

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022819\
 Data File : VW008901.D
 Acq On : 28 Feb 2019 21:23
 Operator : SY/VA
 Sample : K1638-05
 Misc : 5.10G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PE-5(BELOW-EXPOSED-PIPE)

Quant Time: Mar 01 06:03:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	338350	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	521671	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	463633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	224521	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	191031	60.20	ug/l	0.00
Spiked Amount			Recovery	=	120.40%	
35) Dibromofluoromethane	7.88	113	161792	51.65	ug/l	0.00
Spiked Amount			Recovery	=	103.30%	
50) Toluene-d8	10.32	98	621162	51.37	ug/l	0.00
Spiked Amount			Recovery	=	102.74%	
62) 4-Bromofluorobenzene	12.62	95	211499	44.67	ug/l	0.00
Spiked Amount			Recovery	=	89.34%	

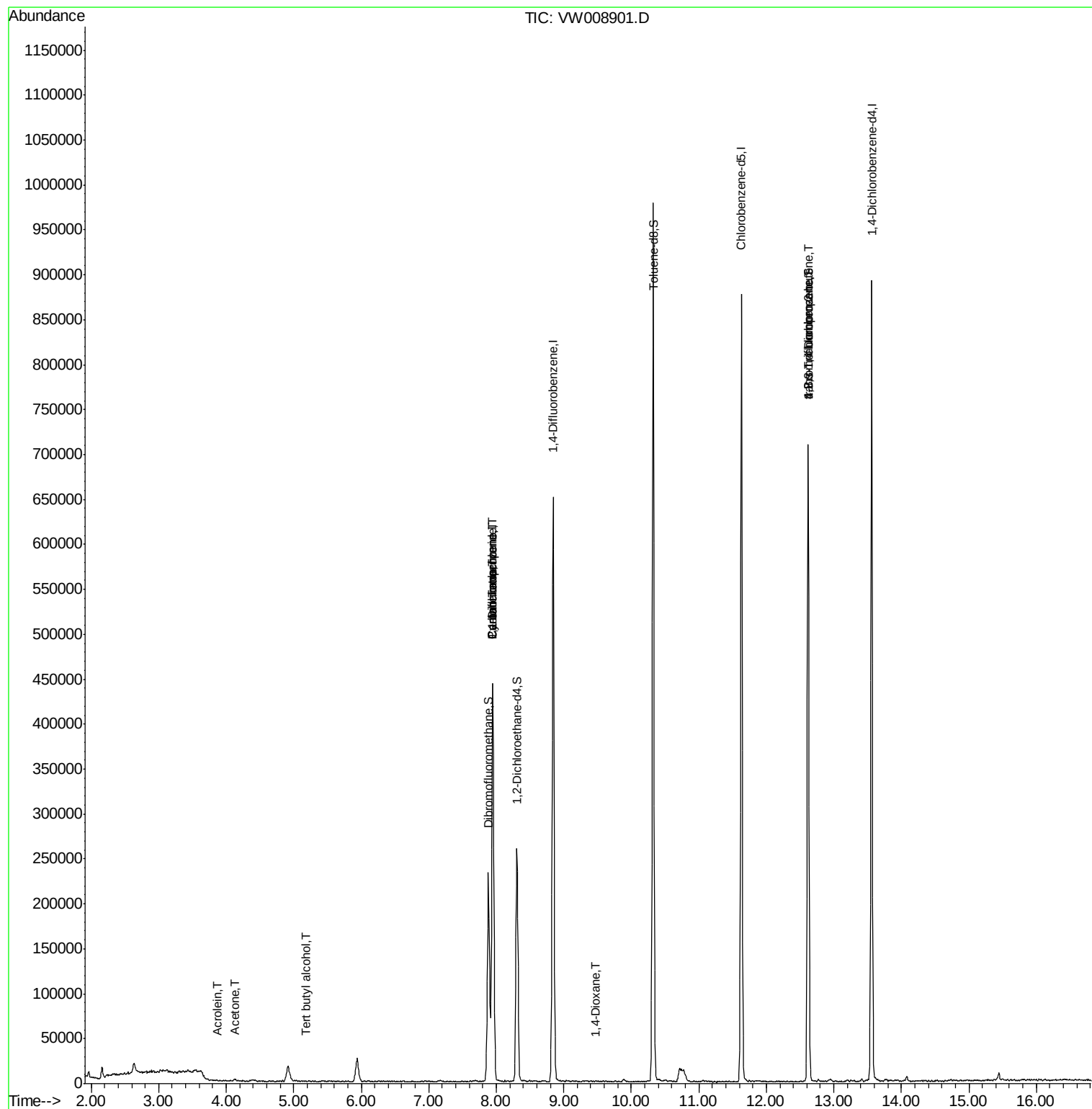
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	444	1.572	ug/l #	16
13) Acrolein	3.87	56	53	19.944	ug/l #	1
16) Acetone	4.13	43	4306	5.854	ug/l	96
20) Methylene Chloride	4.91	84	13326	Below Cal		91
31) Cyclohexane	7.94	56	7835	1.310	ug/l #	31
36) 1,1-Dichloropropene	7.95	75	25261	4.974	ug/l #	51
38) Carbon Tetrachloride	7.95	117	32105	5.995	ug/l #	18
49) 1,4-Dioxane	9.46	88	52	1.704	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	110692	59.713	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	110692	145.168	ug/l #	6

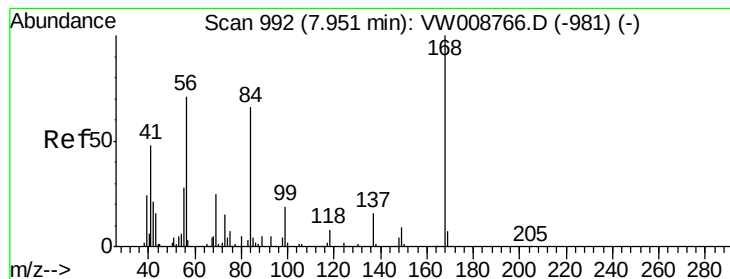
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW022819\
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Instrument :
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PE-5(BELOW-EXPOSED-PIPE)

Quant Time: Mar 01 06:03:44 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW008901.D

Acq: 28 Feb 2019 21:23

Instrument :

MSVOA_W

ClientSampleId :

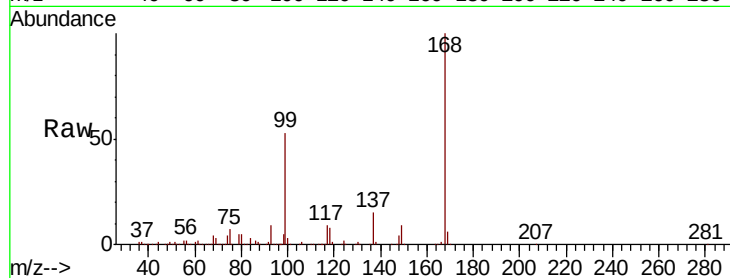
PE-5(BELOW-EXPOSED-PIPE)

Tot Ion:168 Resp: 338350

Ion Ratio Lower Upper

168 100

99 53.0 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

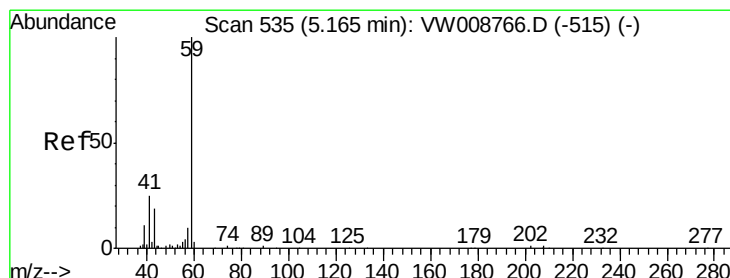
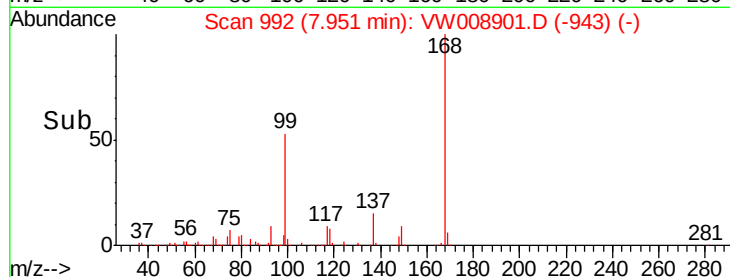
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.572 ug/l

RT: 5.17 min Scan# 536

Delta R.T. 0.01 min

Lab File: VW008901.D

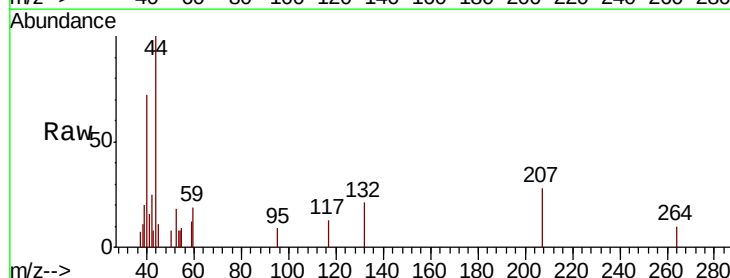
Acq: 28 Feb 2019 21:23

Tgt Ion: 59 Resp: 444

Ion Ratio Lower Upper

59 100

57 43.9 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

250

200

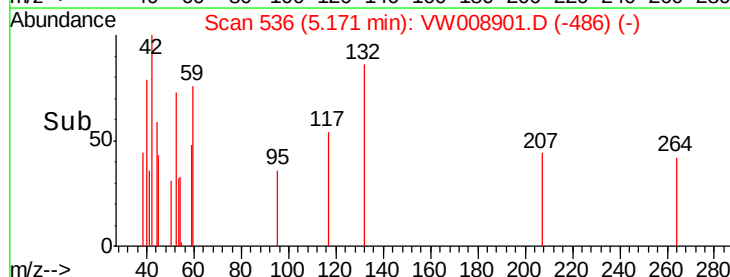
150

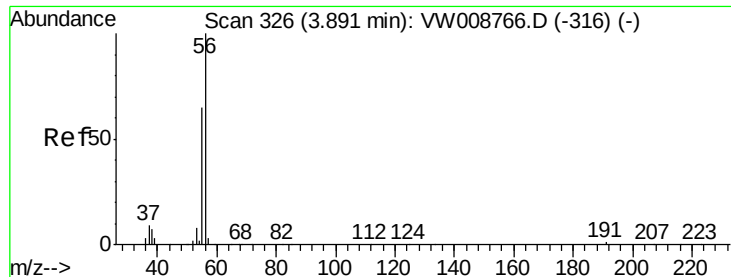
100

50

0

Time-->





#13

Acrolein

Concen: 19.944 ug/l

RT: 3.87 min Scan# 323

Delta R.T. -0.02 min

Lab File: VW008901.D

Acq: 28 Feb 2019 21:23

Instrument :

MSVOA_W

ClientSampleId :

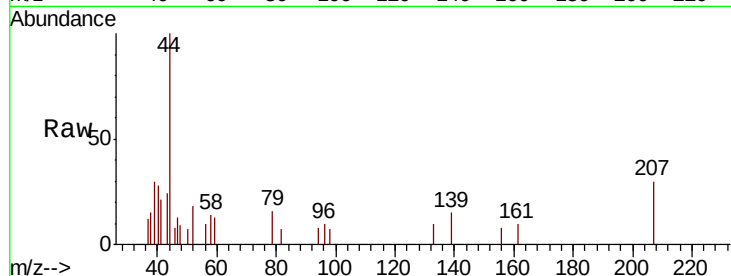
PE-5(BELOW-EXPOSED-PIPE)

Tot Ion: 56 Resp: 53

Ion Ratio Lower Upper

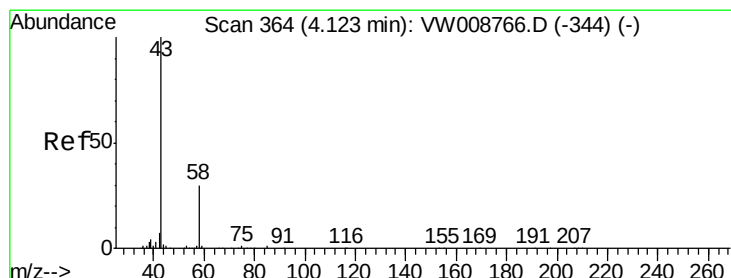
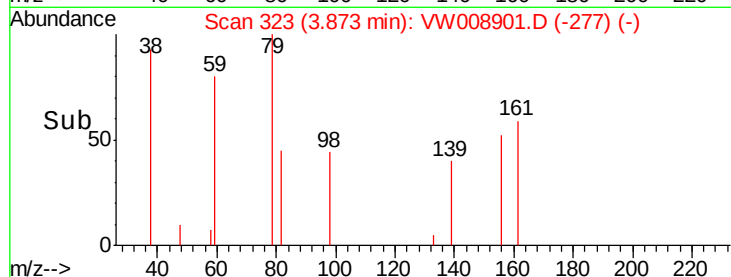
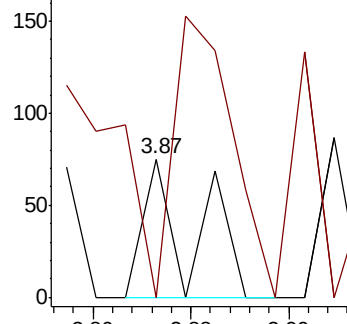
56 100

55 237.7 56.9 85.3#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#16

Acetone

Concen: 5.854 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008901.D

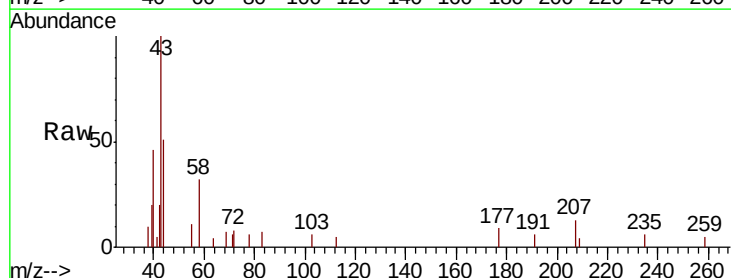
Acq: 28 Feb 2019 21:23

Tgt Ion: 43 Resp: 4306

Ion Ratio Lower Upper

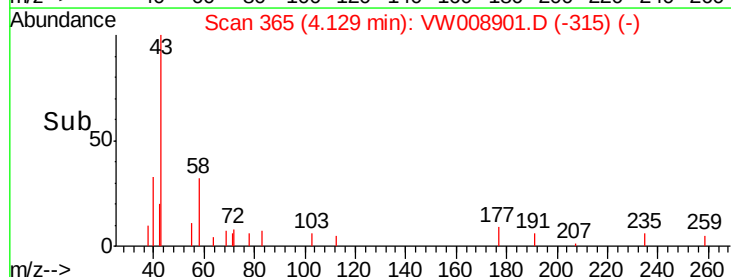
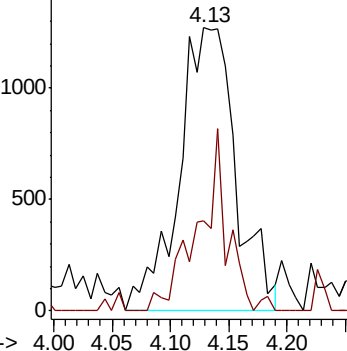
43 100

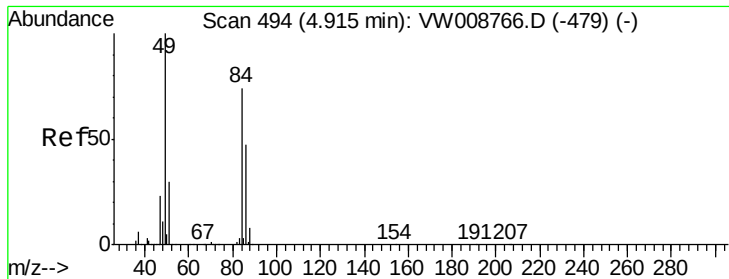
58 32.0 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW008901.D

Acq: 28 Feb 2019 21:23

Instrument :

MSVOA_W

ClientSampleId :

PE-5(BELOW-EXPOSED-PIPE)

Tot Ion: 84 Resp: 13326

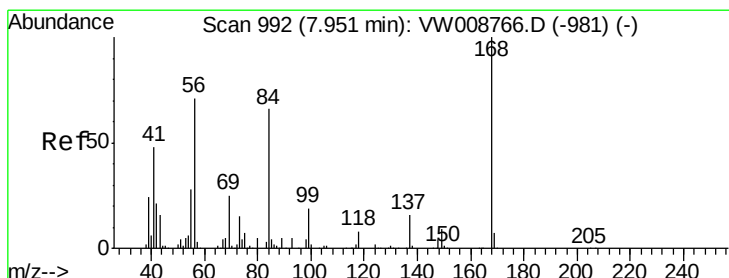
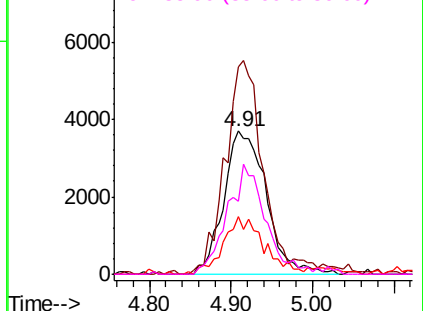
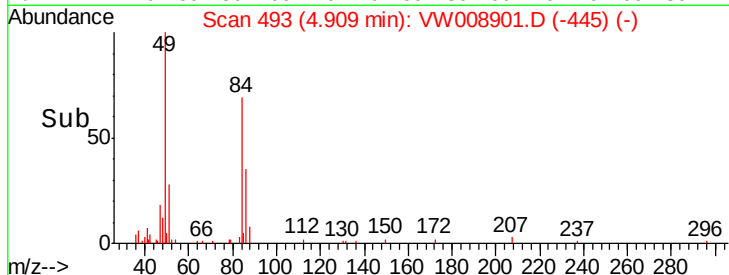
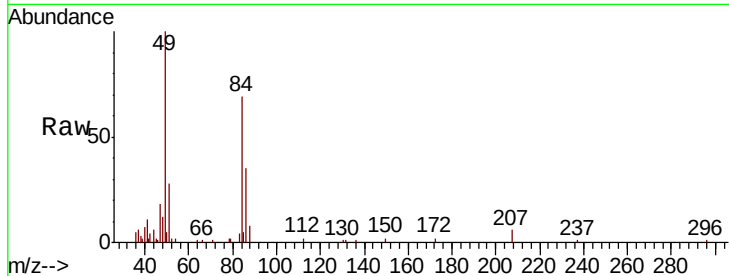
Ion Ratio Lower Upper

84 100

49 145.1 108.2 162.2

51 38.4 32.7 49.1

86 51.1 50.3 75.5



#31

Cyclohexane

Concen: 1.310 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW008901.D

Acq: 28 Feb 2019 21:23

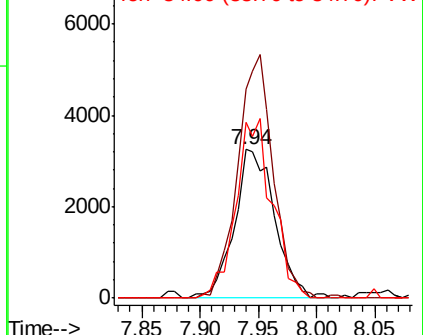
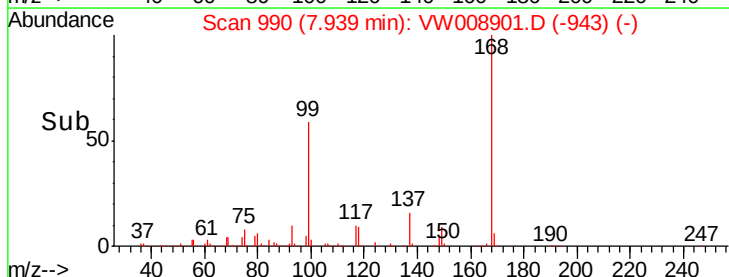
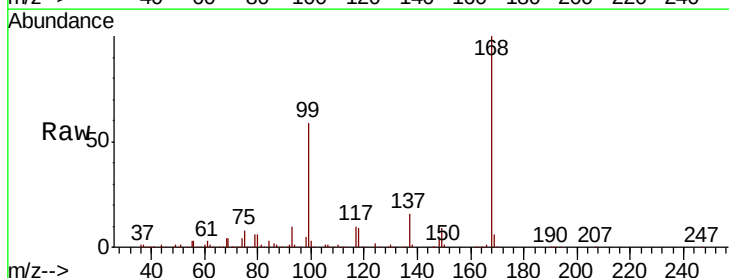
Tgt Ion: 56 Resp: 7835

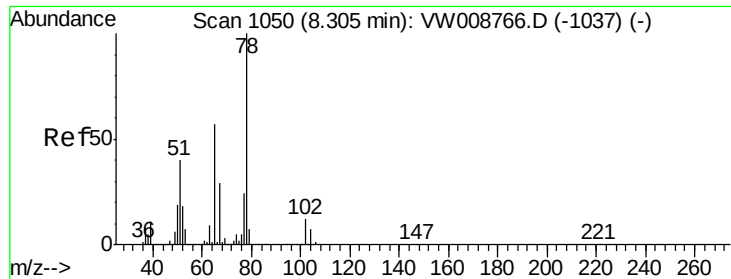
Ion Ratio Lower Upper

56 100

69 140.4 28.2 42.4#

84 118.3 74.1 111.1#

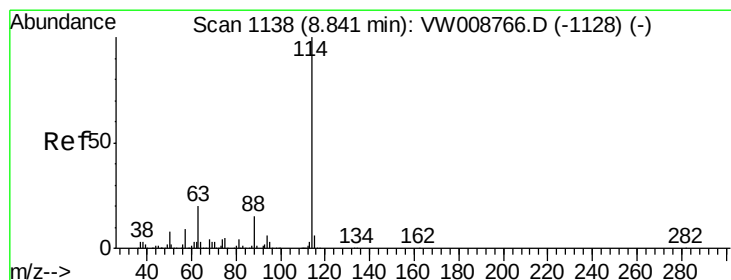
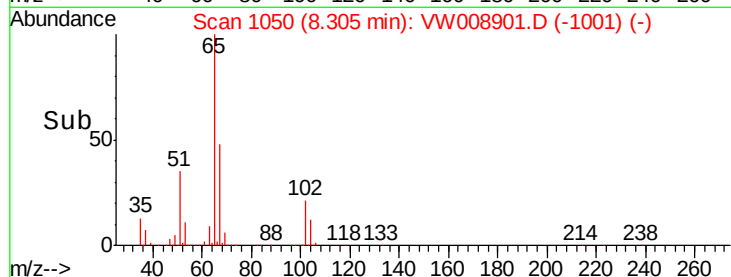
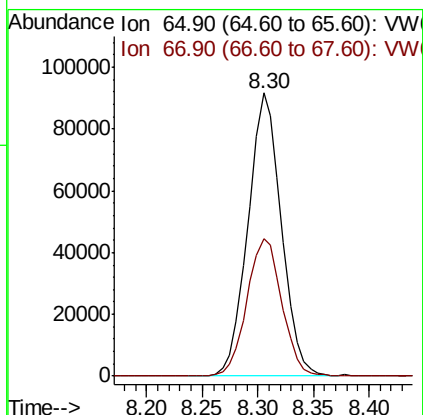
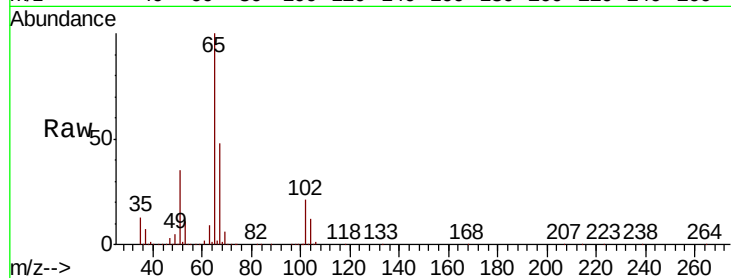




#33
 1,2-Dichloroethane-d4
 Concen: 60.197 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008901.D
 Acq: 28 Feb 2019 21:23

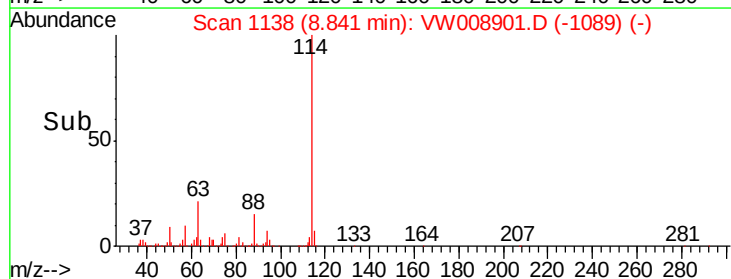
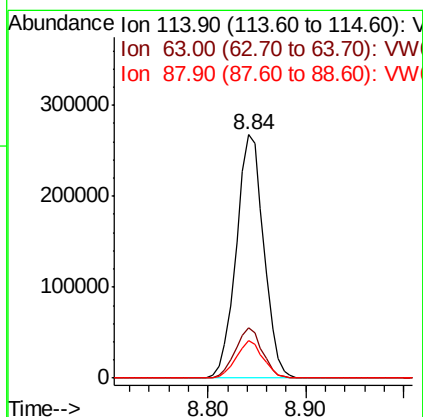
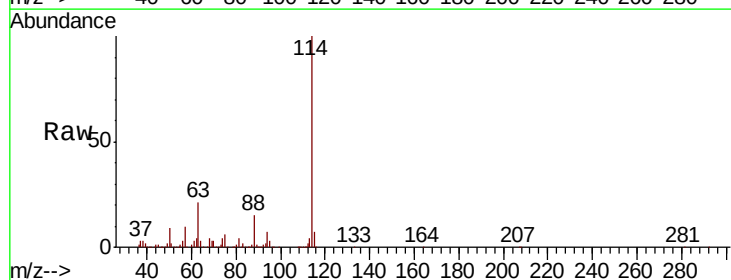
Instrument :
 MSVOA_W
 ClientSampleId :
 PE-5(BELOW-EXPOSED-PIPE)

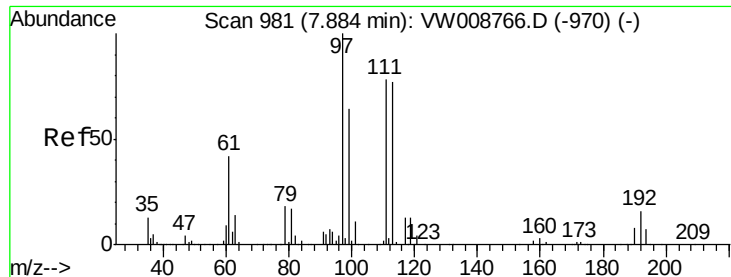
Tot Ion: 65 Resp: 191031
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008901.D
 Acq: 28 Feb 2019 21:23

Tgt Ion: 114 Resp: 521671
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 40.8
 88 15.2 0.0 30.4

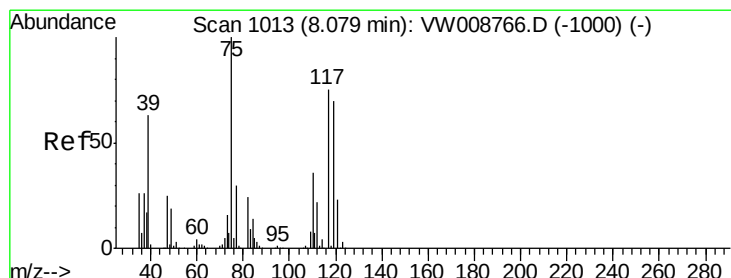
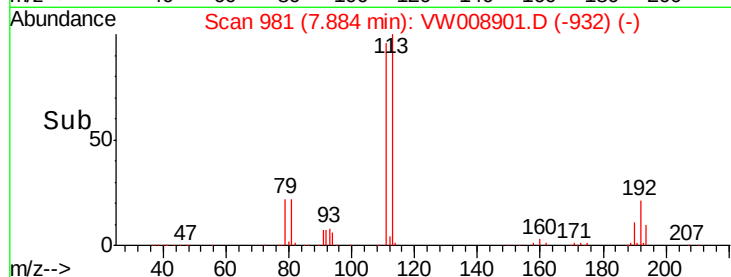
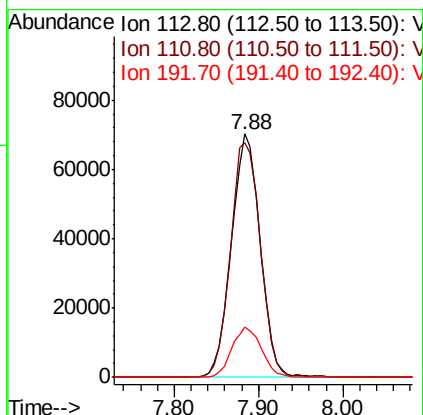
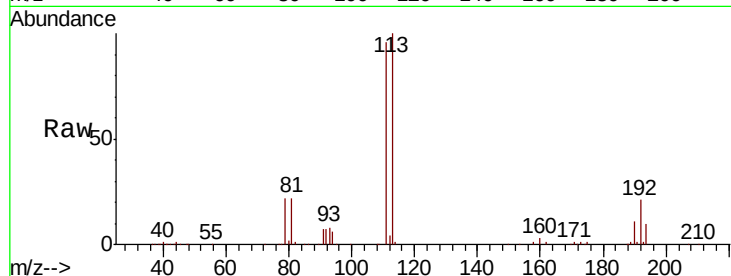




#35
 Dibromofluoromethane
 Concen: 51.655 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008901.D
 Acq: 28 Feb 2019 21:23

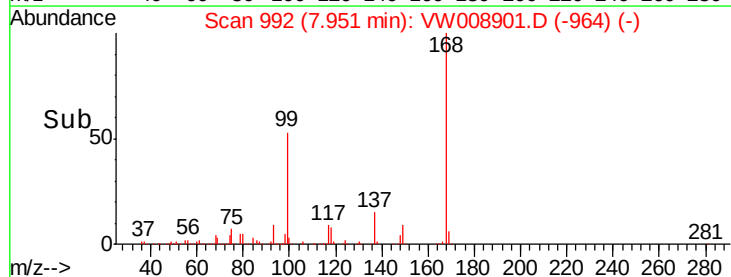
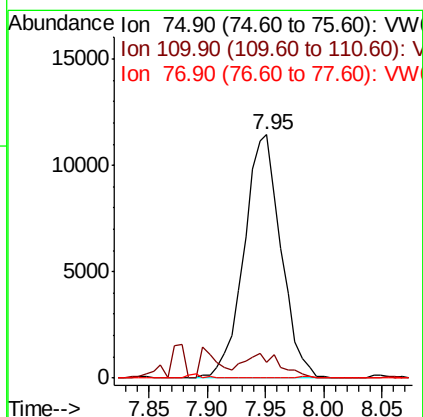
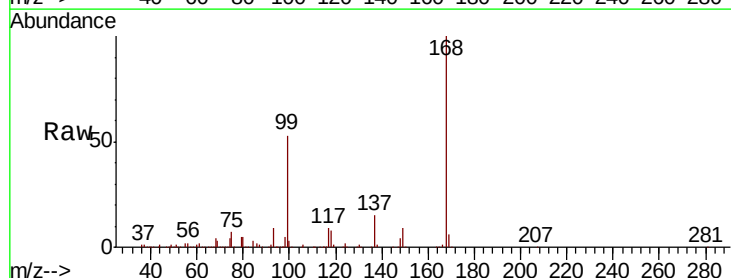
Instrument :
 MSVOA_W
 ClientSampleId :
 PE-5(BELOW-EXPOSED-PIPE)

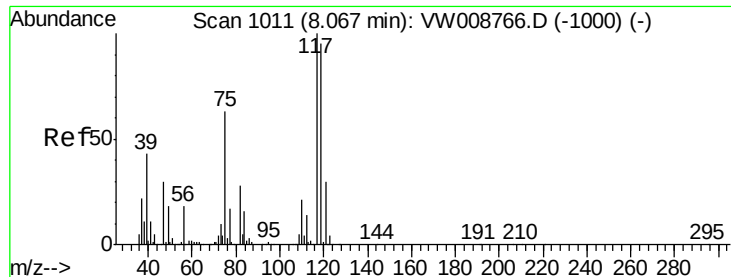
Tot Ion:113 Resp: 161792
 Ion Ratio Lower Upper
 113 100
 111 100.2 81.9 122.9
 192 21.3 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 4.974 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW008901.D
 Acq: 28 Feb 2019 21:23

Tgt Ion: 75 Resp: 25261
 Ion Ratio Lower Upper
 75 100
 110 10.1 17.5 52.6#
 77 0.0 24.5 36.7#





#38

Carbon Tetrachloride

Concen: 5.995 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW008901.D

Acq: 28 Feb 2019 21:23

Instrument :

MSVOA_W

ClientSampleId :

PE-5(BELOW-EXPOSED-PIPE)

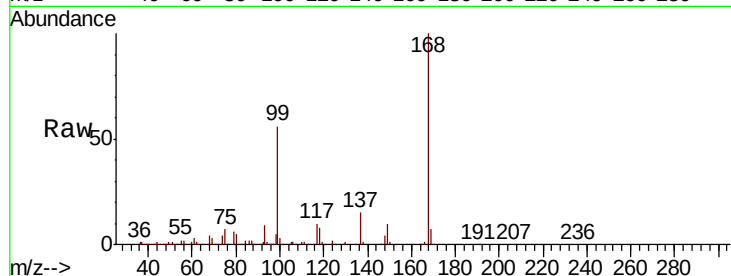
Tot Ion:117 Resp: 32105

Ion Ratio Lower Upper

117 100

119 7.0 76.1 114.1#

121 0.0 24.0 36.0#

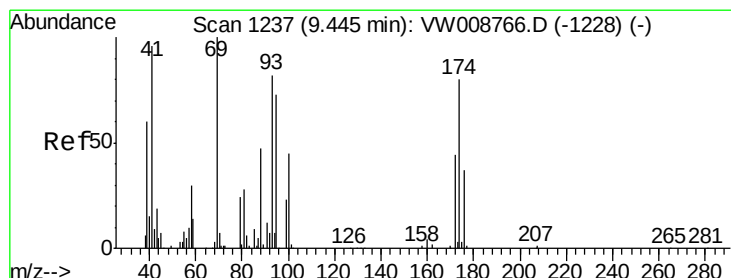
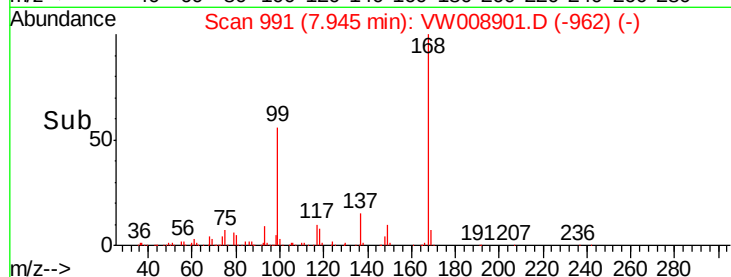
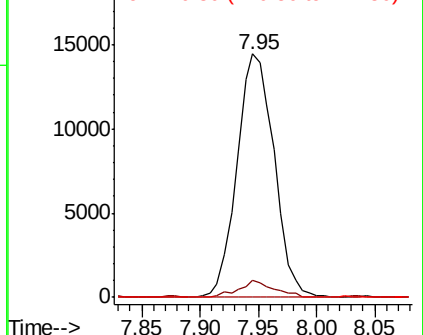


Abundance

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



#49

1,4-Dioxane

Concen: 1.704 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW008901.D

Acq: 28 Feb 2019 21:23

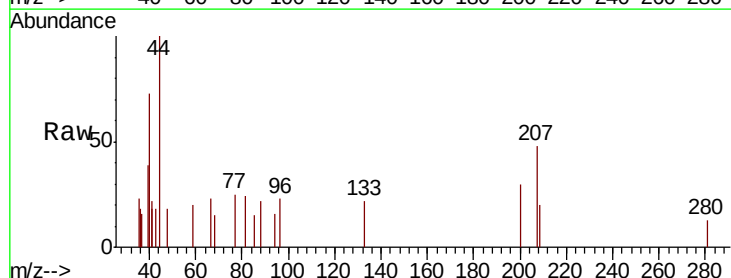
Tgt Ion: 88 Resp: 52

Ion Ratio Lower Upper

88 100

43 242.3 29.0 43.4#

58 55.8 52.0 78.0

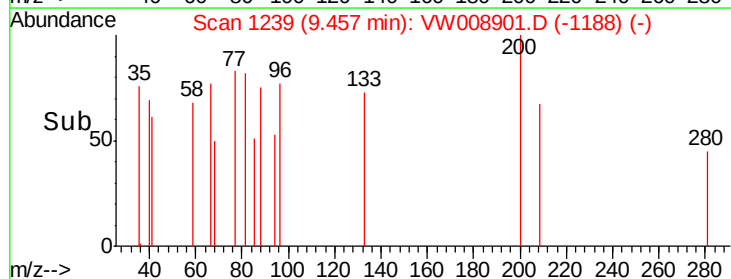
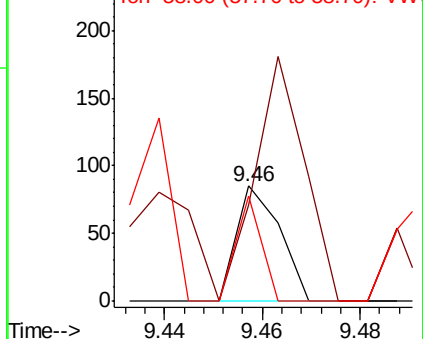


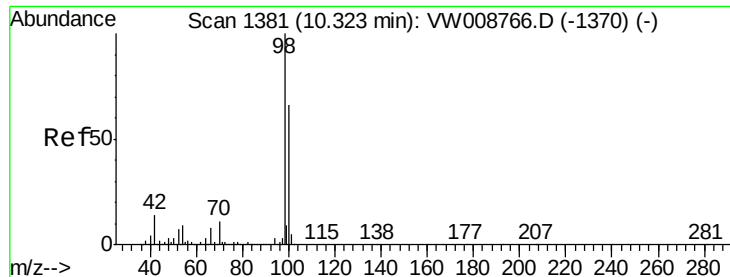
Abundance

Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 51.373 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008901.D

Acq: 28 Feb 2019 21:23

Instrument :

MSVOA_W

ClientSampleId :

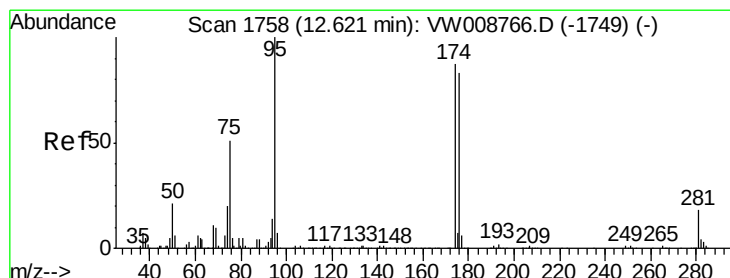
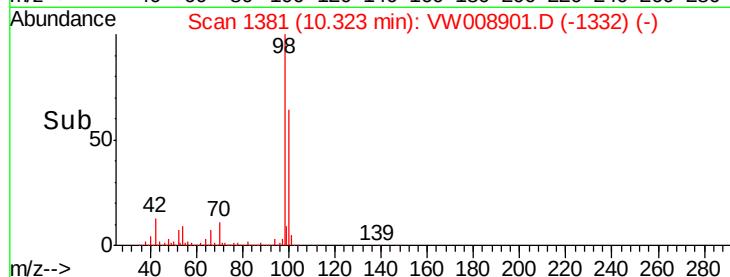
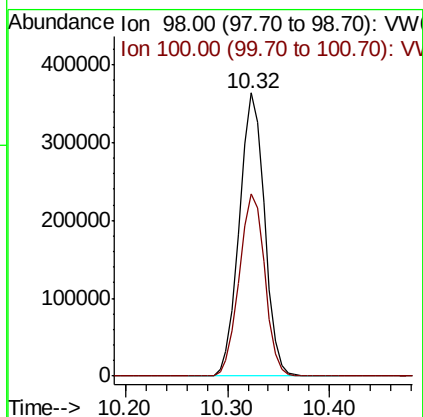
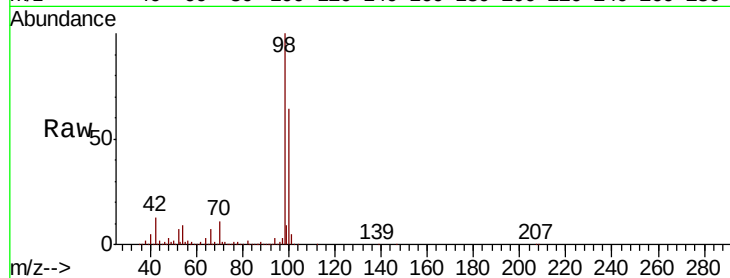
PE-5(BELOW-EXPOSED-PIPE)

Tot Ion: 98 Resp: 621162

Ion Ratio Lower Upper

98 100

100 65.5 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 44.675 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008901.D

Acq: 28 Feb 2019 21:23

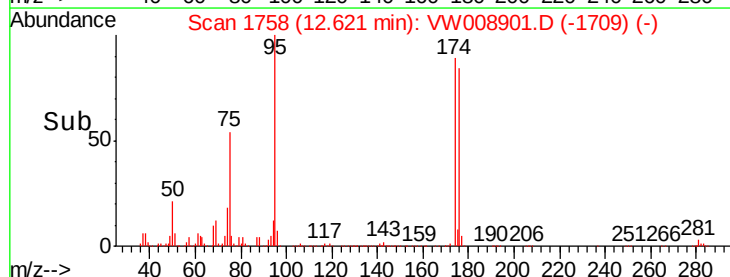
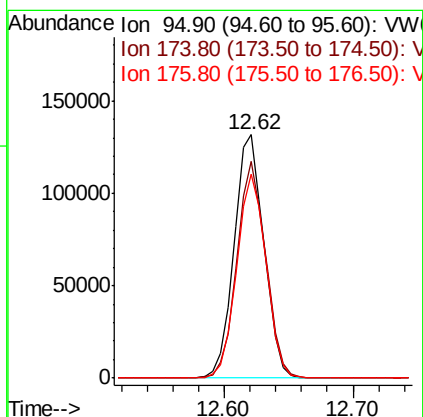
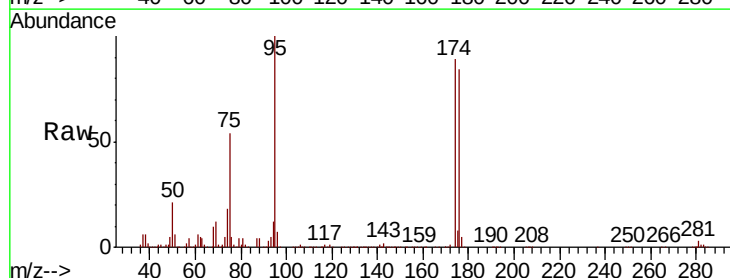
Tgt Ion: 95 Resp: 211499

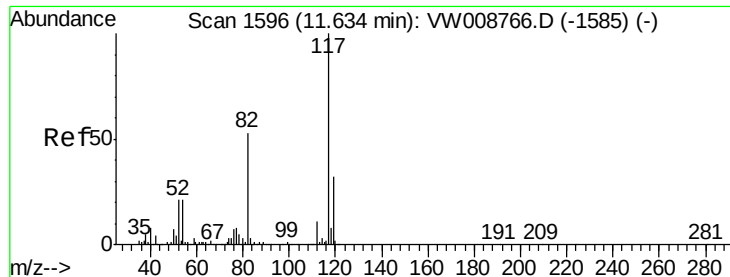
Ion Ratio Lower Upper

95 100

174 86.0 0.0 169.2

176 82.2 0.0 163.6

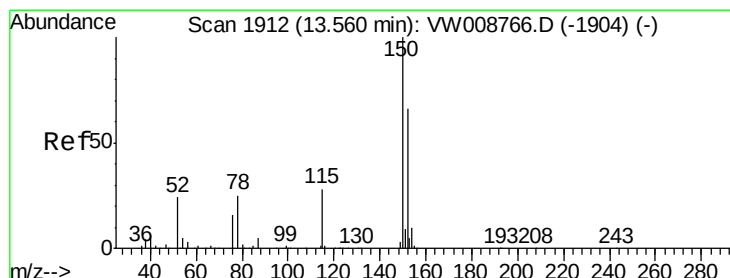
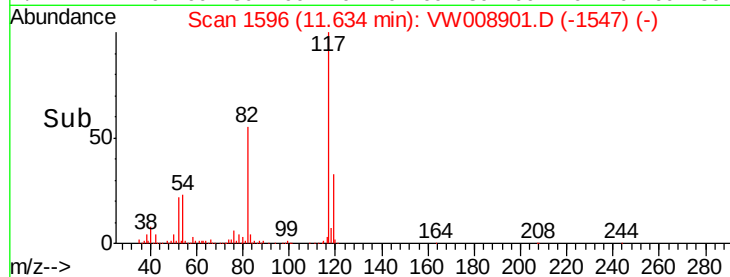
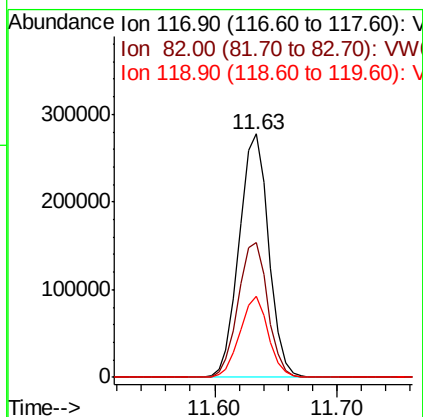
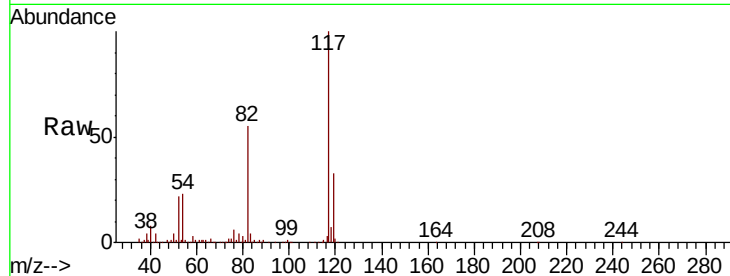




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008901.D
Acq: 28 Feb 2019 21:23

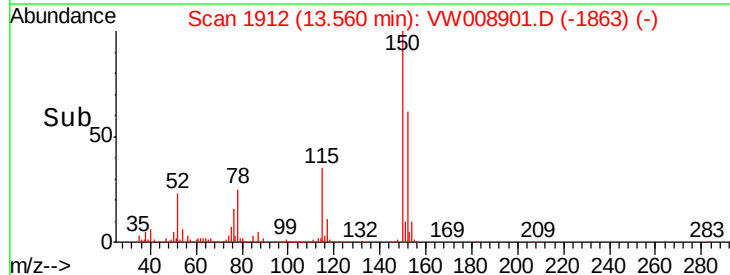
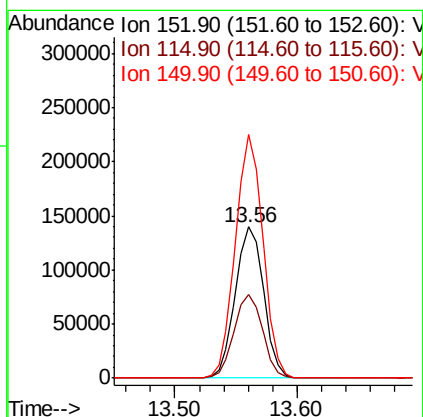
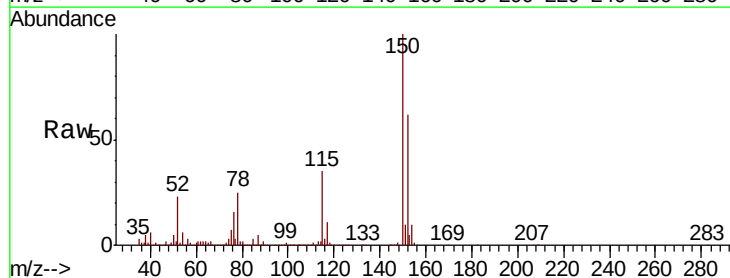
Instrument :
MSVOA_W
ClientSampleId :
PE-5(BELOW-EXPOSED-PIPE)

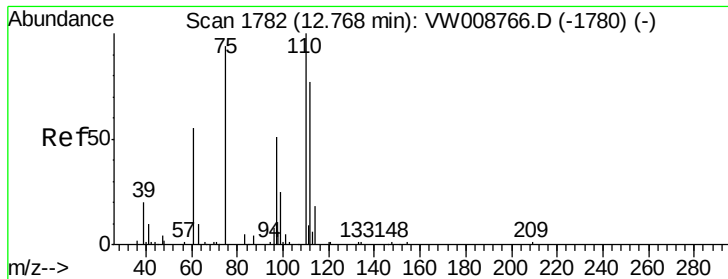
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	42.2	63.4
119	33.4	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008901.D
Acq: 28 Feb 2019 21:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.5	28.6	85.8
150	156.4	0.0	348.0





#76

1,2,3-Trichloropropane

Concen: 59.713 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008901.D

Acq: 28 Feb 2019 21:23

Instrument :

MSVOA_W

ClientSampleId :

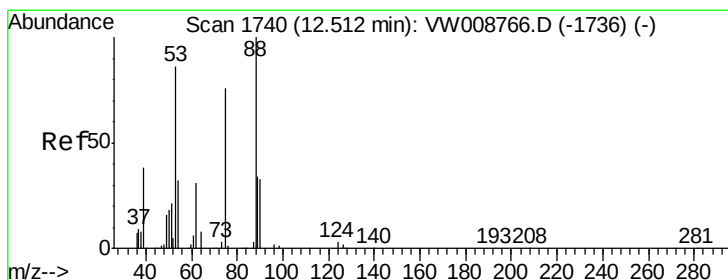
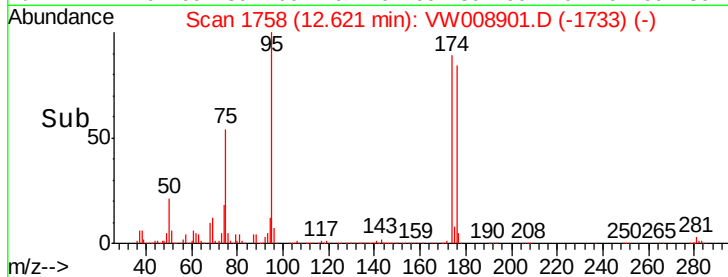
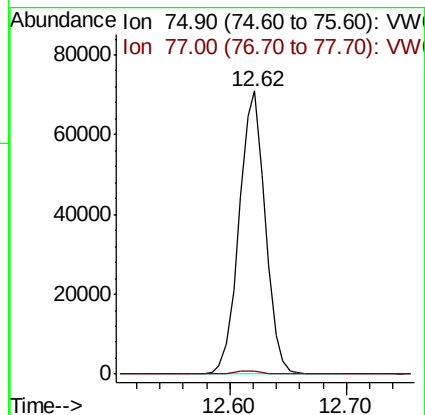
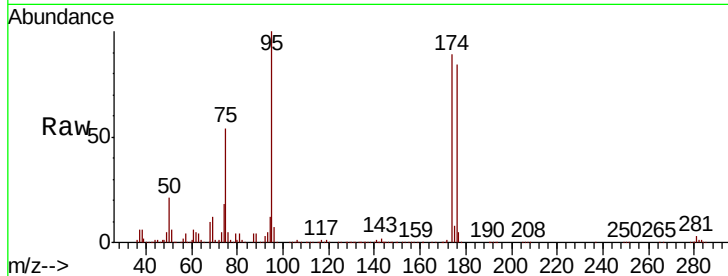
PE-5(BELOW-EXPOSED-PIPE)

Tot Ion: 75 Resp: 110692

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 145.168 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008901.D

Acq: 28 Feb 2019 21:23

Tgt Ion: 75 Resp: 110692

Ion Ratio Lower Upper

75 100

53 0.3 88.2 132.2#

89 0.0 39.5 59.3#

