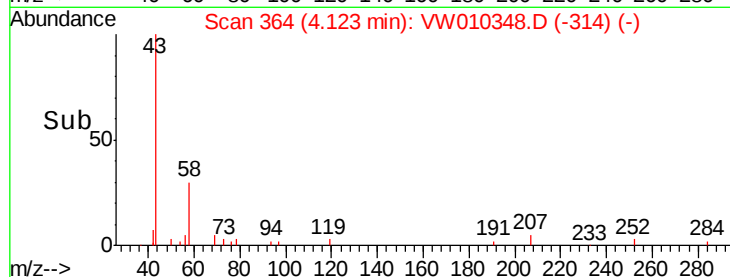
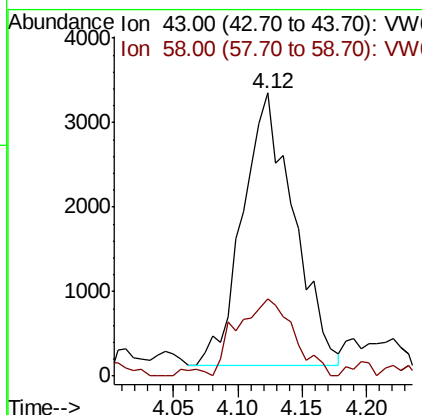
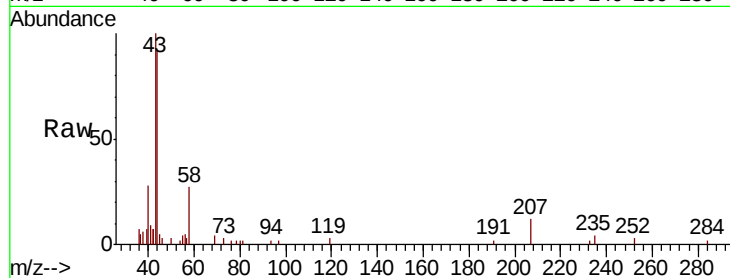




#16
Acetone
Concen: 3.122 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW010348.D
Acq: 09 May 2019 20:32

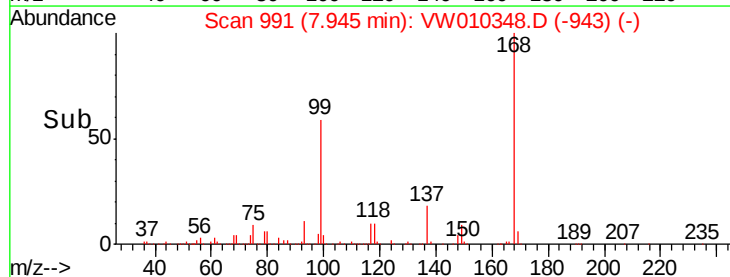
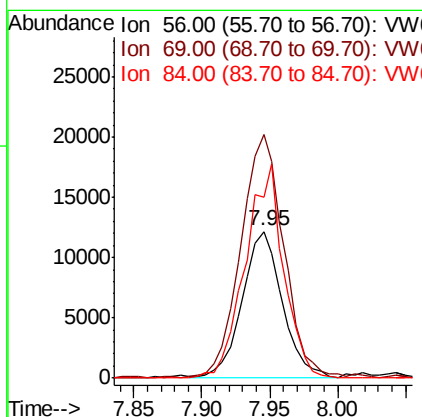
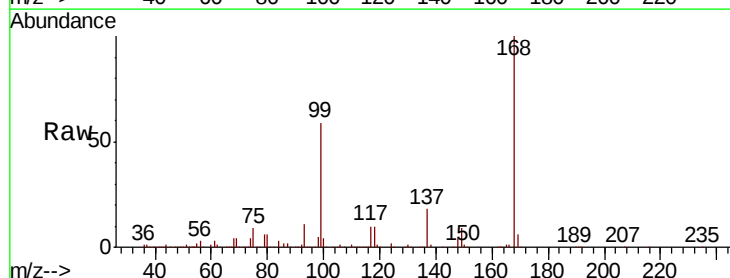
Instrument :
MSVOA_W
ClientSampleId :

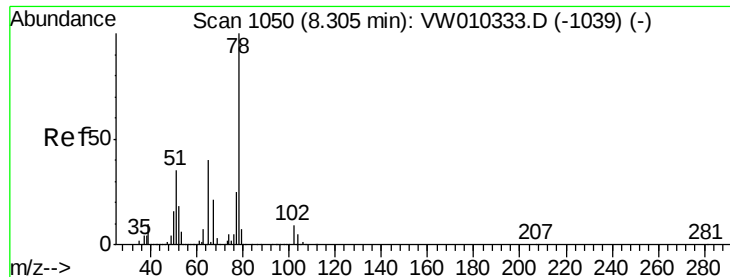
Tot Ion: 43 Resp: 8827
Ion Ratio Lower Upper
43 100
58 28.5 22.7 34.1



#31
Cyclohexane
Concen: 1.118 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW010348.D
Acq: 09 May 2019 20:32

Tgt Ion: 56 Resp: 24830
Ion Ratio Lower Upper
56 100
69 165.8 26.6 40.0#
84 124.0 66.2 99.2#

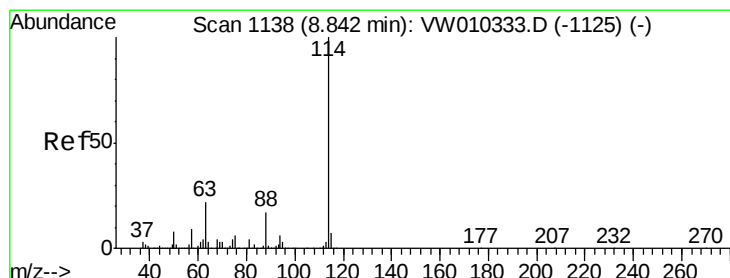
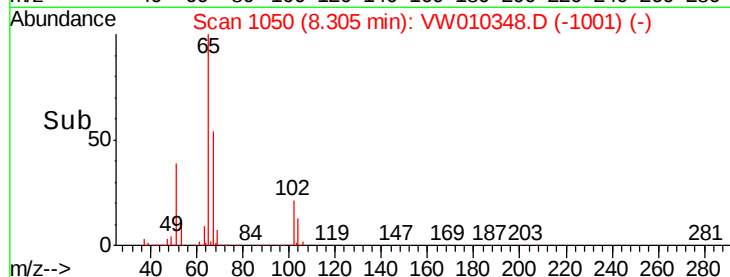
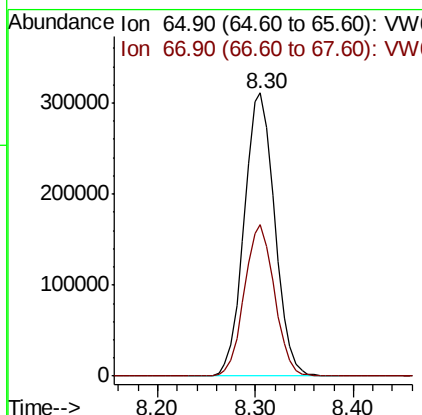
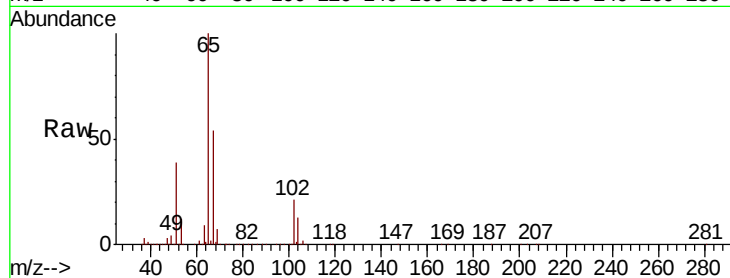




#33
 1,2-Dichloroethane-d4
 Concen: 62.204 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010348.D
 Acq: 09 May 2019 20:32

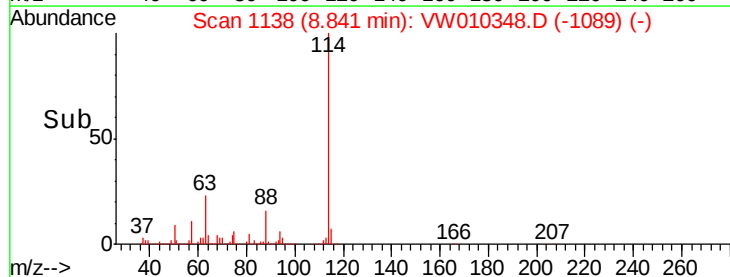
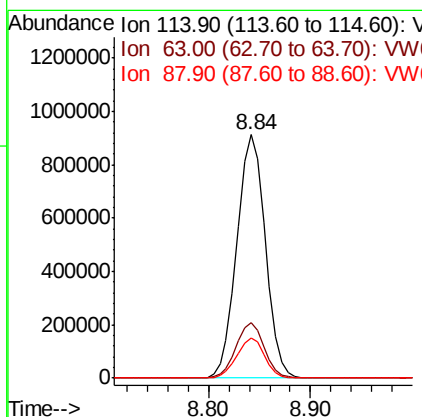
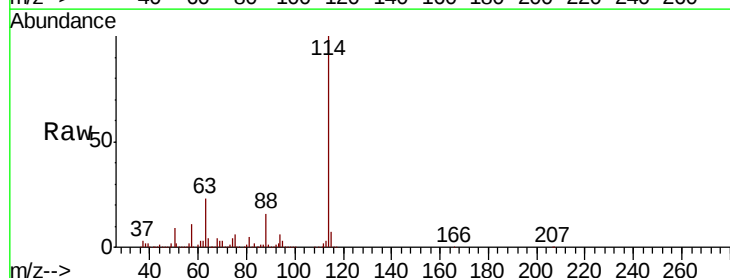
Instrument :
 MSVOA_W
 ClientSampleId :

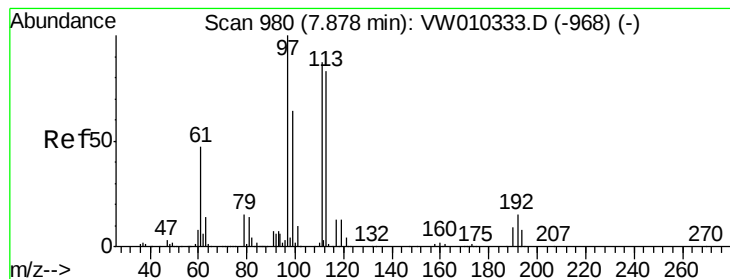
Tot Ion: 65 Resp: 674736
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010348.D
 Acq: 09 May 2019 20:32

Tgt Ion: 114 Resp: 1764045
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 46.2
 88 16.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 56.534 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW010348.D

Acq: 09 May 2019 20:32

Instrument :
MSVOA_W
ClientSampleId :

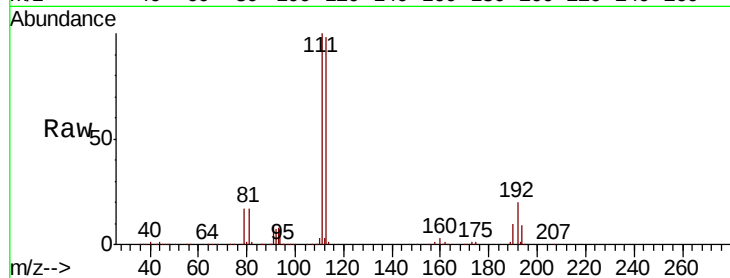
Tot Ion:113 Resp: 583601

Ion Ratio Lower Upper

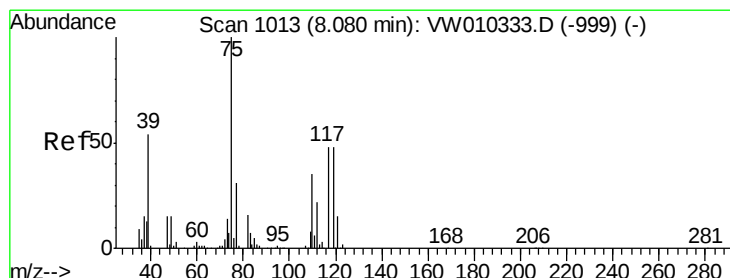
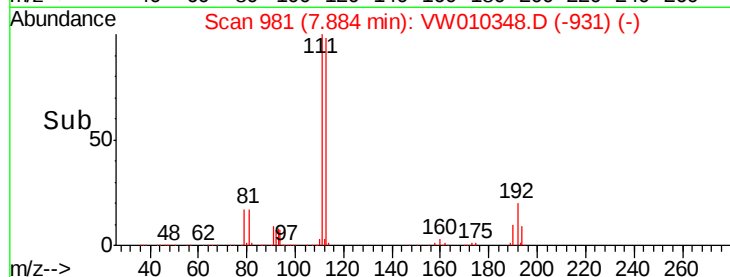
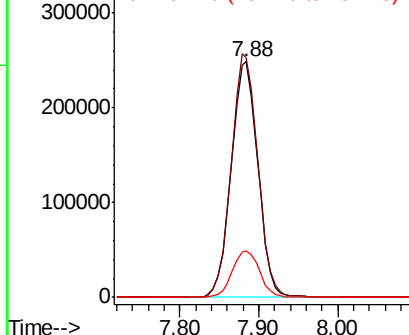
113 100

111 103.1 82.6 123.8

192 20.0 15.4 23.2



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: 4.549 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW010348.D

Acq: 09 May 2019 20:32

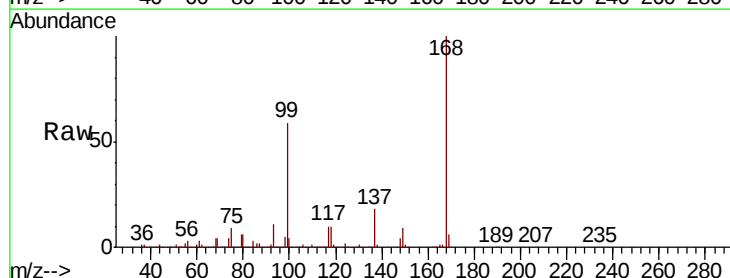
Tgt Ion: 75 Resp: 87017

Ion Ratio Lower Upper

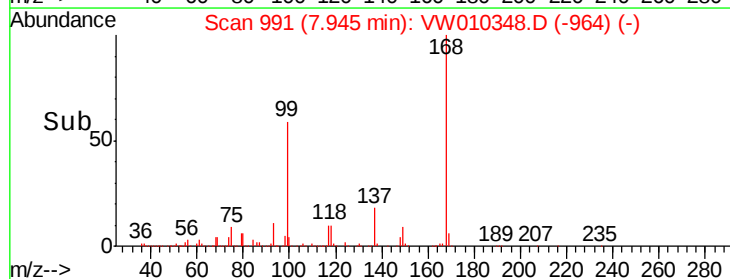
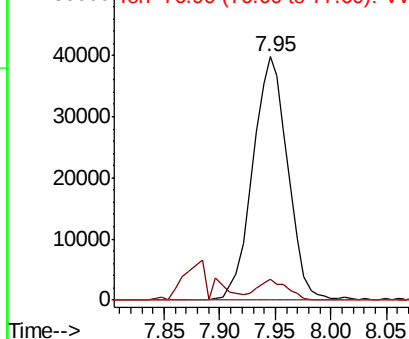
75 100

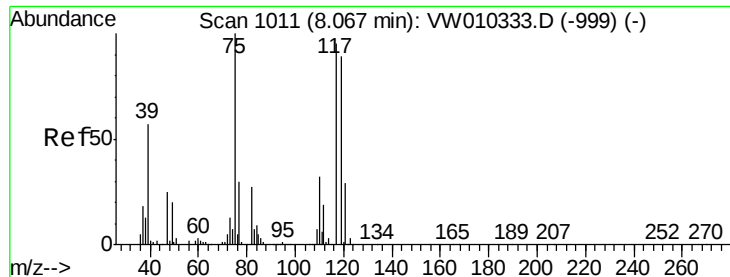
110 7.3 16.6 49.8#

77 0.2 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: 6.179 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW010348.D

Acq: 09 May 2019 20:32

Instrument :

MSVOA_W

ClientSampled :

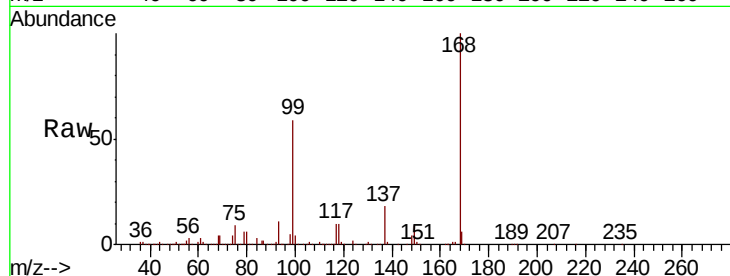
Tot Ion:117 Resp: 101308

Ion Ratio Lower Upper

117 100

119 5.9 75.3 112.9#

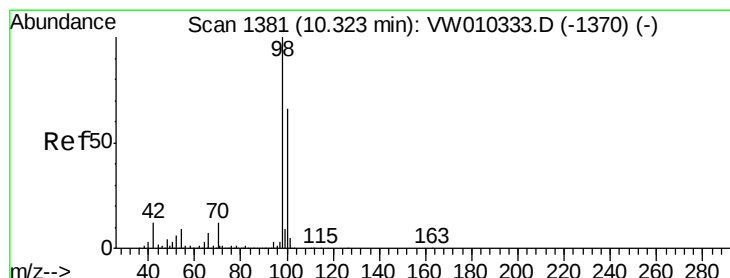
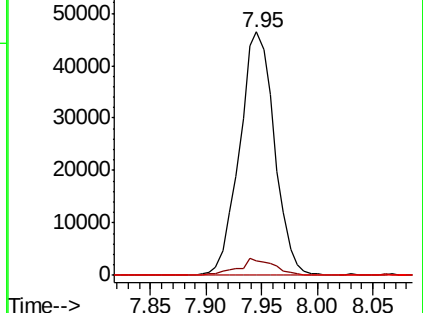
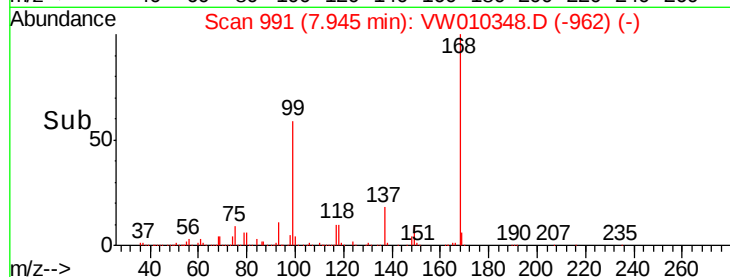
121 0.0 24.4 36.6#



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: 53.198 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010348.D

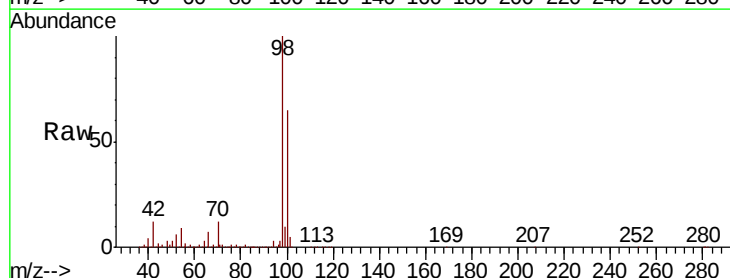
Acq: 09 May 2019 20:32

Tgt Ion: 98 Resp: 2236211

Ion Ratio Lower Upper

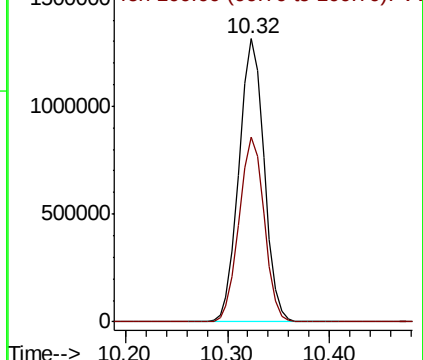
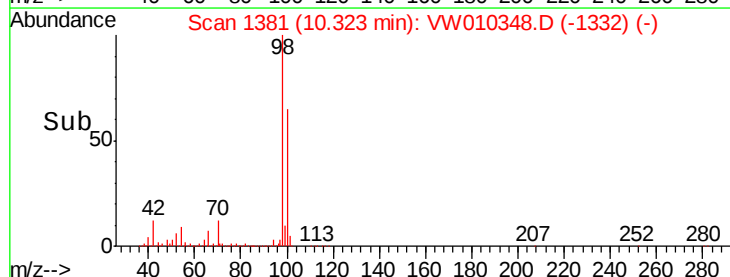
98 100

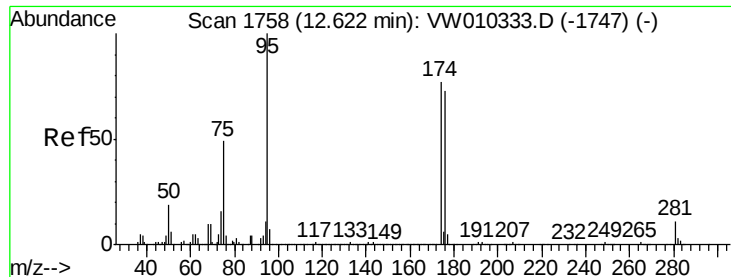
100 65.3 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

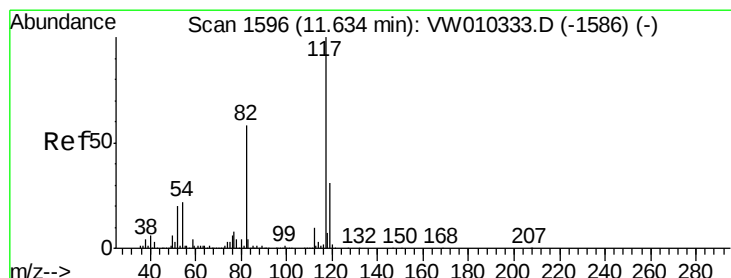
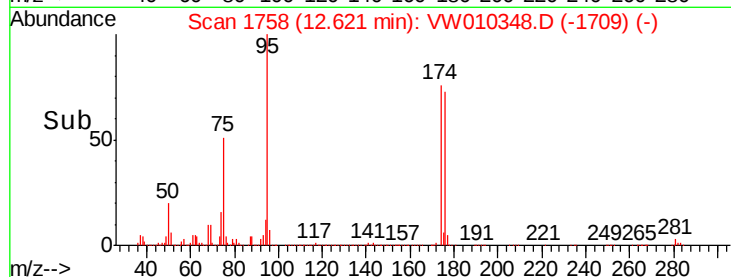
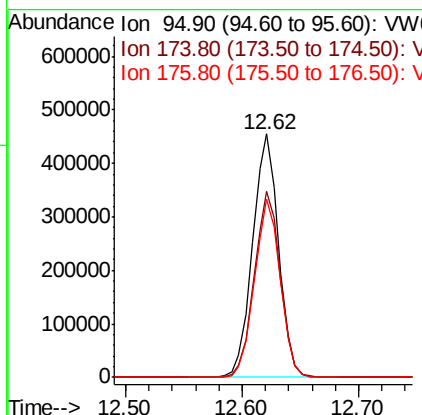
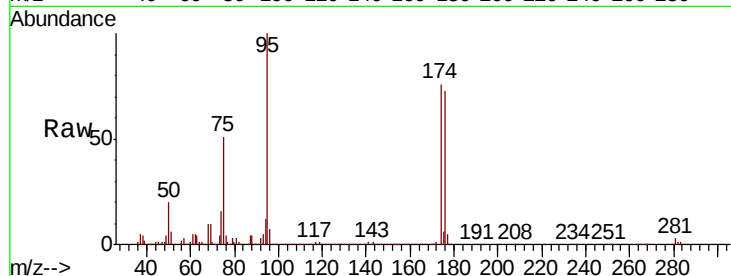




#62
4-Bromofluorobenzene
Concen: 47.645 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010348.D
Acq: 09 May 2019 20:32

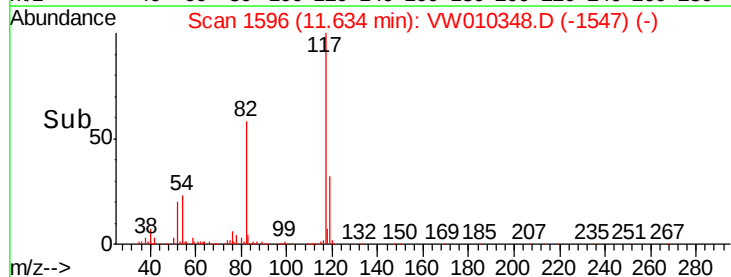
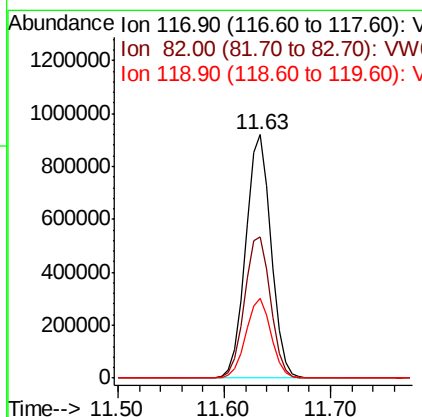
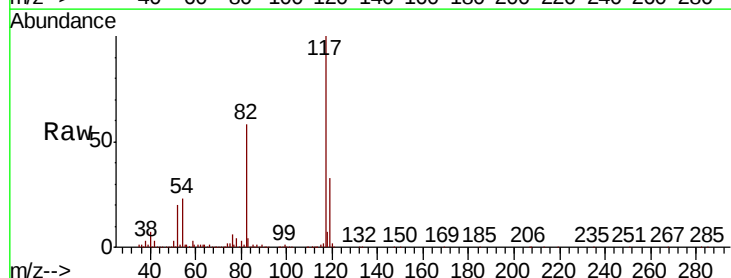
Instrument :
MSVOA_W
ClientSampleId :

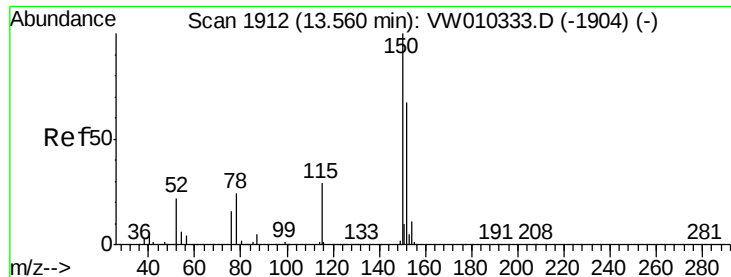
Tot Ion	Ratio	Lower	Upper
95	100		
174	76.6	0.0	151.4
176	73.2	0.0	146.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010348.D
Acq: 09 May 2019 20:32

Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.9	45.2	67.8
119	32.5	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: VW010348.D

Acq: 09 May 2019 20:32

Instrument :

MSVOA_W

ClientSampleId :

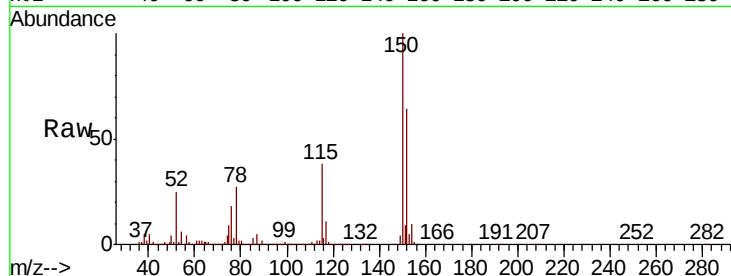
Tot Ion:152 Resp: 681272

Ion Ratio Lower Upper

152 100

115 59.6 30.4 91.2

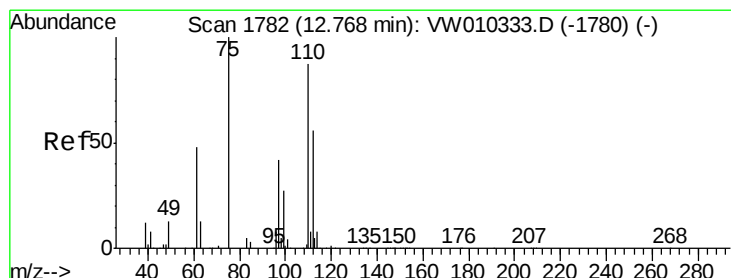
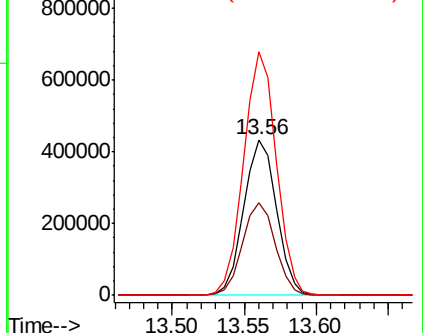
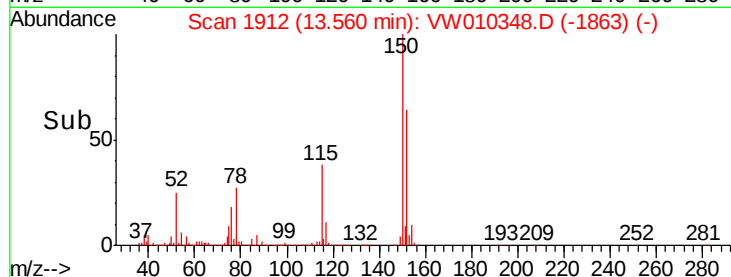
150 155.9 0.0 347.0



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: 45.994 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010348.D

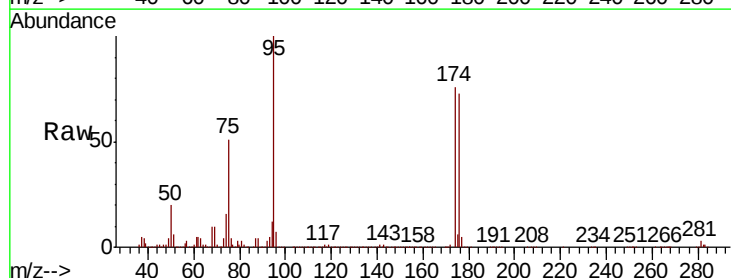
Acq: 09 May 2019 20:32

Tgt Ion: 75 Resp: 365334

Ion Ratio Lower Upper

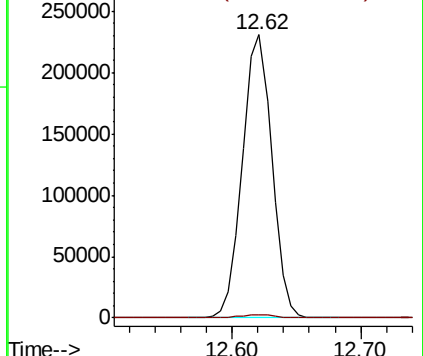
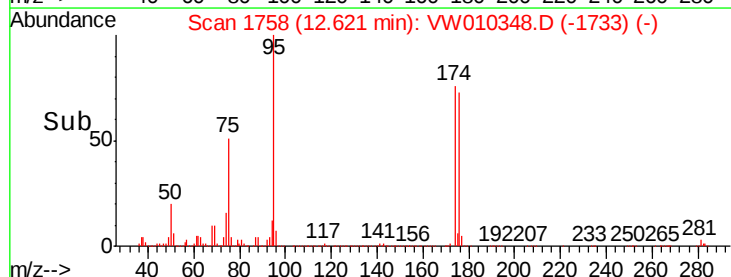
75 100

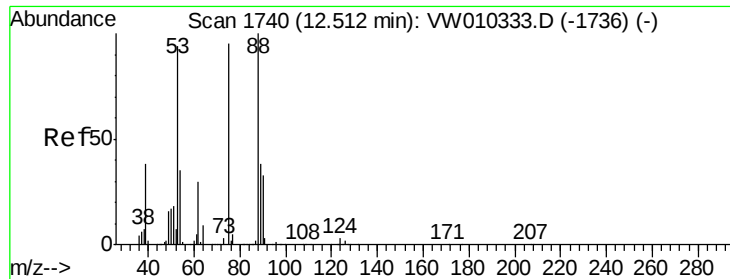
77 1.4 0.0 0.0#



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: 103.869 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010348.D

Acq: 09 May 2019 20:32

Instrument :

MSVOA_W

ClientSampleId :

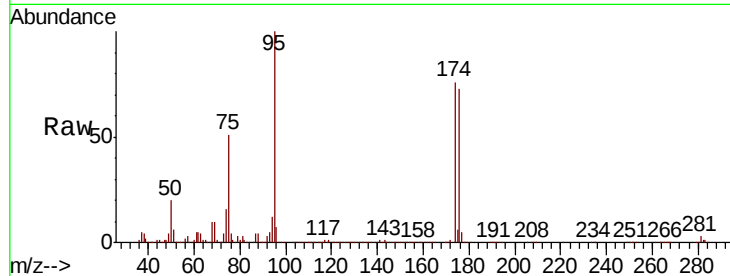
Tot Ion: 75 Resp: 365334

Ion Ratio Lower Upper

75 100

53 0.5 89.8 134.8#

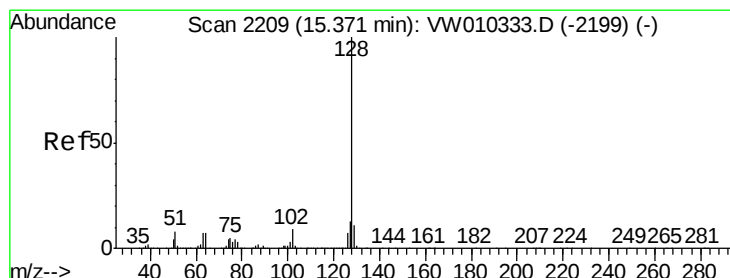
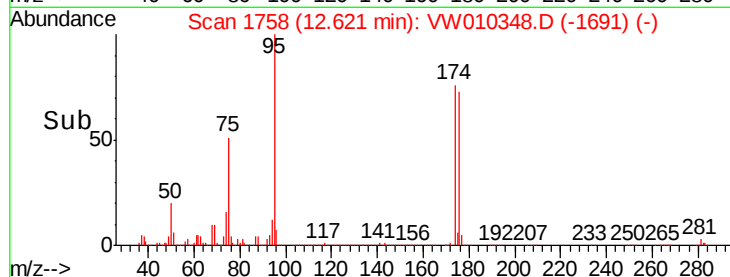
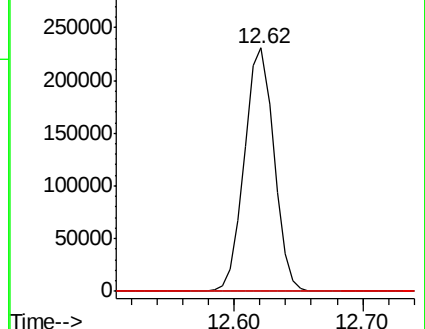
89 0.0 36.6 54.8#



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: 3.664 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.01 min

Lab File: VW010348.D

Acq: 09 May 2019 20:32

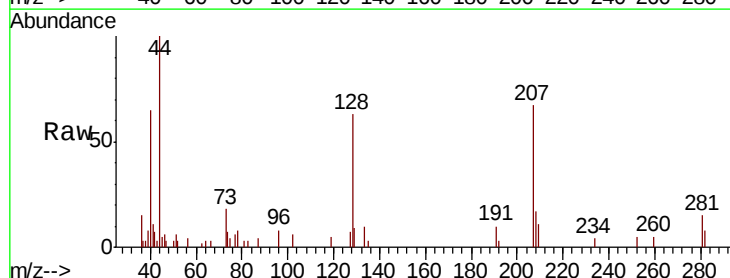
Tgt Ion: 128 Resp: 2329

Ion Ratio Lower Upper

128 100

127 11.6 10.6 15.8

129 14.7 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

