

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011819\
 Data File : VW008352.D
 Acq On : 18 Jan 2019 13:28
 Operator : SY/VA
 Sample : K1188-02RE
 Misc : 6.32G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S2-FRONT-HOUSE-7RE

Quant Time: Jan 19 01:44:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 18 00:57:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	30388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	53718	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	49813	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	19981	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	21598	68.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	136.66%	
35) Dibromofluoromethane	7.88	113	19160	55.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.76%	
50) Toluene-d8	10.32	98	70112	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	
62) 4-Bromofluorobenzene	12.62	95	21707	44.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.86%	

Target Compounds

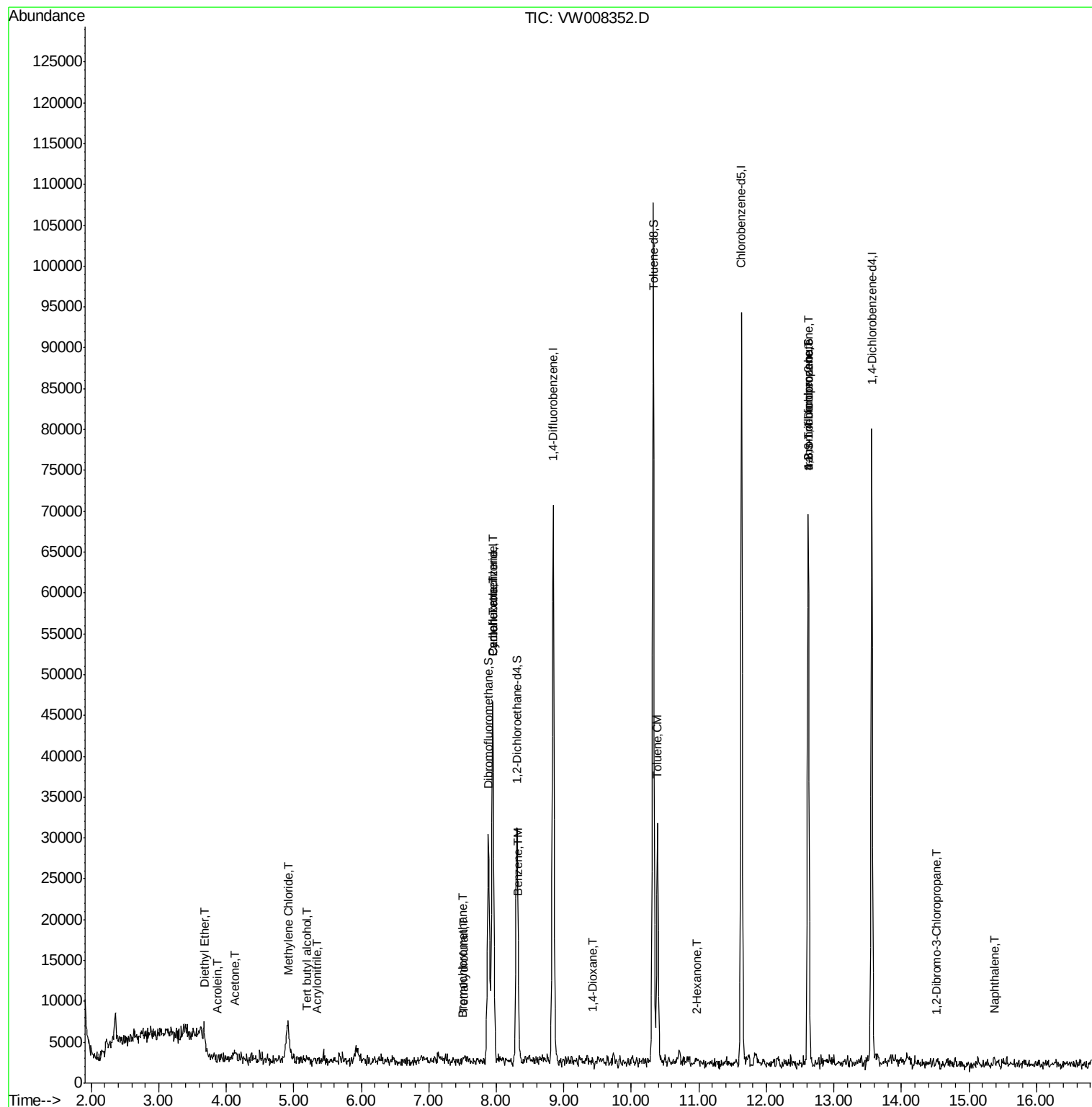
						Qvalue
8) Diethyl Ether	3.68	74	584	3.198	ug/l	91
11) Tert butyl alcohol	5.20	59	185	8.692	ug/l #	34
13) Acrolein	3.87	56	131	13.529	ug/l	98
15) Acrylonitrile	5.34	53	117	1.668	ug/l #	68
16) Acetone	4.12	43	1963	26.740	ug/l	97
20) Methylene Chloride	4.91	84	3284	6.558	ug/l #	82
28) Bromochloromethane	7.49	49	270	1.058	ug/l #	97
29) Tetrahydrofuran	7.52	42	310	5.289	ug/l #	59
31) Cyclohexane	7.95	56	1095	1.855	ug/l #	51
38) Carbon Tetrachloride	7.95	117	3301	6.185	ug/l #	14
40) Benzene	8.33	78	1628	1.063	ug/l #	87
49) 1,4-Dioxane	9.42	88	23	7.209	ug/l #	1
52) Toluene	10.39	92	12182	12.574	ug/l	100
59) 2-Hexanone	10.98	43	255	1.707	ug/l	72
76) 1,2,3-Trichloropropane	12.62	75	11110	61.058	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	11110	145.710	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	14.52	75	53	1.309	ug/l #	1
95) Naphthalene	15.38	128	314	2.720	ug/l #	95

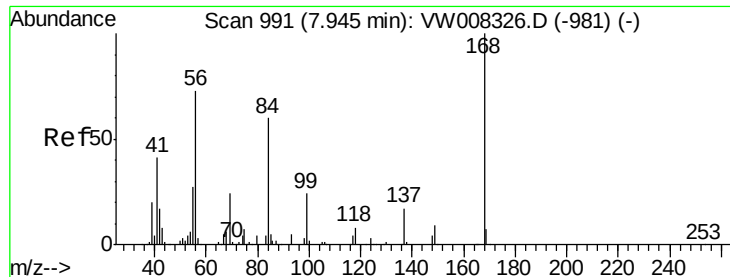
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW011819\
Data File : VW008352.D
Acq On : 18 Jan 2019 13:28
Operator : SY/VA
Sample : K1188-02RE
Misc : 6.32G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S2-FRONT-HOUSE-7RE

Quant Time: Jan 19 01:44:19 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 18 00:57:07 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: VW008352.D

Acq: 18 Jan 2019 13:28

Instrument :

MSVOA_W

ClientSampleId :

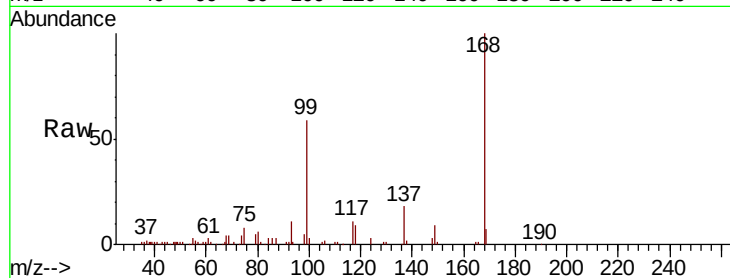
S2-FRONT-HOUSE-7RE

Tgt Ion:168 Resp: 30388

Ion Ratio Lower Upper

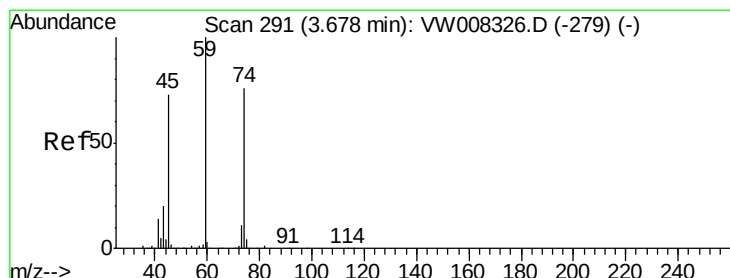
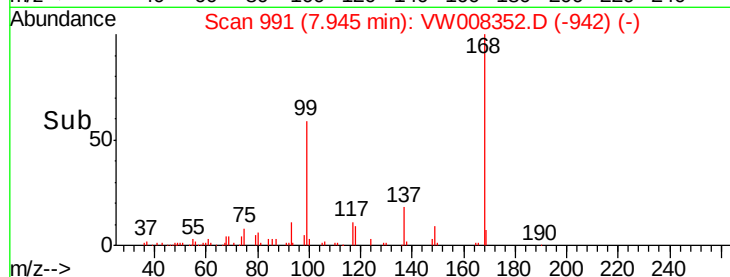
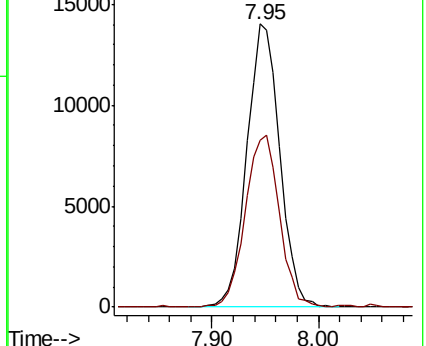
168 100

99 58.8 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 3.198 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VW008352.D

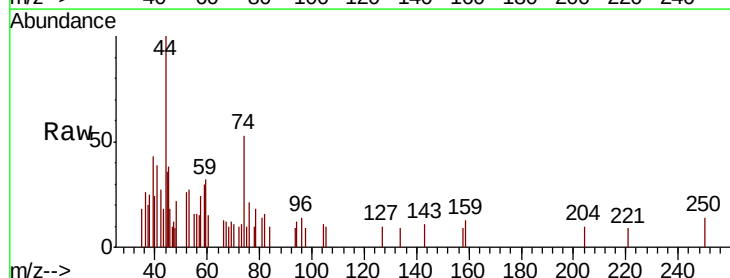
Acq: 18 Jan 2019 13:28

Tgt Ion: 74 Resp: 584

Ion Ratio Lower Upper

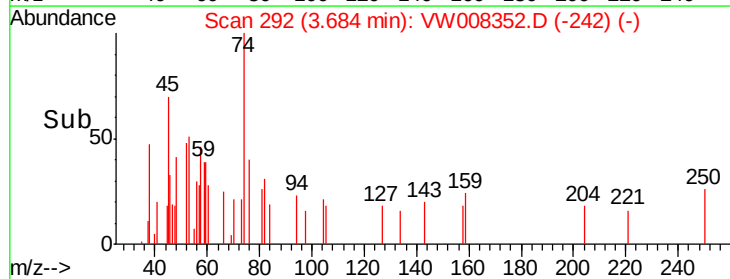
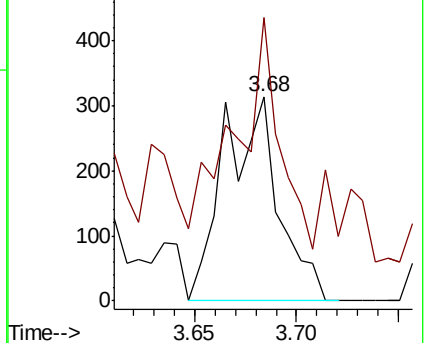
74 100

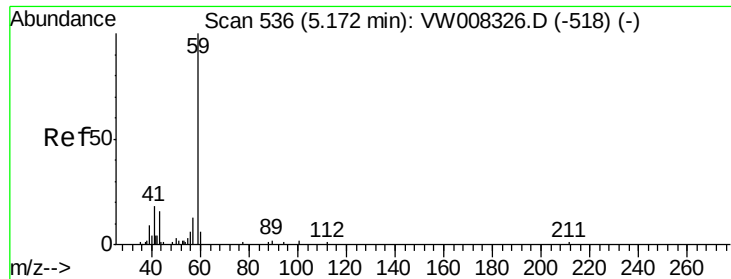
45 91.4 50.1 150.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

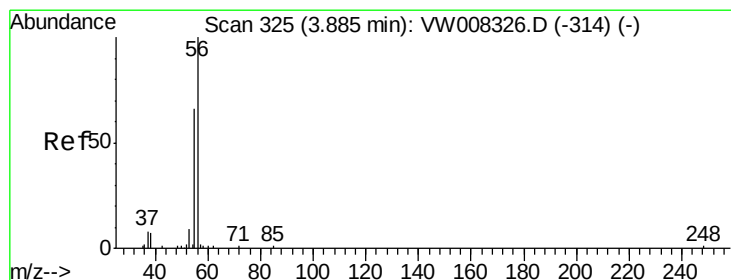
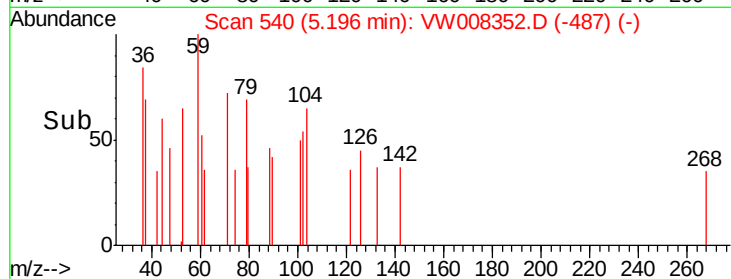
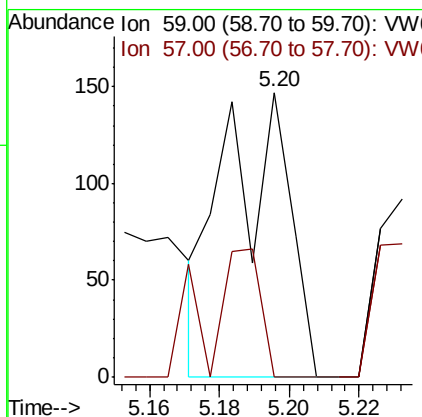
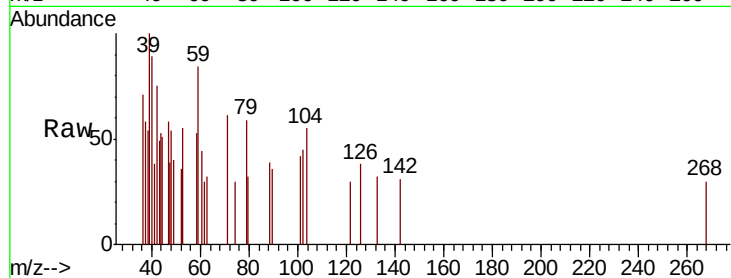




#11
Tert butyl alcohol
Concen: 8.692 ug/l
RT: 5.20 min Scan# 540
Delta R.T. 0.02 min
Lab File: VW008352.D
Acq: 18 Jan 2019 13:28

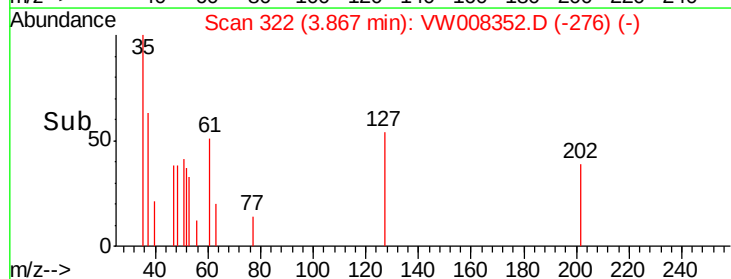
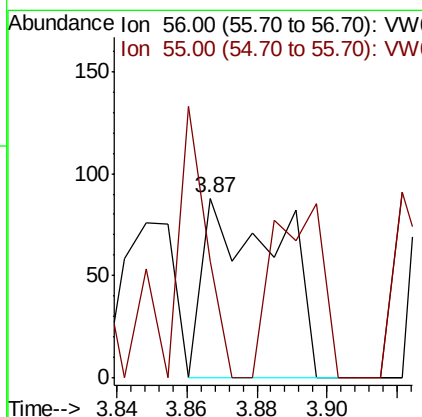
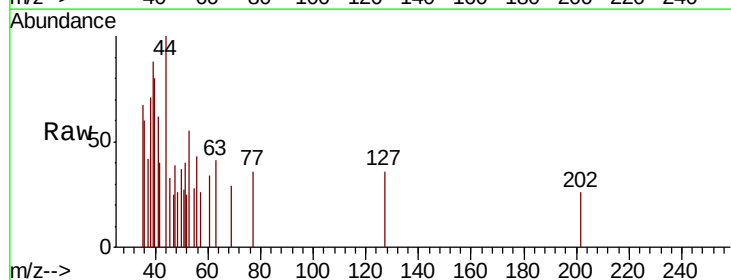
Instrument :
MSVOA_W
ClientSampleId :
S2-FRONT-HOUSE-7RE

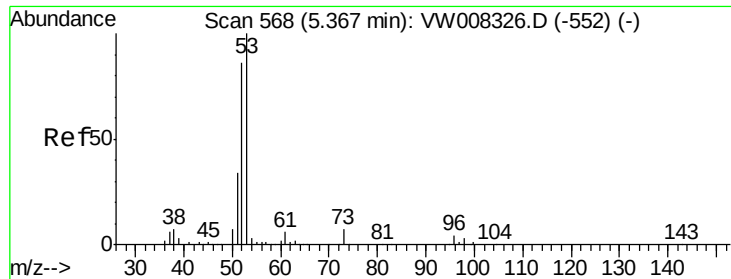
Tgt Ion: 59 Resp: 185
Ion Ratio Lower Upper
59 100
57 37.3 9.4 14.2#



#13
Acrolein
Concen: 13.529 ug/l
RT: 3.87 min Scan# 322
Delta R.T. -0.02 min
Lab File: VW008352.D
Acq: 18 Jan 2019 13:28

Tgt Ion: 56 Resp: 131
Ion Ratio Lower Upper
56 100
55 67.9 52.9 79.3





#15

Acrylonitrile

Concen: 1.668 ug/l

RT: 5.34 min Scan# 564

Delta R.T. -0.02 min

Lab File: VW008352.D

Acq: 18 Jan 2019 13:28

Instrument :

MSVOA_W

ClientSampleId :

S2-FRONT-HOUSE-7RE

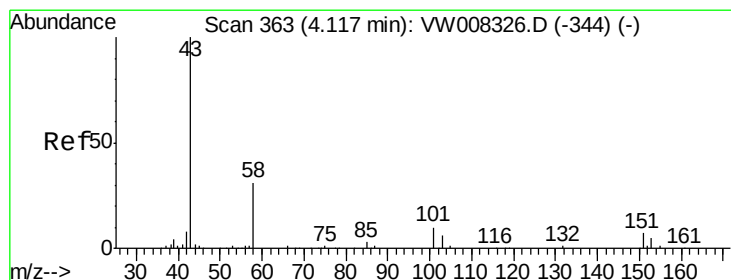
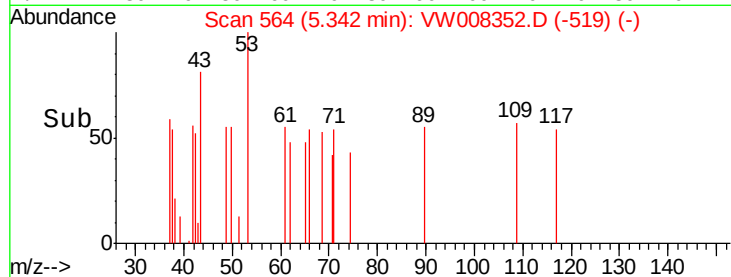
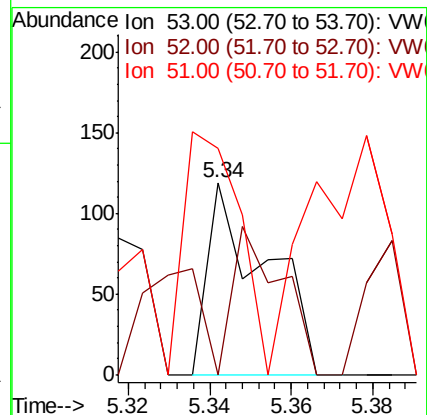
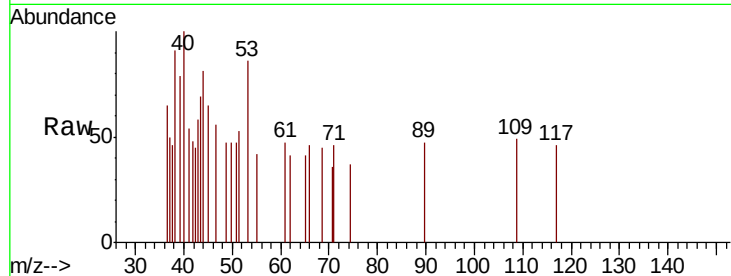
Tgt Ion: 53 Resp: 117

Ion Ratio Lower Upper

53 100

52 65.8 66.4 99.6#

51 0.0 29.6 44.4#



#16

Acetone

Concen: 26.740 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW008352.D

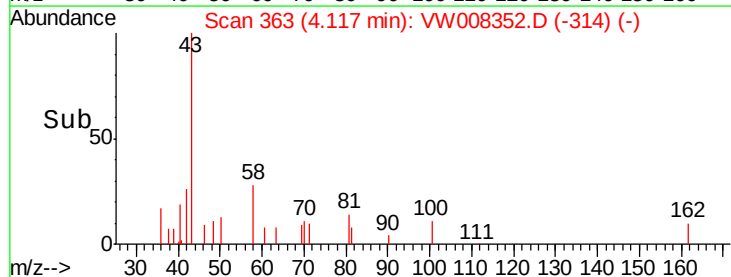
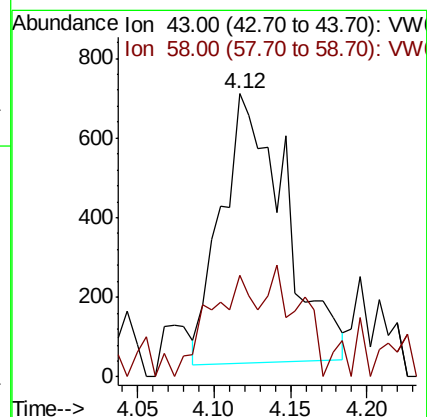
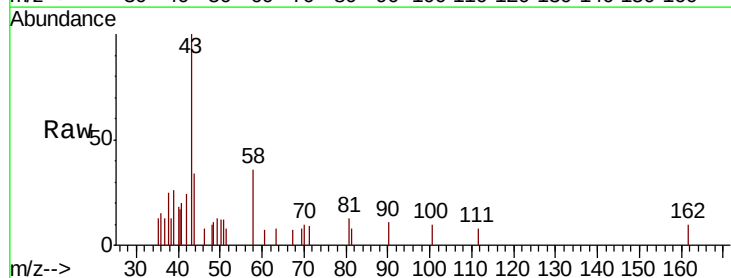
Acq: 18 Jan 2019 13:28

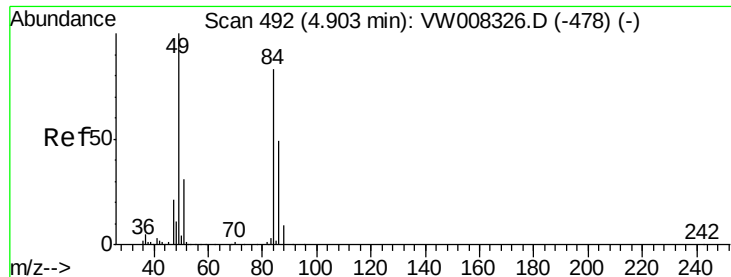
Tgt Ion: 43 Resp: 1963

Ion Ratio Lower Upper

43 100

58 32.4 24.7 37.1

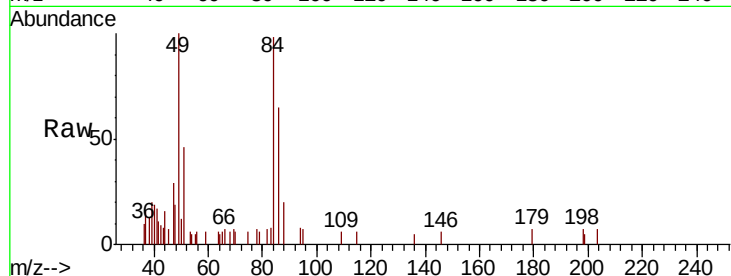




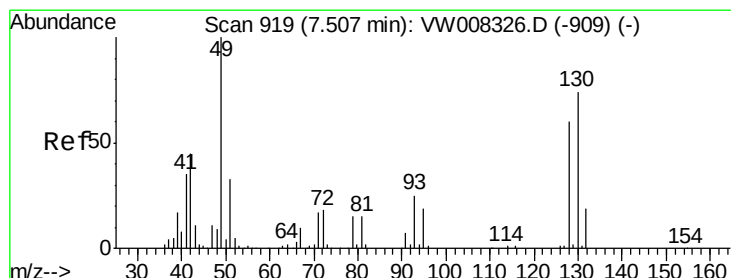
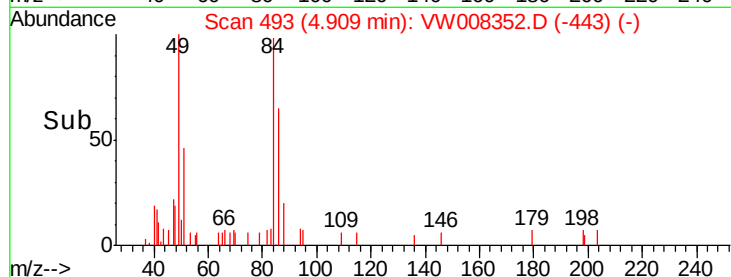
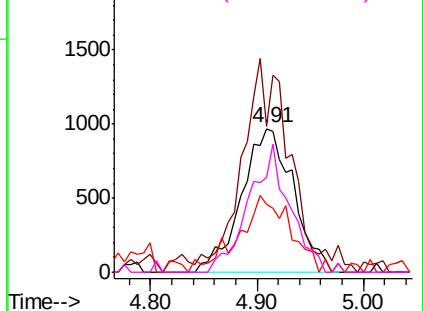
#20
Methylene Chloride
Concen: 6.558 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW008352.D
Acq: 18 Jan 2019 13:28

Instrument :
MSVOA_W
ClientSampleId :
S2-FRONT-HOUSE-7RE

Tgt Ion: 84 Resp: 3284
Ion Ratio Lower Upper
84 100
49 94.3 95.9 143.9#
51 47.2 29.3 43.9#
86 65.8 47.4 71.2

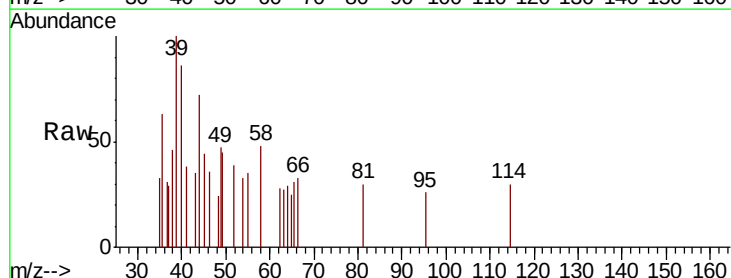


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

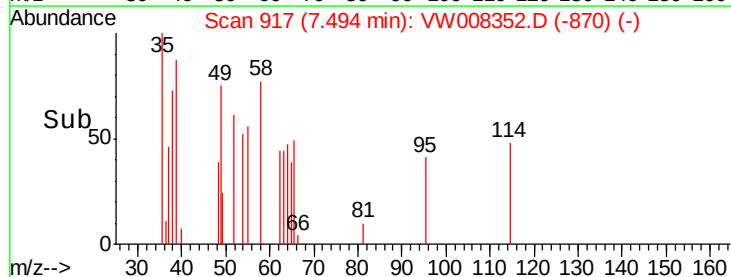
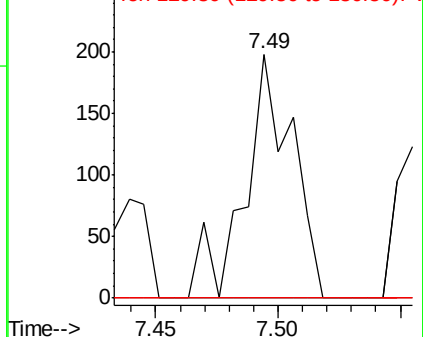


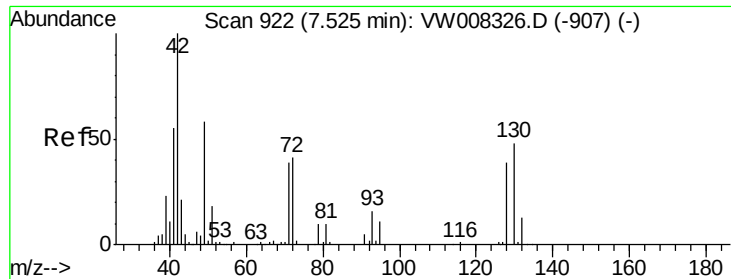
#28
Bromochloromethane
Concen: 1.058 ug/l
RT: 7.49 min Scan# 917
Delta R.T. -0.01 min
Lab File: VW008352.D
Acq: 18 Jan 2019 13:28

Tgt Ion: 49 Resp: 270
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.6
130 0.0 0.0 0.0



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

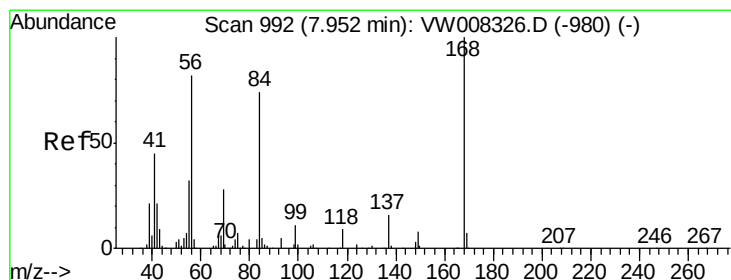
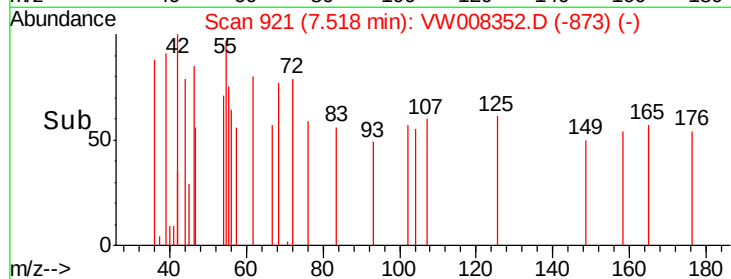
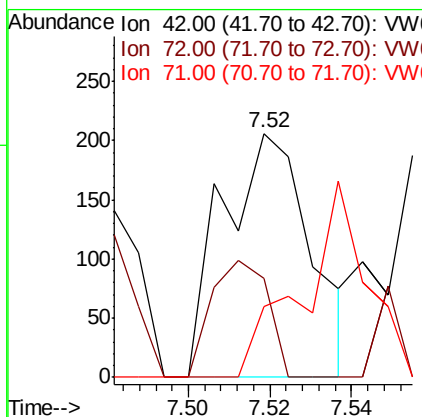
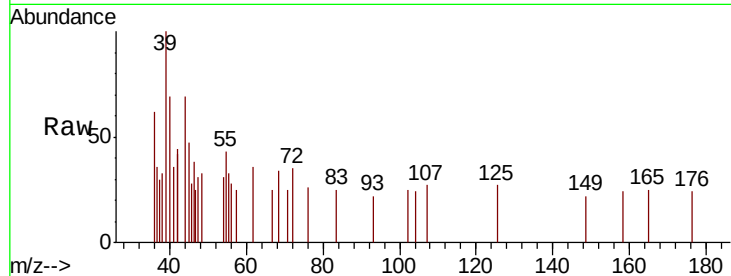




#29
Tetrahydrofuran
Concen: 5.289 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.01 min
Lab File: VW008352.D
Acq: 18 Jan 2019 13:28

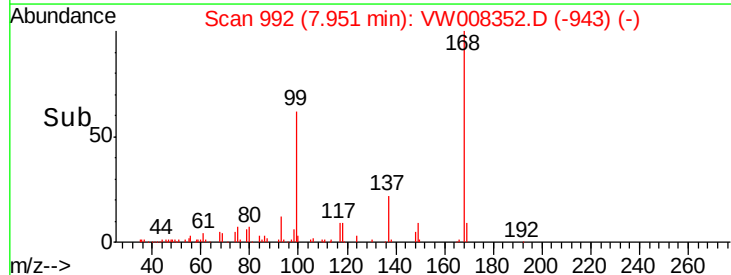
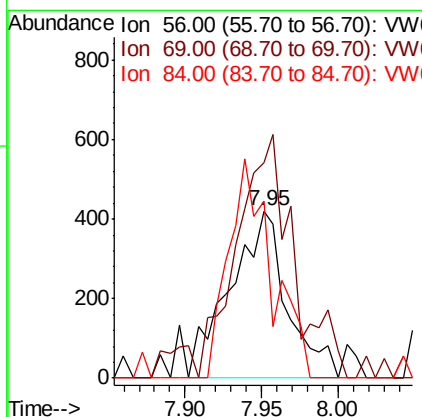
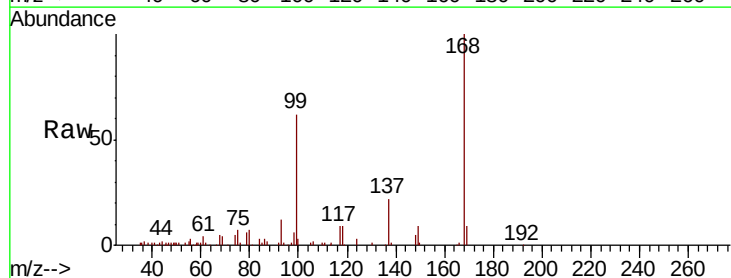
Instrument :
MSVOA_W
ClientSampleId :
S2-FRONT-HOUSE-7RE

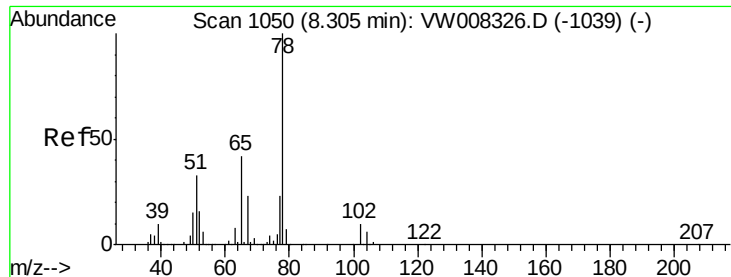
Tgt Ion: 42 Resp: 310
Ion Ratio Lower Upper
42 100
72 30.6 34.0 51.0#
71 0.0 32.0 48.0#



#31
Cyclohexane
Concen: 1.855 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW008352.D
Acq: 18 Jan 2019 13:28

Tgt Ion: 56 Resp: 1095
Ion Ratio Lower Upper
56 100
69 112.6 27.0 40.6#
84 105.7 72.5 108.7

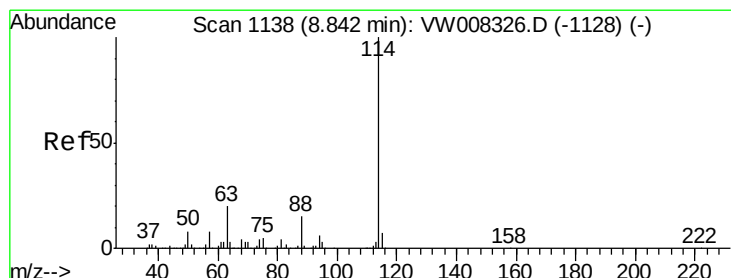
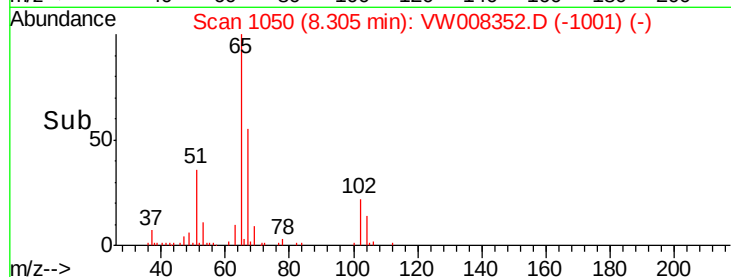
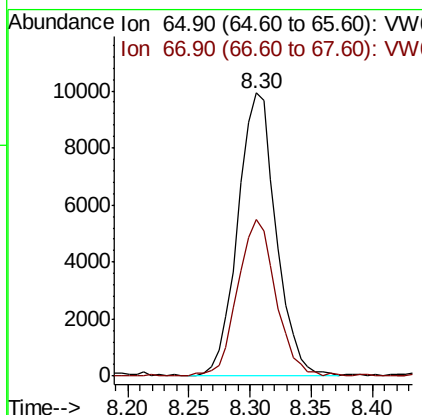
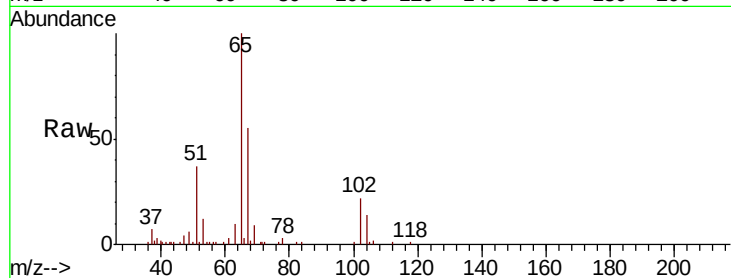




#33
 1,2-Dichloroethane-d4
 Concen: 68.326 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008352.D
 Acq: 18 Jan 2019 13:28

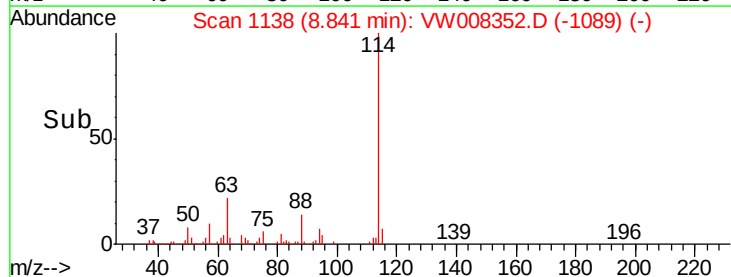
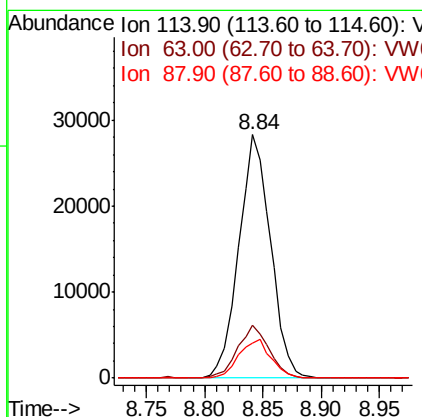
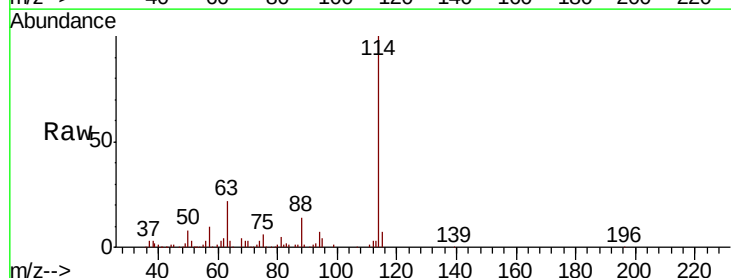
Instrument :
 MSVOA_W
 ClientSampleId :
 S2-FRONT-HOUSE-7RE

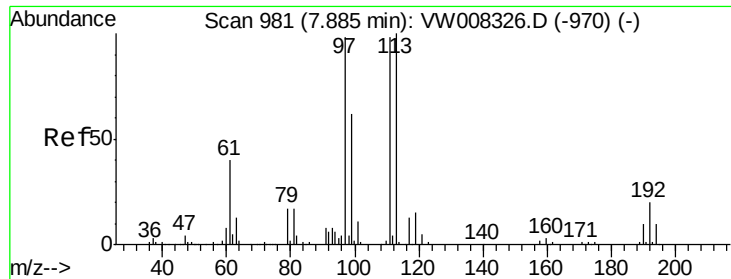
Tgt Ion: 65 Resp: 21598
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008352.D
 Acq: 18 Jan 2019 13:28

Tgt Ion: 114 Resp: 53718
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 40.8
 88 14.3 0.0 30.4

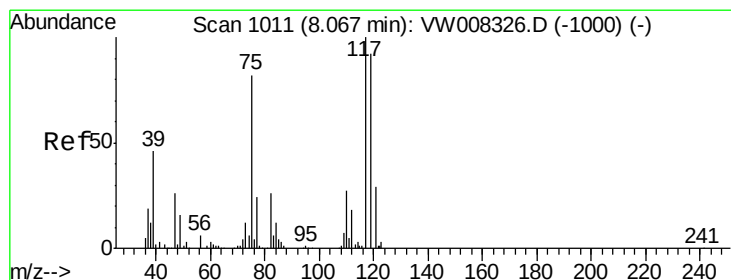
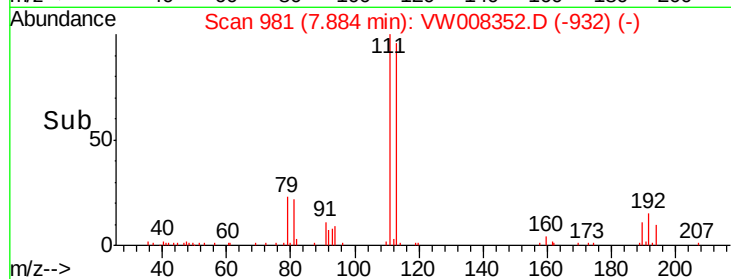
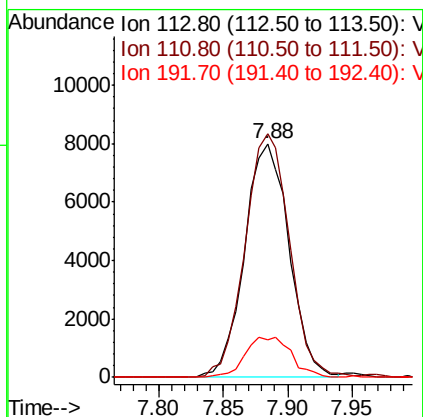
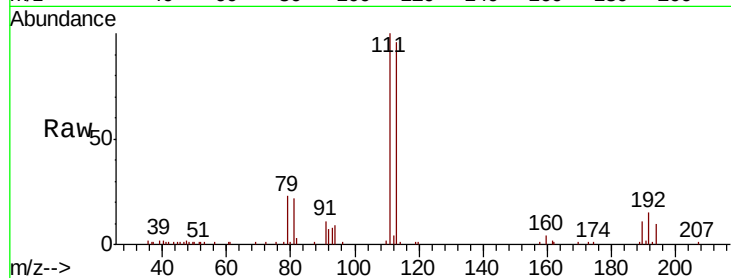




#35
 Dibromofluoromethane
 Concen: 55.876 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008352.D
 Acq: 18 Jan 2019 13:28

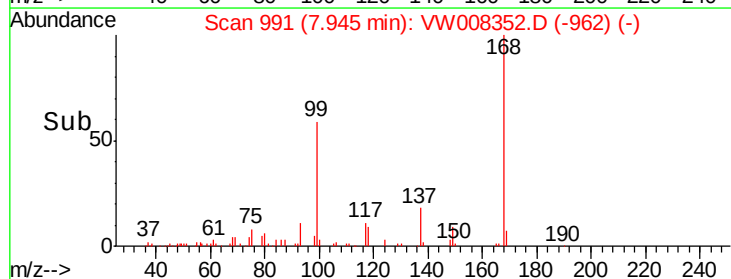
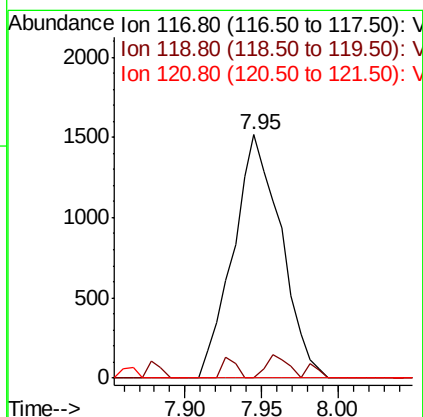
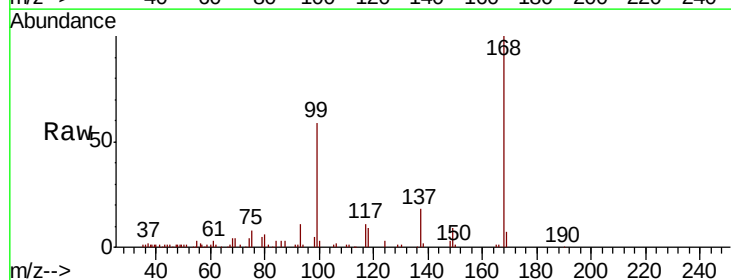
Instrument :
 MSVOA_W
 ClientSampleId :
 S2-FRONT-HOUSE-7RE

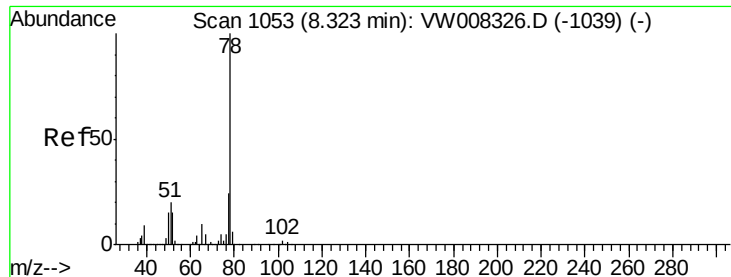
Tgt Ion:113 Resp: 19160
 Ion Ratio Lower Upper
 113 100
 111 104.1 81.8 122.8
 192 17.8 16.3 24.5



#38
 Carbon Tetrachloride
 Concen: 6.185 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW008352.D
 Acq: 18 Jan 2019 13:28

Tgt Ion:117 Resp: 3301
 Ion Ratio Lower Upper
 117 100
 119 0.0 73.8 110.6#
 121 0.0 23.4 35.0#





#40

Benzene

Concen: 1.063 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VW008352.D

Acq: 18 Jan 2019 13:28

Instrument :

MSVOA_W

ClientSampleId :

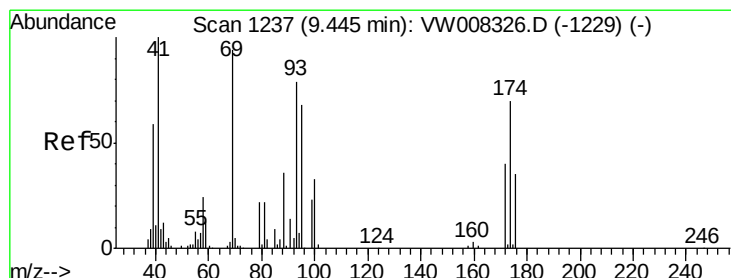
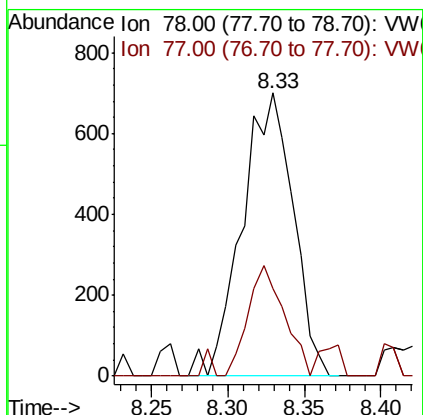
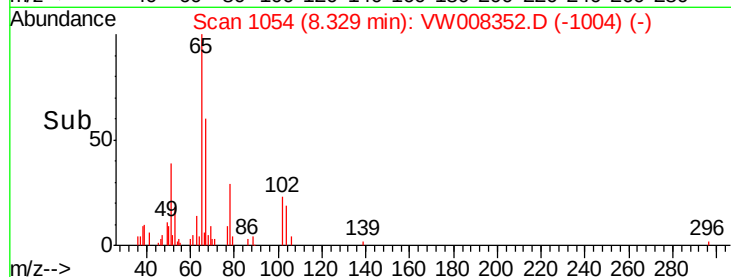
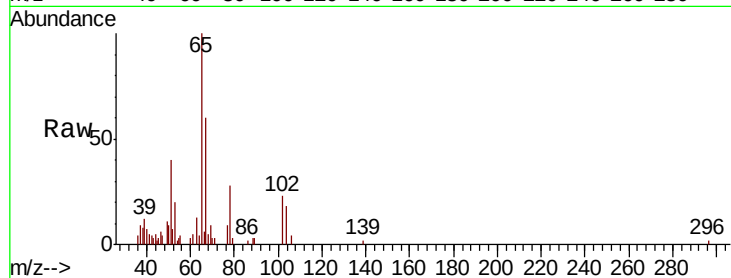
S2-FRONT-HOUSE-7RE

Tgt Ion: 78 Resp: 1628

Ion Ratio Lower Upper

78 100

77 30.9 19.4 29.0#



#49

1,4-Dioxane

Concen: 7.209 ug/l

RT: 9.42 min Scan# 1233

Delta R.T. -0.02 min

Lab File: VW008352.D

Acq: 18 Jan 2019 13:28

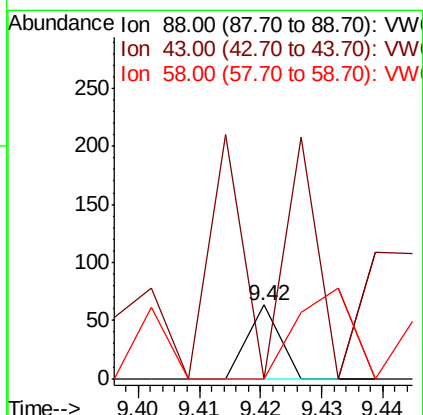
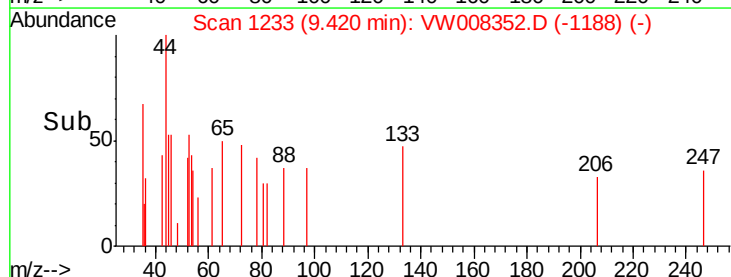
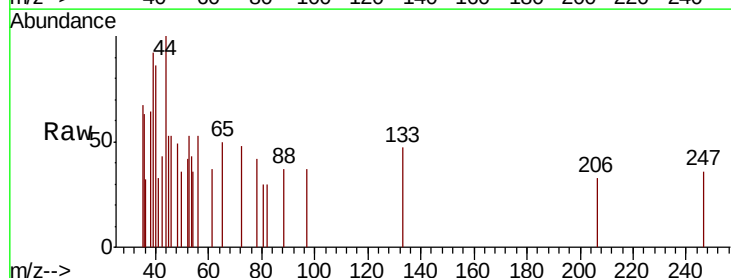
Tgt Ion: 88 Resp: 23

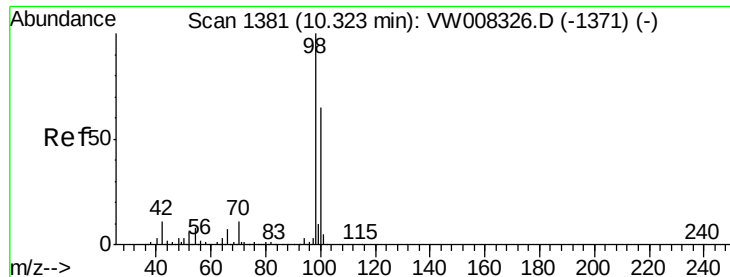
Ion Ratio Lower Upper

88 100

43 456.5 27.1 40.7#

58 295.7 57.9 86.9#

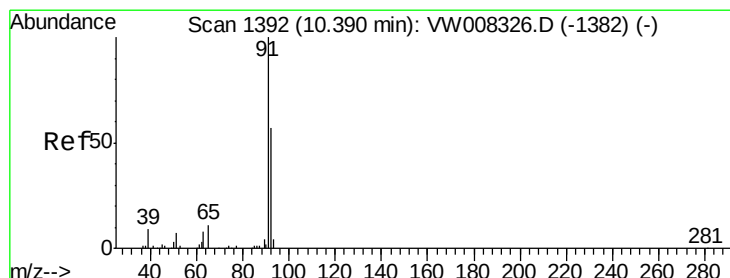
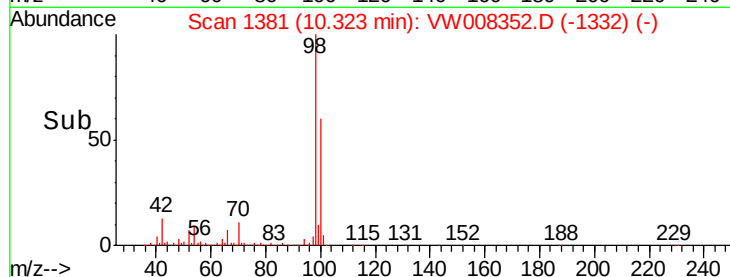
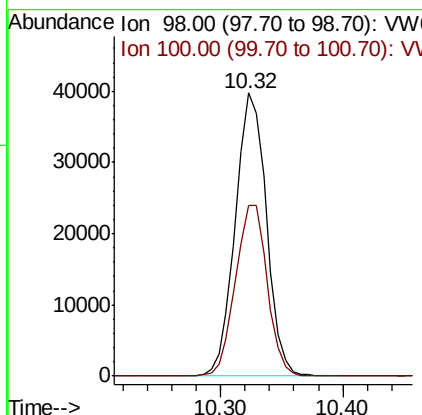
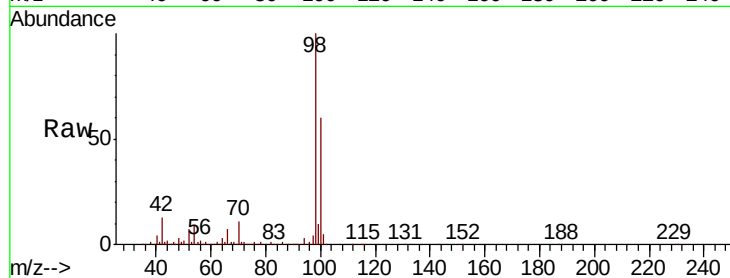




#50
Toluene-d8
Concen: 52.047 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008352.D
Acq: 18 Jan 2019 13:28

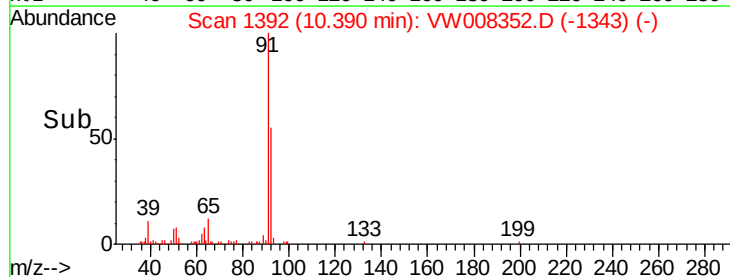
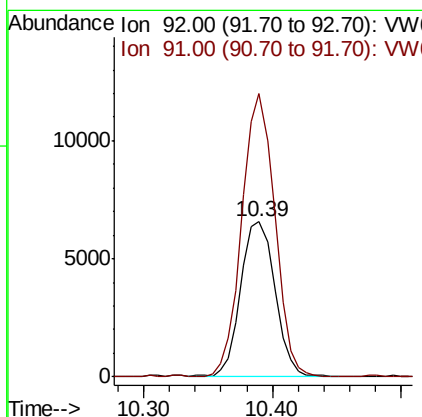
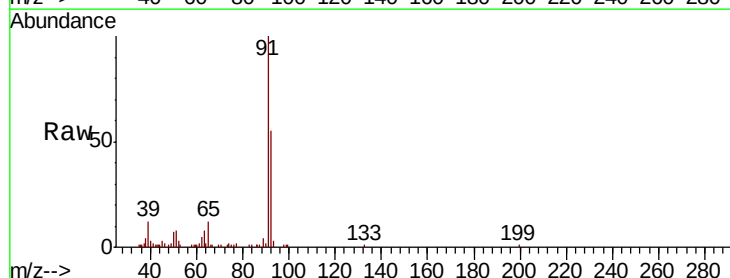
Instrument :
MSVOA_W
ClientSampleId :
S2-FRONT-HOUSE-7RE

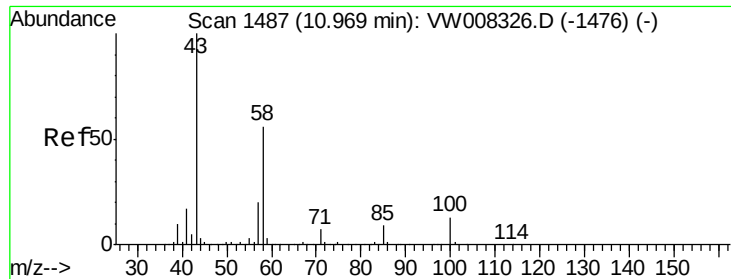
Tgt Ion: 98 Resp: 70112
Ion Ratio Lower Upper
98 100
100 61.8 51.8 77.8



#52
Toluene
Concen: 12.574 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW008352.D
Acq: 18 Jan 2019 13:28

Tgt Ion: 92 Resp: 12182
Ion Ratio Lower Upper
92 100
91 174.6 140.2 210.2





#59

2-Hexanone

Concen: 1.707 ug/l

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW008352.D

Acq: 18 Jan 2019 13:28

Instrument :

MSVOA_W

ClientSampleId :

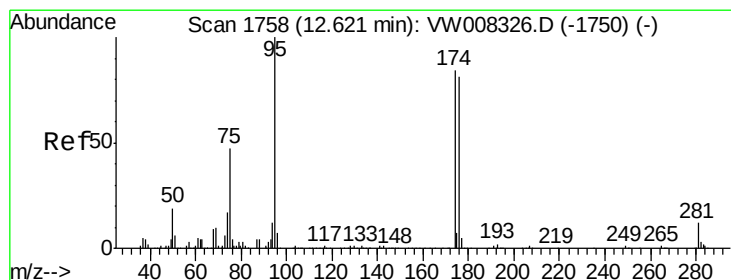
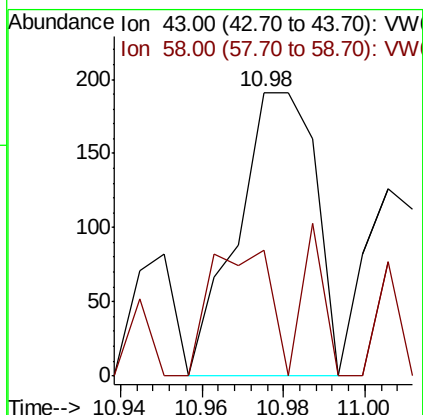
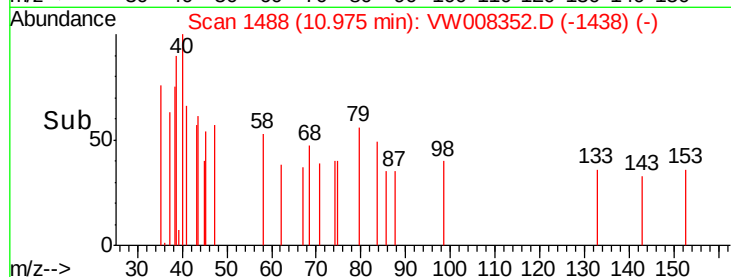
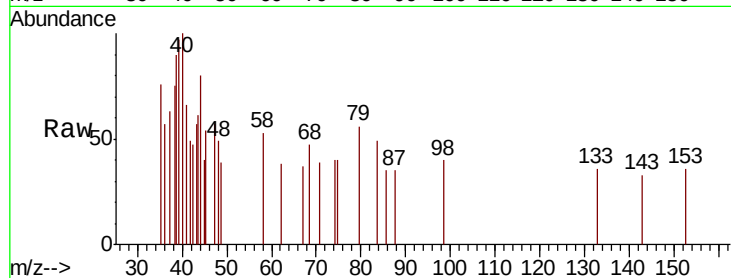
S2-FRONT-HOUSE-7RE

Tgt Ion: 43 Resp: 255

Ion Ratio Lower Upper

43 100

58 34.5 27.5 82.5



#62

4-Bromofluorobenzene

Concen: 44.929 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008352.D

Acq: 18 Jan 2019 13:28

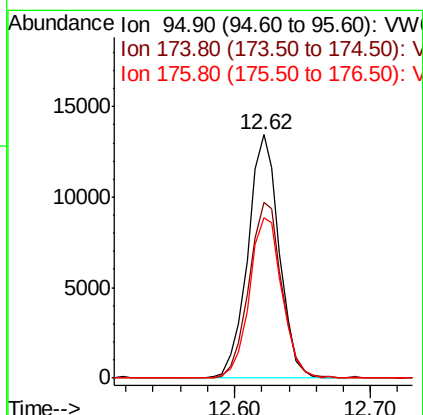
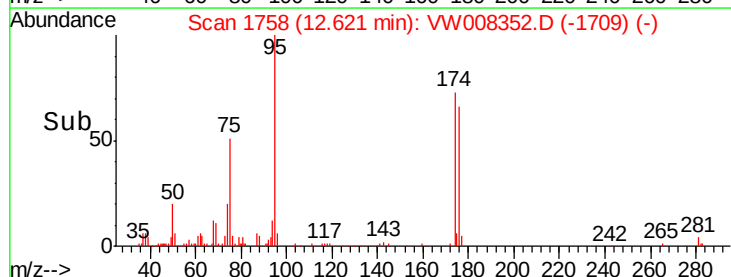
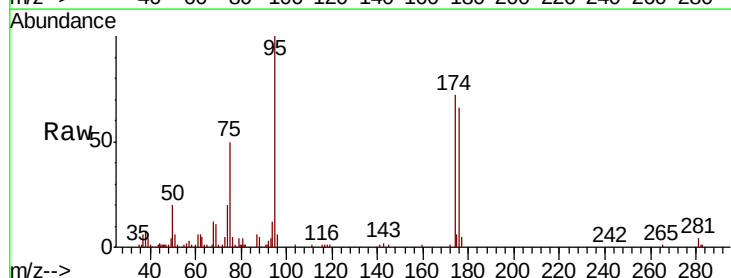
Tgt Ion: 95 Resp: 21707

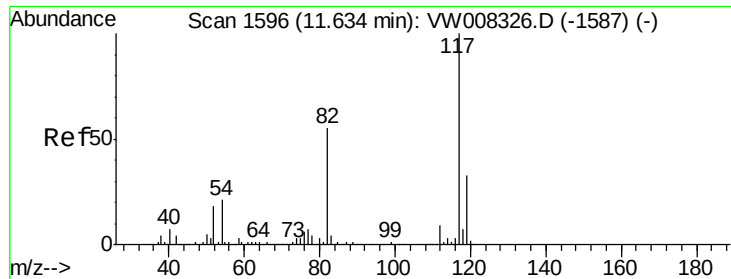
Ion Ratio Lower Upper

95 100

174 75.4 0.0 166.0

176 68.3 0.0 160.0

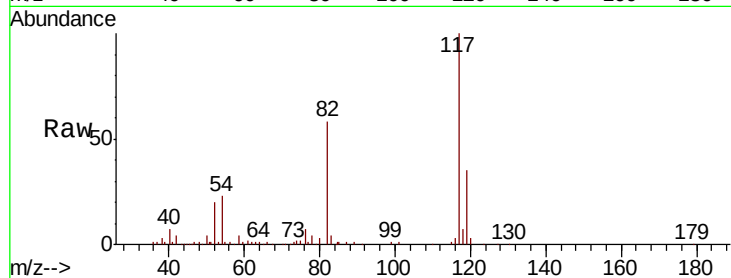




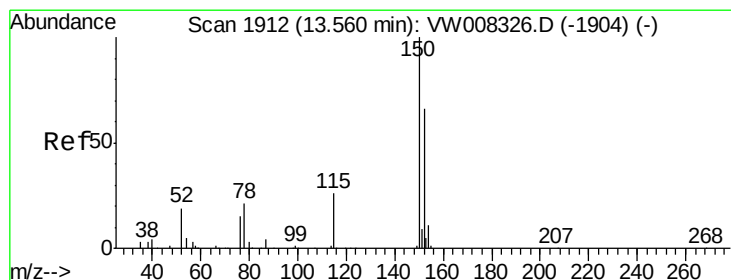
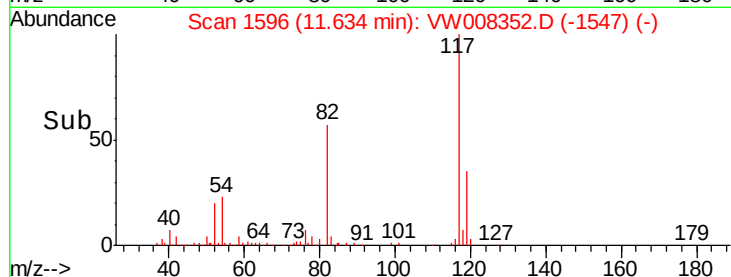
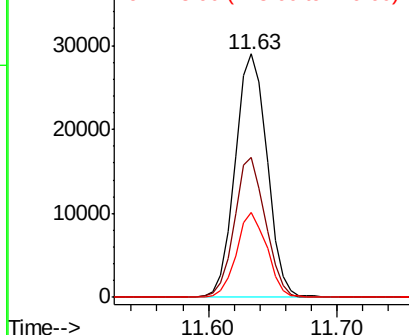
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008352.D
Acq: 18 Jan 2019 13:28

Instrument :
MSVOA_W
ClientSampleId :
S2-FRONT-HOUSE-7RE

Tgt Ion:117 Resp: 49813
Ion Ratio Lower Upper
117 100
82 57.5 44.3 66.5
119 35.1 26.3 39.5

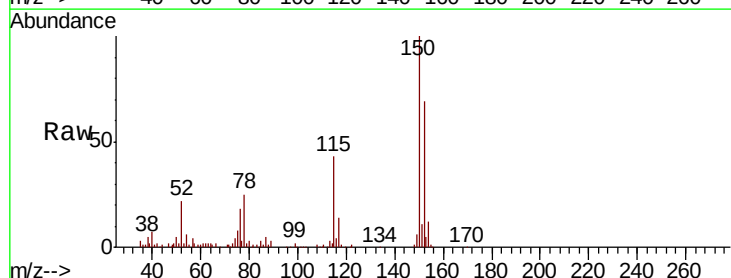


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

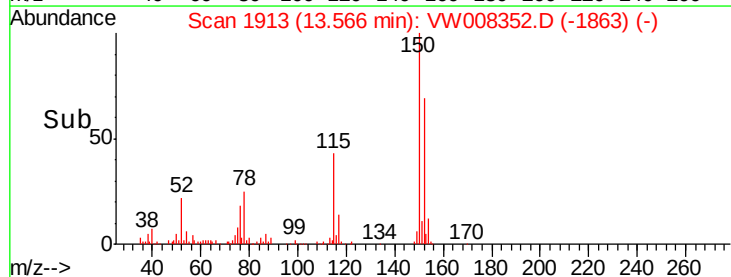
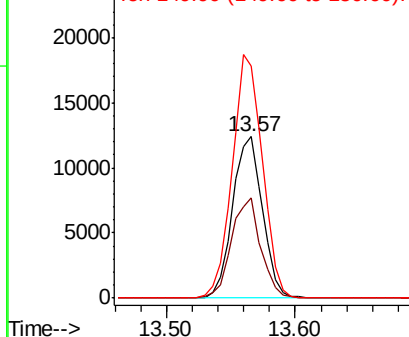


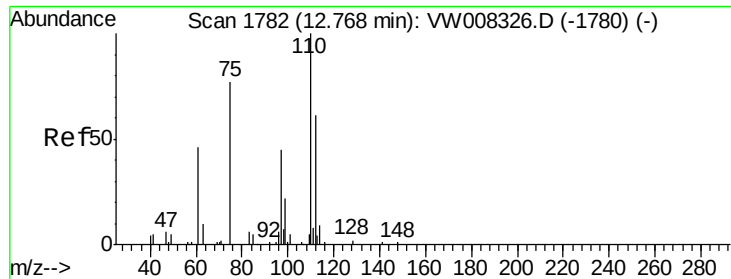
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW008352.D
Acq: 18 Jan 2019 13:28

Tgt Ion:152 Resp: 19981
Ion Ratio Lower Upper
152 100
115 61.2 28.8 86.4
150 152.4 0.0 351.4



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

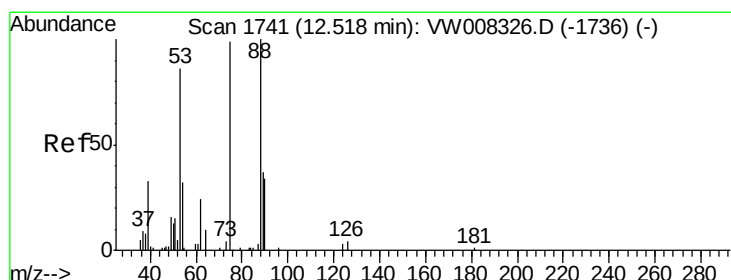
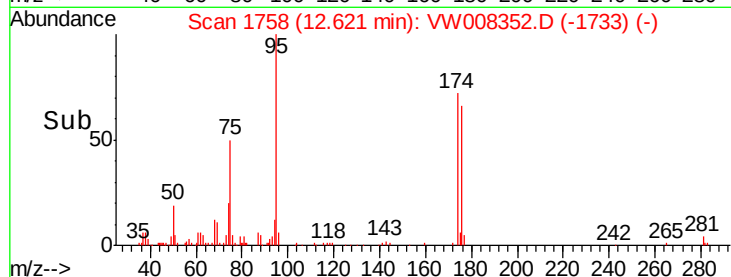
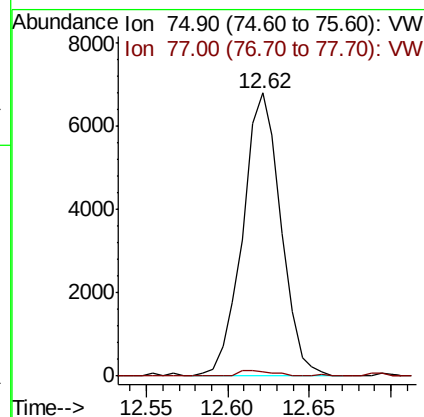
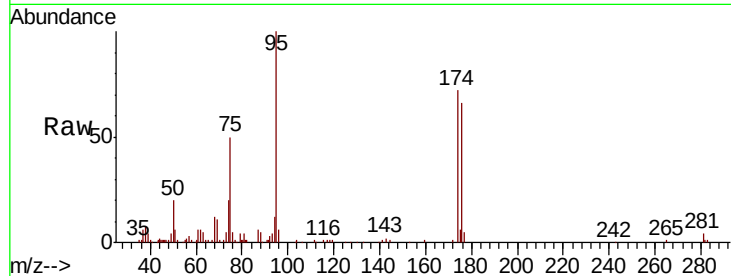




#76
 1,2,3-Trichloropropane
 Concen: 61.058 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW008352.D
 Acq: 18 Jan 2019 13:28

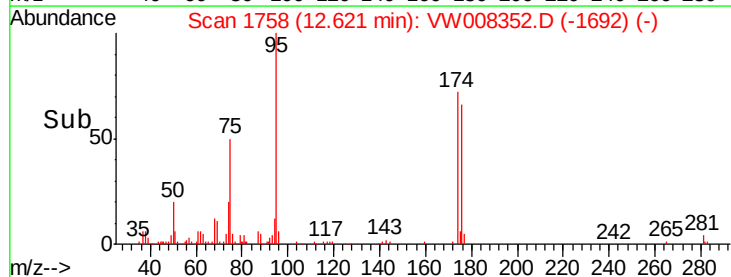
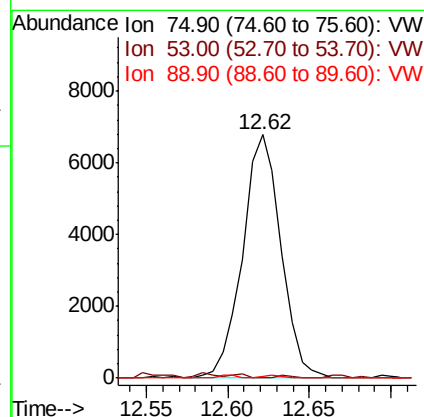
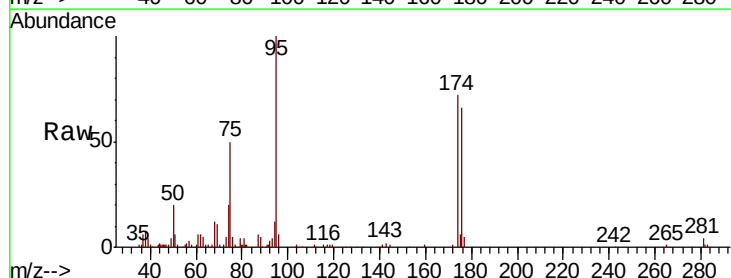
Instrument :
 MSVOA_W
 ClientSampleId :
 S2-FRONT-HOUSE-7RE

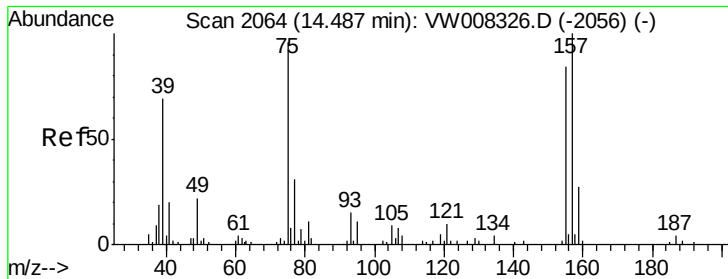
Tgt Ion: 75 Resp: 11110
 Ion Ratio Lower Upper
 75 100
 77 1.8 175.3 526.1#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 145.710 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW008352.D
 Acq: 18 Jan 2019 13:28

Tgt Ion: 75 Resp: 11110
 Ion Ratio Lower Upper
 75 100
 53 0.5 76.2 114.4#
 89 0.6 36.7 55.1#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.309 ug/l

RT: 14.52 min Scan# 2070

Delta R.T. 0.04 min

Lab File: VW008352.D

Acq: 18 Jan 2019 13:28

Instrument :

MSVOA_W

ClientSampleId :

S2-FRONT-HOUSE-7RE

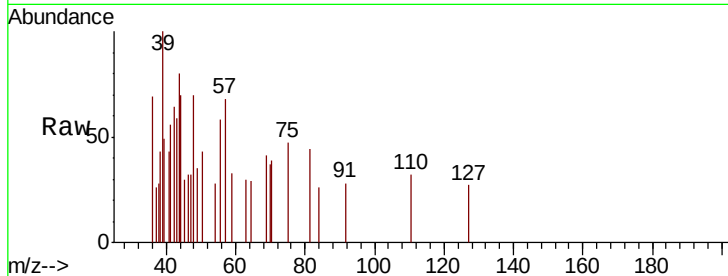
Tgt Ion: 75 Resp: 53

Ion Ratio Lower Upper

75 100

155 0.0 44.7 134.1#

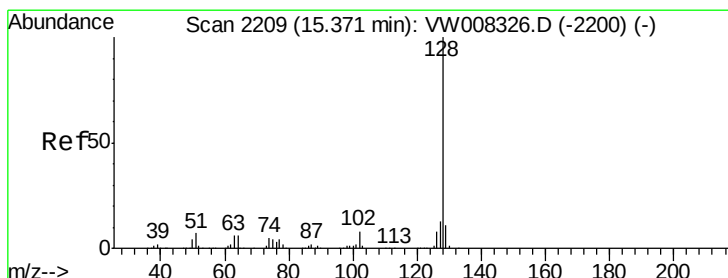
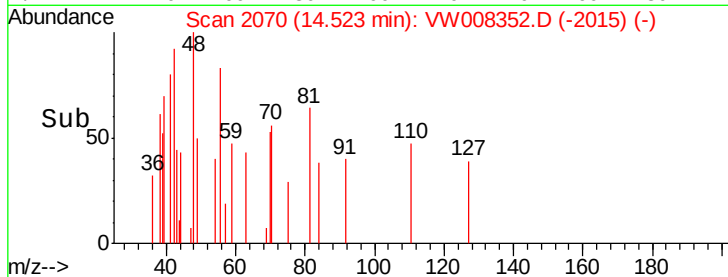
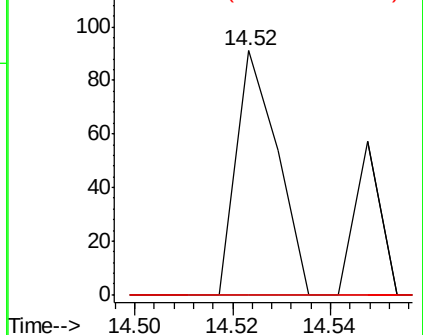
157 0.0 53.9 161.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#95

Naphthalene

Concen: 2.720 ug/l

RT: 15.38 min Scan# 2211

Delta R.T. 0.01 min

Lab File: VW008352.D

Acq: 18 Jan 2019 13:28

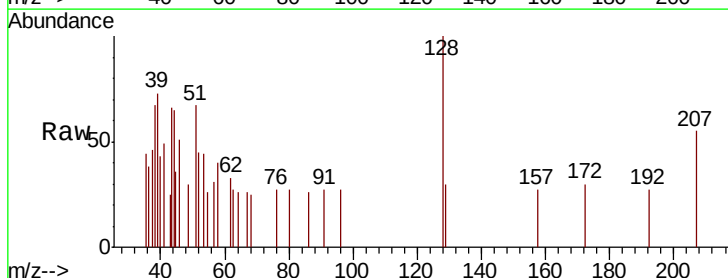
Tgt Ion: 128 Resp: 314

Ion Ratio Lower Upper

128 100

127 14.3 10.5 15.7

129 13.4 8.8 13.2#



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

