

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091218\
 Data File : VW005325.D
 Acq On : 12 Sep 2018 15:06
 Operator : SY/AP
 Sample : J4842-01RE
 Misc : 7.36G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 12 15:26:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	12545	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	19884	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	11328	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.45	152	1824	50.00	ug/l	-0.12

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.32	65	5613	59.99	ug/l	0.00
Spiked Amount						
			Recovery	=	119.98%	
35) Dibromofluoromethane	7.90	113	5727	54.98	ug/l	0.00
Spiked Amount						
			Recovery	=	109.96%	
50) Toluene-d8	10.33	98	15510	29.47	ug/l	0.00
Spiked Amount						
			Recovery	=	58.94%	
62) 4-Bromofluorobenzene	12.62	95	4370	22.70	ug/l	0.00
Spiked Amount						
			Recovery	=	45.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.21	50	417	2.882	ug/l	88
5) Bromomethane	2.81	94	505	3.492	ug/l	81
6) Chloroethane	2.92	64	174	2.378	ug/l #	43
10) Methyl Iodide	4.30	142	516	6.937	ug/l #	45
16) Acetone	4.16	43	841	48.423	ug/l #	41
20) Methylene Chloride	4.92	84	1296	7.224	ug/l #	75
31) Cyclohexane	7.95	56	334	1.668	ug/l #	55
36) 1,1-Dichloropropene	7.96	75	907	4.979	ug/l #	40
38) Carbon Tetrachloride	7.96	117	1205	7.061	ug/l #	12
39) Methylcyclohexane	9.34	83	3771	15.591	ug/l #	90
41) Methacrylonitrile	7.53	41	39	1.097	ug/l #	21
48) Methyl methacrylate	9.39	41	187	2.799	ug/l #	12
51) 4-Methyl-2-Pentanone	10.32	43	429	5.925	ug/l #	55
53) t-1,3-Dichloropropene	10.71	75	187	1.120	ug/l #	42
55) 1,1,2-Trichloroethane	10.76	97	2041	20.272	ug/l #	19
56) Ethyl methacrylate	10.66	69	929	7.278	ug/l #	20
59) 2-Hexanone	10.94	43	1853	35.497	ug/l #	22
61) 1,2-Dibromoethane	11.24	107	196	2.123	ug/l #	1
67) Ethyl Benzene	11.74	91	2031	4.700	ug/l #	85
68) m/p-Xylenes	11.85	106	1709	9.813	ug/l #	71
69) o-Xylene	12.18	106	683	4.215	ug/l #	30
73) Isopropylbenzene	12.48	105	1976	15.333	ug/l	87
74) N-amyl acetate	12.26	43	5551	226.387	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.69	83	983	50.753	ug/l #	63
76) 1,2,3-Trichloropropane	12.77	75	63	4.491	ug/l #	100
78) n-propylbenzene	12.81	91	2743	17.722	ug/l	100
79) 2-Chlorotoluene	13.10	91	1909	21.507	ug/l	90
80) 1,3,5-Trimethylbenzene	12.95	105	19585	178.468	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.62	75	1650	275.824	ug/l #	25
82) 4-Chlorotoluene	13.10	91	1909	20.462	ug/l	91
83) tert-Butylbenzene	13.21	119	2058	21.442	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	13634	123.635	ug/l	99
85) sec-Butylbenzene	13.39	105	6909	50.089	ug/l #	70
86) p-Isopropyltoluene	13.51	119	10096	82.682	ug/l	95

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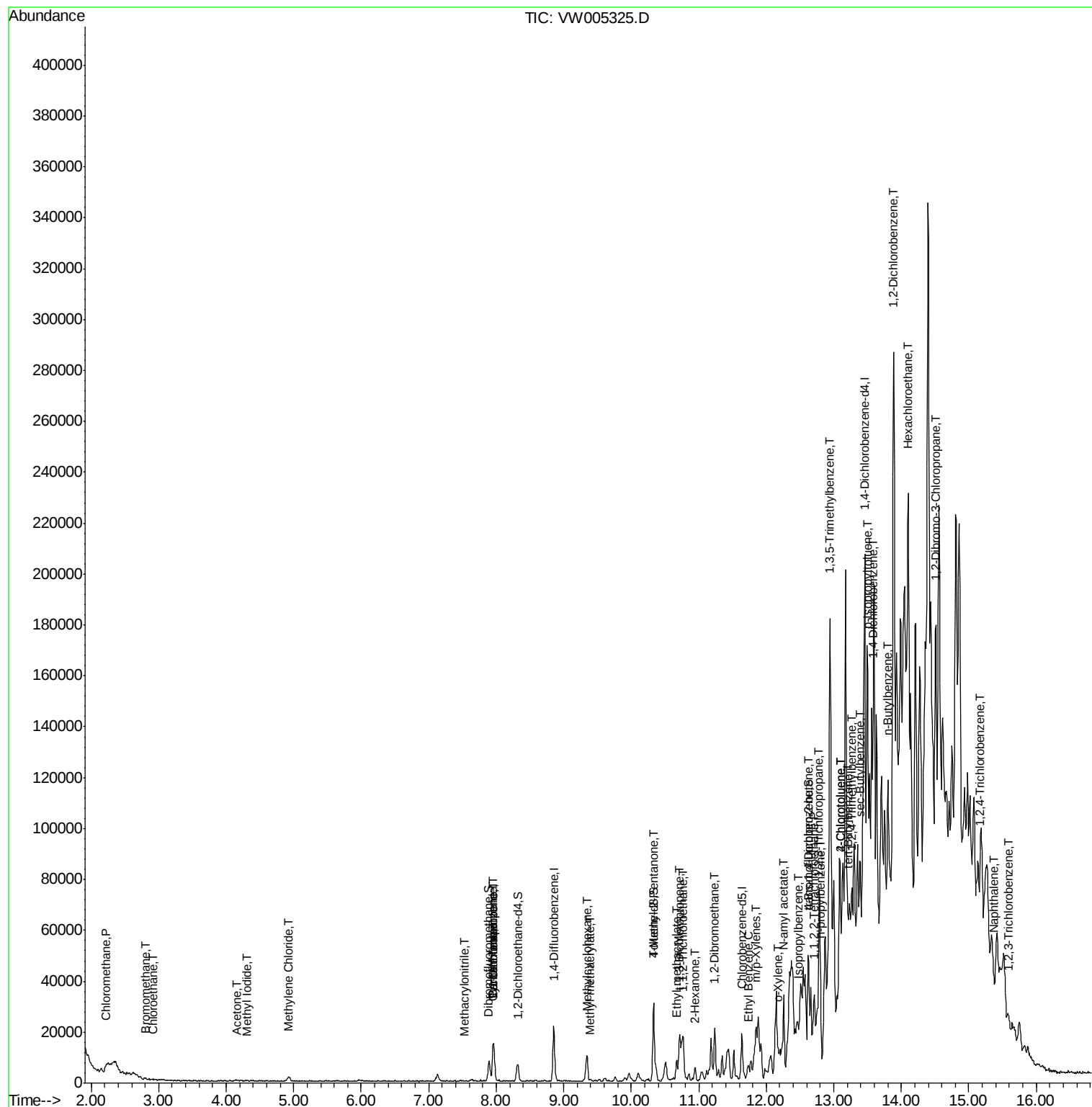
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	13.58	146	137	2.188	ug/l #	1
89) n-Butylbenzene	13.80	91	4559	39.717	ug/l #	1
90) Hexachloroethane	14.11	117	4030	205.997	ug/l #	5
91) 1,2-Dichlorobenzene	13.88	146	128	2.284	ug/l #	66
92) 1,2-Dibromo-3-Chloropropan	14.51	75	120	37.258	ug/l #	30
93) 1,2,4-Trichlorobenzene	15.16	180	284	7.165	ug/l #	1
95) Naphthalene	15.38	128	374	5.820	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.59	180	311	9.118	ug/l #	51

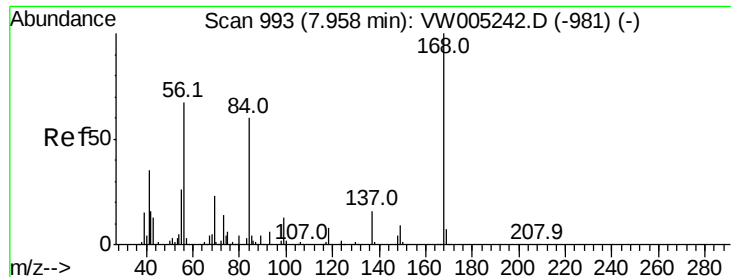
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091218\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 994

Delta R.T. 0.01 min

Lab File: VW005325.D

Acq: 12 Sep 2018 15:06

Instrument :

MSVOA_W

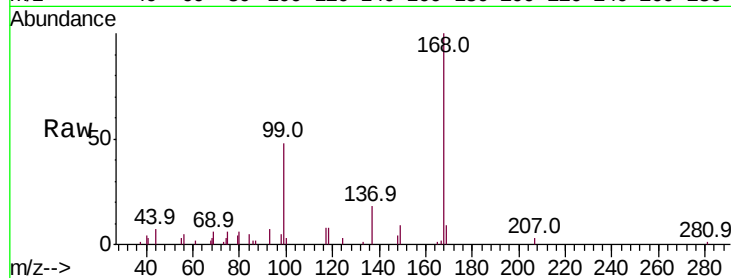
ClientSampleId :

Tot Ion:168 Resp: 12545

Ion Ratio Lower Upper

168 100

99 48.1 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

6000

5000

4000

3000

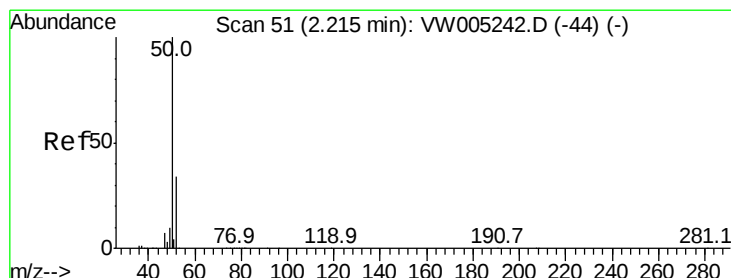
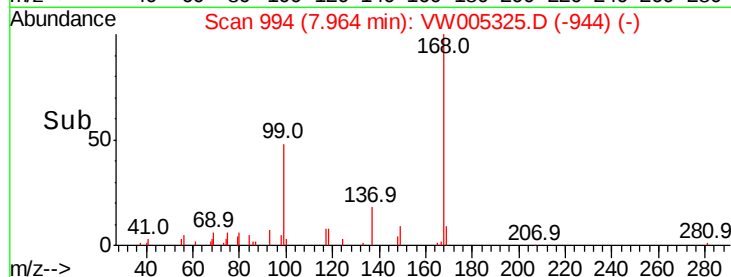
2000

1000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#3

Chloromethane

Concen: 2.882 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005325.D

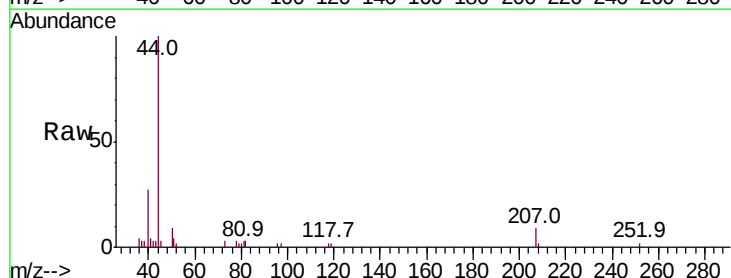
Acq: 12 Sep 2018 15:06

Tgt Ion: 50 Resp: 417

Ion Ratio Lower Upper

50 100

52 27.0 27.0 40.4



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

300

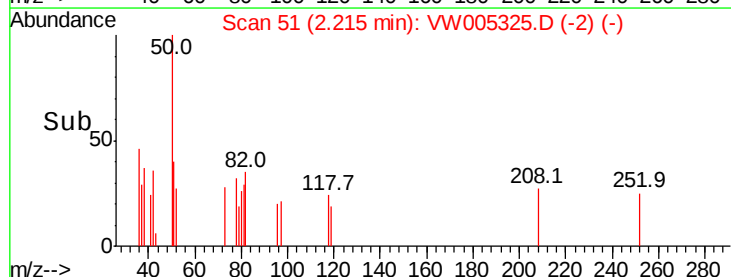
200

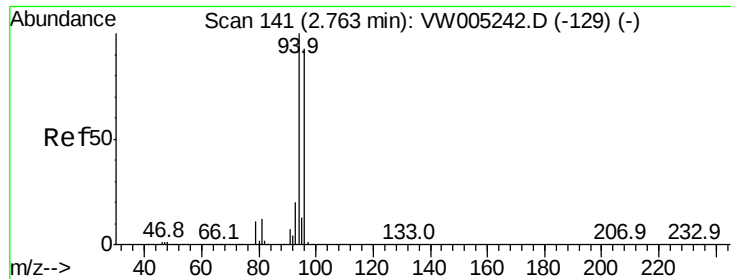
100

0

2.20 2.25

Time-->





#5

Bromomethane

Concen: 3.492 ug/l

RT: 2.81 min Scan# 148

Delta R.T. 0.04 min

Lab File: VW005325.D

Acq: 12 Sep 2018 15:06

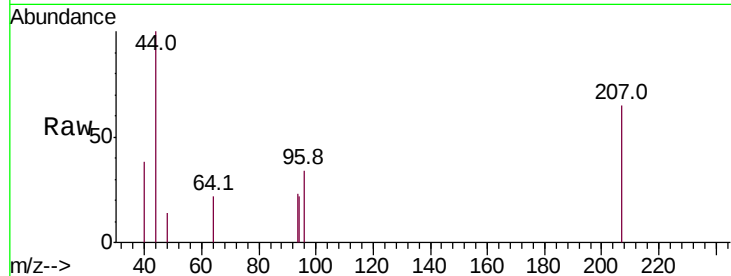
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 94 Resp: 505

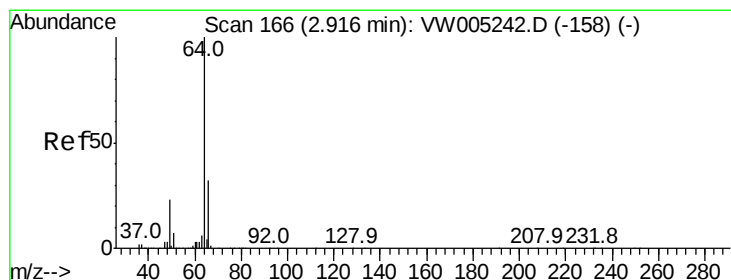
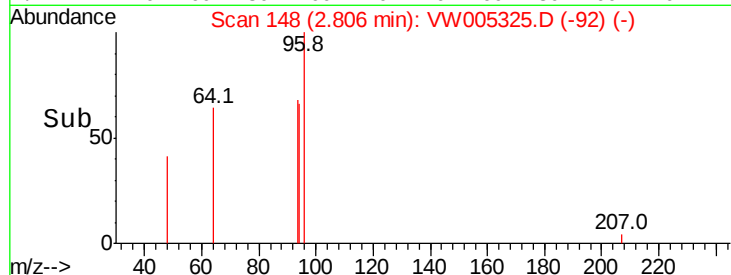
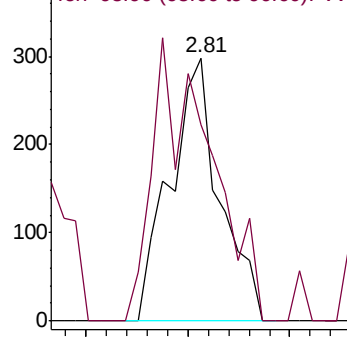
Ion Ratio Lower Upper

94 100

96 74.5 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VW
Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 2.378 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW005325.D

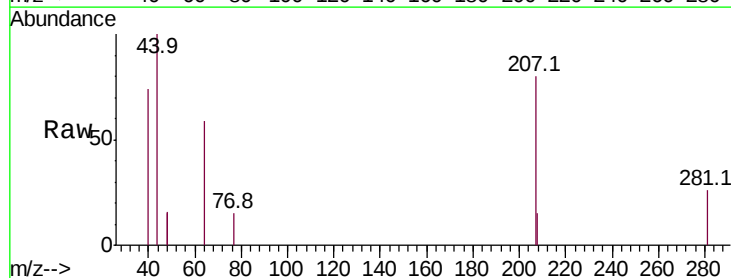
Acq: 12 Sep 2018 15:06

Tgt Ion: 64 Resp: 174

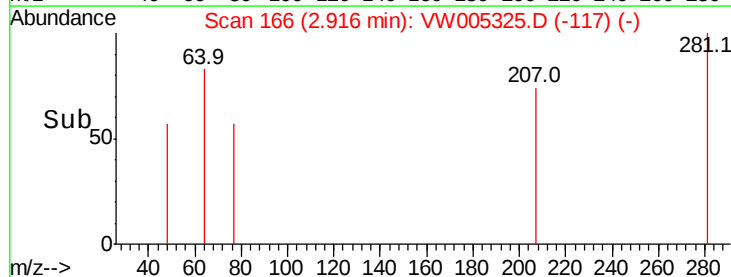
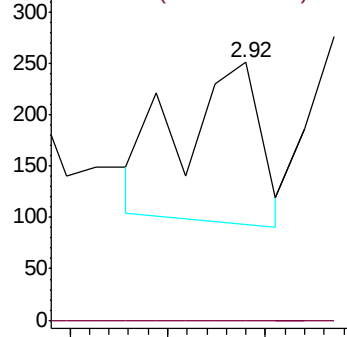
Ion Ratio Lower Upper

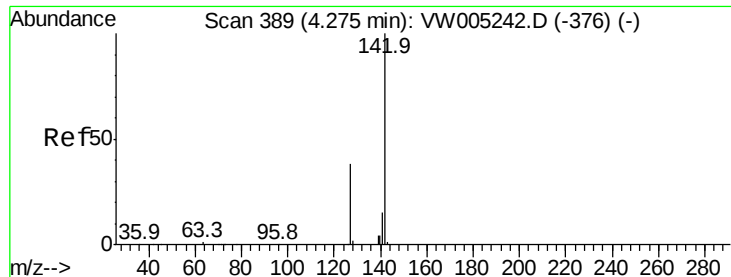
64 100

66 0.0 25.3 37.9#



Abundance Ion 63.90 (63.60 to 64.60): VW
Ion 65.90 (65.60 to 66.60): VW

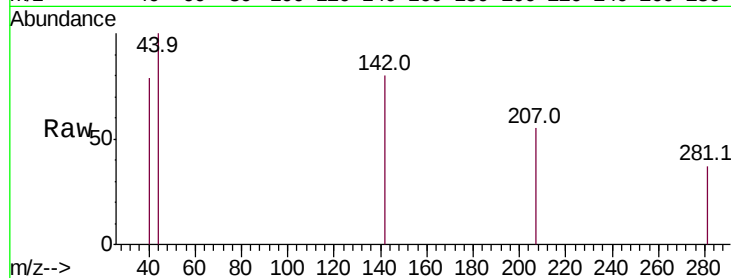




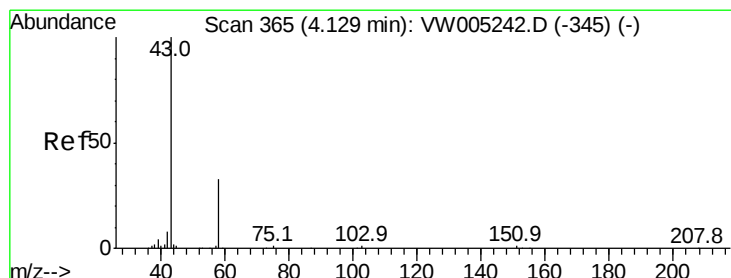
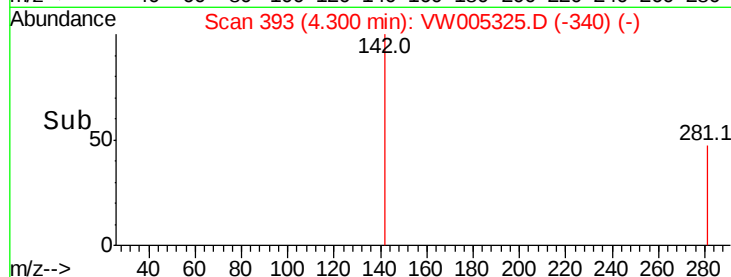
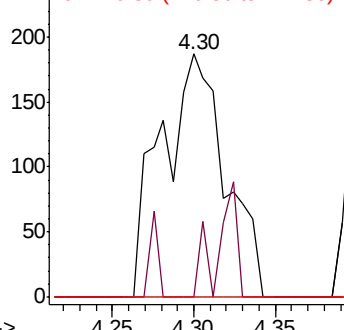
#10
Methvl Iodide
Concen: 6.937 ug/l
RT: 4.30 min Scan# 393
Delta R.T. 0.02 min
Lab File: VW005325.D
Acq: 12 Sep 2018 15:06

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:142 Resp: 516
Ion Ratio Lower Upper
142 100
127 0.0 30.3 45.5#
141 0.0 11.4 17.0#

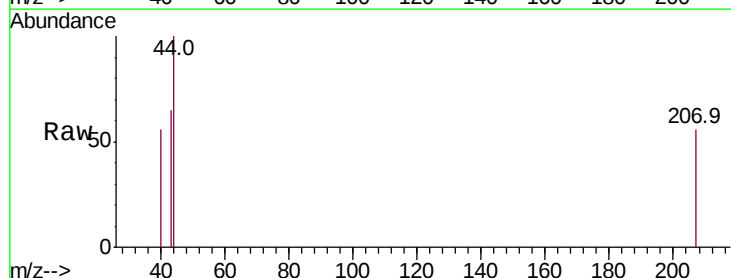


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

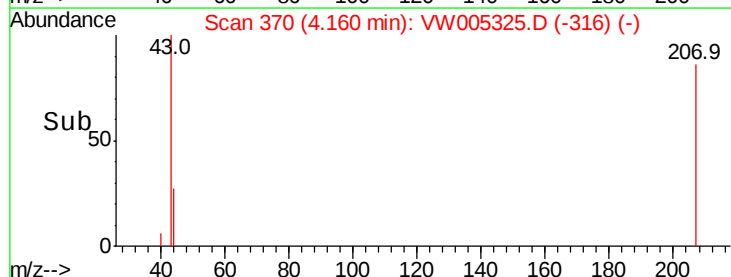
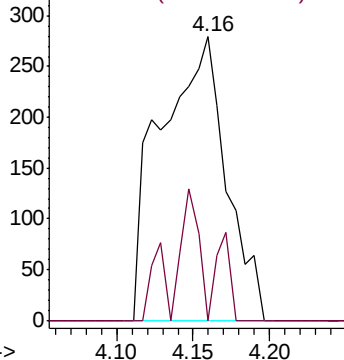


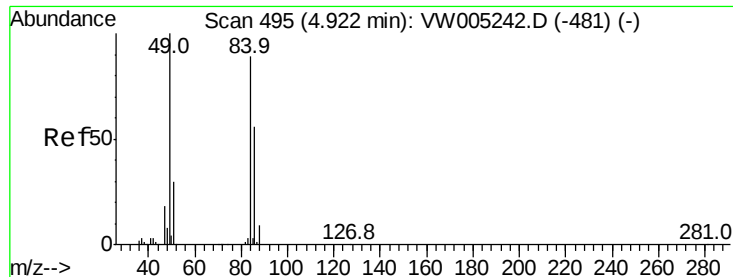
#16
Acetone
Concen: 48.423 ug/l
RT: 4.16 min Scan# 370
Delta R.T. 0.03 min
Lab File: VW005325.D
Acq: 12 Sep 2018 15:06

Tgt Ion: 43 Resp: 841
Ion Ratio Lower Upper
43 100
58 0.0 26.7 40.1#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

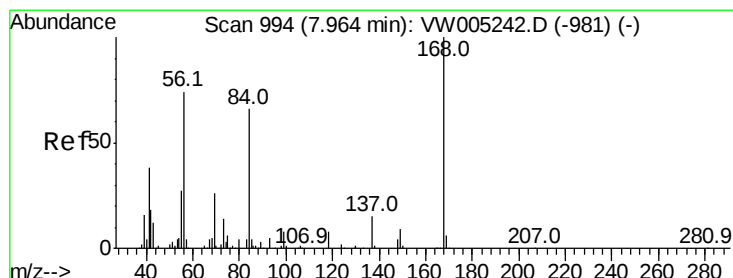
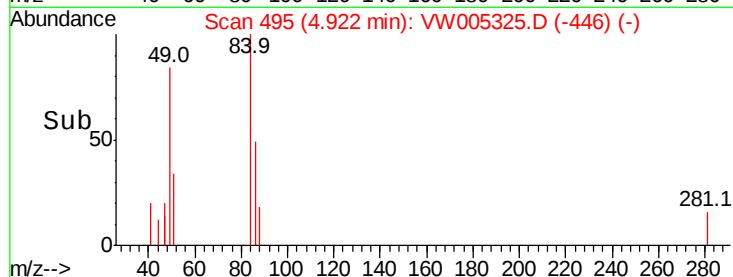
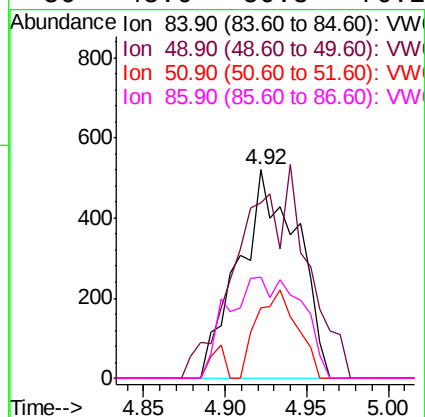
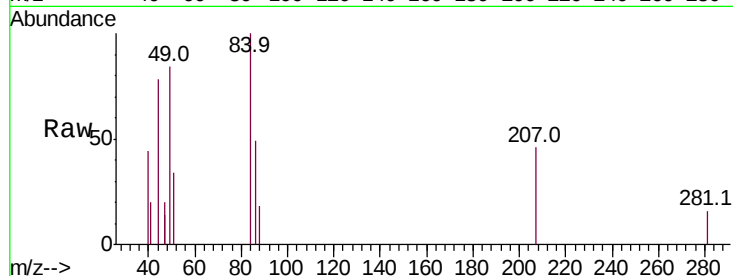




#20
Methvlene Chloride
Concen: 7.224 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW005325.D
Acq: 12 Sep 2018 15:06

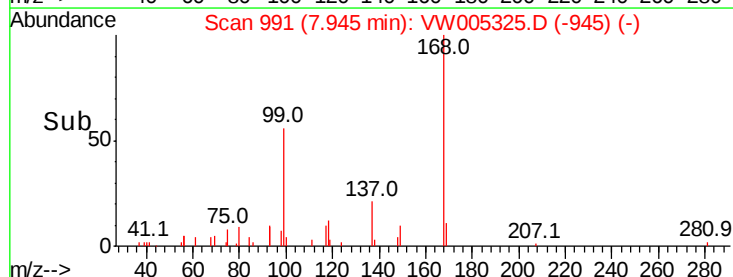
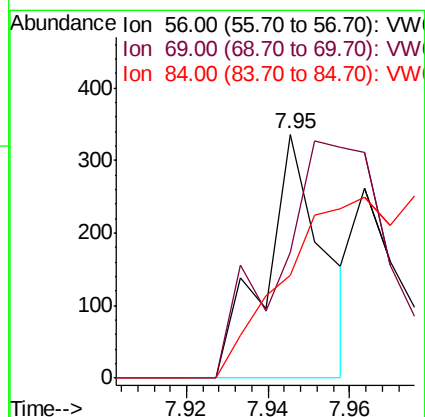
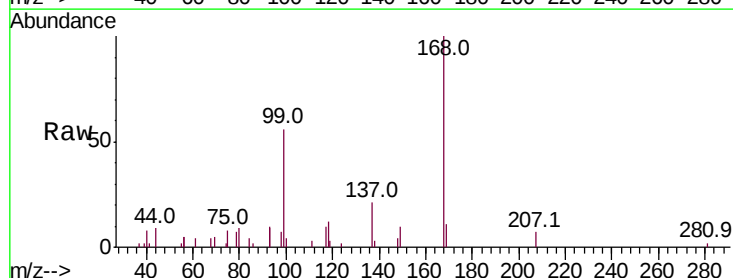
Instrument :
MSVOA_W
ClientSampleId :

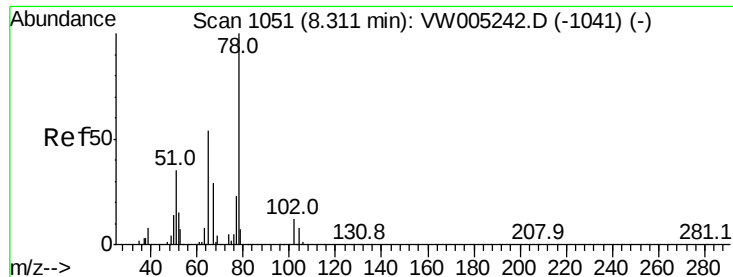
Tot Ion:	84	Resp:	1296
Ion	Ratio	Lower	Upper
84	100		
49	73.7	90.3	135.5#
51	33.8	26.9	40.3
86	48.6	50.8	76.2#



#31
Cyclohexane
Concen: 1.668 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.02 min
Lab File: VW005325.D
Acq: 12 Sep 2018 15:06

Tgt Ion:	56	Resp:	334
Ion	Ratio	Lower	Upper
56	100		
69	51.5	27.8	41.8#
84	42.0	72.1	108.1#





#33

1,2-Dichloroethane-d4

Concen: 59.988 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VW005325.D

Acq: 12 Sep 2018 15:06

Instrument :

MSVOA_W

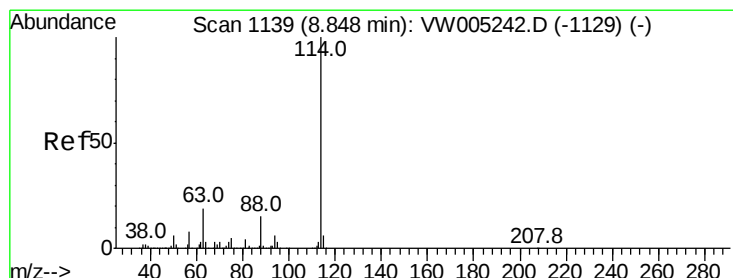
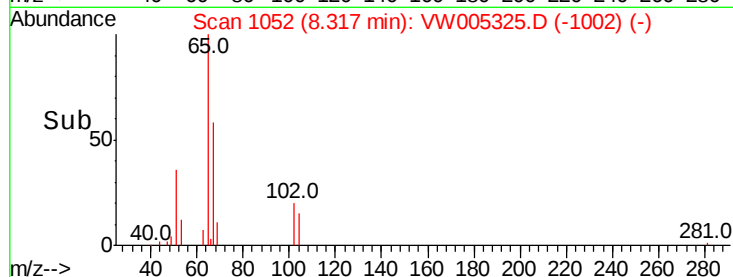
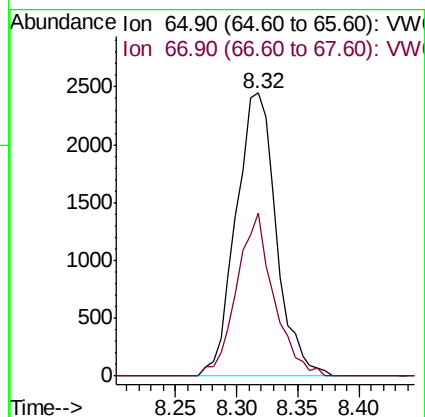
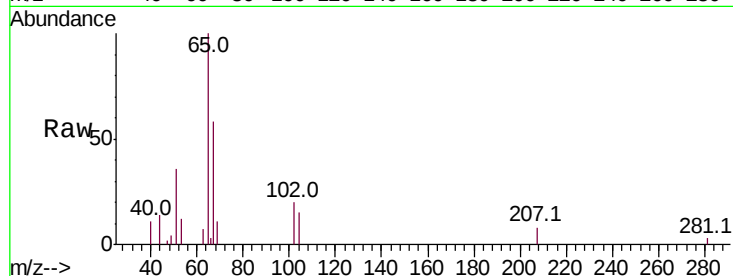
ClientSampled :

Tot Ion: 65 Resp: 5613

Ion Ratio Lower Upper

65 100

67 53.0 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1140

Delta R.T. 0.01 min

Lab File: VW005325.D

Acq: 12 Sep 2018 15:06

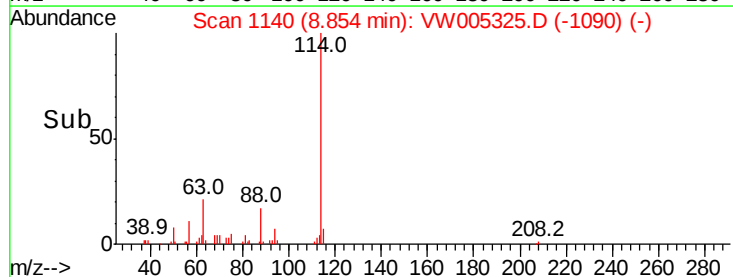
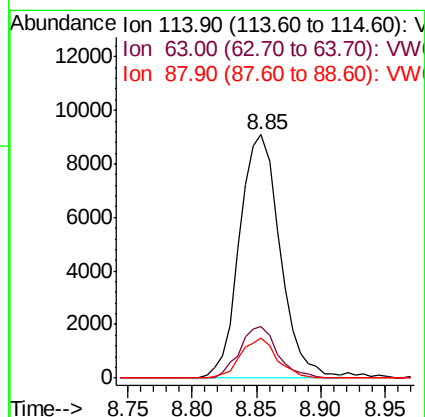
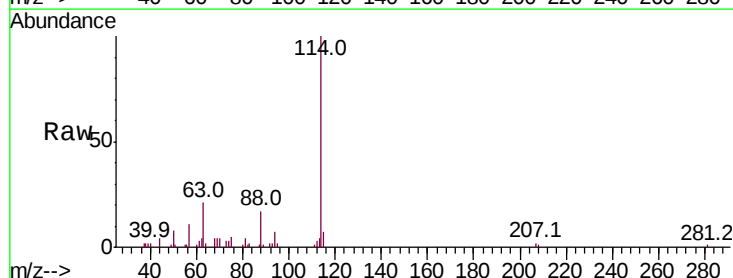
Tgt Ion: 114 Resp: 19884

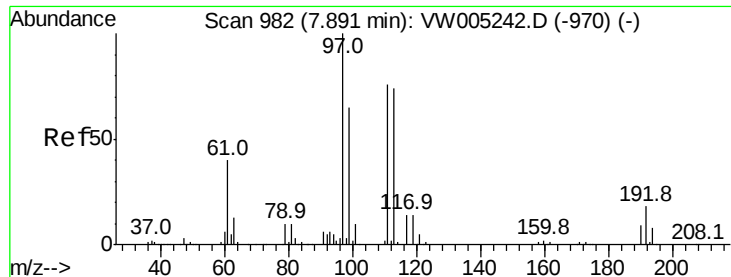
Ion Ratio Lower Upper

114 100

63 21.4 0.0 37.0

88 16.7 0.0 30.4





#35

Dibromofluoromethane

Concen: 54.983 ug/l

RT: 7.90 min Scan# 983

Delta R.T. 0.01 min

Lab File: VW005325.D

Acq: 12 Sep 2018 15:06

Instrument :

MSVOA_W

ClientSampleId :

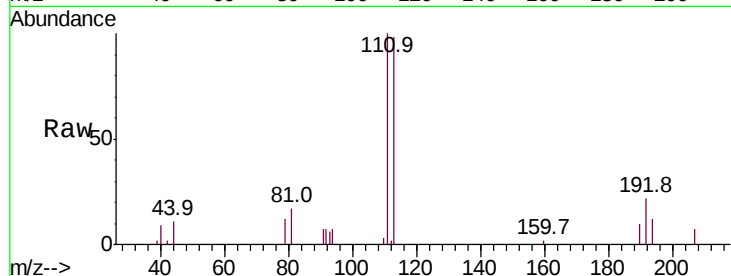
Tot Ion:113 Resp: 5727

Ion Ratio Lower Upper

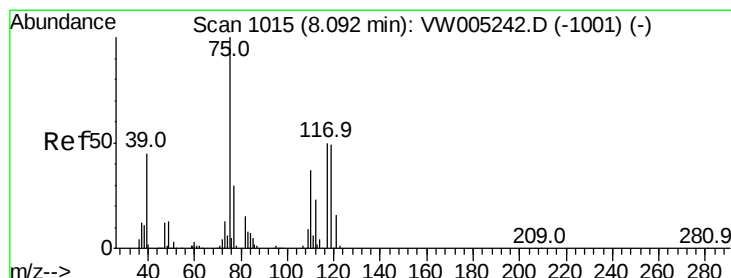
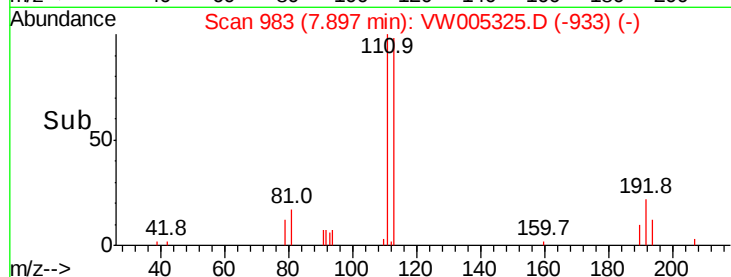
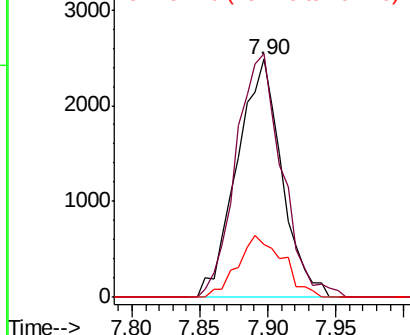
113 100

111 105.1 80.6 121.0

192 26.2 18.3 27.5



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: 4.979 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.13 min

Lab File: VW005325.D

Acq: 12 Sep 2018 15:06

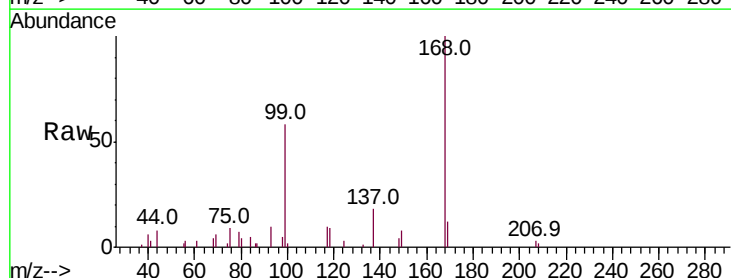
Tgt Ion: 75 Resp: 907

Ion Ratio Lower Upper

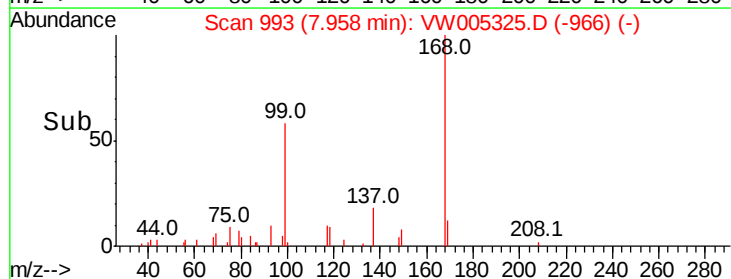
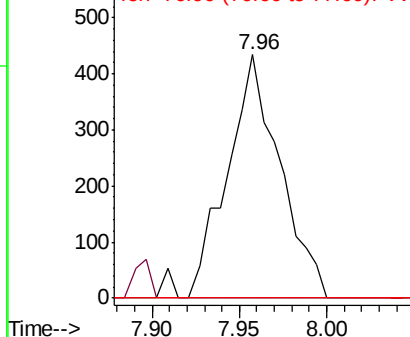
75 100

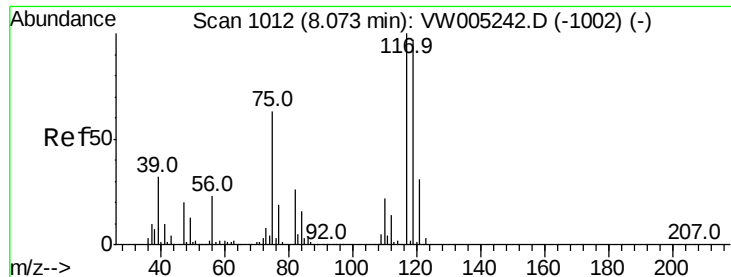
110 0.0 18.8 56.4#

77 0.0 24.9 37.3#



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: 7.061 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.12 min

Lab File: VW005325.D

Acq: 12 Sep 2018 15:06

Instrument :

MSVOA_W

ClientSampleId :

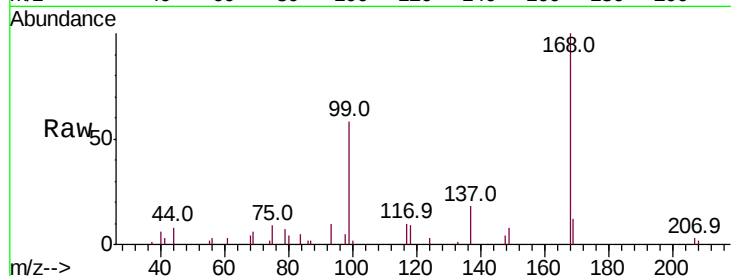
Tot Ion:117 Resp: 1205

Ion Ratio Lower Upper

117 100

119 0.0 77.5 116.3#

121 0.0 24.7 37.1#



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

7.96

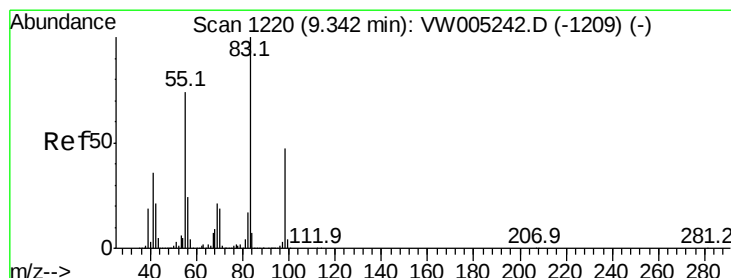
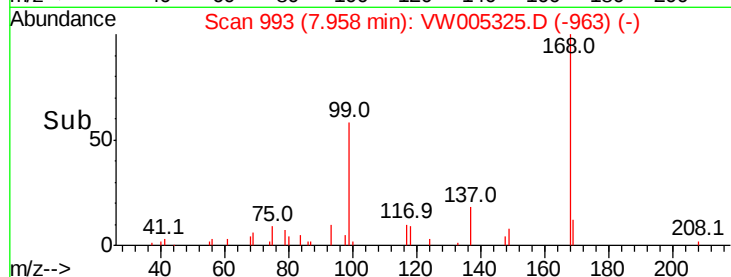
400

200

0

7.90 7.95 8.00

Time-->



#39

Methylcyclohexane

Concen: 15.591 ug/l

RT: 9.34 min Scan# 1220

Delta R.T. -0.00 min

Lab File: VW005325.D

Acq: 12 Sep 2018 15:06

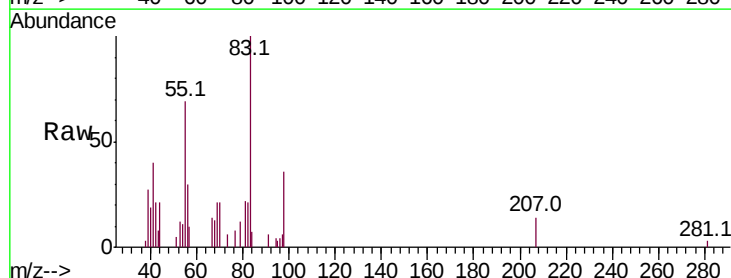
Tgt Ion: 83 Resp: 3771

Ion Ratio Lower Upper

83 100

55 68.6 58.9 88.3

98 36.5 37.6 56.4#



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

9.34

2500

2000

1500

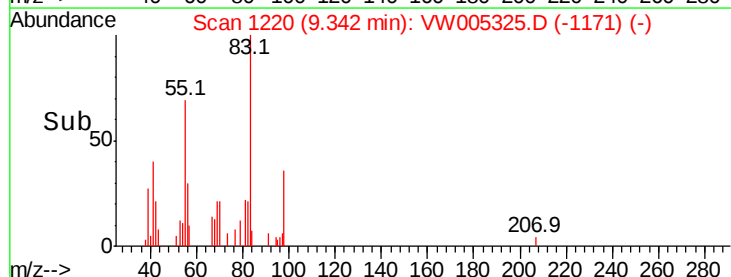
1000

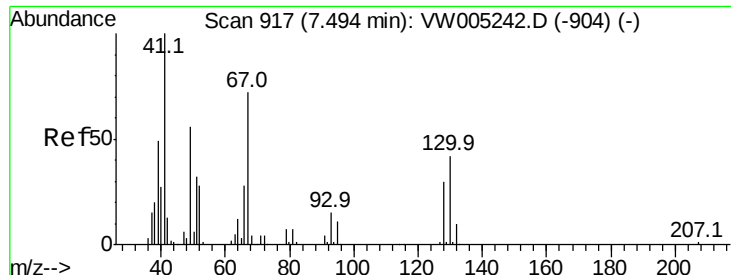
500

0

9.25 9.30 9.35 9.40

Time-->





#41

Methacrylonitrile

Concen: 1.097 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.04 min

Lab File: VW005325.D

Acq: 12 Sep 2018 15:06

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 41 Resp: 39

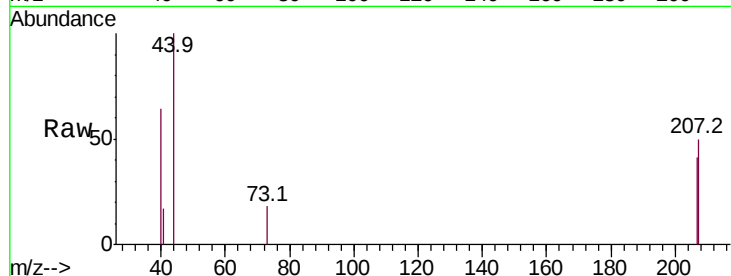
Ion Ratio Lower Upper

41 100

39 0.0 39.9 59.9#

67 0.0 65.7 98.5#

52 0.0 25.1 37.7#

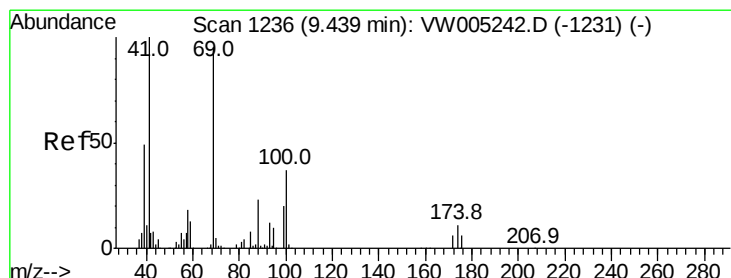
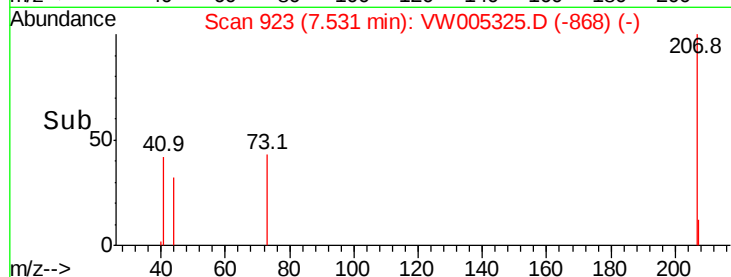
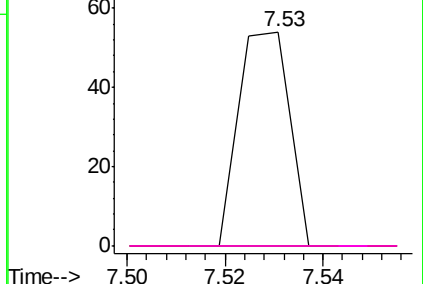


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#48

Methyl methacrylate

Concen: 2.799 ug/l

RT: 9.39 min Scan# 1228

Delta R.T. -0.05 min

Lab File: VW005325.D

Acq: 12 Sep 2018 15:06

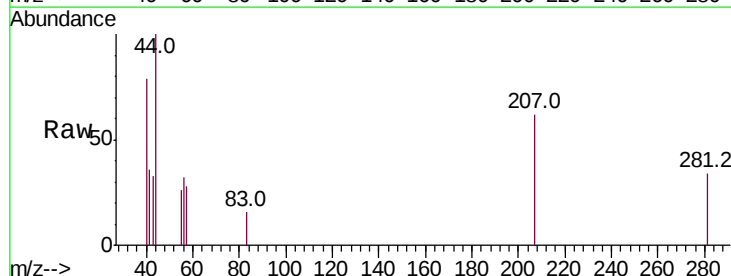
Tgt Ion: 41 Resp: 187

Ion Ratio Lower Upper

41 100

69 0.0 74.6 112.0#

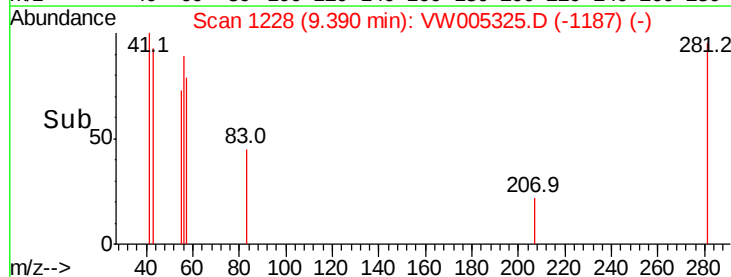
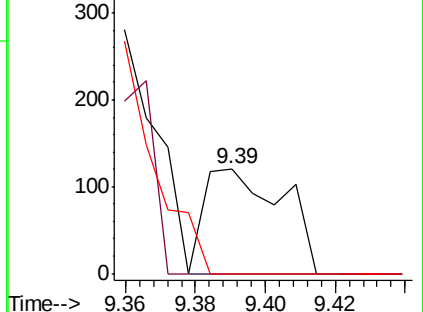
39 0.0 36.7 55.1#

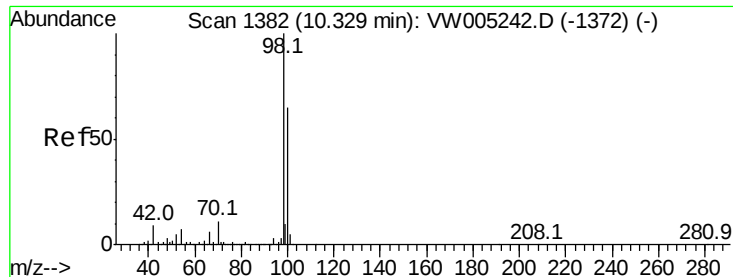


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#50

Toluene-d8

Concen: 29.468 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005325.D

Acq: 12 Sep 2018 15:06

Instrument :

MSVOA_W

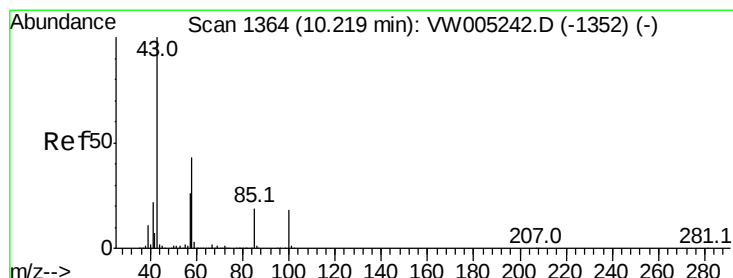
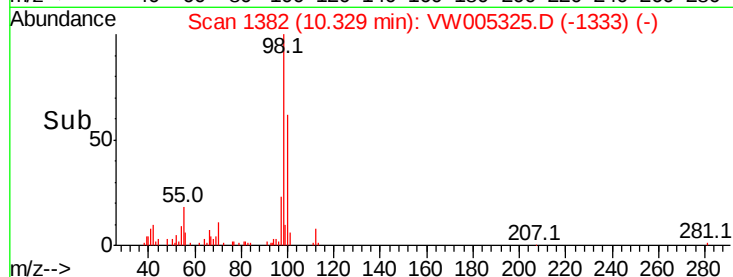
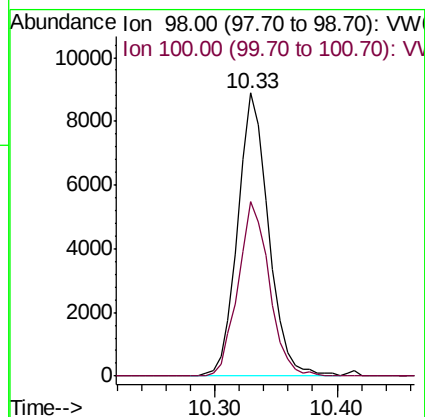
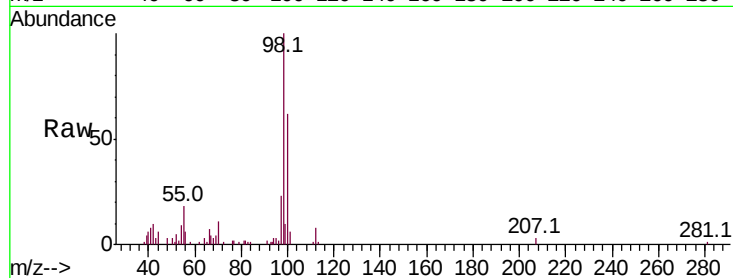
ClientSampleId :

Tot Ion: 98 Resp: 15510

Ion Ratio Lower Upper

98 100

100 62.3 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 5.925 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.10 min

Lab File: VW005325.D

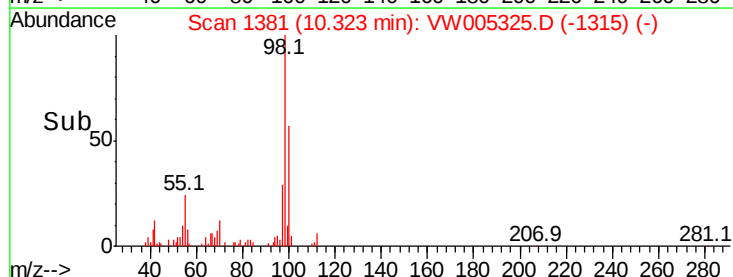
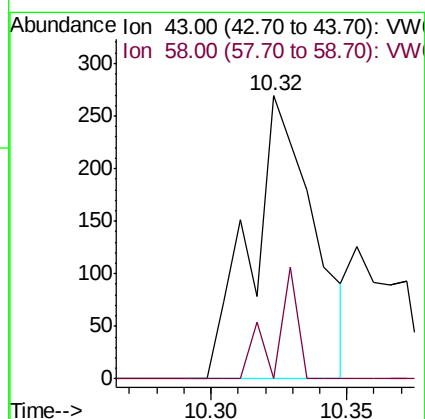
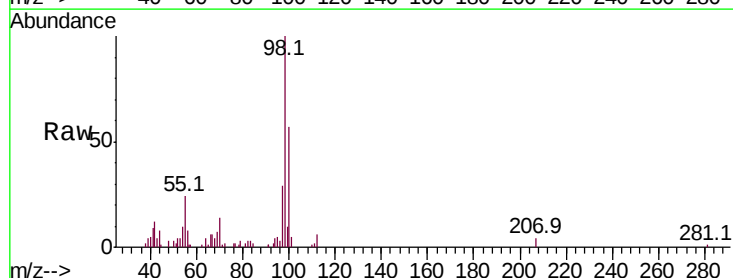
Acq: 12 Sep 2018 15:06

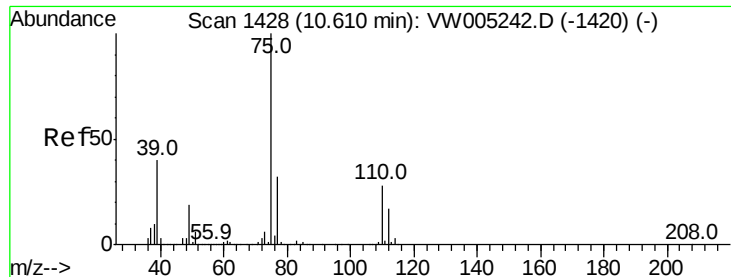
Tgt Ion: 43 Resp: 429

Ion Ratio Lower Upper

43 100

58 13.8 33.8 50.6#





#53

t-1,3-Dichloropropene

Concen: 1.120 ug/l

RT: 10.71 min Scan# 1445

Delta R.T. 0.10 min

Lab File: VW005325.D

Acq: 12 Sep 2018 15:06

Instrument :

MSVOA_W

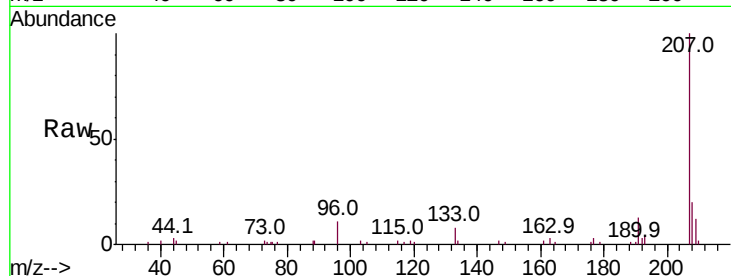
ClientSampled :

Tot Ion: 75 Resp: 187

Ion Ratio Lower Upper

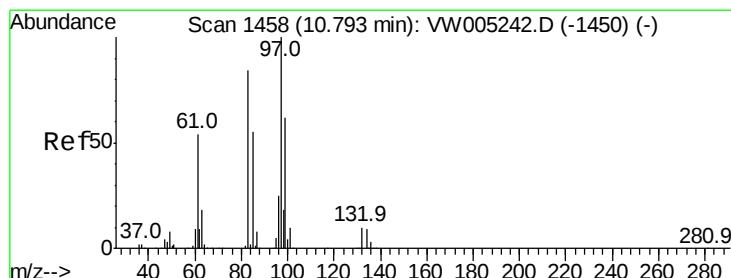
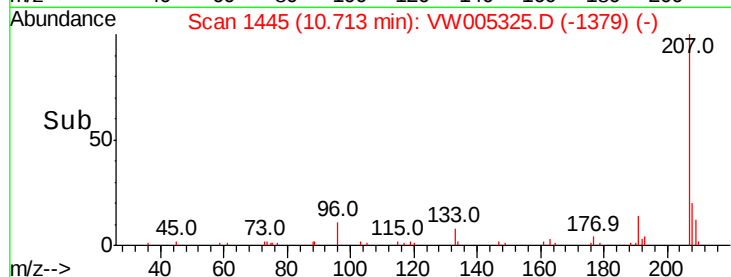
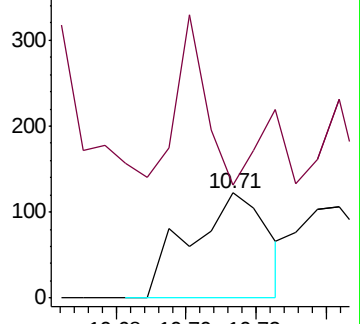
75 100

77 0.0 25.8 38.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#55

1,1,2-Trichloroethane

Concen: 20.272 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.03 min

Lab File: VW005325.D

Acq: 12 Sep 2018 15:06

Tgt Ion: 97 Resp: 2041

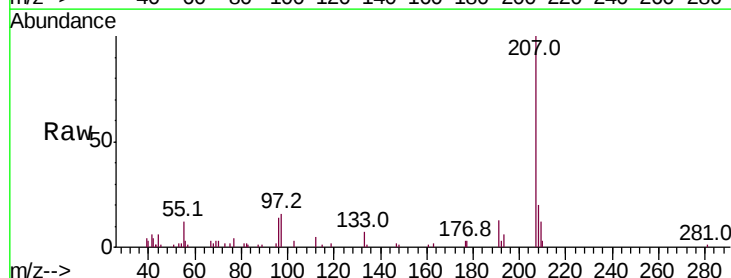
Ion Ratio Lower Upper

97 100

83 8.0 67.2 100.8#

85 0.0 44.4 66.6#

99 0.0 49.2 73.8#

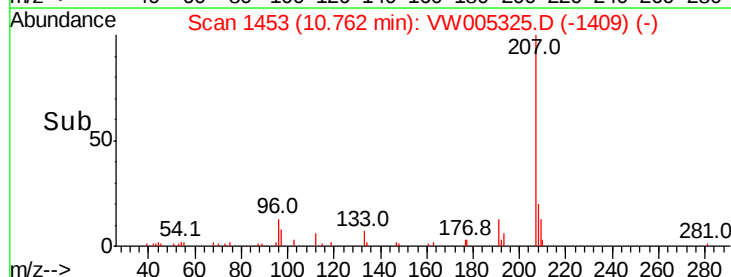
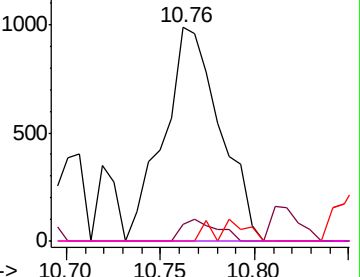


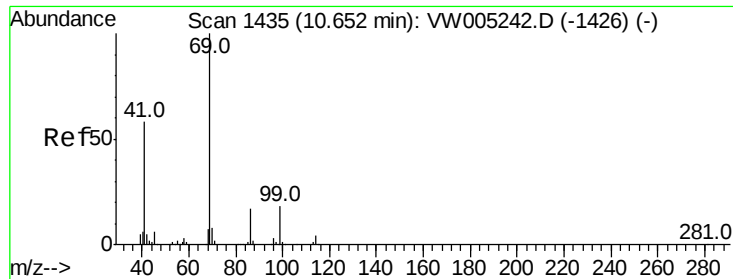
Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW





#56

Ethyl methacrylate

Concen: 7.278 ug/l

RT: 10.66 min Scan# 1436

Delta R.T. 0.01 min

Lab File: VW005325.D

Acq: 12 Sep 2018 15:06

Instrument :

MSVOA_W

ClientSampleId :

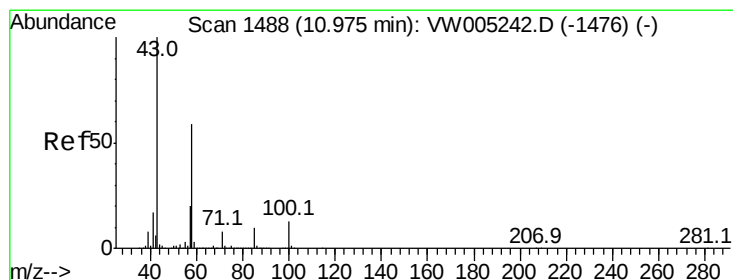
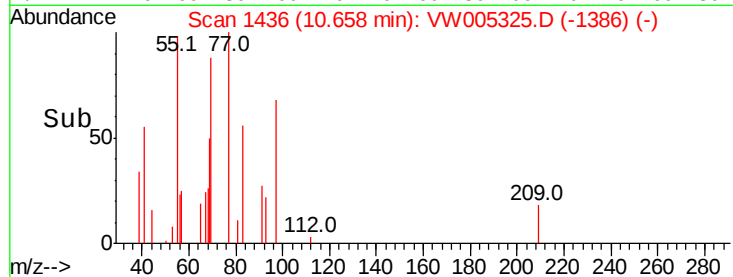
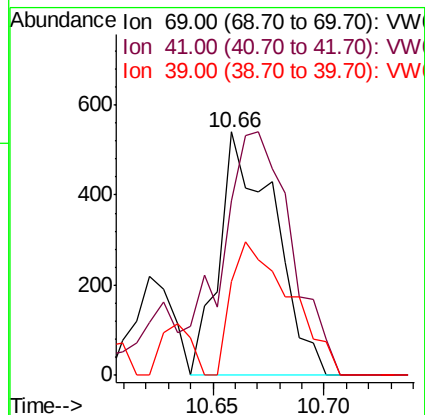
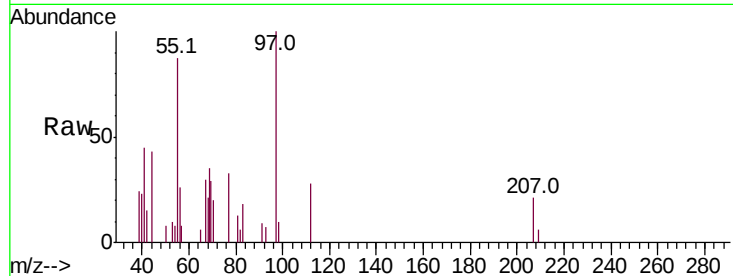
Tot Ion: 69 Resp: 929

Ion Ratio Lower Upper

69 100

41 127.1 48.7 73.1#

39 59.0 20.9 31.3#



#59

2-Hexanone

Concen: 35.497 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.04 min

Lab File: VW005325.D

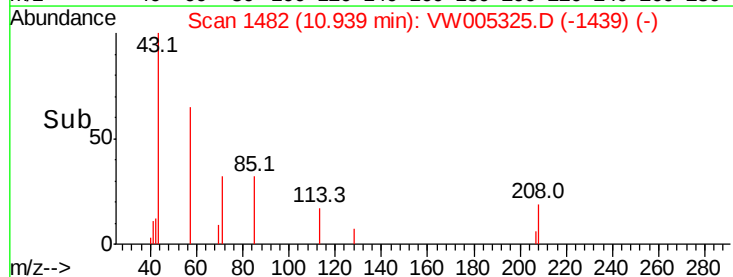
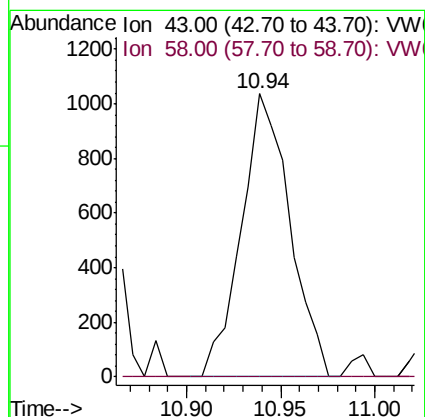
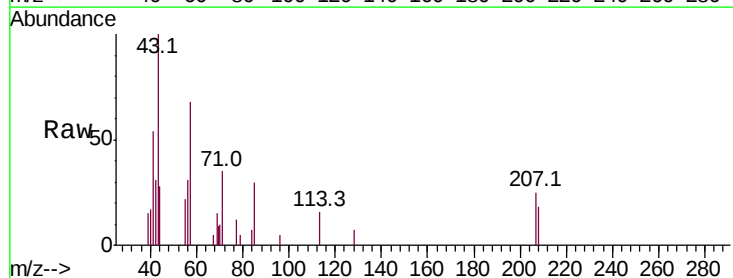
Acq: 12 Sep 2018 15:06

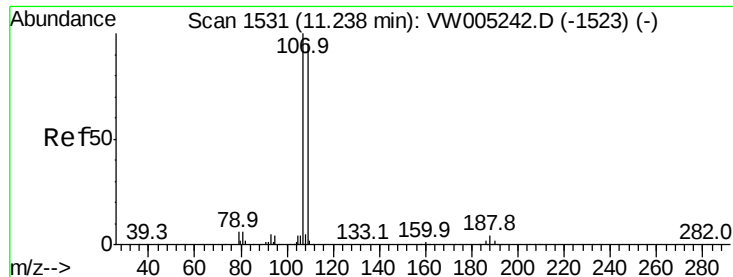
Tgt Ion: 43 Resp: 1853

Ion Ratio Lower Upper

43 100

58 0.0 29.3 87.9#

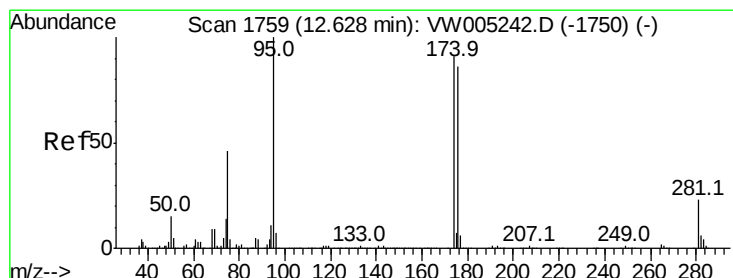
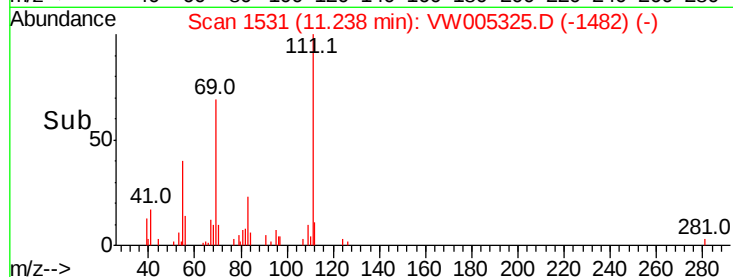
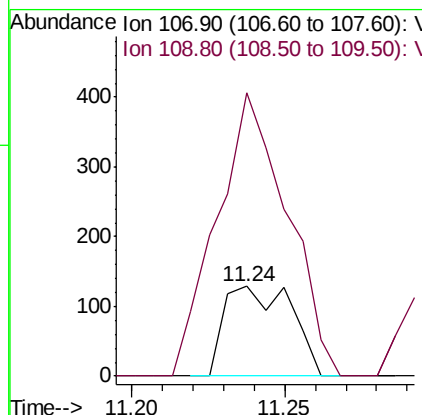
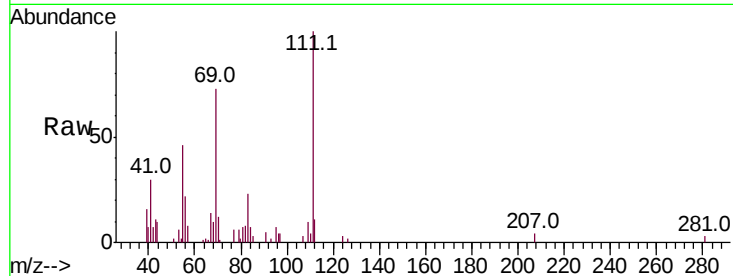




#61
 1,2-Dibromoethane
 Concen: 2.123 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005325.D
 Acq: 12 Sep 2018 15:06

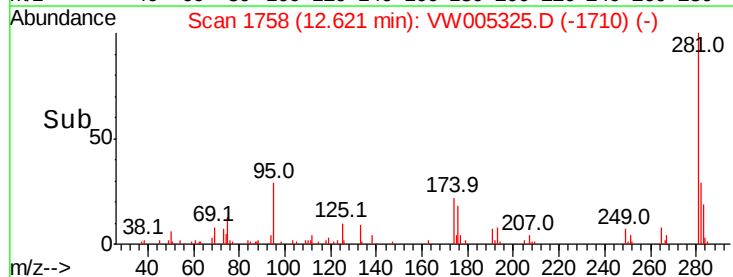
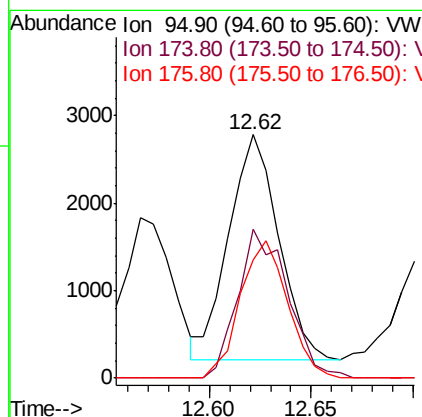
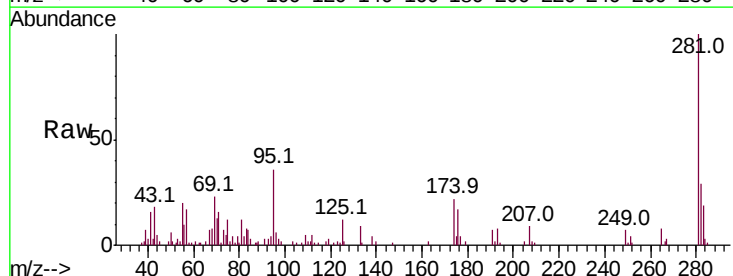
Instrument :
 MSVOA_W
 ClientSampleId :

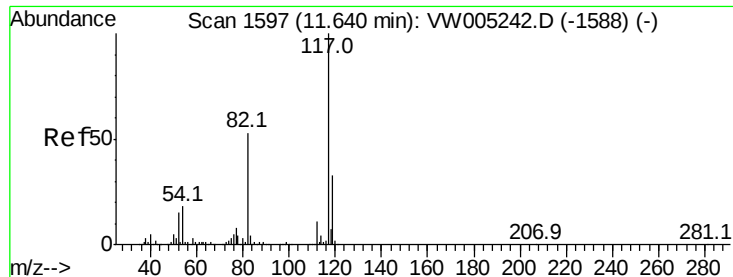
Tot Ion: 107 Resp: 196
 Ion Ratio Lower Upper
 107 100
 109 331.1 75.7 113.5#



#62
 4-Bromofluorobenzene
 Concen: 22.699 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: VW005325.D
 Acq: 12 Sep 2018 15:06

Tgt Ion: 95 Resp: 4370
 Ion Ratio Lower Upper
 95 100
 174 66.3 0.0 174.6
 176 58.1 0.0 167.6

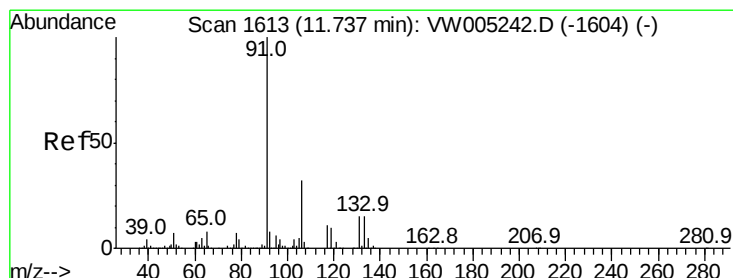
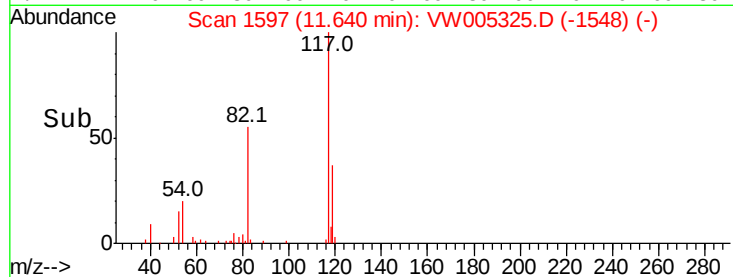
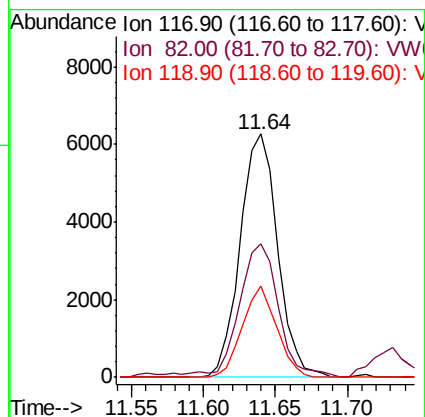
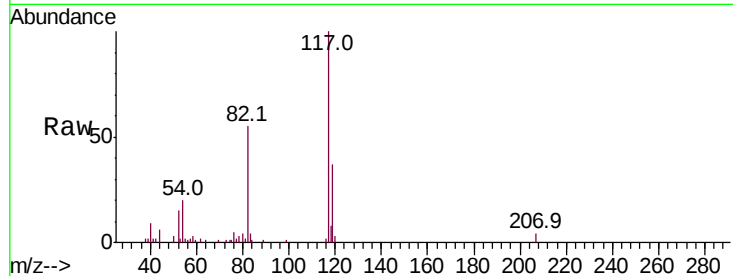




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005325.D
Acq: 12 Sep 2018 15:06

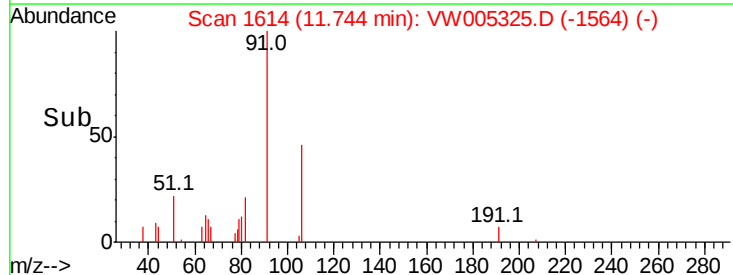
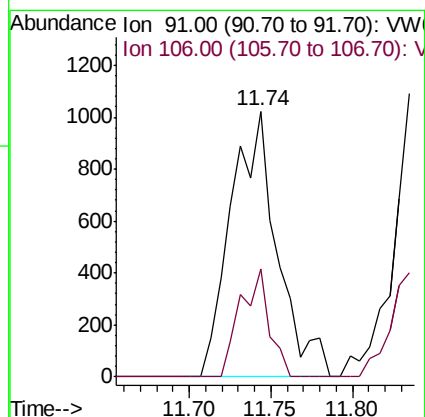
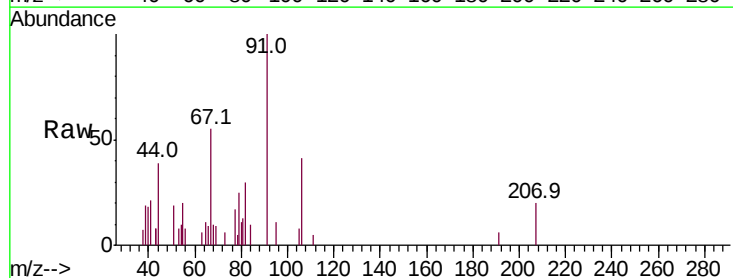
Instrument :
MSVOA_W
ClientSampleId :

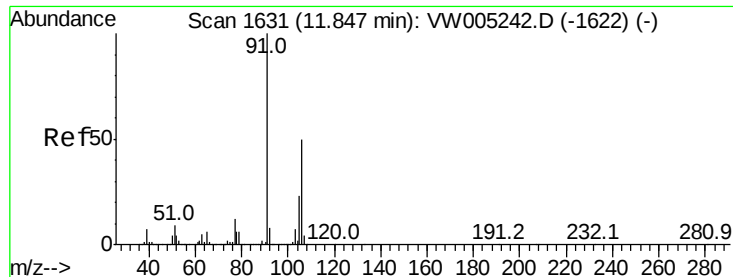
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	42.6	63.8
119	37.5	26.2	39.4



#67
Ethyl Benzene
Concen: 4.700 ug/l
RT: 11.74 min Scan# 1614
Delta R.T. 0.01 min
Lab File: VW005325.D
Acq: 12 Sep 2018 15:06

Tgt Ion	Ratio	Lower	Upper
91	100		
106	40.6	25.6	38.4#





#68

m/p-Xylenes

Concen: 9.813 ug/l

RT: 11.85 min Scan# 1631

Delta R.T. -0.00 min

Lab File: VW005325.D

Acq: 12 Sep 2018 15:06

Instrument :

MSVOA_W

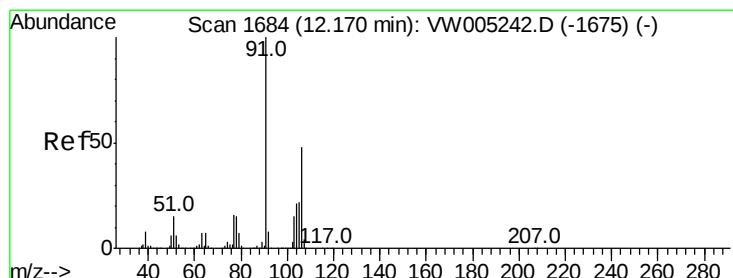
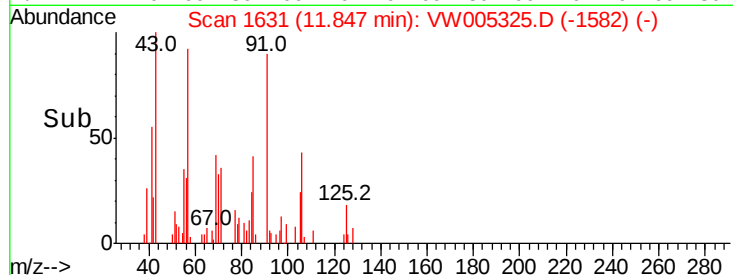
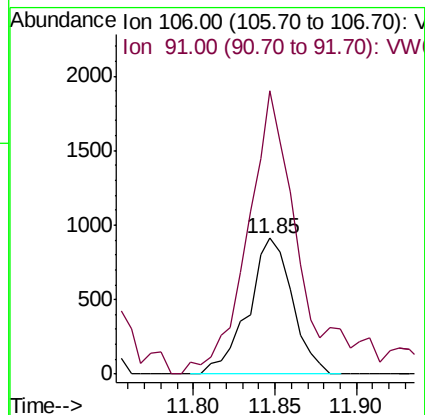
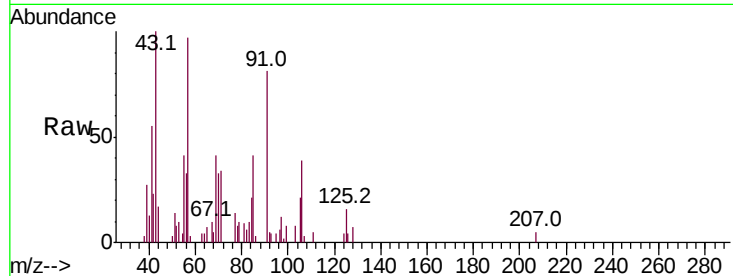
ClientSampled :

Tot Ion:106 Resp: 1709

Ion Ratio Lower Upper

106 100

91 244.4 160.2 240.2#



#69

o-Xylene

Concen: 4.215 ug/l

RT: 12.18 min Scan# 1685

Delta R.T. 0.01 min

Lab File: VW005325.D

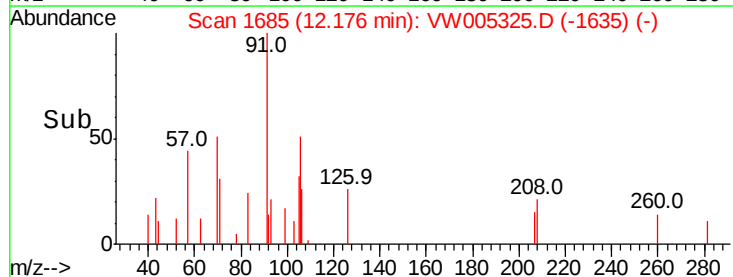
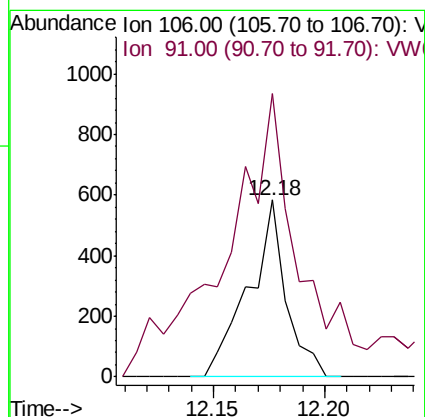
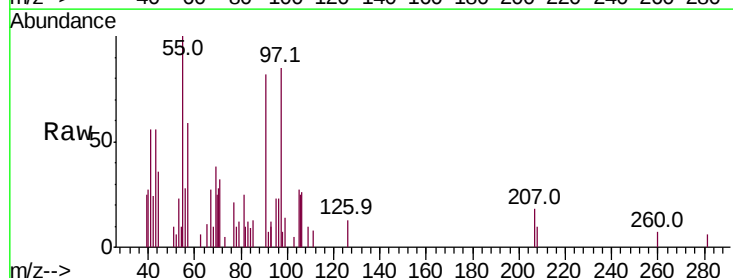
Acq: 12 Sep 2018 15:06

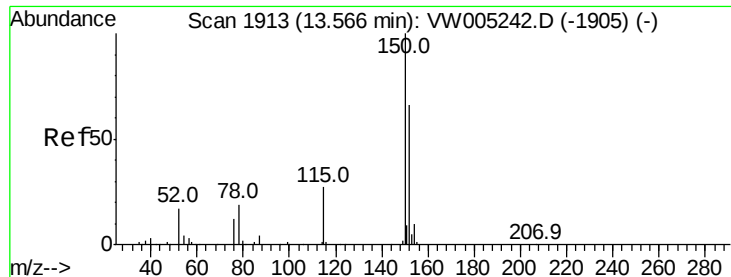
Tgt Ion:106 Resp: 683

Ion Ratio Lower Upper

106 100

91 316.7 104.1 312.3#



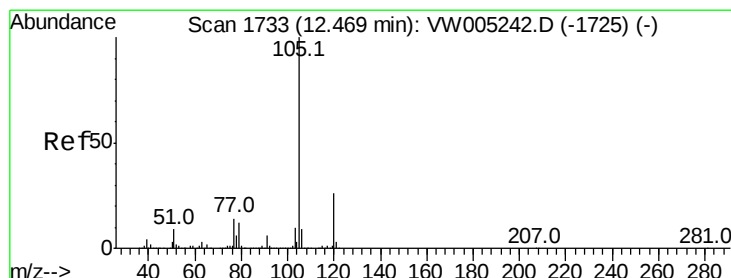
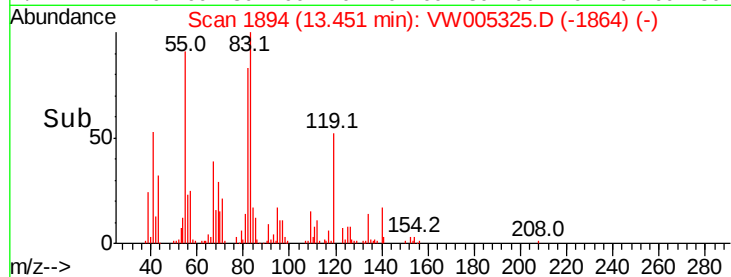
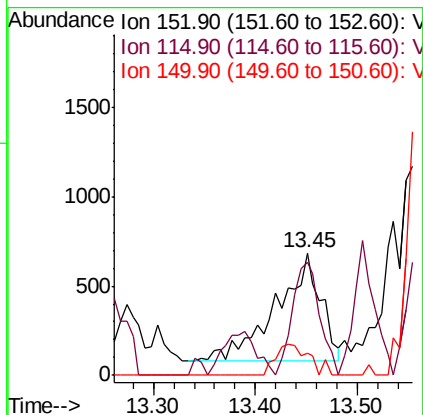
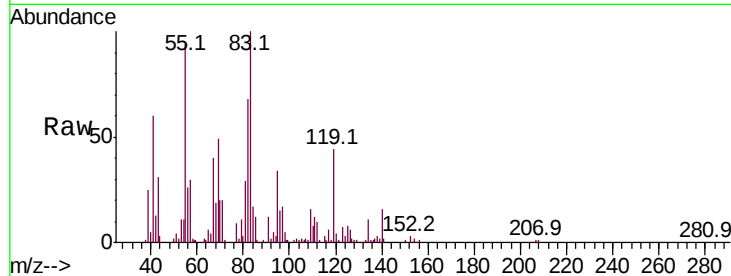


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.45 min Scan# 1894
Delta R.T. -0.12 min
Lab File: VW005325.D
Acq: 12 Sep 2018 15:06

Instrument :
MSVOA_W
ClientSampled :

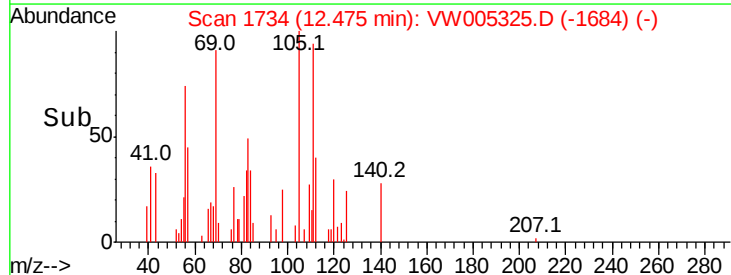
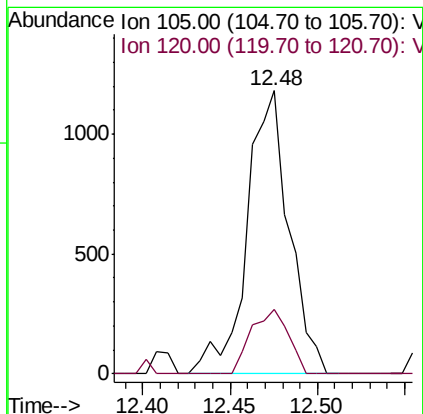
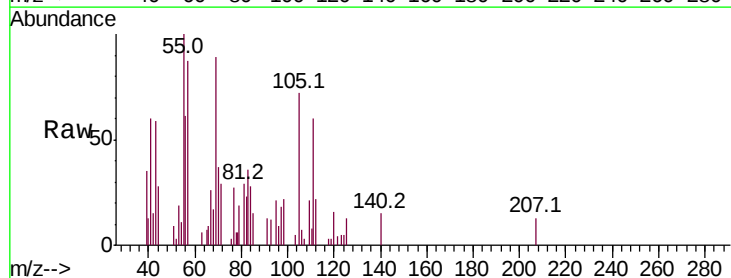
Tot Ion:152 Resp: 1824
Ion Ratio Lower Upper
152 100
115 65.1 27.5 82.4
150 22.1 0.0 347.4

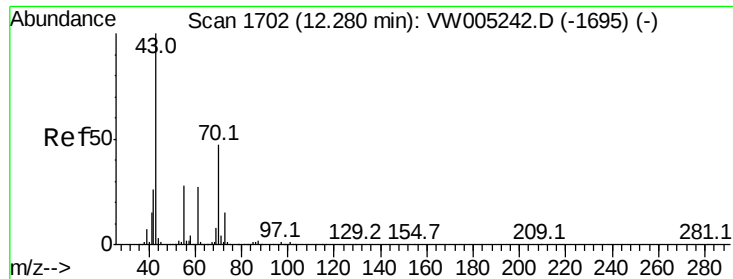


#73

Isopropylbenzene
Concen: 15.333 ug/l
RT: 12.48 min Scan# 1734
Delta R.T. 0.01 min
Lab File: VW005325.D
Acq: 12 Sep 2018 15:06

Tgt Ion:105 Resp: 1976
Ion Ratio Lower Upper
105 100
120 20.0 13.4 40.1

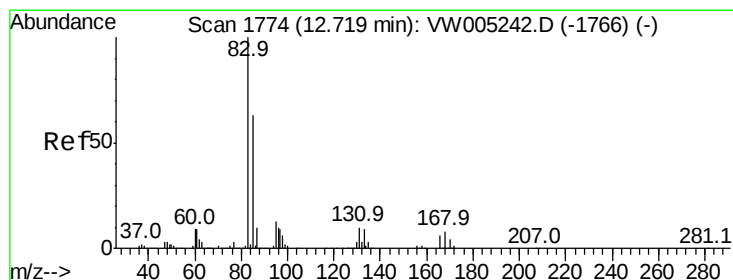
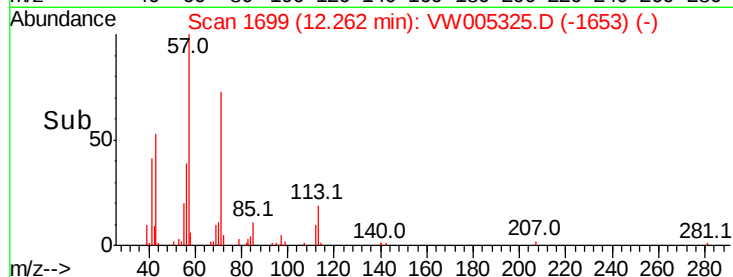
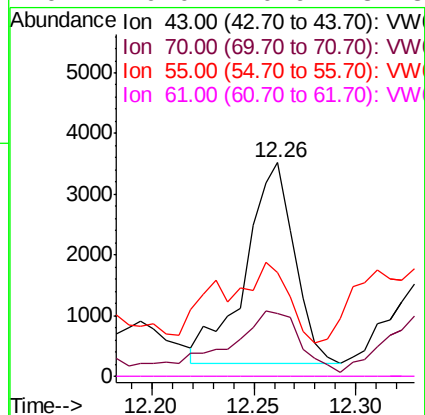
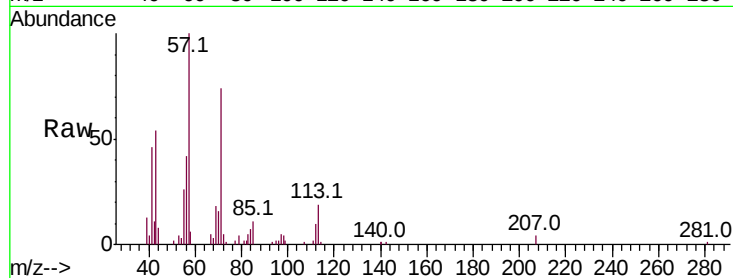




#74
N-amvl acetate
Concen: 226.387 ug/l
RT: 12.26 min Scan# 1699
Delta R.T. -0.02 min
Lab File: VW005325.D
Acq: 12 Sep 2018 15:06

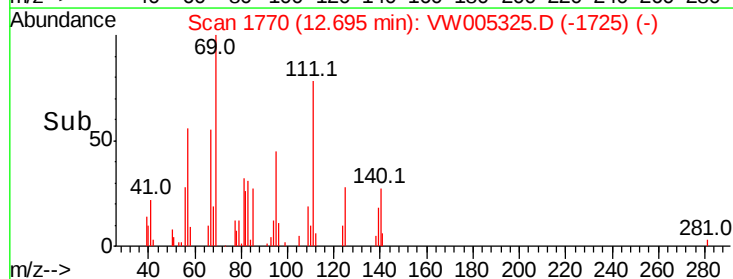
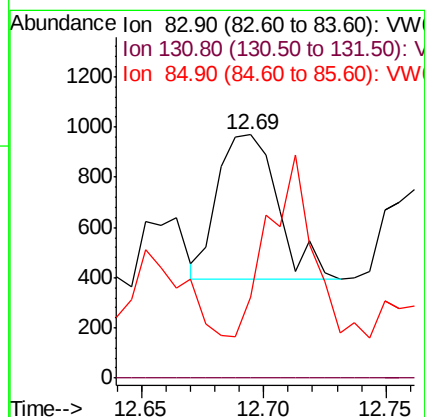
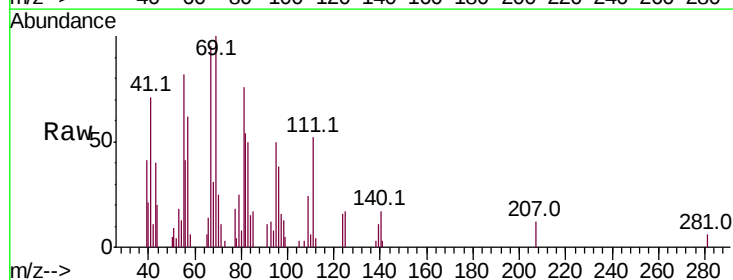
Instrument :
MSVOA_W
ClientSampled :

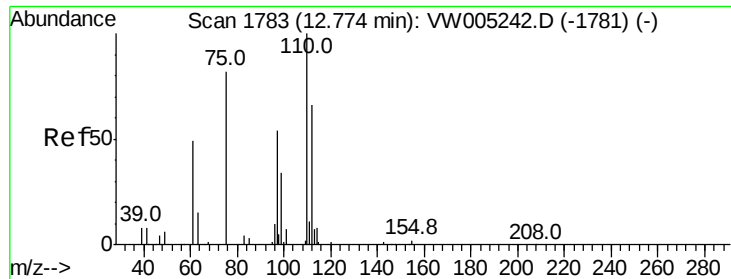
Tot Ion: 43 Resp: 5551
Ion Ratio Lower Upper
43 100
70 44.1 37.9 56.9
55 22.7 22.6 33.8
61 0.0 20.9 31.3#



#75
1,1,2,2-Tetrachloroethane
Concen: 50.753 ug/l
RT: 12.69 min Scan# 1770
Delta R.T. -0.02 min
Lab File: VW005325.D
Acq: 12 Sep 2018 15:06

Tgt Ion: 83 Resp: 983
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.4#
85 92.8 31.6 95.0





#76

1,2,3-Trichloropropane

Concen: 4.491 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005325.D

Acq: 12 Sep 2018 15:06

Instrument :

MSVOA_W

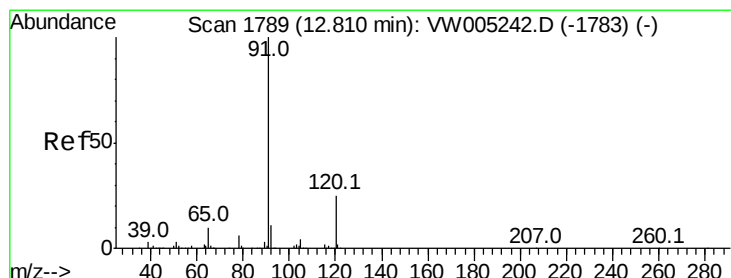
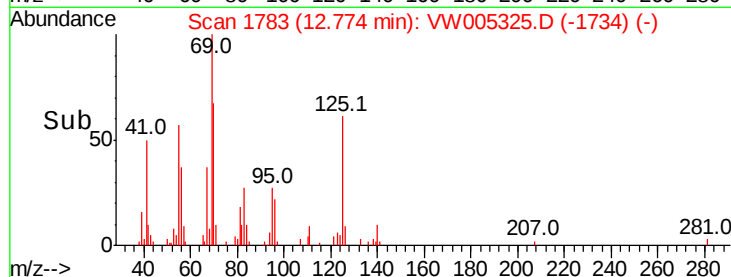
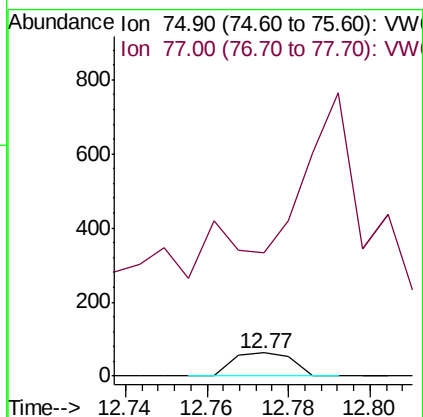
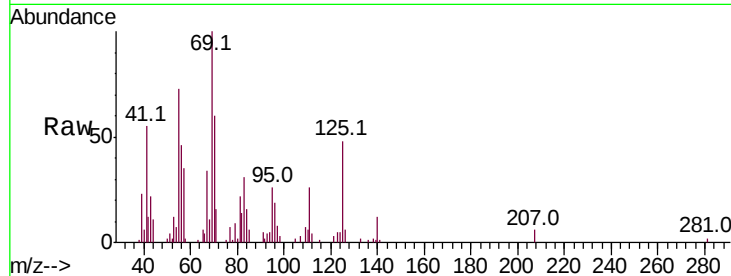
ClientSampled :

Tot Ion: 75 Resp: 63

Ion Ratio Lower Upper

75 100

77 2174.6 0.0 0.0#



#78

n-propylbenzene

Concen: 17.722 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005325.D

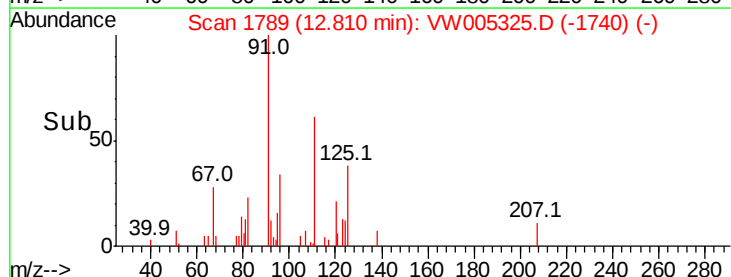
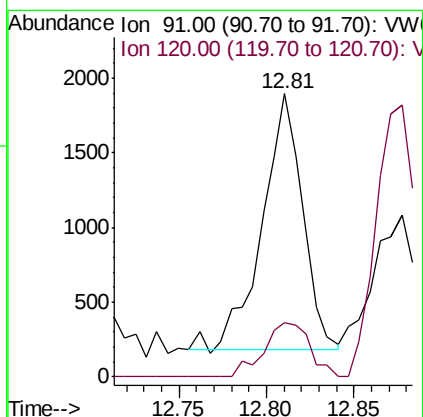
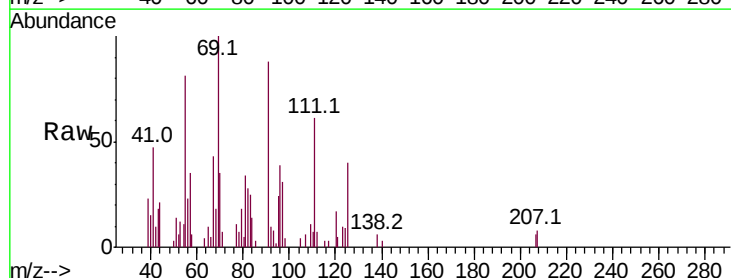
Acq: 12 Sep 2018 15:06

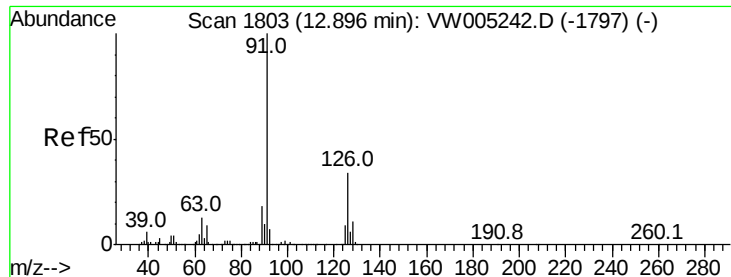
Tgt Ion: 91 Resp: 2743

Ion Ratio Lower Upper

91 100

120 24.1 12.0 36.0





#79

2-Chlorotoluene

Concen: 21.507 ug/l

RT: 13.10 min Scan# 1837

Delta R.T. 0.21 min

Lab File: VW005325.D

Acq: 12 Sep 2018 15:06

Instrument :

MSVOA_W

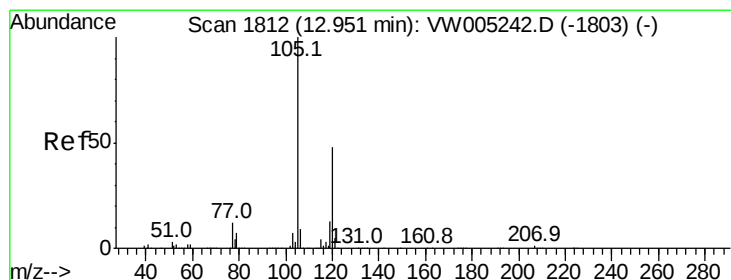
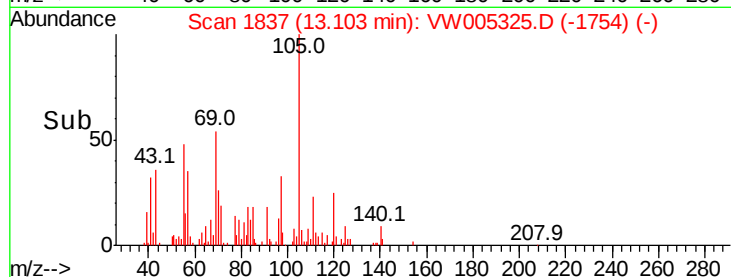
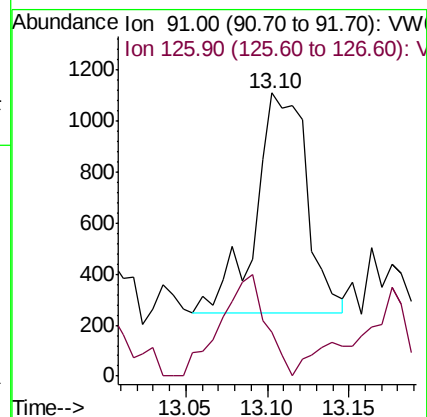
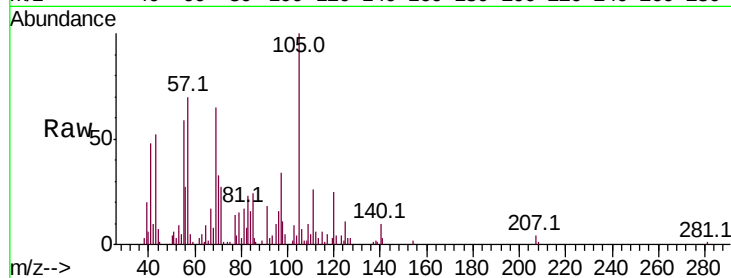
ClientSampled :

Tot Ion: 91 Resp: 1909

Ion Ratio Lower Upper

91 100

126 40.2 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 178.468 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005325.D

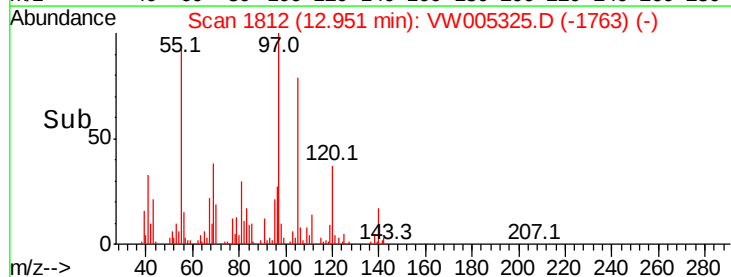
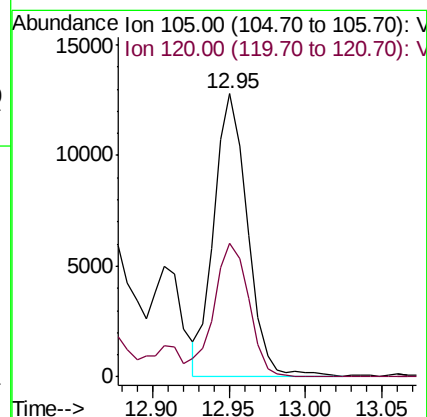
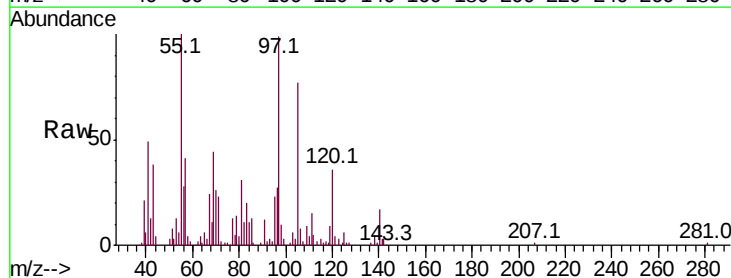
Acq: 12 Sep 2018 15:06

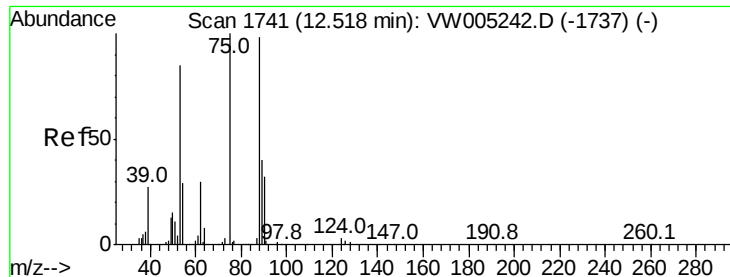
Tgt Ion:105 Resp: 19585

Ion Ratio Lower Upper

105 100

120 49.6 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 275.824 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005325.D

Acq: 12 Sep 2018 15:06

Instrument :

MSVOA_W

ClientSampled :

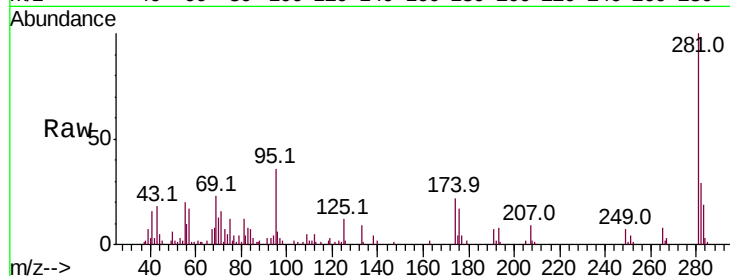
Tot Ion: 75 Resp: 1650

Ion Ratio Lower Upper

75 100

53 9.7 67.0 100.6#

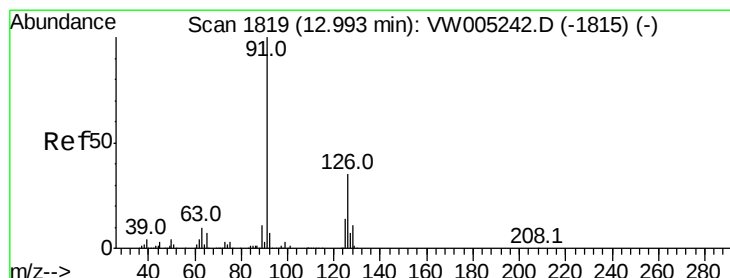
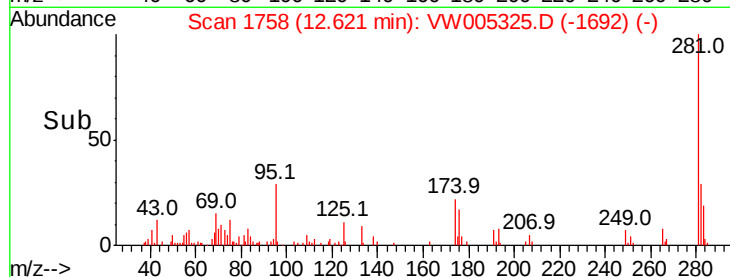
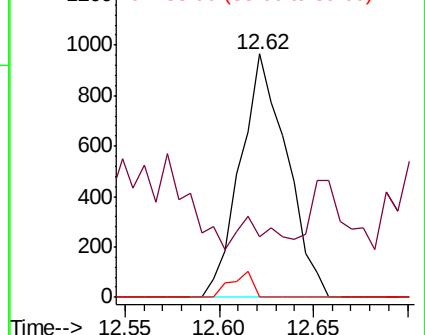
89 5.0 37.0 55.4#



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



#82

4-Chlorotoluene

Concen: 20.462 ug/l

RT: 13.10 min Scan# 1837

Delta R.T. 0.11 min

Lab File: VW005325.D

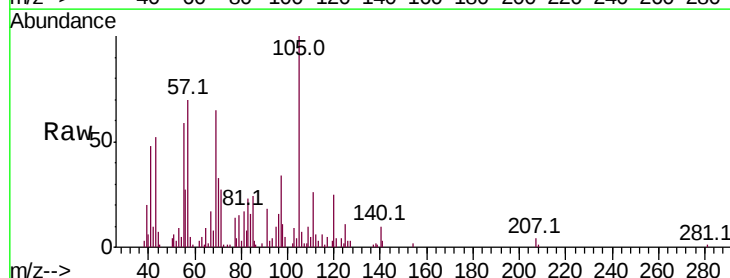
Acq: 12 Sep 2018 15:06

Tgt Ion: 91 Resp: 1909

Ion Ratio Lower Upper

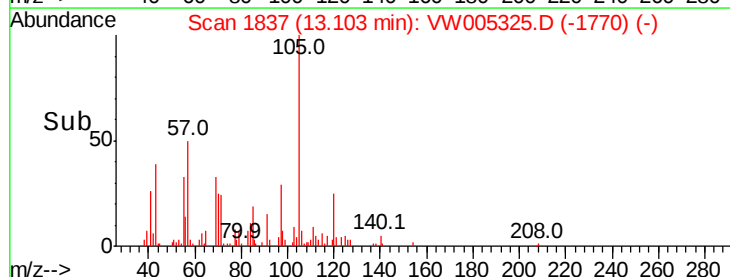
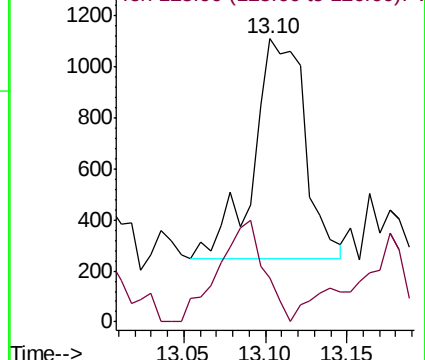
91 100

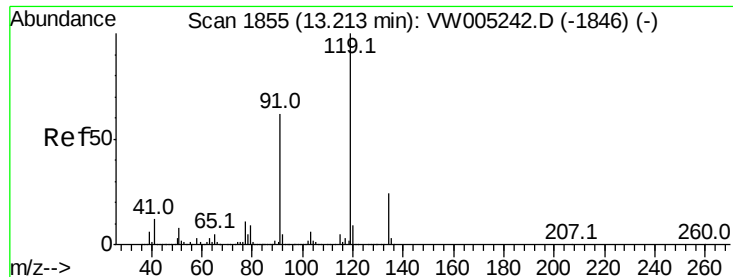
126 40.2 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 21.442 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005325.D

Acq: 12 Sep 2018 15:06

Instrument :

MSVOA_W

ClientSampleId :

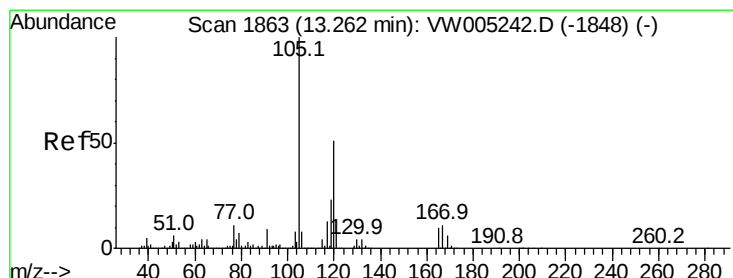
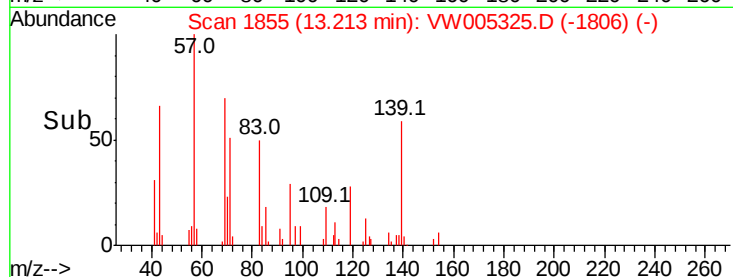
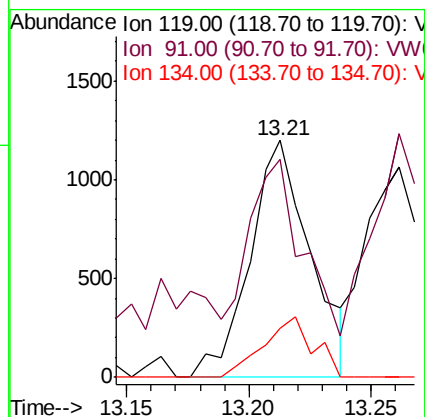
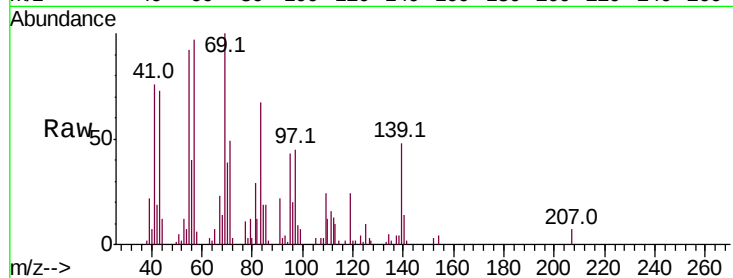
Tot Ion:119 Resp: 2058

Ion Ratio Lower Upper

119 100

91 62.7 31.7 95.1

134 21.1 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 123.635 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.01 min

Lab File: VW005325.D

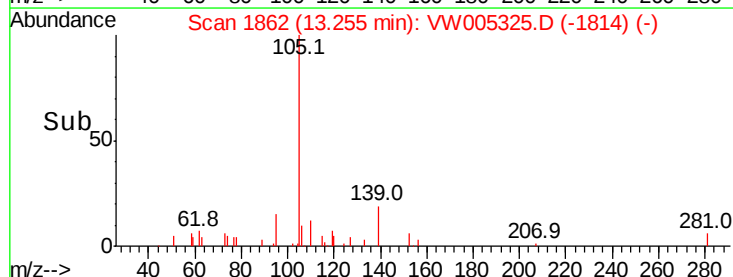
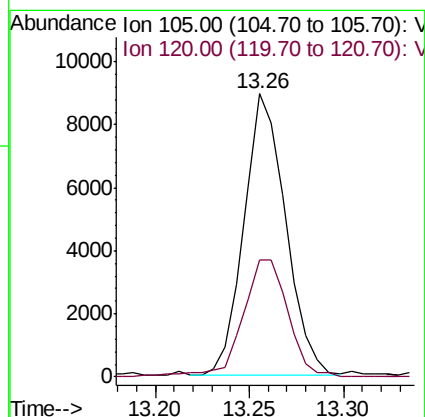
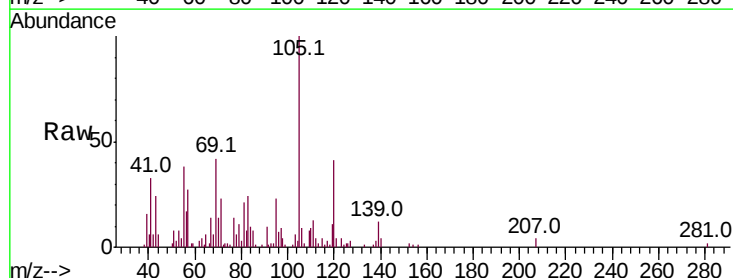
Acq: 12 Sep 2018 15:06

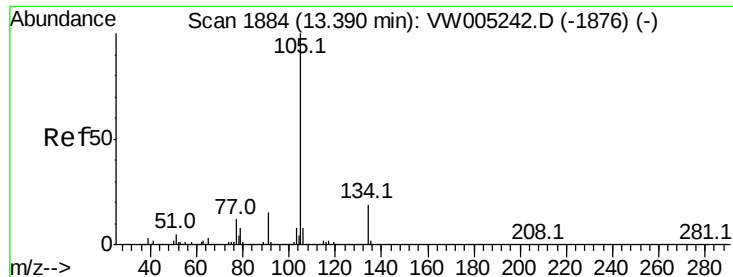
Tgt Ion:105 Resp: 13634

Ion Ratio Lower Upper

105 100

120 45.9 23.4 70.3





#85

sec-Butylbenzene

Concen: 50.089 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005325.D

Acq: 12 Sep 2018 15:06

Instrument :

MSVOA_W

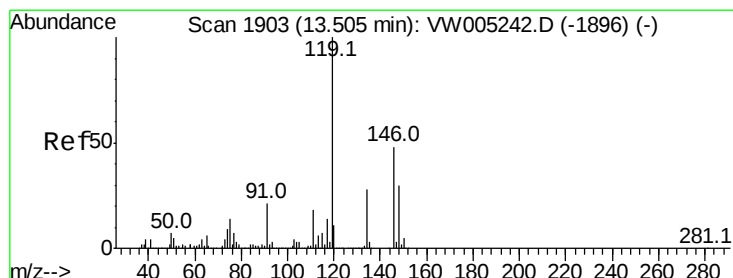
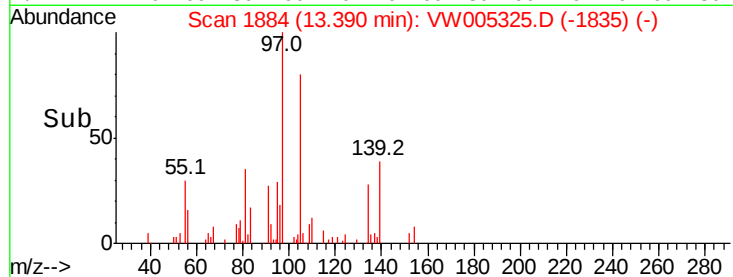
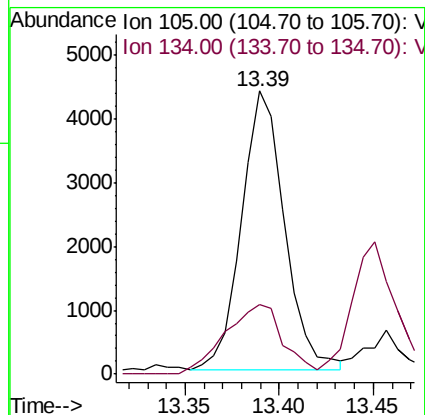
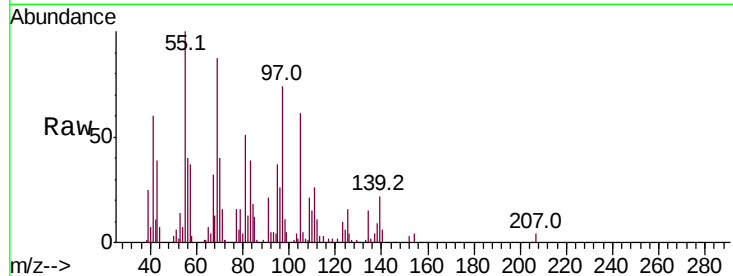
ClientSampleId :

Tot Ion:105 Resp: 6909

Ion Ratio Lower Upper

105 100

134 33.7 9.9 29.7#



#86

p-Isopropyltoluene

Concen: 82.682 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005325.D

Acq: 12 Sep 2018 15:06

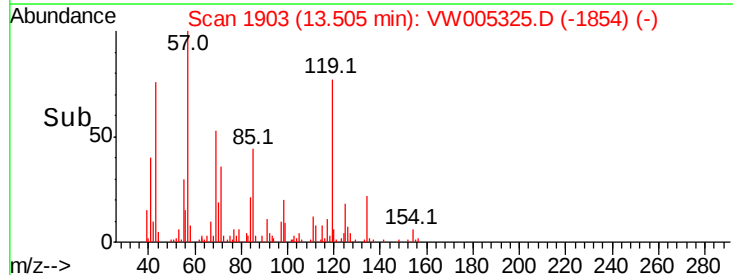
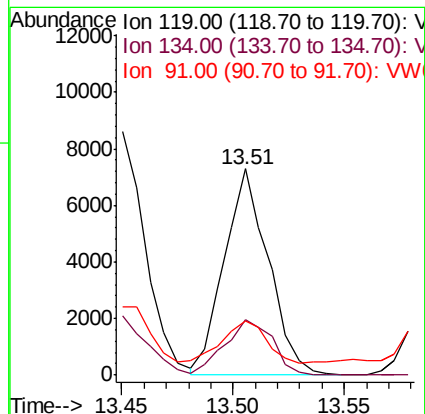
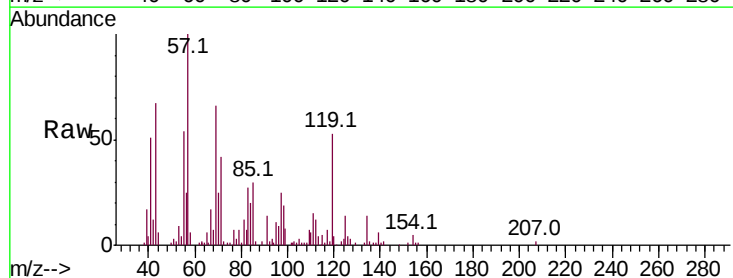
Tgt Ion:119 Resp: 10096

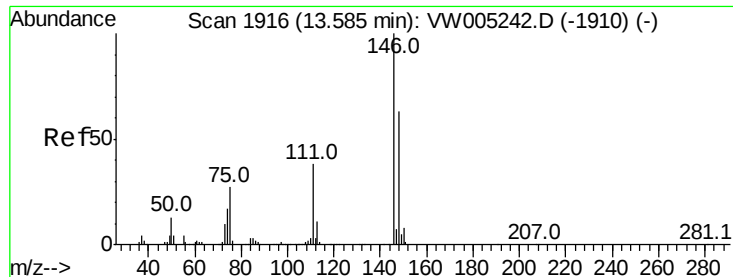
Ion Ratio Lower Upper

119 100

134 28.9 13.2 39.5

91 18.9 10.7 32.1





#88

1,4-Dichlorobenzene

Concen: 2.188 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.01 min

Lab File: VW005325.D

Acq: 12 Sep 2018 15:06

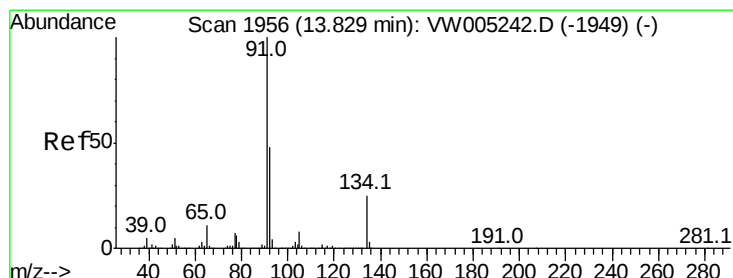
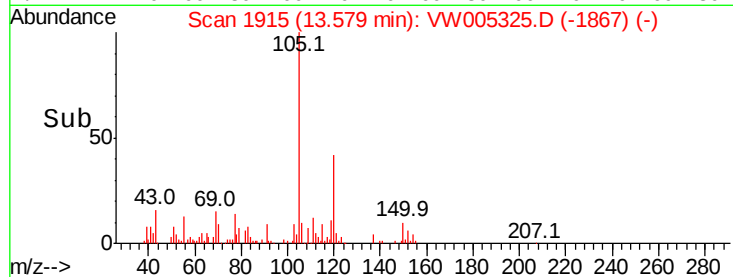
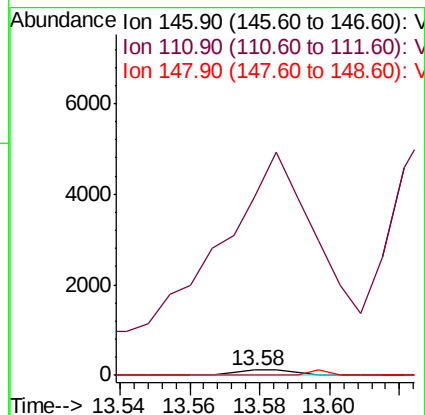
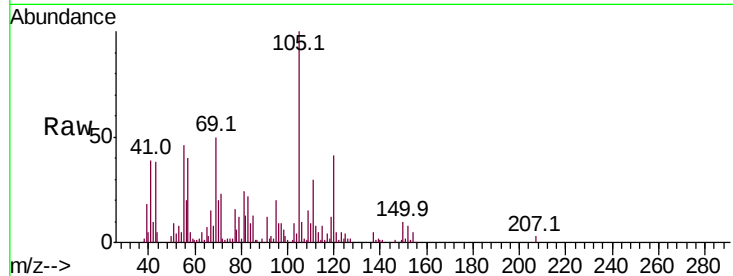
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:146 Resp: 137

Ion	Ratio	Lower	Upper
146	100		
111	5167.9	19.1	57.3#
148	32.1	32.3	96.9#



#89

n-Butylbenzene

Concen: 39.717 ug/l

RT: 13.80 min Scan# 1951

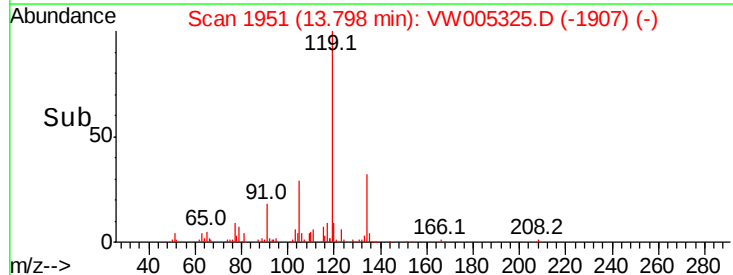
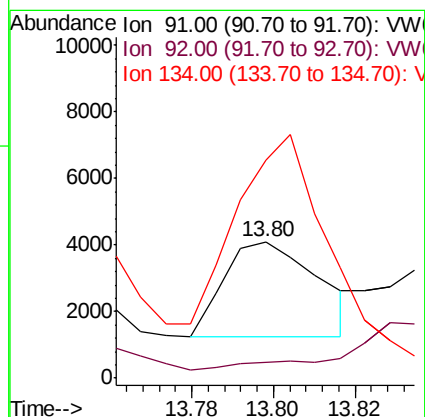
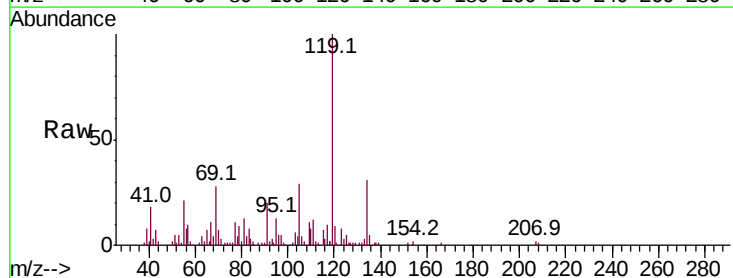
Delta R.T. -0.03 min

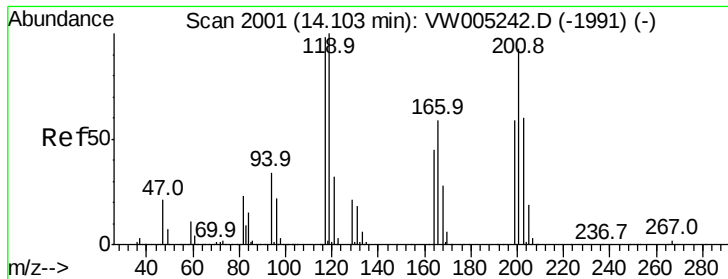
Lab File: VW005325.D

Acq: 12 Sep 2018 15:06

Tgt Ion: 91 Resp: 4559

Ion	Ratio	Lower	Upper
91	100		
92	0.0	25.8	77.3#
134	280.2	13.6	40.8#





#90

Hexachloroethane

Concen: 205.997 ug/l

RT: 14.11 min Scan# 2002

Delta R.T. 0.01 min

Lab File: VW005325.D

Acq: 12 Sep 2018 15:06

Instrument :

MSVOA_W

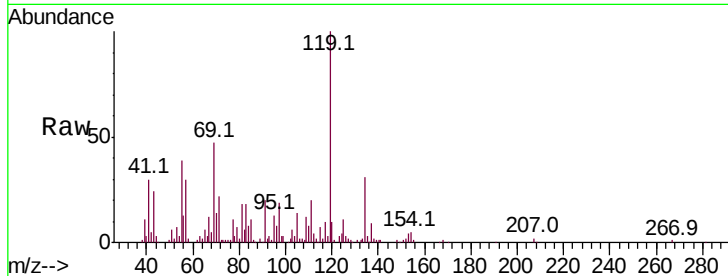
ClientSampleId :

Tot Ion:117 Resp: 4030

Ion Ratio Lower Upper

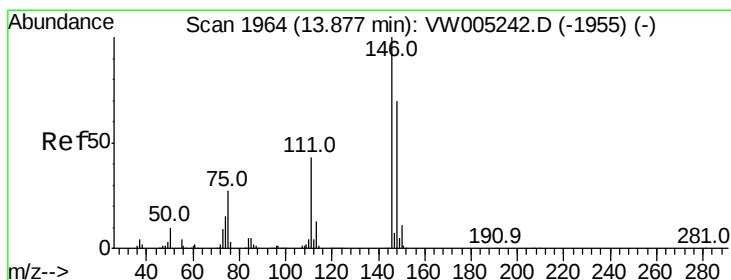
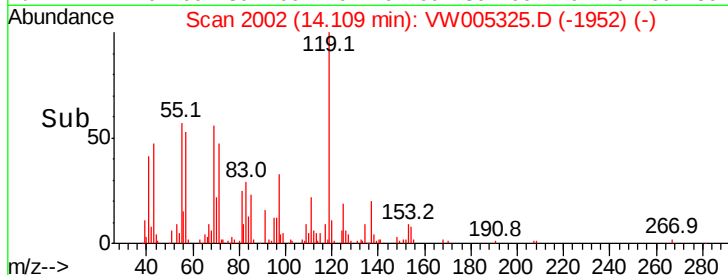
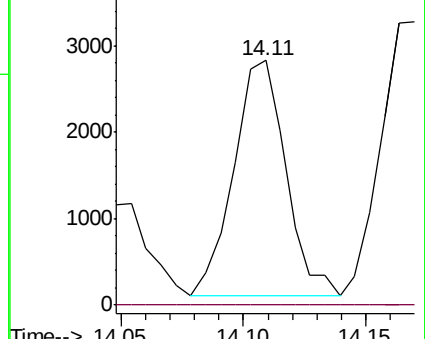
117 100

201 0.0 44.0 132.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 2.284 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW005325.D

Acq: 12 Sep 2018 15:06

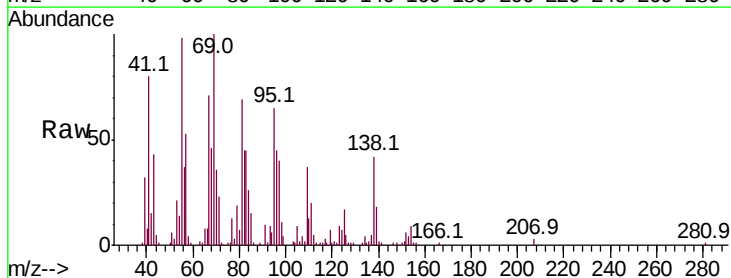
Tgt Ion:146 Resp: 128

Ion Ratio Lower Upper

146 100

111 0.0 20.5 61.5#

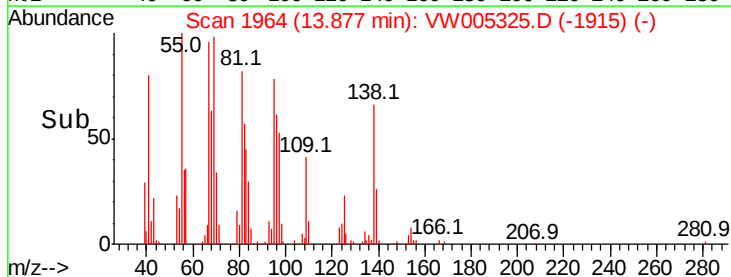
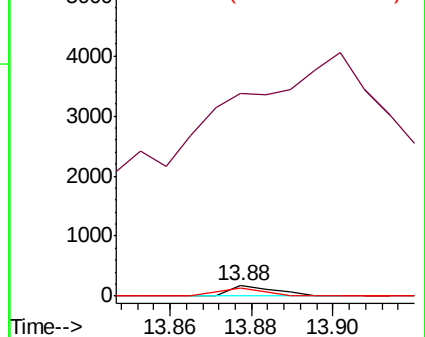
148 76.6 32.7 98.1

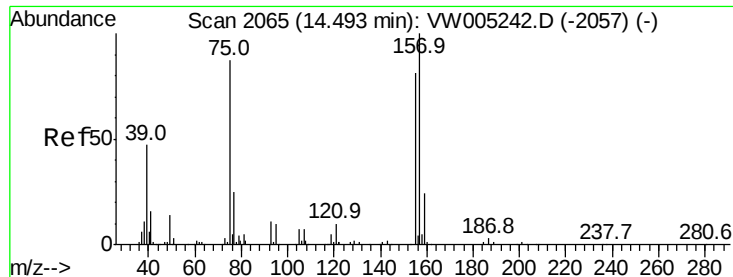


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 37.258 ug/l

RT: 14.51 min Scan# 2067

Delta R.T. 0.01 min

Lab File: VW005325.D

Acq: 12 Sep 2018 15:06

Instrument :

MSVOA_W

ClientSampleId :

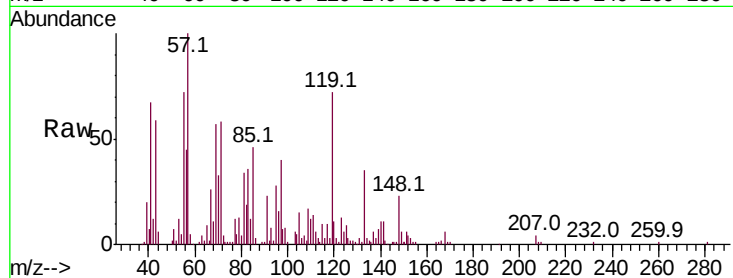
Tot Ion: 75 Resp: 120

Ion Ratio Lower Upper

75 100

155 71.7 47.4 142.2

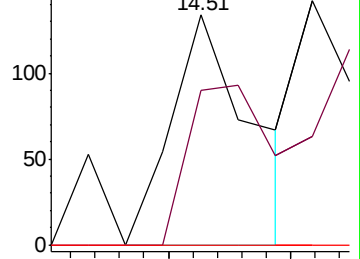
157 0.0 59.4 178.2#



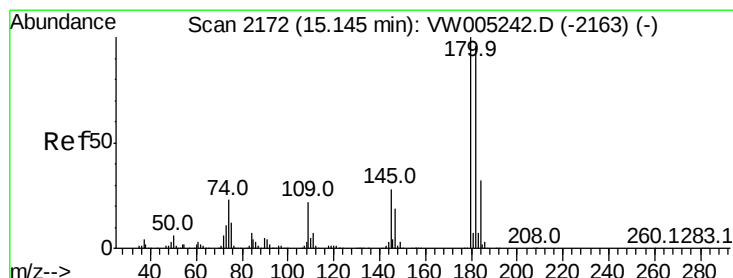
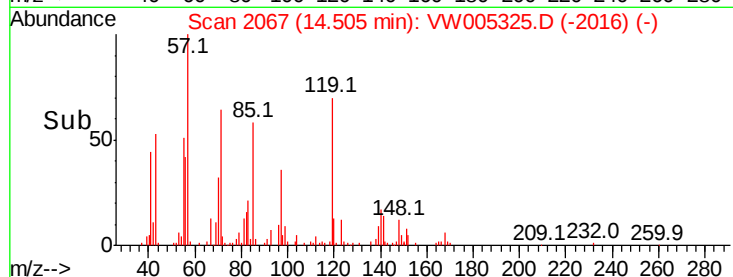
Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



Time-->



#93

1,2,4-Trichlorobenzene

Concen: 7.165 ug/l

RT: 15.16 min Scan# 2174

Delta R.T. 0.01 min

Lab File: VW005325.D

Acq: 12 Sep 2018 15:06

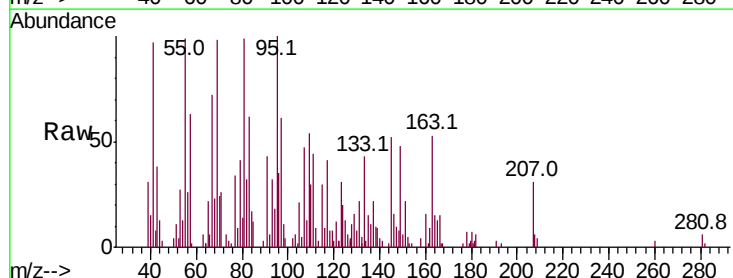
Tgt Ion: 180 Resp: 284

Ion Ratio Lower Upper

180 100

182 156.7 48.1 144.4#

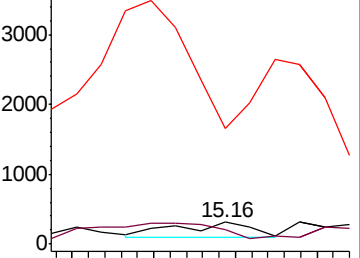
145 2972.9 14.5 43.6#



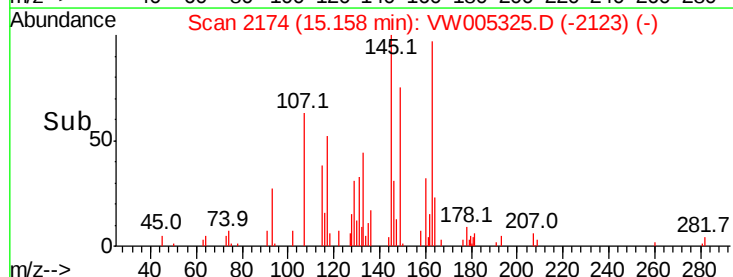
Abundance Ion 179.80 (179.50 to 180.50): V

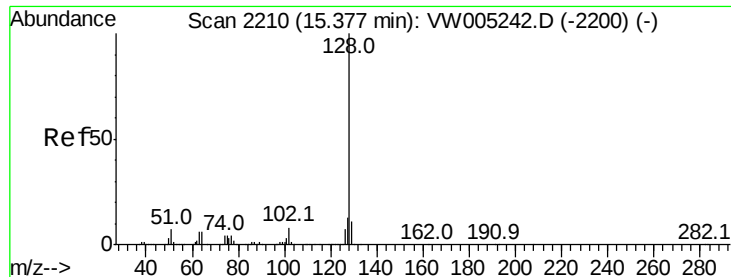
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



Time-->

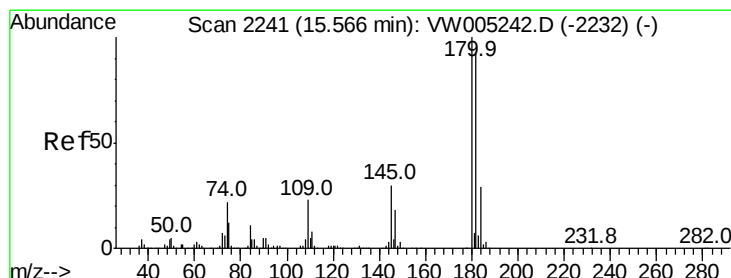
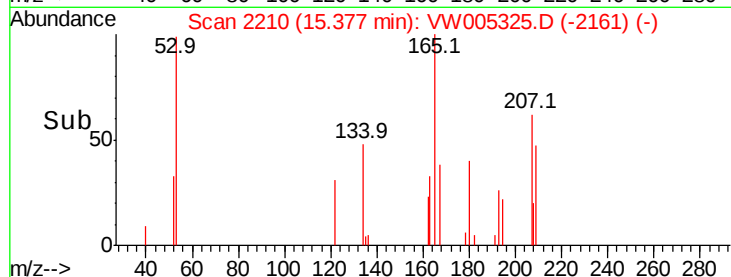
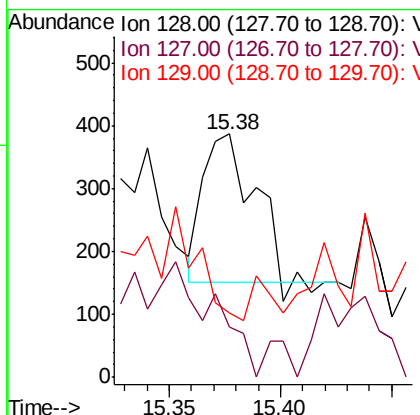
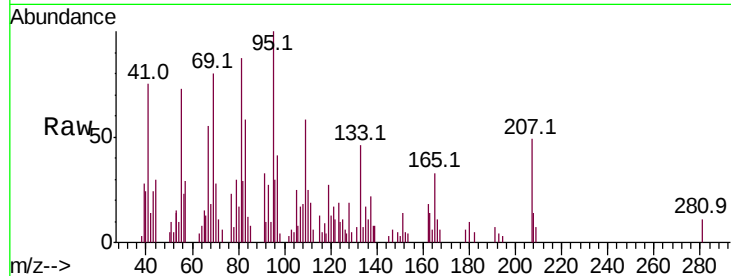




#95
Naphthalene
Concen: 5.820 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005325.D
Acq: 12 Sep 2018 15:06

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 374
Ion Ratio Lower Upper
128 100
127 11.2 10.3 15.5
129 0.0 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 9.118 ug/l
RT: 15.59 min Scan# 2245
Delta R.T. 0.02 min
Lab File: VW005325.D
Acq: 12 Sep 2018 15:06

Tgt Ion:180 Resp: 311
Ion Ratio Lower Upper
180 100
182 48.9 47.2 141.6
145 0.0 15.2 45.6#

