

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071119\
 Data File : VW011210.D
 Acq On : 11 Jul 2019 00:57
 Operator : SY/VA
 Sample : K3751-01
 Misc : 5.56G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MANHOLE-TEST-PIT

Quant Time: Jul 11 08:10:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 10 06:41:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	197558	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	341679	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	293543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	126204	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	135240	54.48	ug/l	0.00
Spiked Amount			Recovery	=	108.96%	
35) Dibromofluoromethane	7.88	113	103451	50.80	ug/l	0.00
Spiked Amount			Recovery	=	101.60%	
50) Toluene-d8	10.32	98	427480	51.93	ug/l	0.00
Spiked Amount			Recovery	=	103.86%	
62) 4-Bromofluorobenzene	12.62	95	142848	47.34	ug/l	0.00
Spiked Amount			Recovery	=	94.68%	

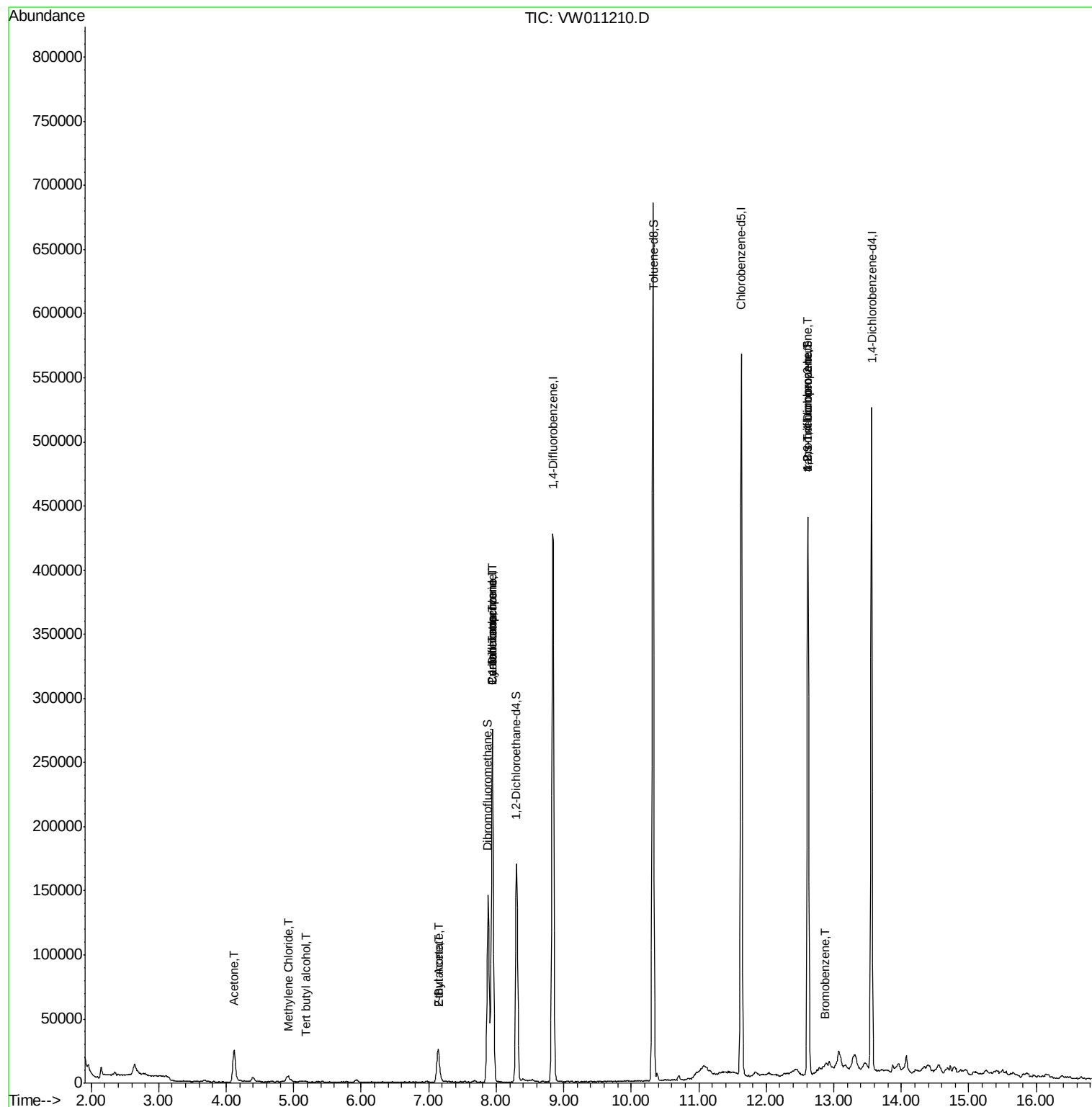
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	547	2.976	ug/l #	91
16) Acetone	4.12	43	47049	78.771	ug/l	96
20) Methylene Chloride	4.92	84	3764	1.597	ug/l	95
25) 2-Butanone	7.15	43	2607	2.781	ug/l #	54
31) Cyclohexane	7.95	56	5230	1.088	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	18193	5.000	ug/l #	51
37) Ethyl Acetate	7.15	43	2607	1.193	ug/l #	72
38) Carbon Tetrachloride	7.95	117	20511	6.650	ug/l #	14
76) 1,2,3-Trichloropropane	12.62	75	77410	53.077	ug/l #	100
77) Bromobenzene	12.87	156	3583	1.692	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	77410	120.050	ug/l #	6

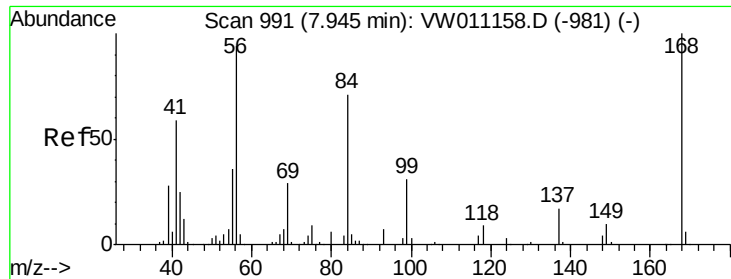
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071119\
Data File : VW011210.D
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Quant Time: Jul 11 08:10:36 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 10 06:41:08 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: VW011210.D

Acq: 11 Jul 2019 00:57

Instrument :

MSVOA_W

ClientSampleId :

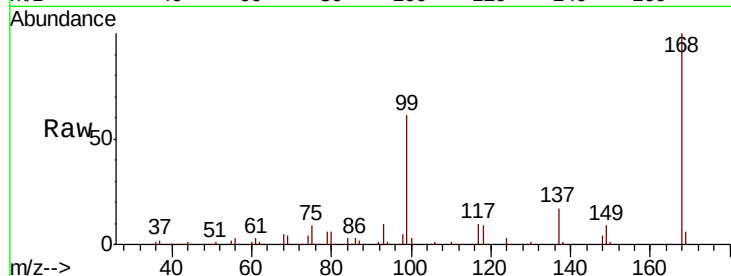
MANHOLE-TEST-PIT

Tot Ion:168 Resp: 197558

Ion Ratio Lower Upper

168 100

99 61.4 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

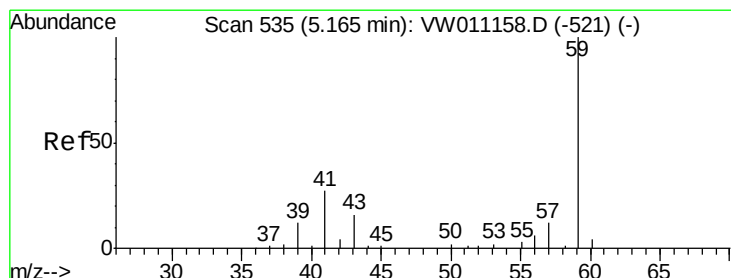
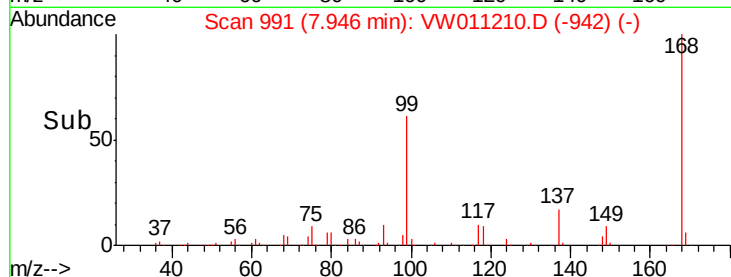
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#11

Tert butyl alcohol

Concen: 2.976 ug/l

RT: 5.18 min Scan# 537

Delta R.T. 0.01 min

Lab File: VW011210.D

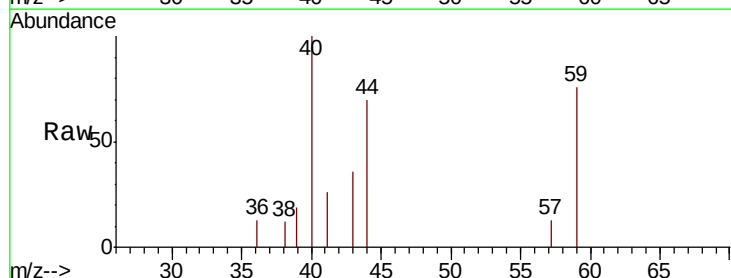
Acq: 11 Jul 2019 00:57

Tgt Ion: 59 Resp: 547

Ion Ratio Lower Upper

59 100

57 8.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

400

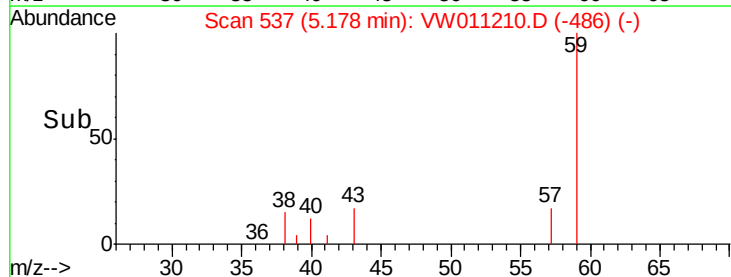
300

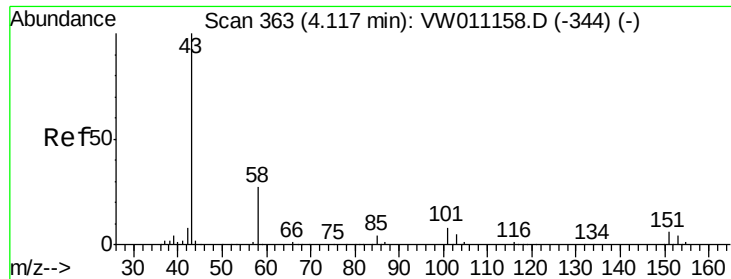
200

100

0

Time--> 5.15 5.20 5.25

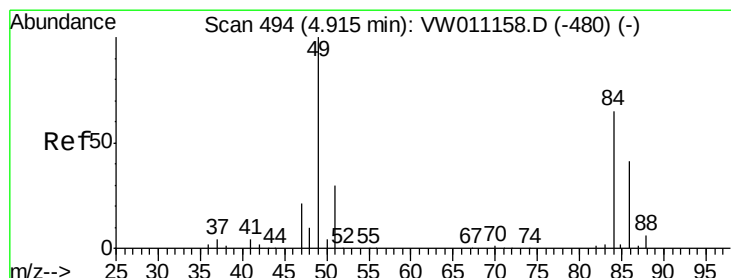
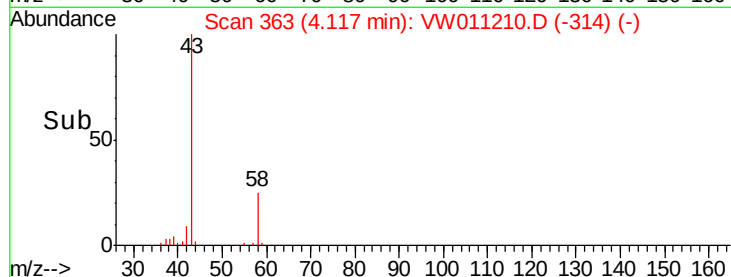
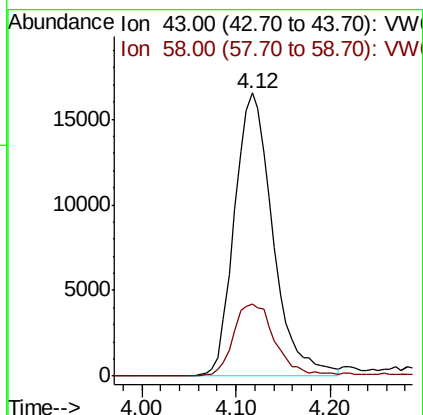
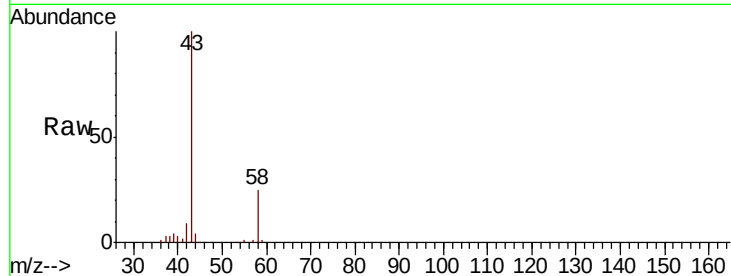




#16
Acetone
Concen: 78.771 ug/l
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW011210.D
Acq: 11 Jul 2019 00:57

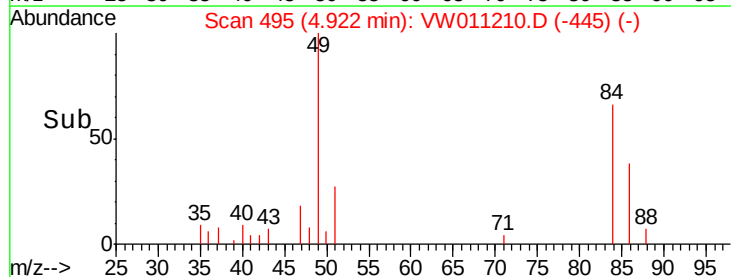
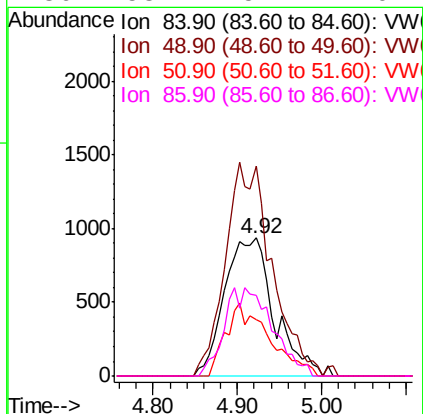
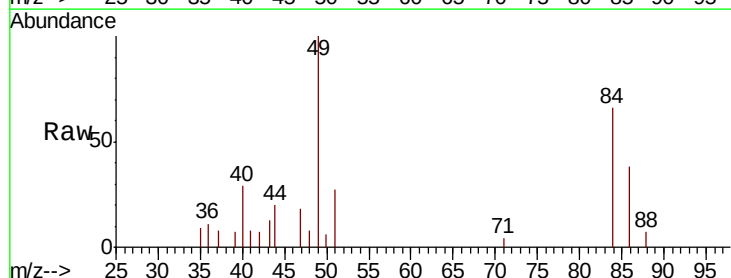
Instrument :
MSVOA_W
ClientSampleId :
MANHOLE-TEST-PIT

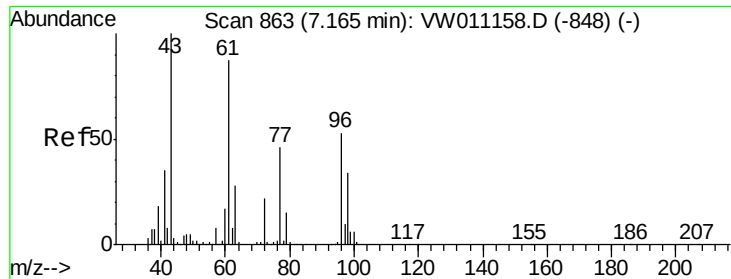
Tot Ion: 43 Resp: 47049
Ion Ratio Lower Upper
43 100
58 25.3 21.8 32.6



#20
Methylene Chloride
Concen: 1.597 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW011210.D
Acq: 11 Jul 2019 00:57

Tgt Ion: 84 Resp: 3764
Ion Ratio Lower Upper
84 100
49 152.1 123.8 185.6
51 40.9 37.4 56.2
86 58.2 51.1 76.7





#25

2-Butanone

Concen: 2.781 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: VW011210.D

Acq: 11 Jul 2019 00:57

Instrument :

MSVOA_W

ClientSampleId :

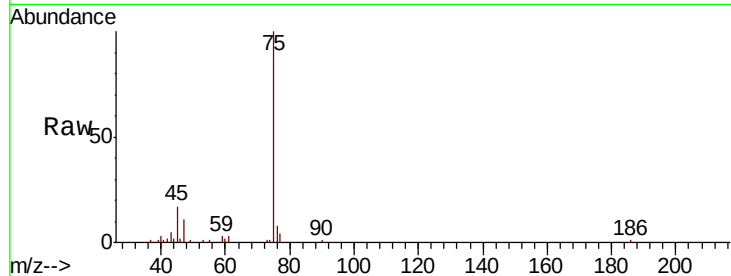
MANHOLE-TEST-PIT

Tot Ion: 43 Resp: 2607

Ion Ratio Lower Upper

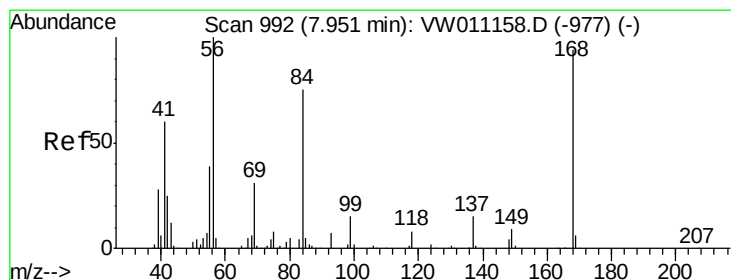
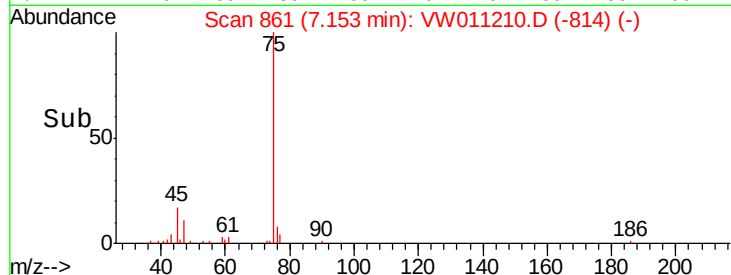
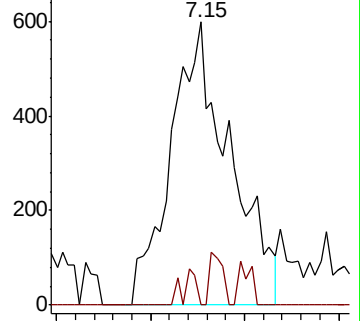
43 100

72 0.0 17.6 26.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#31

Cyclohexane

Concen: 1.088 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW011210.D

Acq: 11 Jul 2019 00:57

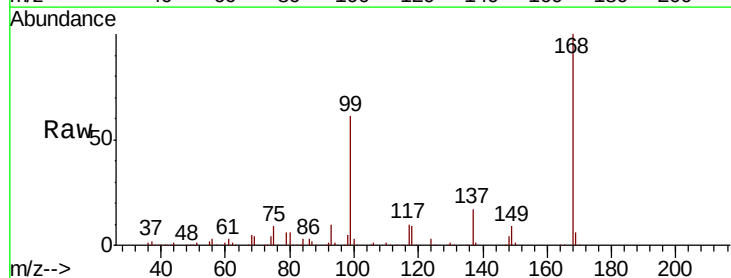
Tgt Ion: 56 Resp: 5230

Ion Ratio Lower Upper

56 100

69 160.9 24.6 36.8#

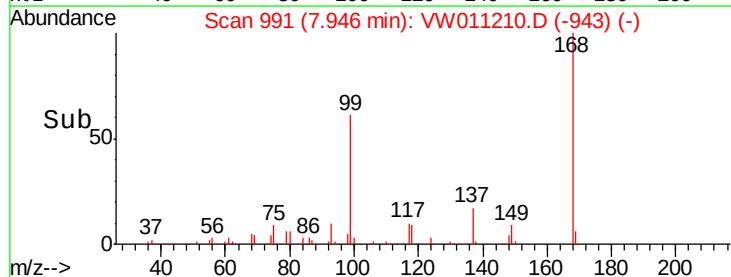
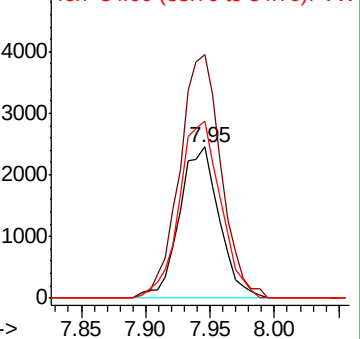
84 117.3 60.1 90.1#

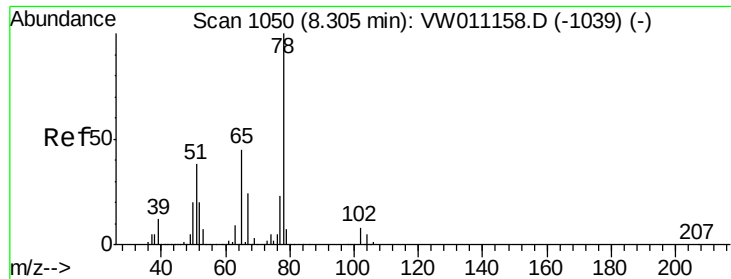


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

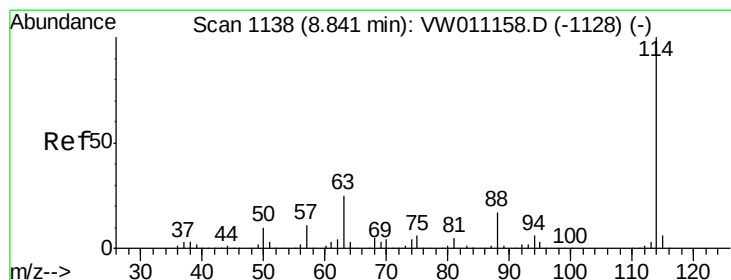
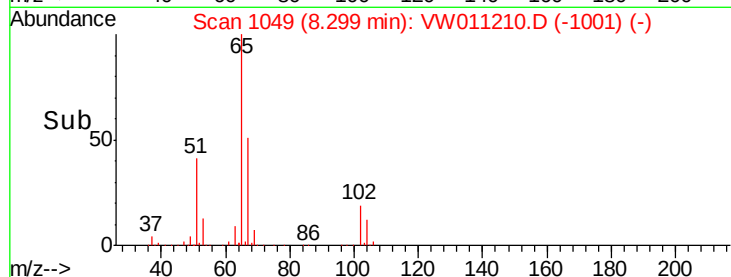
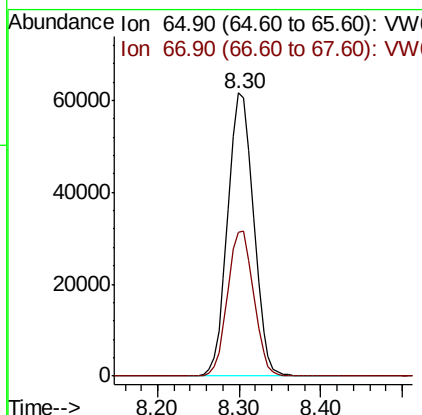
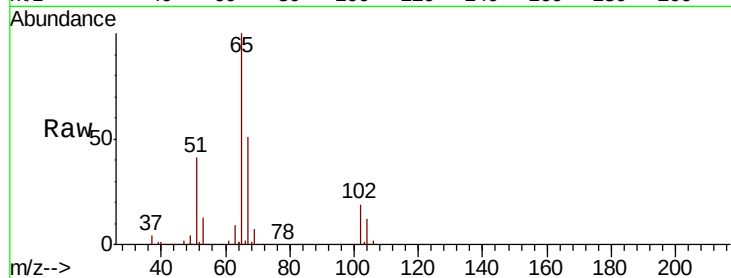




#33
 1,2-Dichloroethane-d4
 Concen: 54.480 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW011210.D
 Acq: 11 Jul 2019 00:57

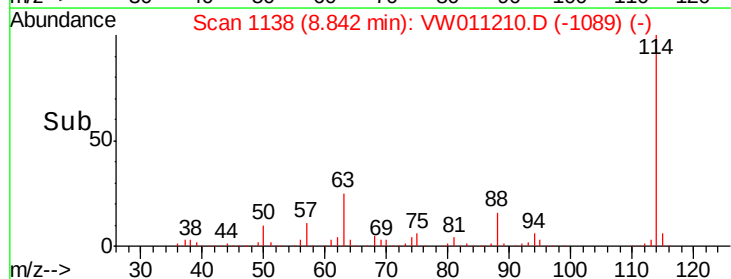
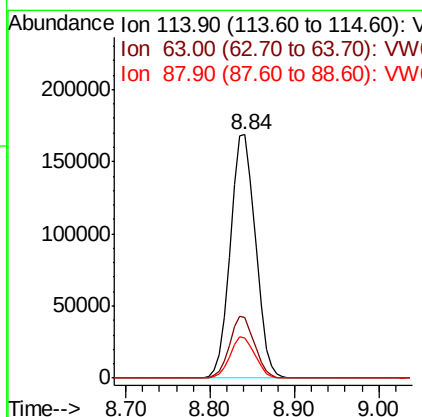
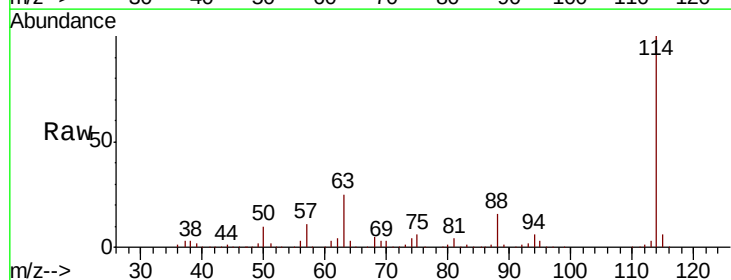
Instrument :
 MSVOA_W
 ClientSampleId :
 MANHOLE-TEST-PIT

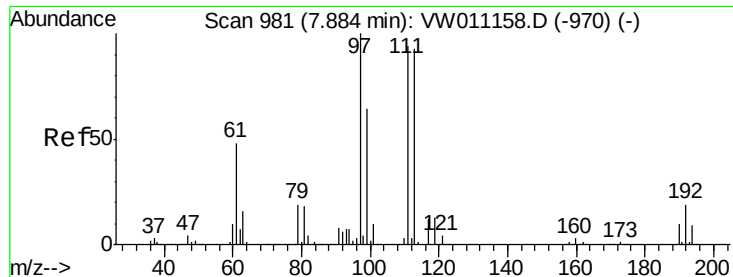
Tot Ion: 65 Resp: 135240
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011210.D
 Acq: 11 Jul 2019 00:57

Tgt Ion: 114 Resp: 341679
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 50.8
 88 16.4 0.0 34.2

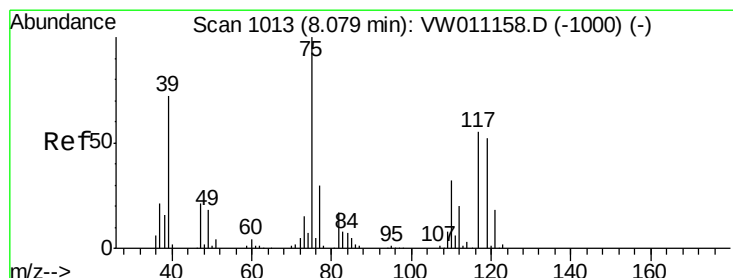
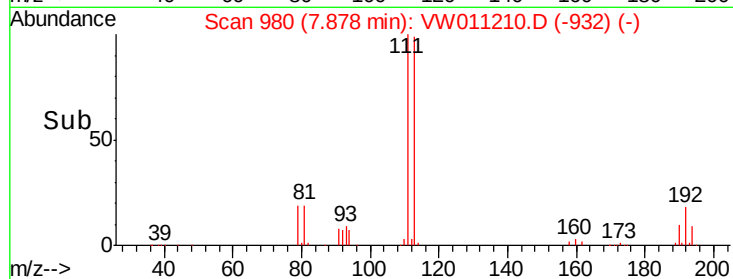
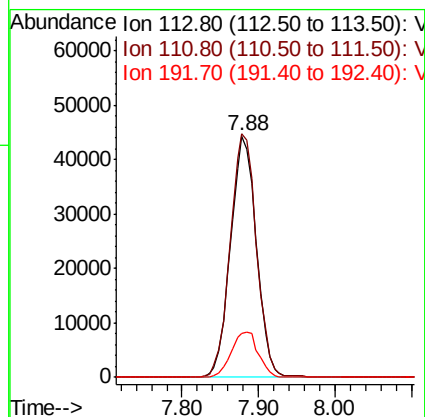
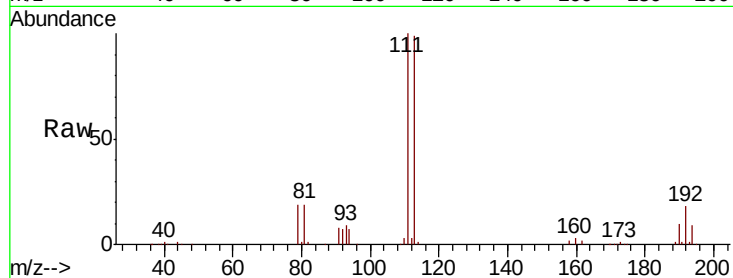




#35
 Dibromofluoromethane
 Concen: 50.797 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011210.D
 Acq: 11 Jul 2019 00:57

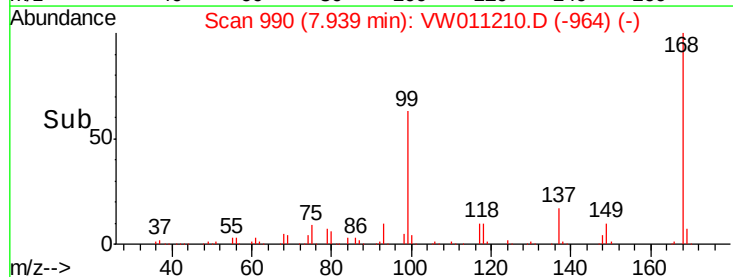
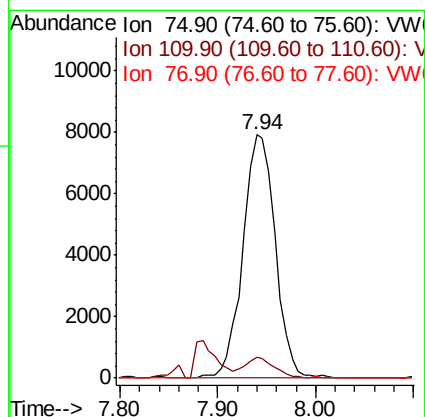
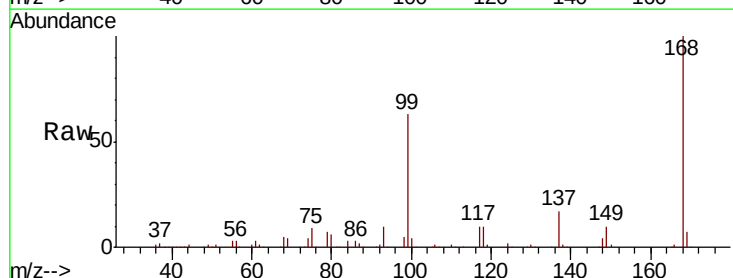
Instrument :
 MSVOA_W
 ClientSampleId :
 MANHOLE-TEST-PIT

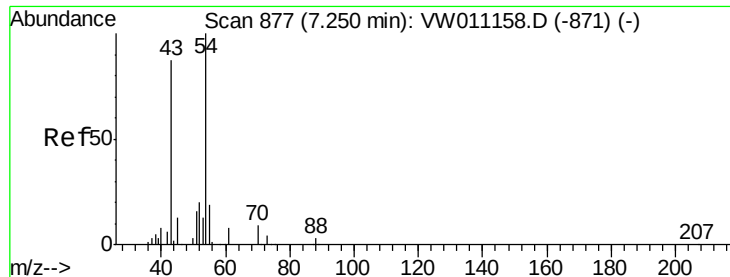
Tot Ion:113 Resp: 103451
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.4 123.6
 192 19.6 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 5.000 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW011210.D
 Acq: 11 Jul 2019 00:57

Tgt Ion: 75 Resp: 18193
 Ion Ratio Lower Upper
 75 100
 110 7.9 15.9 47.6#
 77 0.0 24.6 36.8#





#37

Ethyl Acetate

Concen: 1.193 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.10 min

Lab File: VW011210.D

Acq: 11 Jul 2019 00:57

Instrument :

MSVOA_W

ClientSampleId :

MANHOLE-TEST-PIT

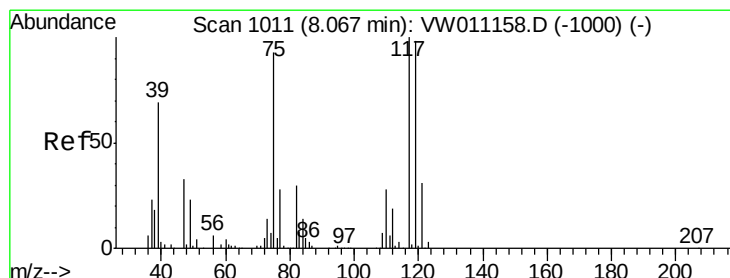
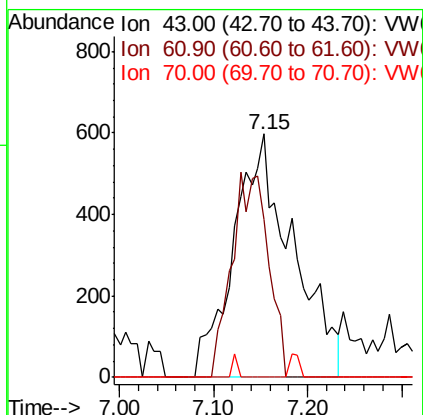
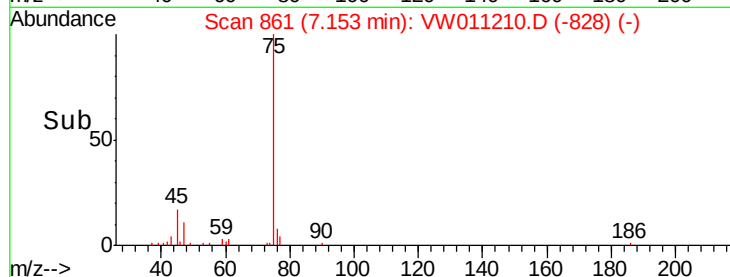
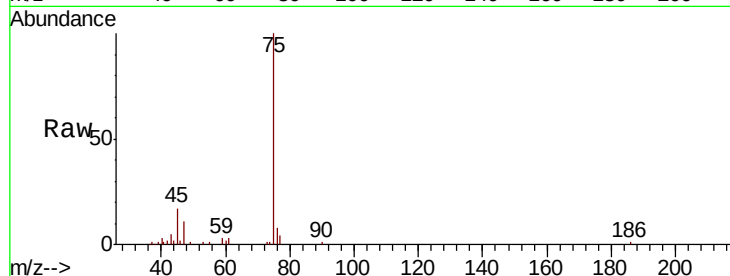
Tot Ion: 43 Resp: 2607

Ion Ratio Lower Upper

43 100

61 0.0 9.5 14.3#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 6.650 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW011210.D

Acq: 11 Jul 2019 00:57

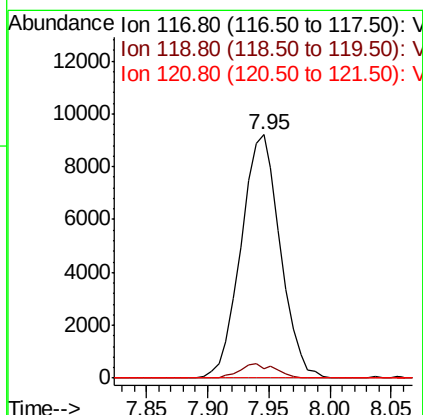
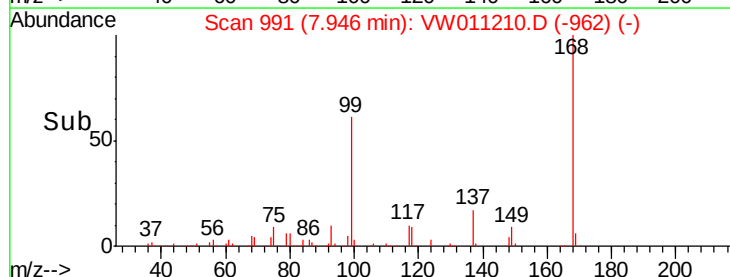
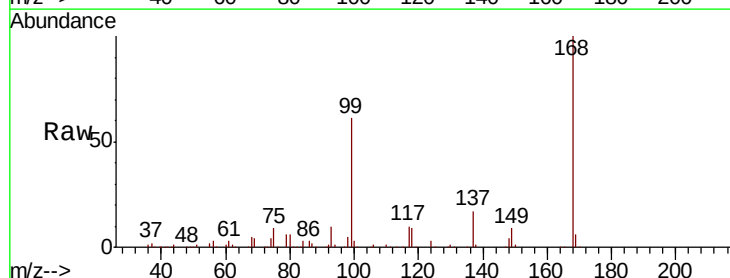
Tgt Ion: 117 Resp: 20511

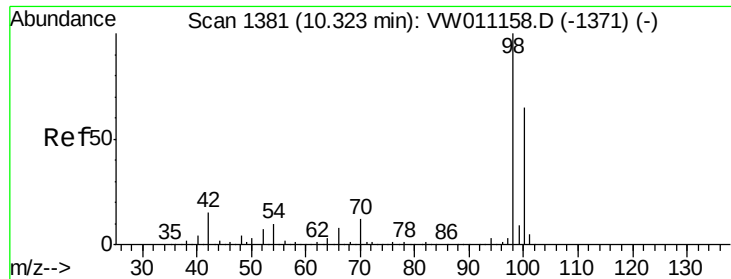
Ion Ratio Lower Upper

117 100

119 4.1 78.1 117.1#

121 0.0 25.1 37.7#





#50

Toluene-d8

Concen: 51.929 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011210.D

Acq: 11 Jul 2019 00:57

Instrument :

MSVOA_W

ClientSampleId :

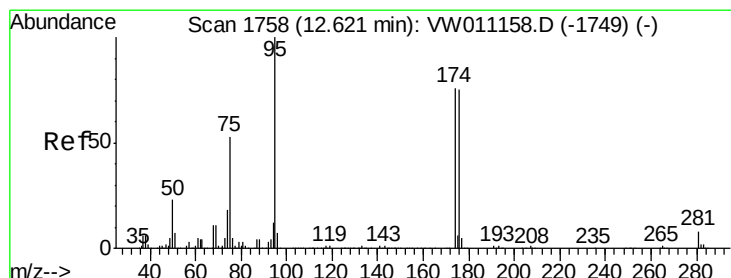
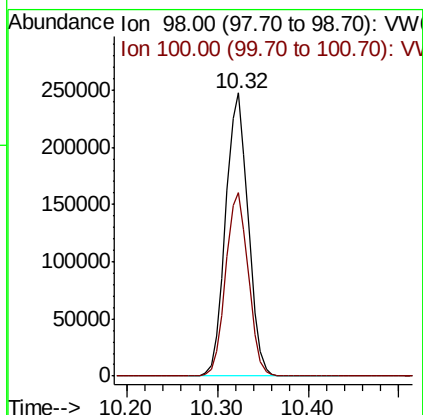
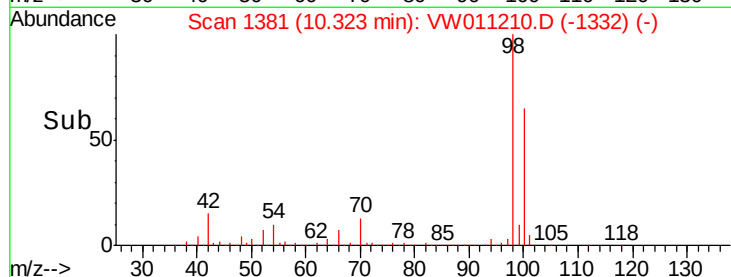
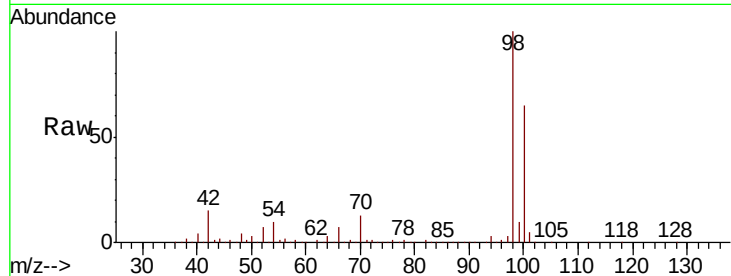
MANHOLE-TEST-PIT

Tot Ion: 98 Resp: 427480

Ion Ratio Lower Upper

98 100

100 65.1 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 47.342 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011210.D

Acq: 11 Jul 2019 00:57

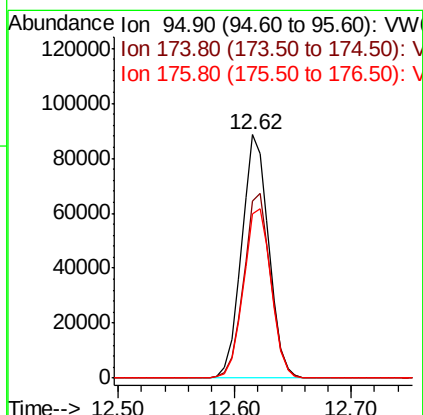
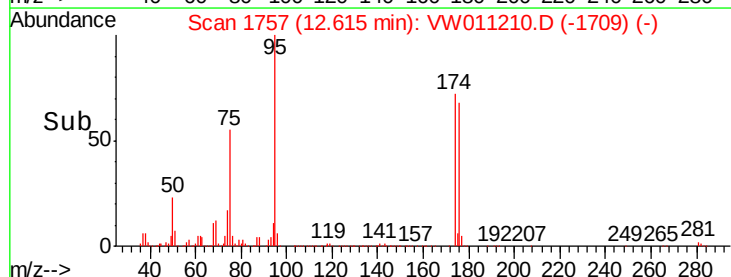
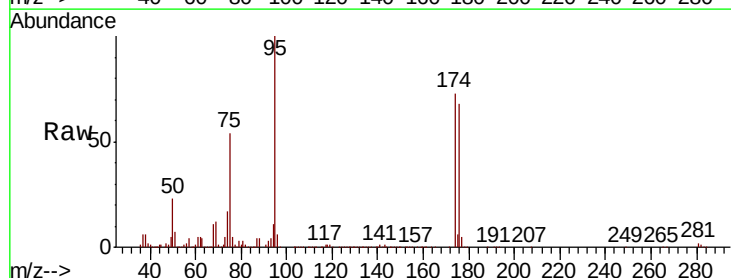
Tgt Ion: 95 Resp: 142848

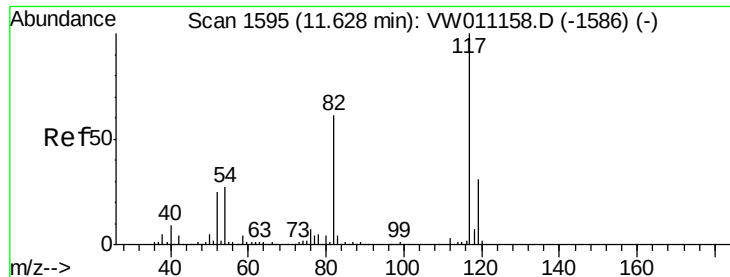
Ion Ratio Lower Upper

95 100

174 76.0 0.0 147.6

176 71.9 0.0 144.6

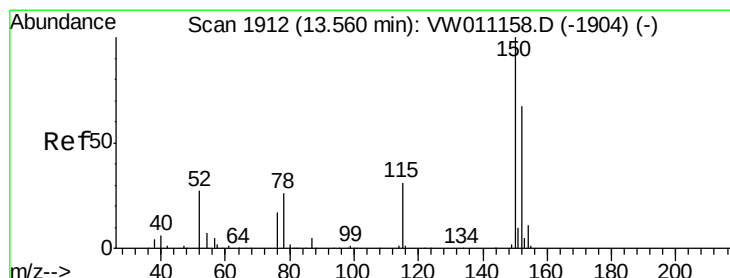
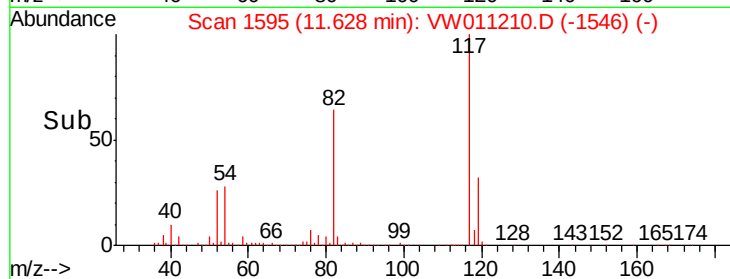
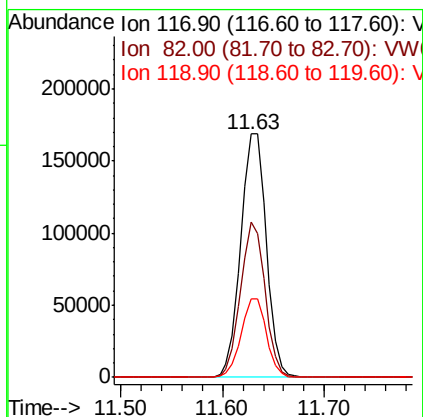
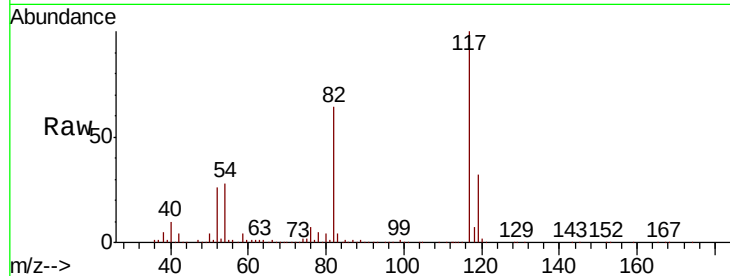




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011210.D
Acq: 11 Jul 2019 00:57

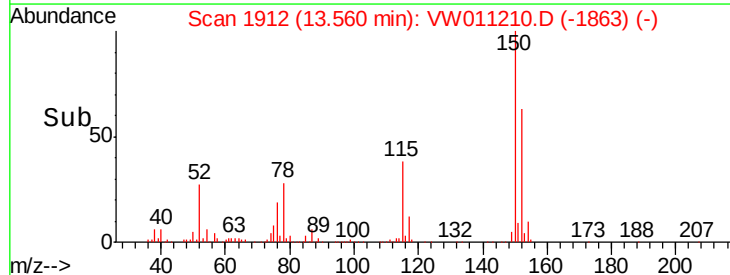
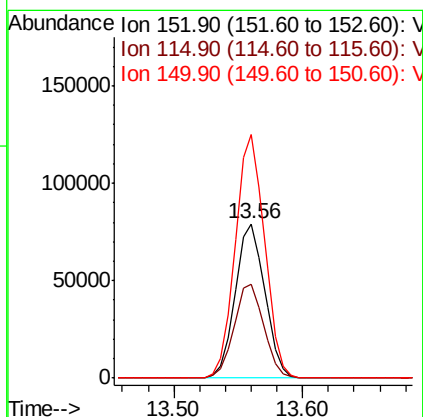
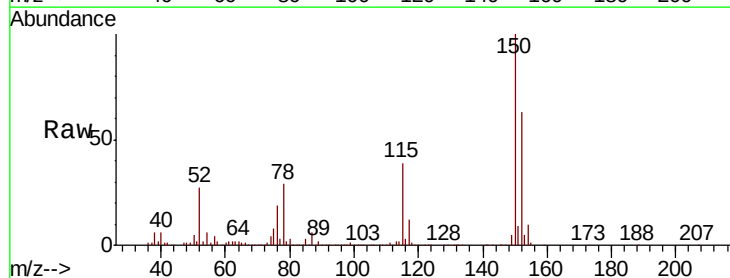
Instrument :
MSVOA_W
ClientSampleId :
MANHOLE-TEST-PIT

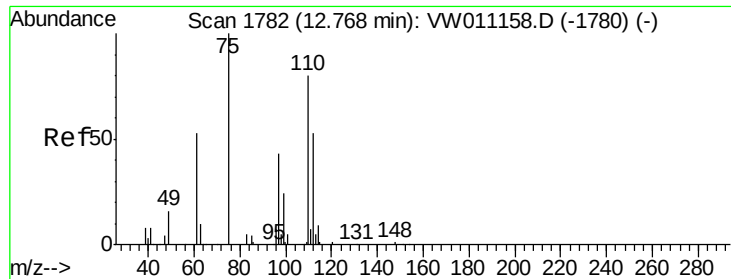
Tot Ion	Ratio	Lower	Upper
117	100		
82	64.0	48.9	73.3
119	32.1	25.0	37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011210.D
Acq: 11 Jul 2019 00:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.7	30.1	90.3
150	156.4	0.0	346.0

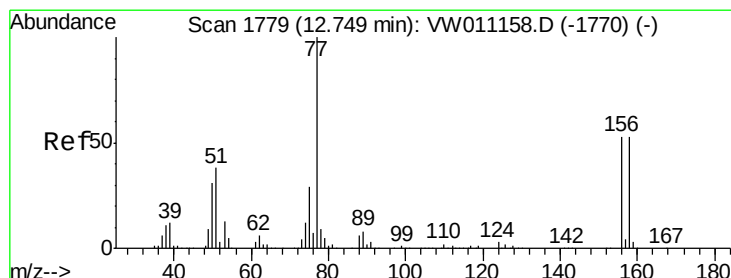
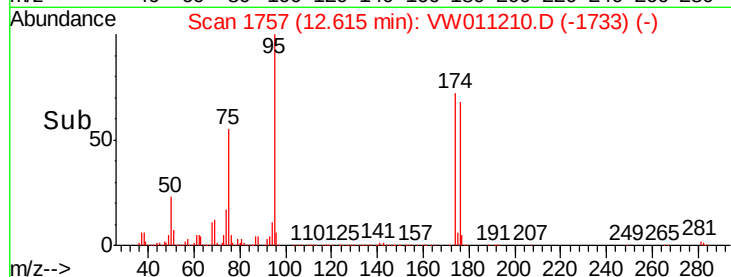
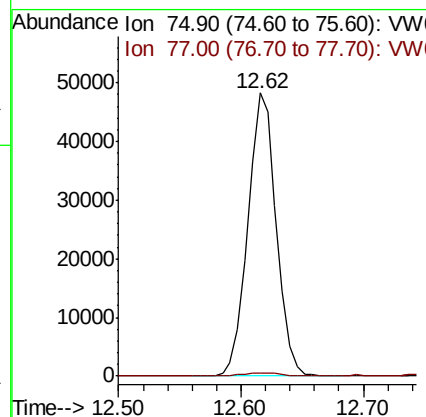
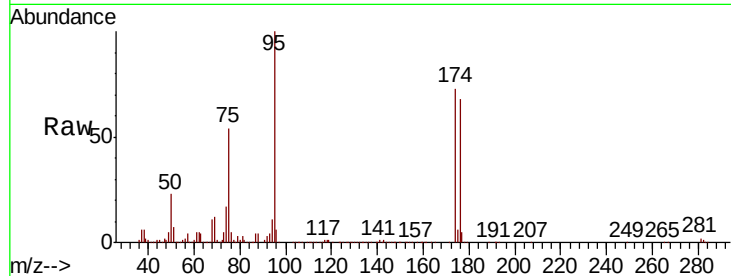




#76
 1,2,3-Trichloropropane
 Concen: 53.077 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW011210.D
 Acq: 11 Jul 2019 00:57

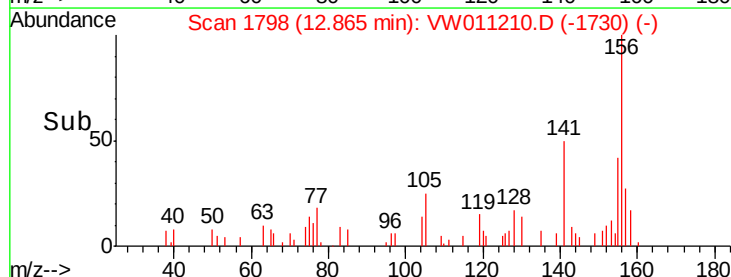
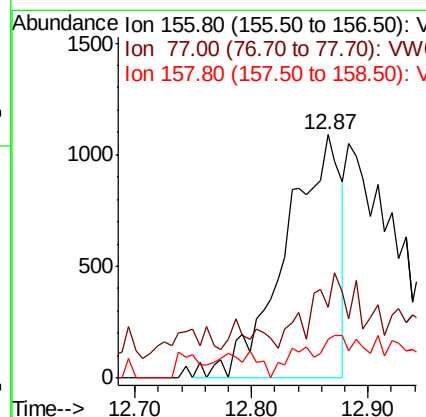
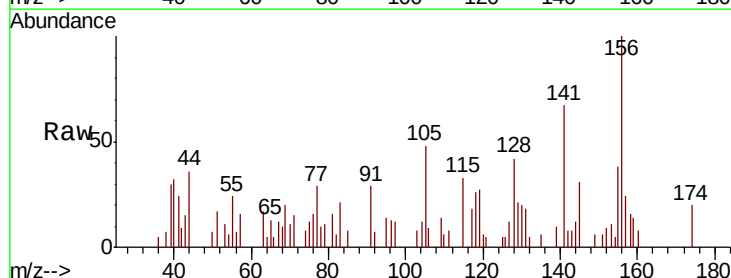
Instrument :
 MSVOA_W
 ClientSampleId :
 MANHOLE-TEST-PIT

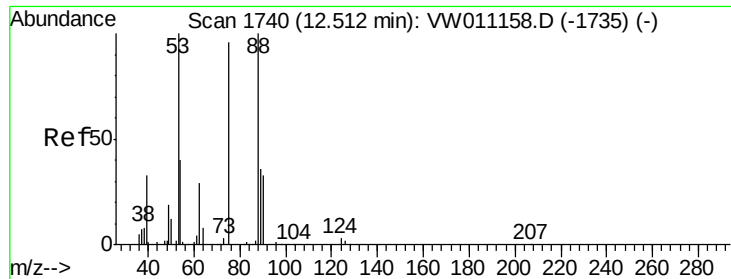
Tot Ion: 75 Resp: 77410
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#77
 Bromobenzene
 Concen: 1.692 ug/l
 RT: 12.87 min Scan# 1798
 Delta R.T. 0.12 min
 Lab File: VW011210.D
 Acq: 11 Jul 2019 00:57

Tgt Ion: 156 Resp: 3583
 Ion Ratio Lower Upper
 156 100
 77 24.1 109.0 327.0#
 158 4.9 48.8 146.3#





#81

trans-1,4-Dichloro-2-butene

Concen: 120.050 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011210.D

Acq: 11 Jul 2019 00:57

Instrument :

MSVOA_W

ClientSampleId :

MANHOLE-TEST-PIT

Tot Ion: 75 Resp: 77410

Ion Ratio Lower Upper

75 100

53 0.1 89.8 134.6#

89 0.0 34.3 51.5#

