

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW060519\
 Data File : VW010689.D
 Acq On : 05 Jun 2019 13:48
 Operator : SY/VA
 Sample : K3080-01RE
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MASONRY-COMPOSITE

Quant Time: Jun 05 14:18:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	197128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	339439	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	292863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	130198	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	124199	53.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.90%	
35) Dibromofluoromethane	7.88	113	76197	41.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.72%	
50) Toluene-d8	10.32	98	441084	54.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.20%	
62) 4-Bromofluorobenzene	12.62	95	151367	51.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.98%	

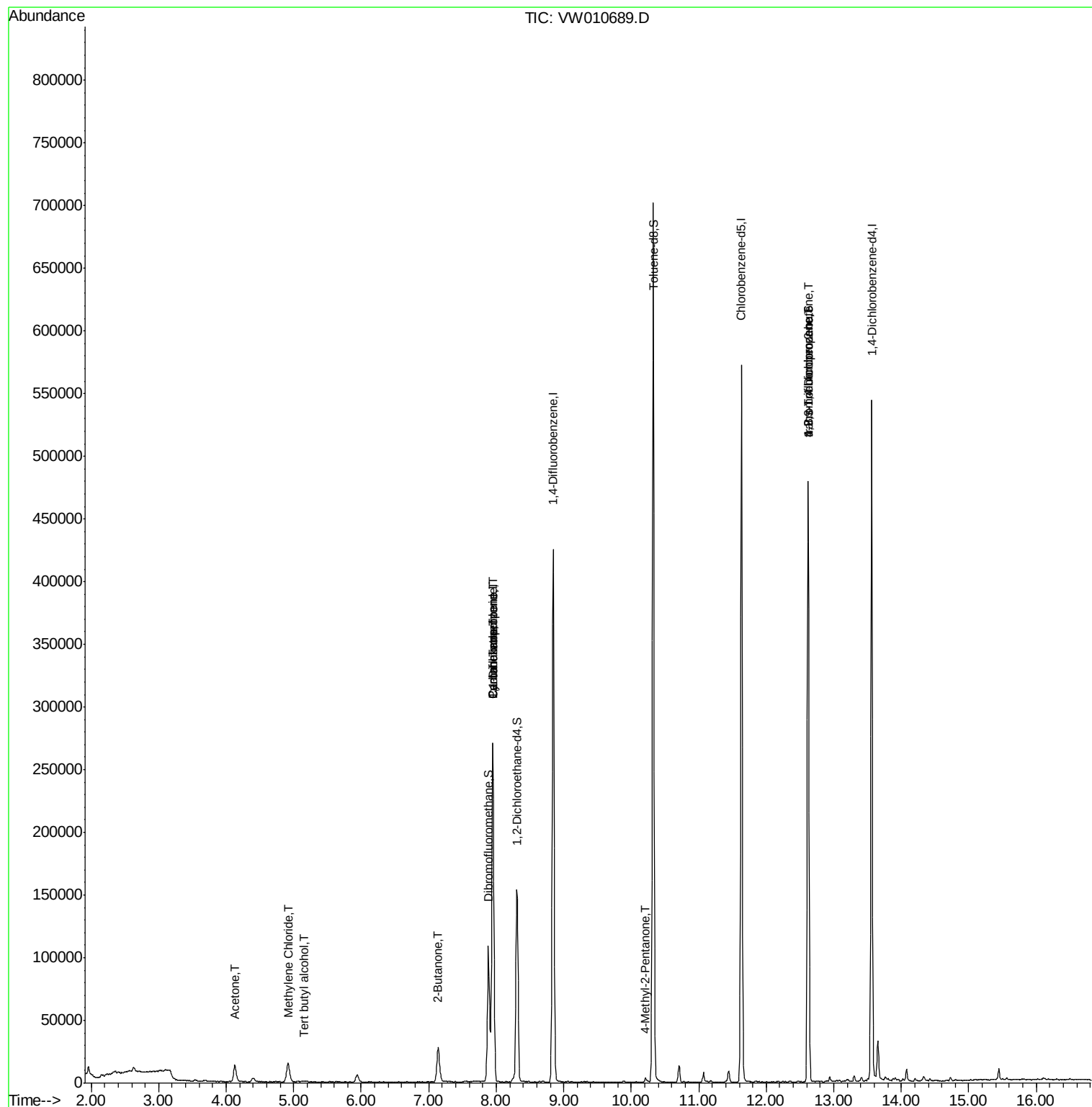
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	639	3.376	ug/l #	91
16) Acetone	4.13	43	24911	40.013	ug/l	99
20) Methylene Chloride	4.92	84	10604	4.855	ug/l	91
25) 2-Butanone	7.15	43	1967	2.279	ug/l #	53
31) Cyclohexane	7.95	56	5283	1.127	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17220	4.956	ug/l #	51
38) Carbon Tetrachloride	7.95	117	19681	6.562	ug/l #	17
51) 4-Methyl-2-Pentanone	10.21	43	2910	1.531	ug/l	88
76) 1,2,3-Trichloropropane	12.62	75	81722	59.771	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	81722	137.373	ug/l #	5

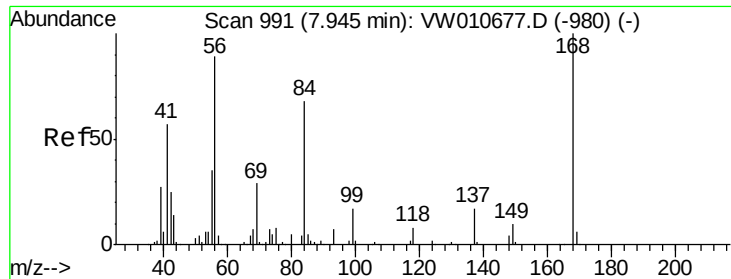
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010689.D

Acq: 05 Jun 2019 13:48

Instrument :

MSVOA_W

ClientSampleId :

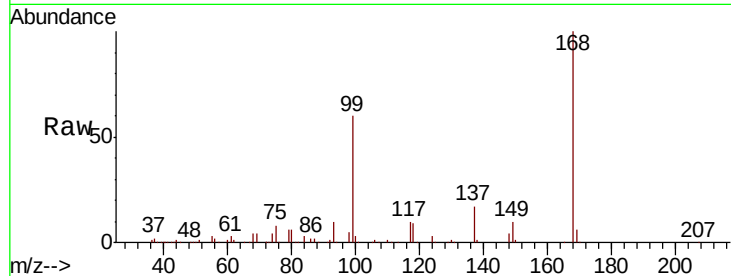
MASONRY-COMPOSITE

Tgt Ion:168 Resp: 197128

Ion Ratio Lower Upper

168 100

99 59.5 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

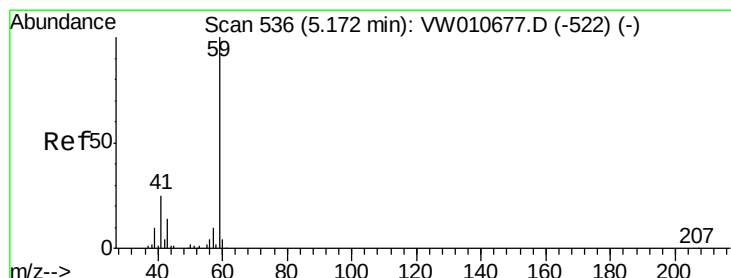
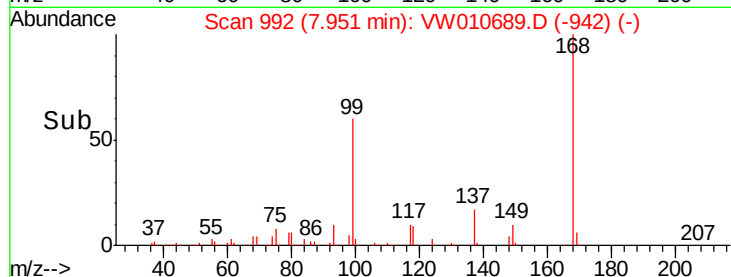
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 3.376 ug/l

RT: 5.17 min Scan# 535

Delta R.T. -0.01 min

Lab File: VW010689.D

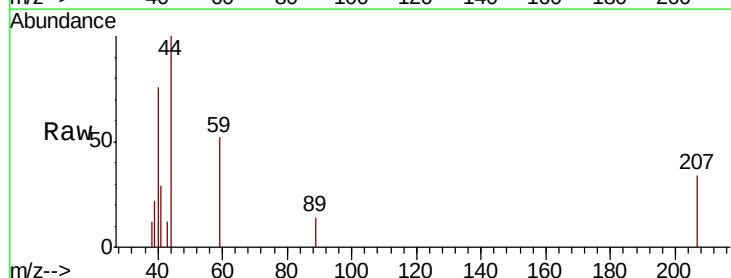
Acq: 05 Jun 2019 13:48

Tgt Ion: 59 Resp: 639

Ion Ratio Lower Upper

59 100

57 7.4 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

250

200

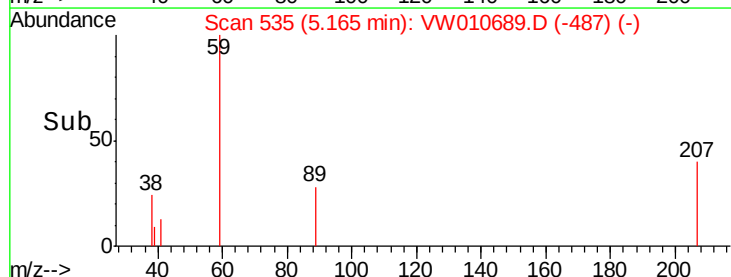
150

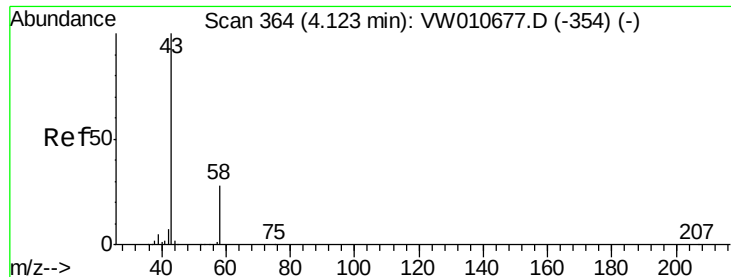
100

50

0

Time--> 5.15 5.20 5.25

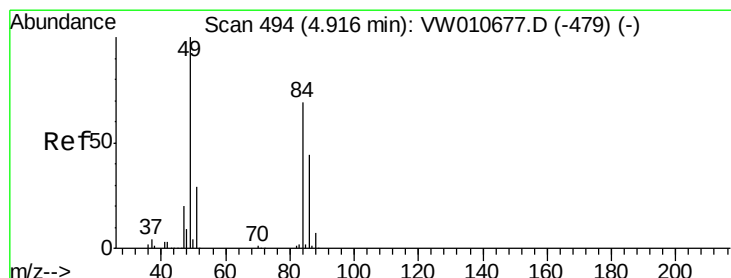
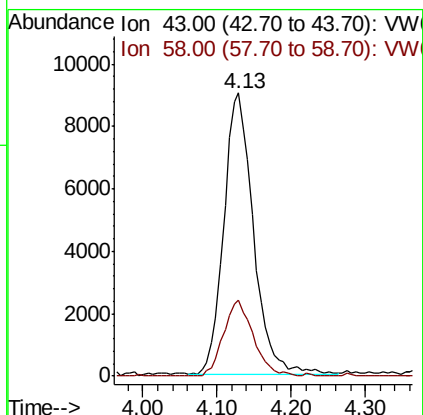
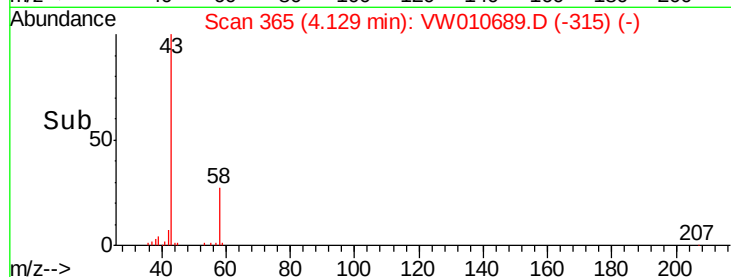
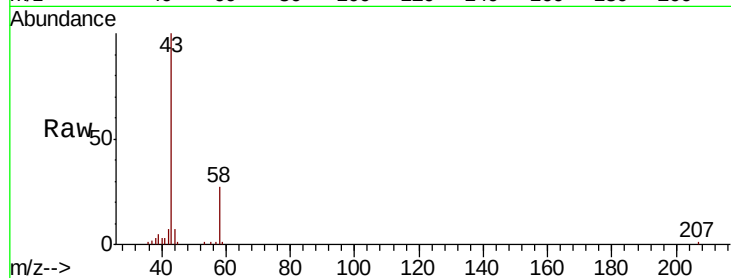




#16
Acetone
Concen: 40.013 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW010689.D
Acq: 05 Jun 2019 13:48

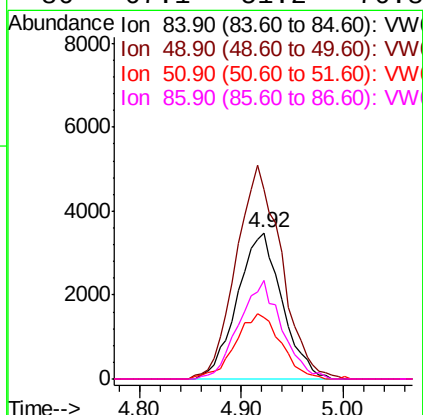
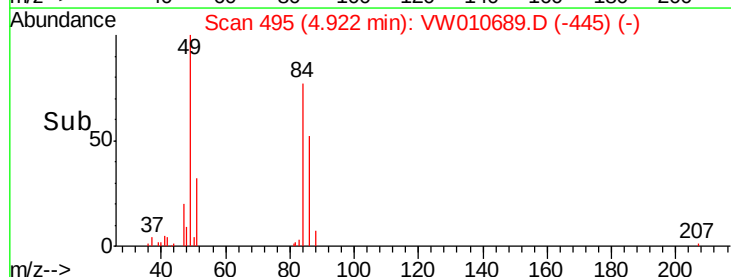
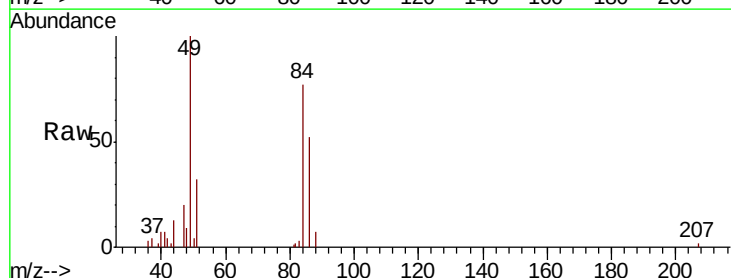
Instrument :
MSVOA_W
ClientSampleId :
MASONRY-COMPOSITE

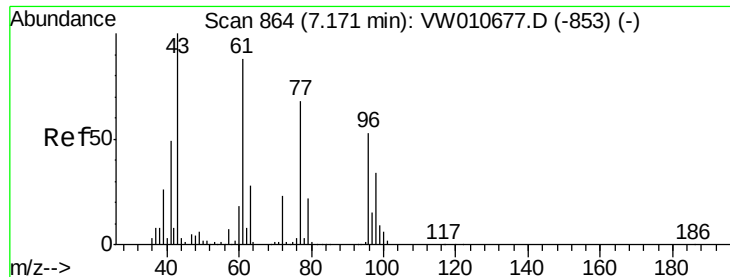
Tgt Ion: 43 Resp: 24911
Ion Ratio Lower Upper
43 100
58 27.2 22.1 33.1



#20
Methylene Chloride
Concen: 4.855 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW010689.D
Acq: 05 Jun 2019 13:48

Tgt Ion: 84 Resp: 10604
Ion Ratio Lower Upper
84 100
49 129.7 116.7 175.1
51 41.9 34.2 51.2
86 67.1 51.2 76.8





#25

2-Butanone

Concen: 2.279 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW010689.D

Acq: 05 Jun 2019 13:48

Instrument :

MSVOA_W

ClientSampleId :

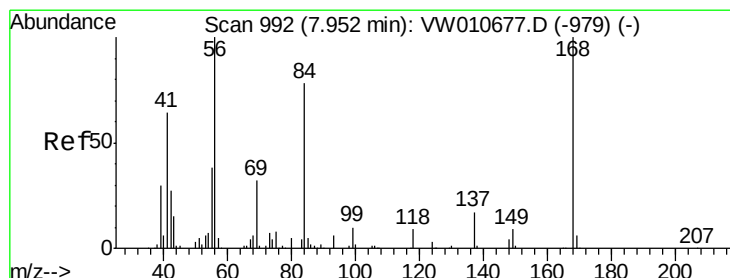
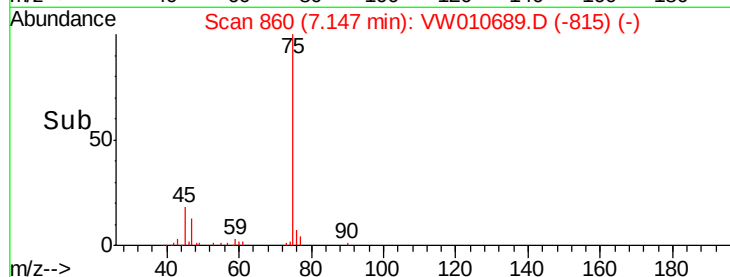
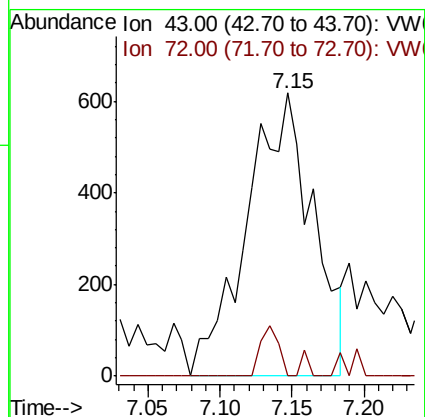
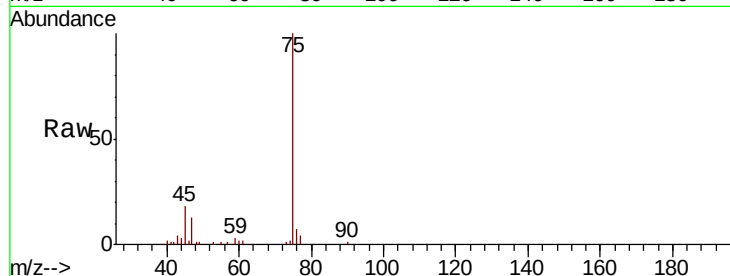
MASONRY-COMPOSITE

Tgt Ion: 43 Resp: 1967

Ion Ratio Lower Upper

43 100

72 0.0 18.1 27.1#



#31

Cyclohexane

Concen: 1.127 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010689.D

Acq: 05 Jun 2019 13:48

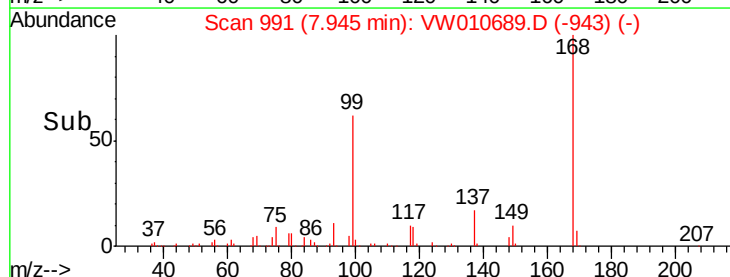
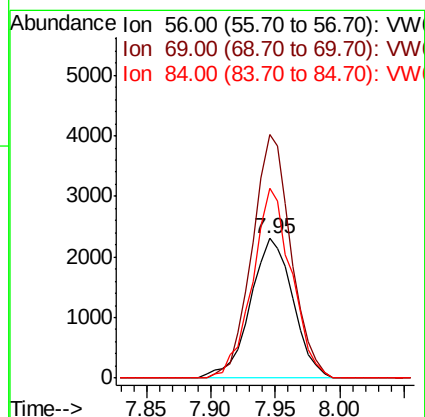
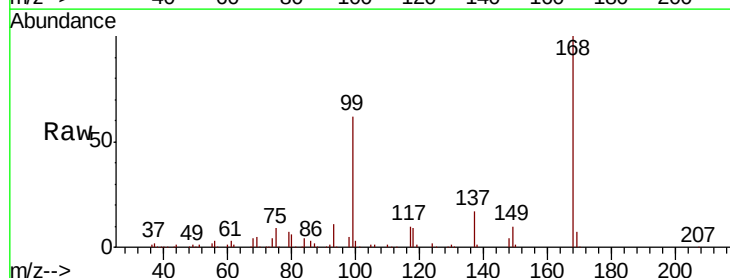
Tgt Ion: 56 Resp: 5283

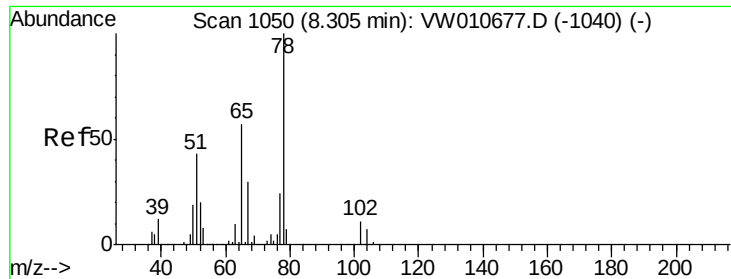
Ion Ratio Lower Upper

56 100

69 174.4 25.2 37.8#

84 136.2 62.2 93.2#

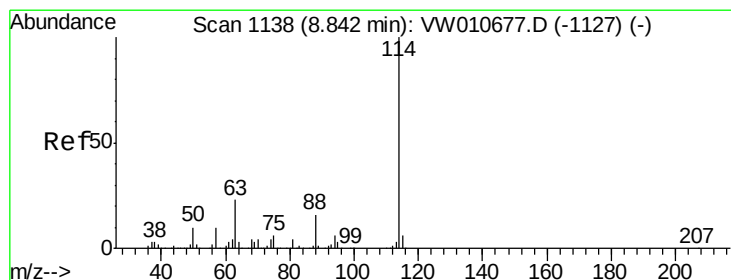
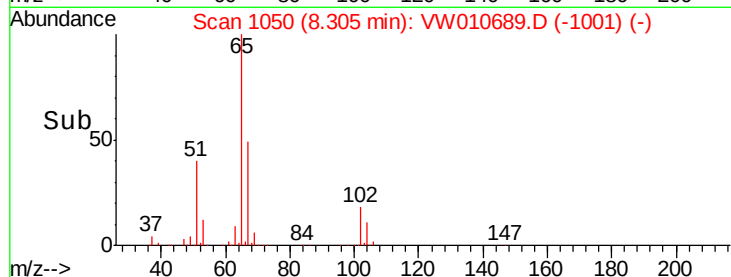
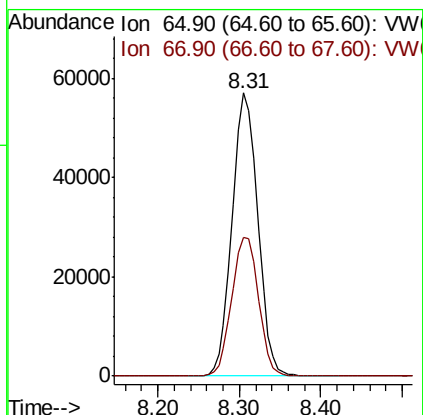
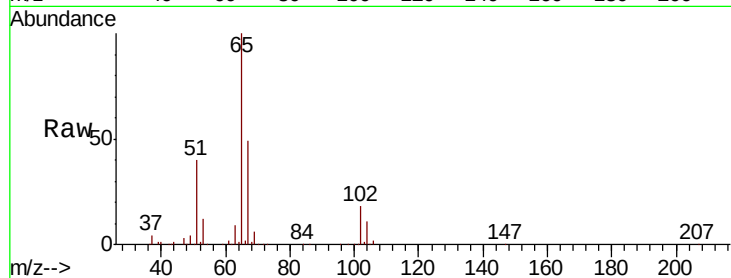




#33
 1,2-Dichloroethane-d4
 Concen: 53.454 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010689.D
 Acq: 05 Jun 2019 13:48

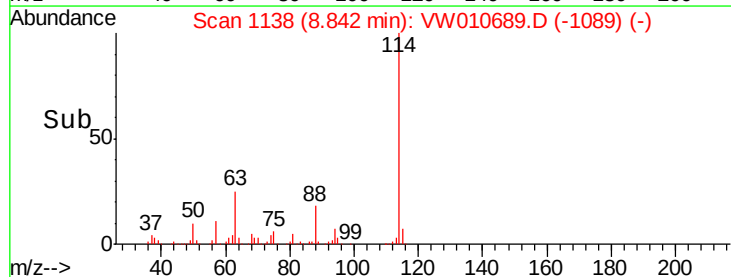
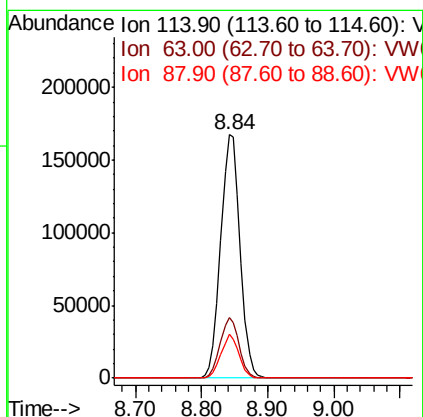
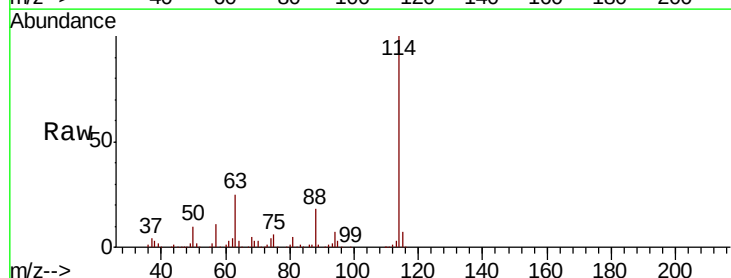
Instrument :
 MSVOA_W
 ClientSampleId :
 MASONRY-COMPOSITE

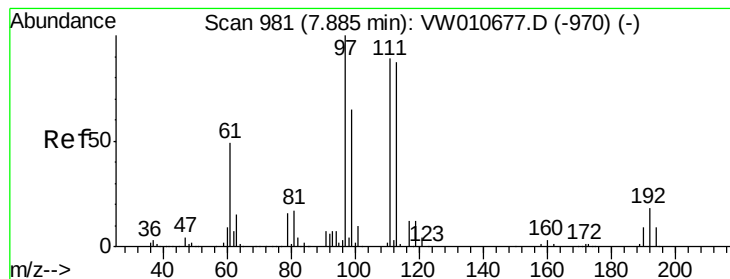
Tgt Ion: 65 Resp: 124199
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010689.D
 Acq: 05 Jun 2019 13:48

Tgt Ion: 114 Resp: 339439
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 46.4
 88 18.1 0.0 32.2





#35

Dibromofluoromethane

Concen: 41.357 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010689.D

Acq: 05 Jun 2019 13:48

Instrument :

MSVOA_W

ClientSampleId :

MASONRY-COMPOSITE

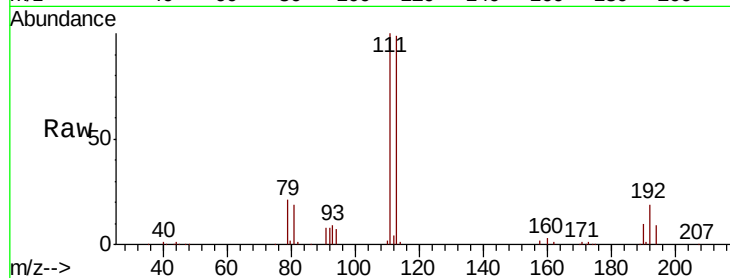
Tgt Ion:113 Resp: 76197

Ion Ratio Lower Upper

113 100

111 102.4 82.6 123.8

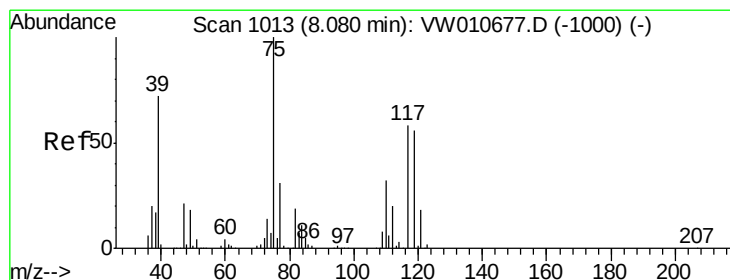
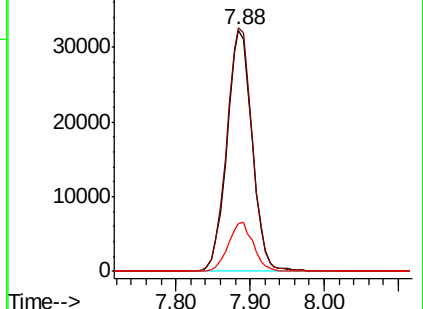
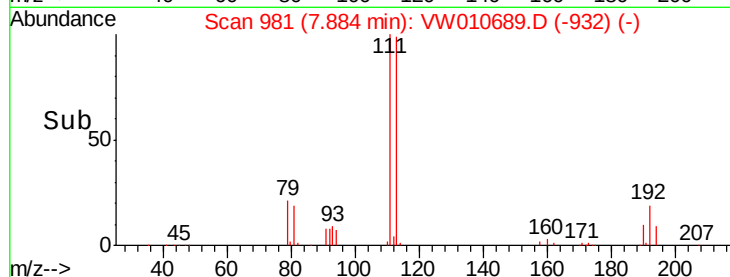
192 20.2 16.4 24.6



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: 4.956 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW010689.D

Acq: 05 Jun 2019 13:48

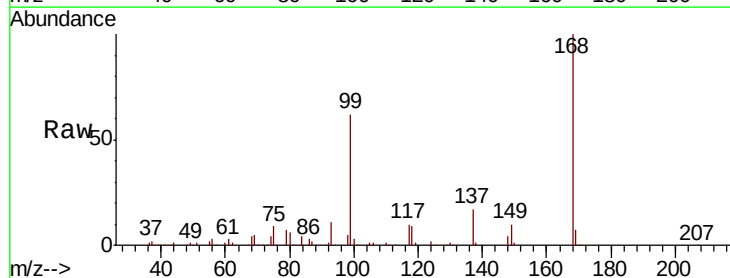
Tgt Ion: 75 Resp: 17220

Ion Ratio Lower Upper

75 100

110 8.2 15.8 47.3#

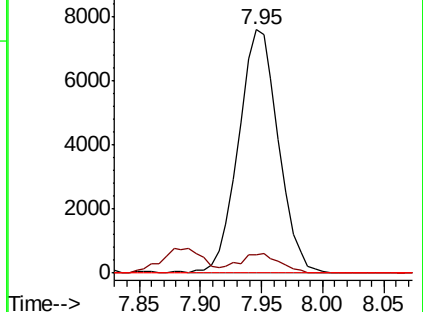
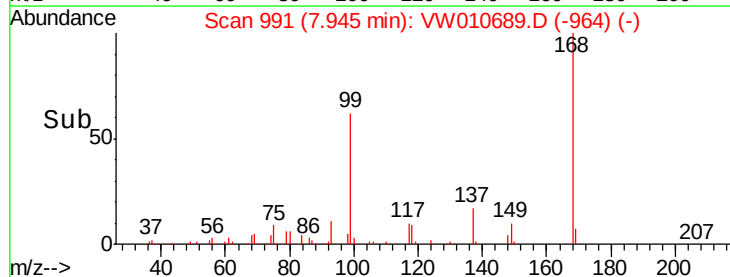
77 0.0 24.7 37.1#

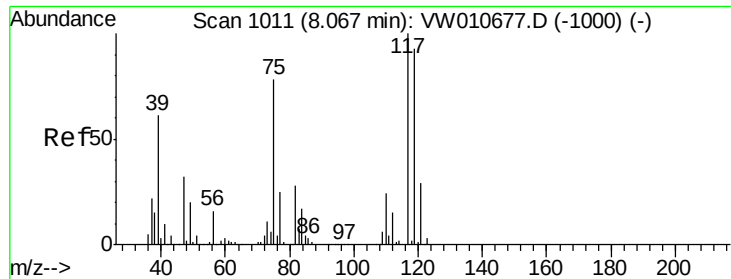


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

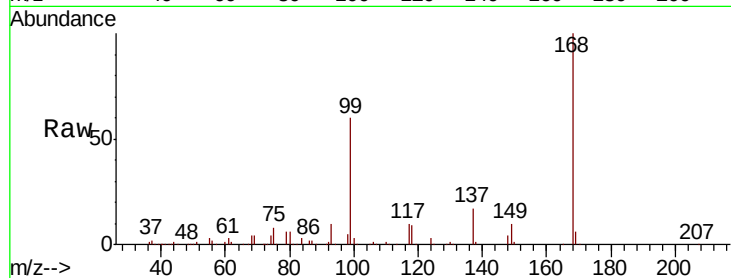




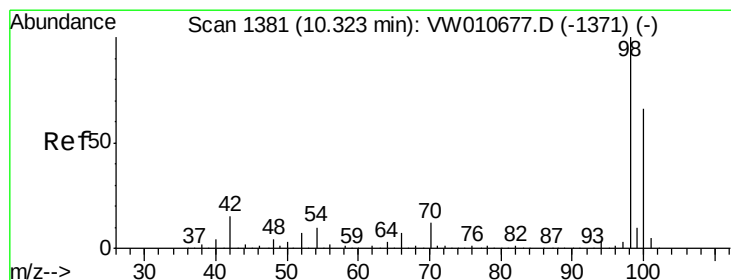
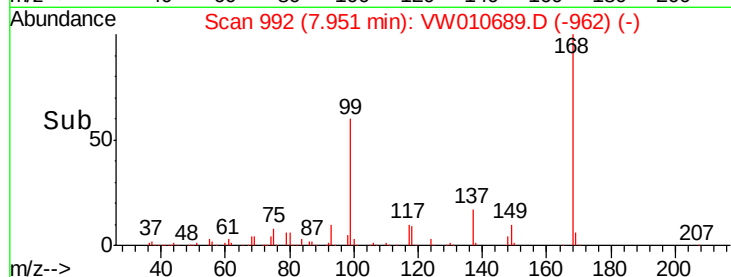
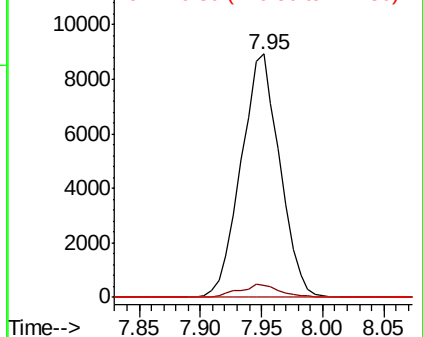
#38
Carbon Tetrachloride
Concen: 6.562 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW010689.D
Acq: 05 Jun 2019 13:48

Instrument :
MSVOA_W
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MASONRY-COMPOSITE

Tgt Ion: 117 Resp: 19681
Ion Ratio Lower Upper
117 100
119 4.8 74.2 111.4#
121 0.0 22.9 34.3#

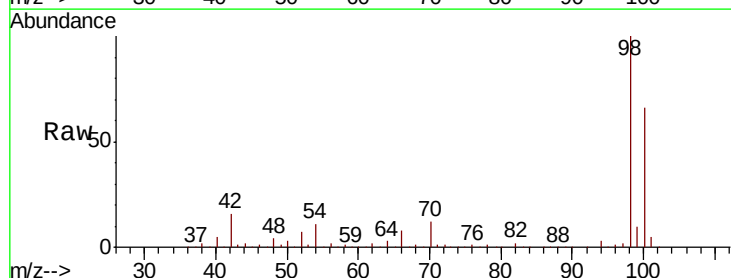


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

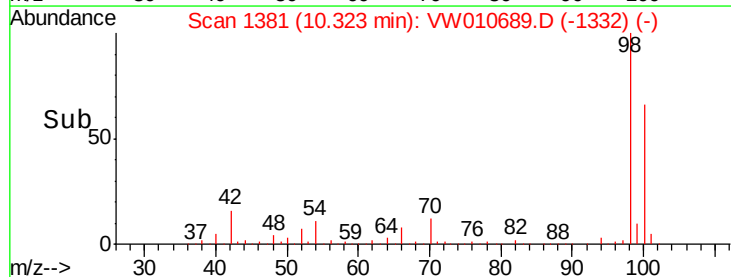
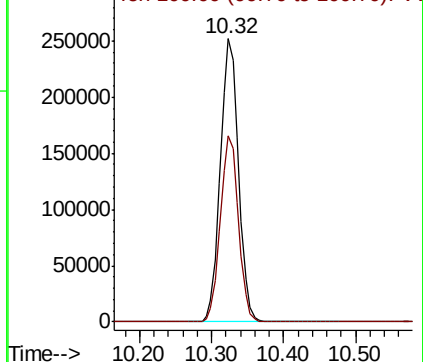


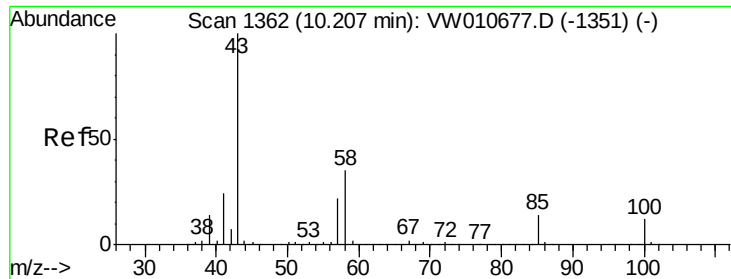
#50
Toluene-d8
Concen: 54.595 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010689.D
Acq: 05 Jun 2019 13:48

Tgt Ion: 98 Resp: 441084
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

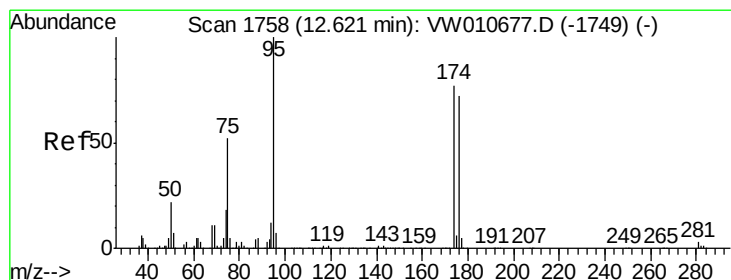
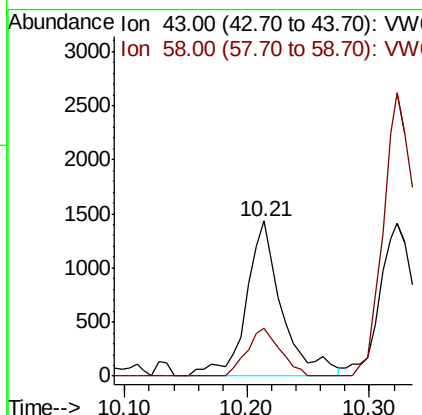
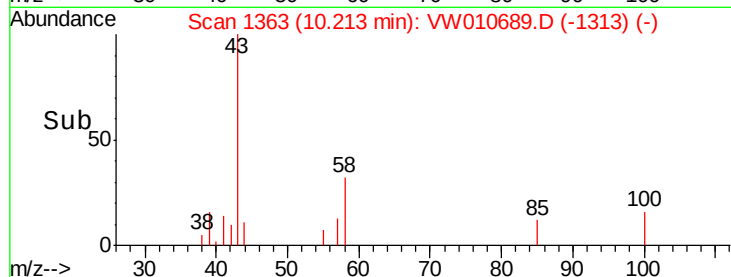
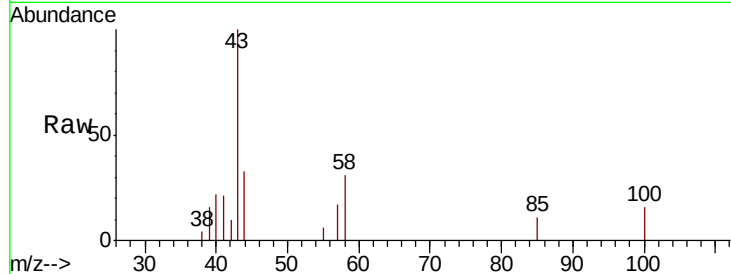




#51
 4-Methyl-2-Pentanone
 Concen: 1.531 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: VW010689.D
 Acq: 05 Jun 2019 13:48

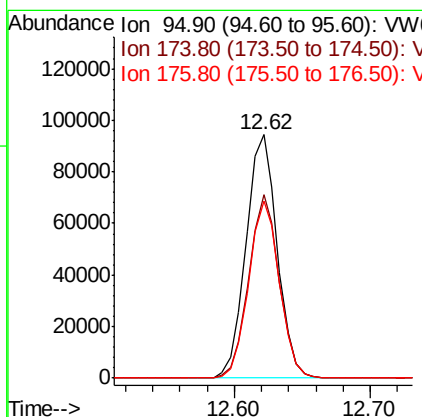
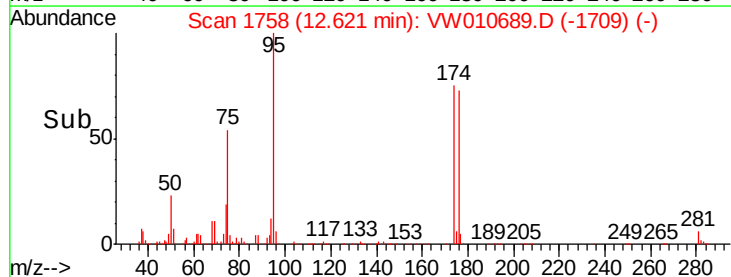
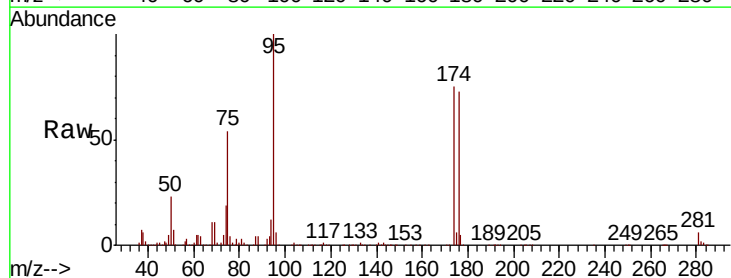
Instrument :
 MSVOA_W
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 MASONRY-COMPOSITE

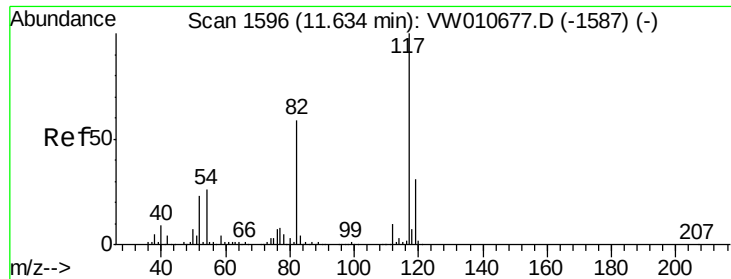
Tgt Ion: 43 Resp: 2910
 Ion Ratio Lower Upper
 43 100
 58 28.7 28.4 42.6



#62
 4-Bromofluorobenzene
 Concen: 51.487 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW010689.D
 Acq: 05 Jun 2019 13:48

Tgt Ion: 95 Resp: 151367
 Ion Ratio Lower Upper
 95 100
 174 73.6 0.0 150.4
 176 71.9 0.0 144.8

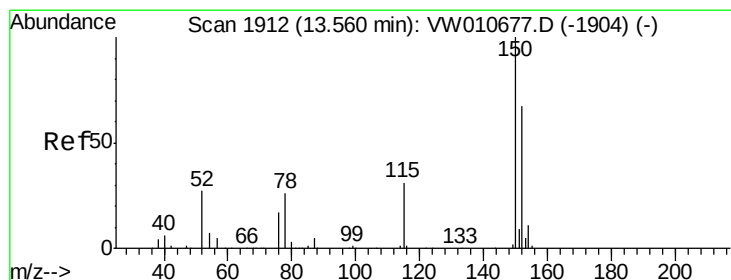
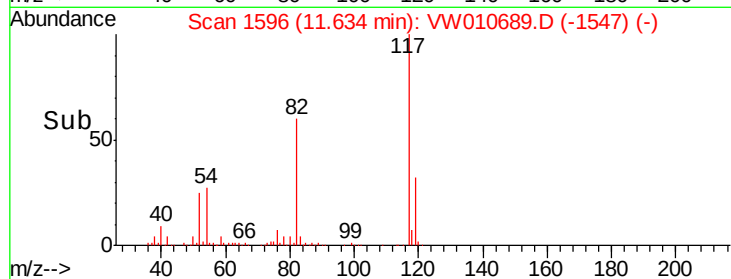
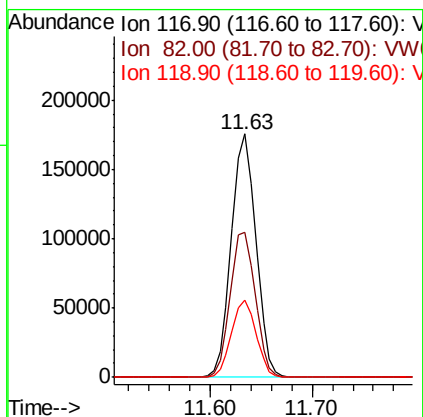
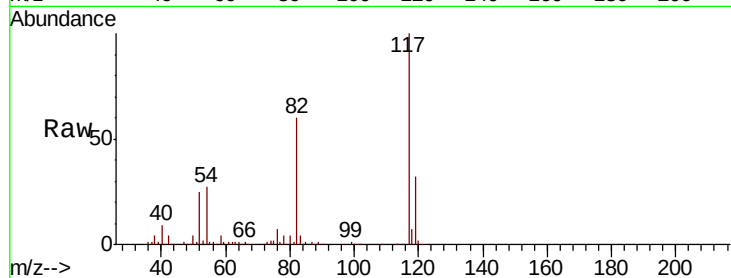




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010689.D
Acq: 05 Jun 2019 13:48

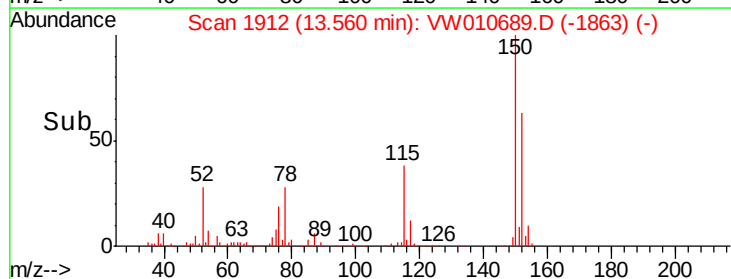
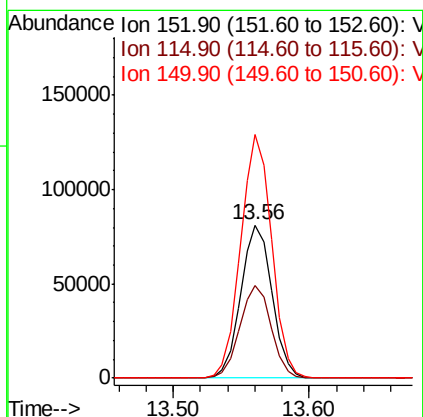
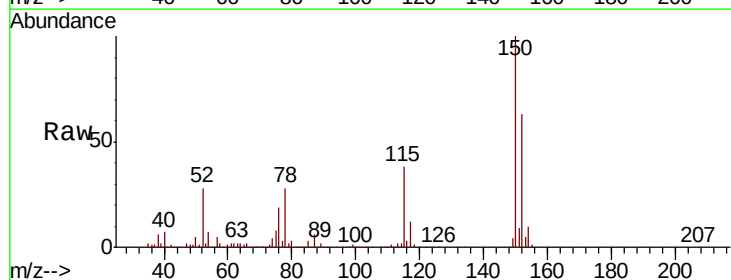
Instrument :
MSVOA_W
ClientSampleId :
MASONRY-COMPOSITE

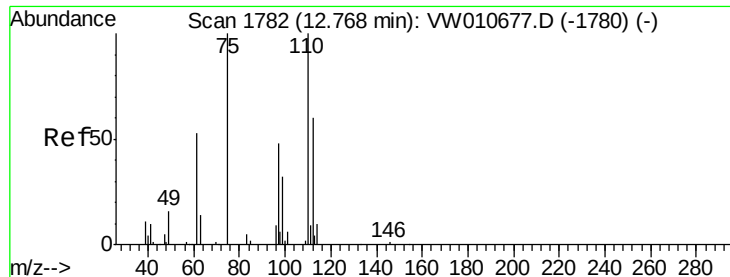
Tgt Ion	Ratio	Lower	Upper
117	100		
82	59.6	47.0	70.4
119	31.8	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010689.D
Acq: 05 Jun 2019 13:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.4	29.8	89.3
150	157.7	0.0	345.0





#76

1,2,3-Trichloropropane

Concen: 59.771 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010689.D

Acq: 05 Jun 2019 13:48

Instrument :

MSVOA_W

ClientSampleId :

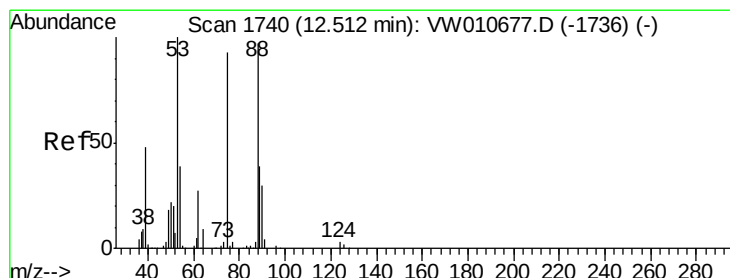
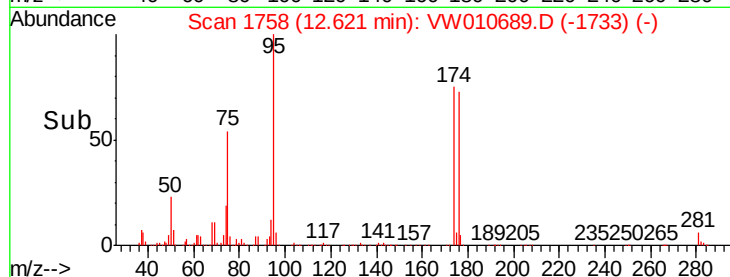
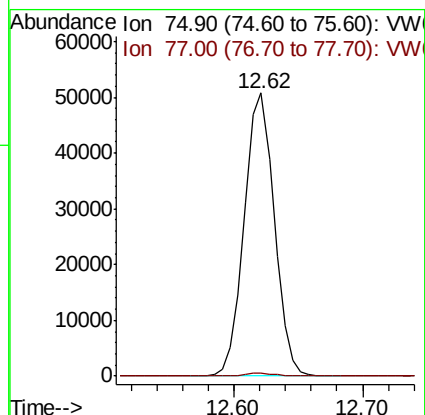
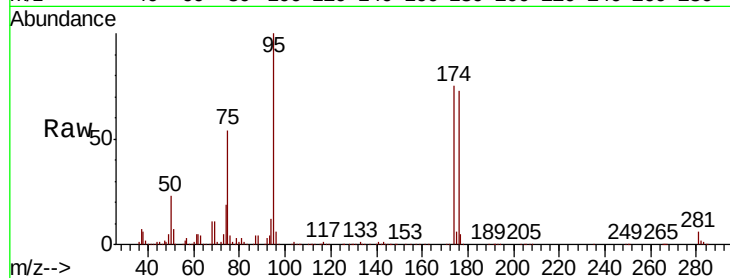
MASONRY-COMPOSITE

Tgt Ion: 75 Resp: 81722

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 137.373 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010689.D

Acq: 05 Jun 2019 13:48

Tgt Ion: 75 Resp: 81722

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

89 0.0 34.6 52.0#

