

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091118\
 Data File : VW005273.D
 Acq On : 11 Sep 2018 14:11
 Operator : SY/AP
 Sample : J4803-17RE
 Misc : 6.02G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 11 15:20:56 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	512886	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	779270	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	756522	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	373722	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	192988	50.45	ug/l	0.00
Spiked Amount			Recovery	=	100.90%	
35) Dibromofluoromethane	7.89	113	144232	35.33	ug/l	0.00
Spiked Amount			Recovery	=	70.66%	
50) Toluene-d8	10.33	98	804335	38.99	ug/l	0.00
Spiked Amount			Recovery	=	77.98%	
62) 4-Bromofluorobenzene	12.63	95	279194	37.00	ug/l	0.00
Spiked Amount			Recovery	=	74.00%	

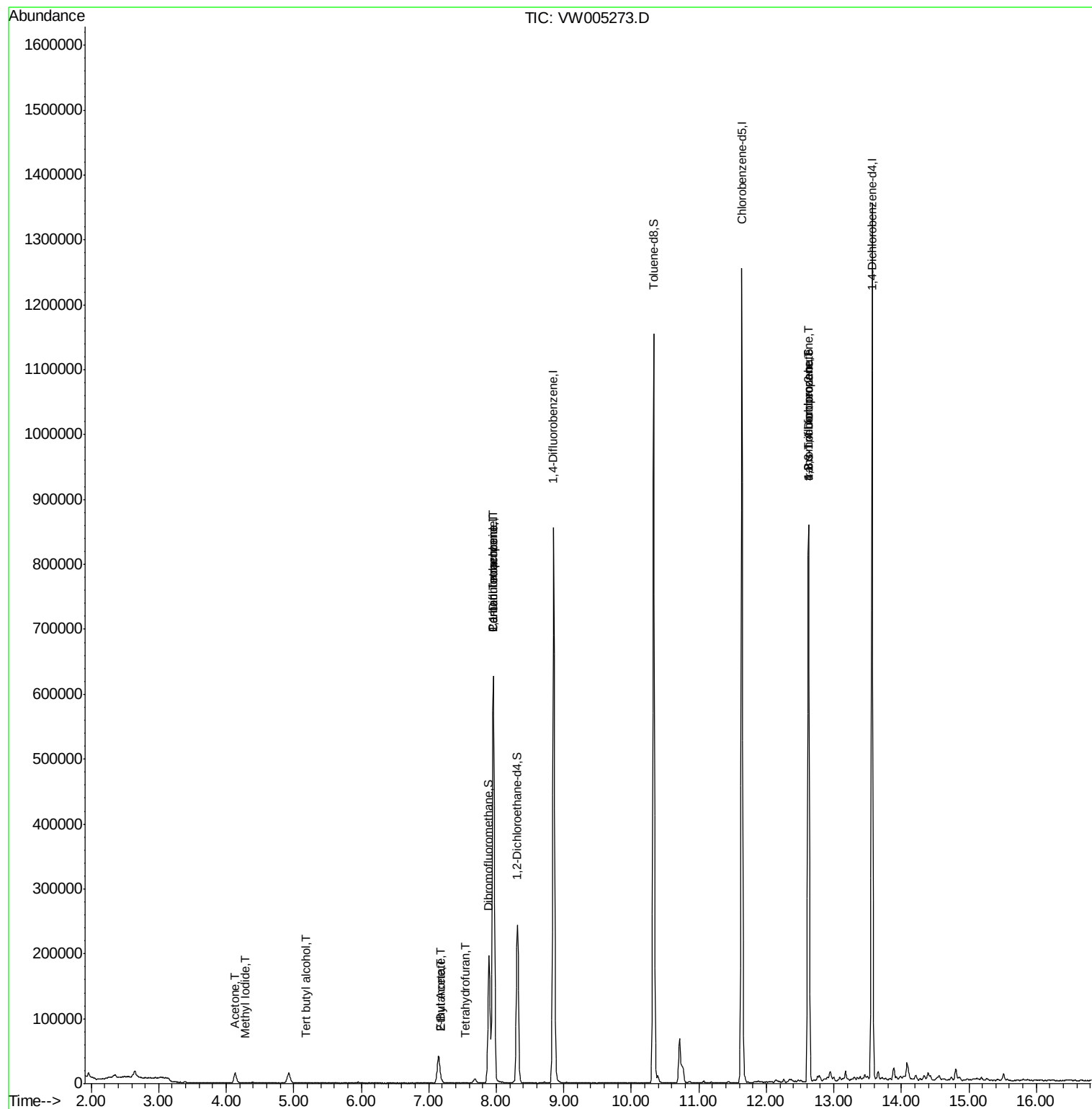
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.76	94	375	Below Cal	#	3
10) Methyl Iodide	4.28	142	161	3.354	ug/l #	45
11) Tert butyl alcohol	5.18	59	1267	4.039	ug/l #	73
16) Acetone	4.13	43	27736	39.062	ug/l	91
20) Methylene Chloride	4.93	84	13627	Below Cal		90
25) 2-Butanone	7.18	43	5417	4.837	ug/l #	80
29) Tetrahydrofuran	7.54	42	932	1.235	ug/l #	74
36) 1,1-Dichloropropene	7.96	75	33341	4.670	ug/l #	48
37) Ethyl Acetate	7.18	43	5417	1.995	ug/l #	66
38) Carbon Tetrachloride	7.96	117	45205	6.759	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	128394	44.667	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	128394	104.754	ug/l #	16

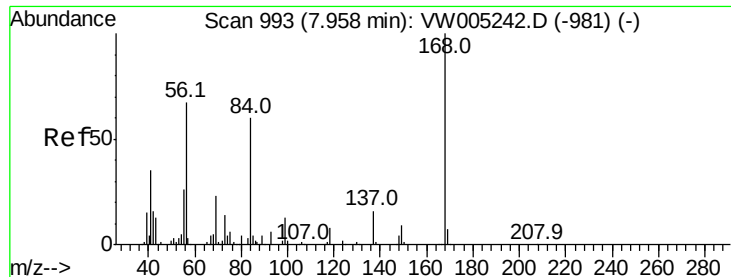
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091118\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
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QLast Update : Tue Sep 11 03:48:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005273.D

Acq: 11 Sep 2018 14:11

Instrument :

MSVOA_W

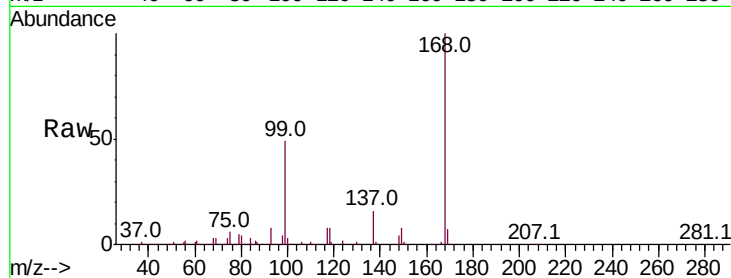
ClientSampleId :

Tot Ion:168 Resp: 512886

Ion Ratio Lower Upper

168 100

99 49.3 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

250000

200000

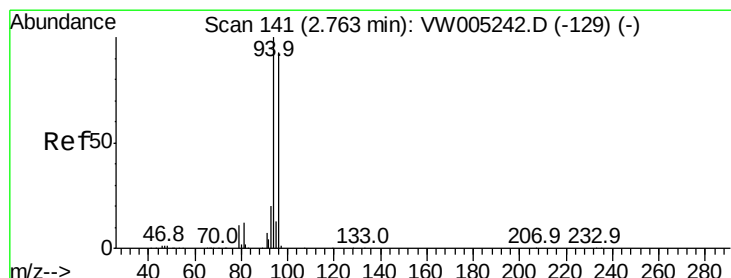
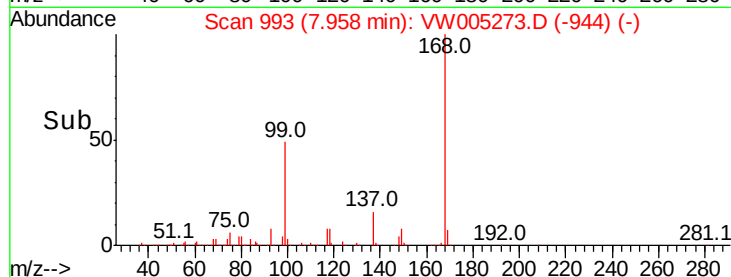
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.76 min Scan# 141

Delta R.T. 0.00 min

Lab File: VW005273.D

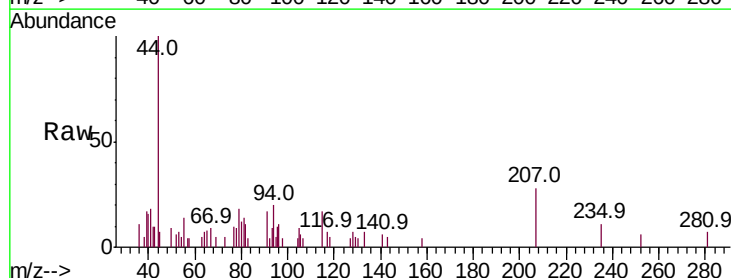
Acq: 11 Sep 2018 14:11

Tgt Ion: 94 Resp: 375

Ion Ratio Lower Upper

94 100

96 0.0 74.1 111.1#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.76

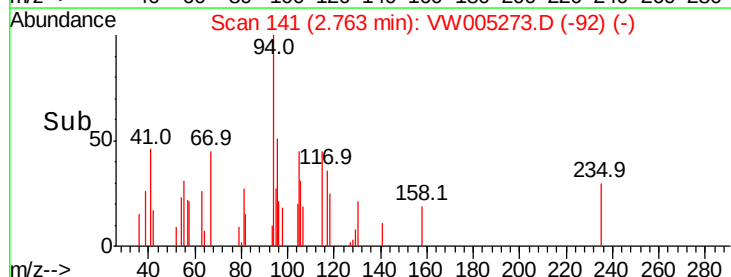
300

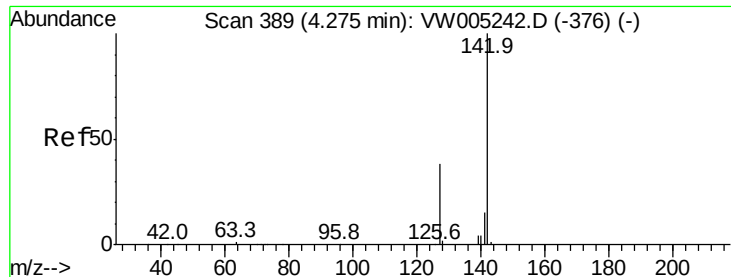
200

100

0

Time-->





#10

Methyl Iodide

Concen: 3.354 ug/l

RT: 4.28 min Scan# 390

Delta R.T. 0.01 min

Lab File: VW005273.D

Acq: 11 Sep 2018 14:11

Instrument :

MSVOA_W

ClientSampleId :

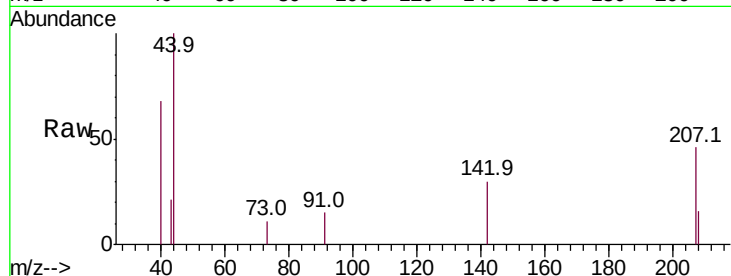
Tot Ion:142 Resp: 161

Ion Ratio Lower Upper

142 100

127 0.0 30.3 45.5#

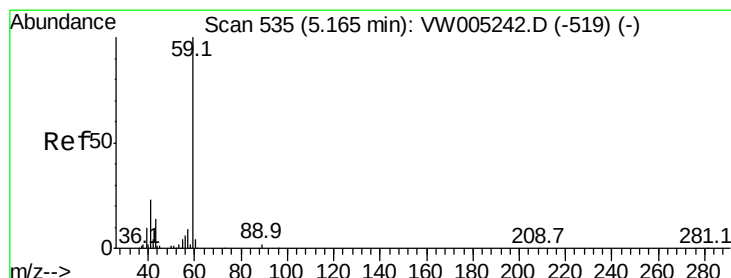
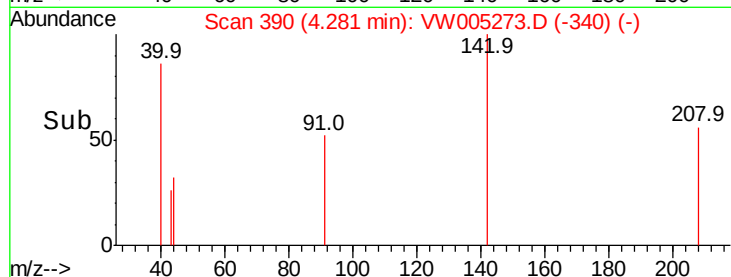
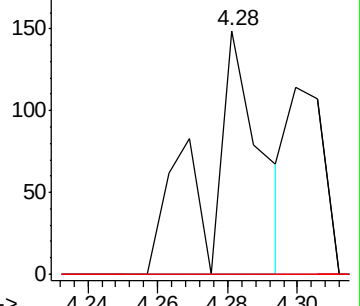
141 0.0 11.4 17.0#



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



#11

Tert butyl alcohol

Concen: 4.039 ug/l

RT: 5.18 min Scan# 537

Delta R.T. 0.01 min

Lab File: VW005273.D

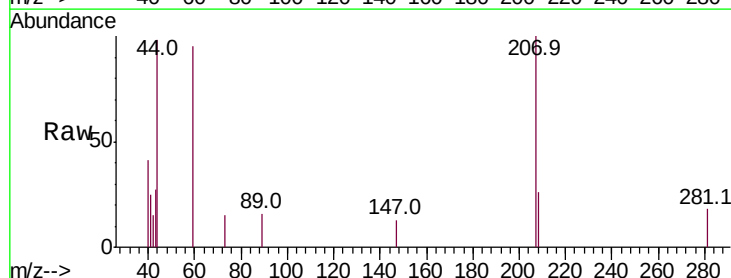
Acq: 11 Sep 2018 14:11

Tgt Ion: 59 Resp: 1267

Ion Ratio Lower Upper

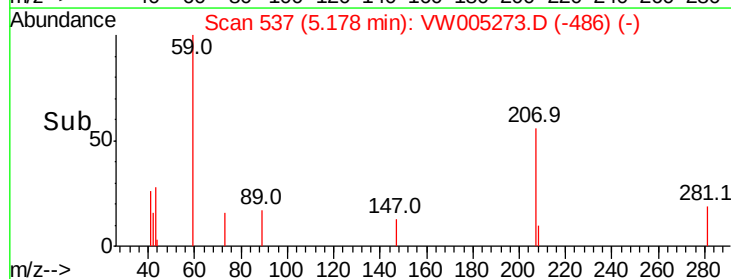
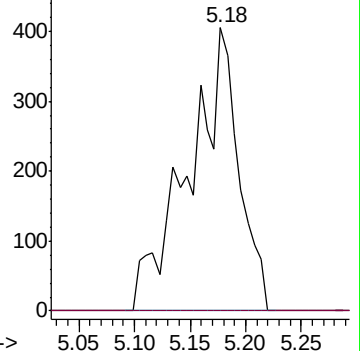
59 100

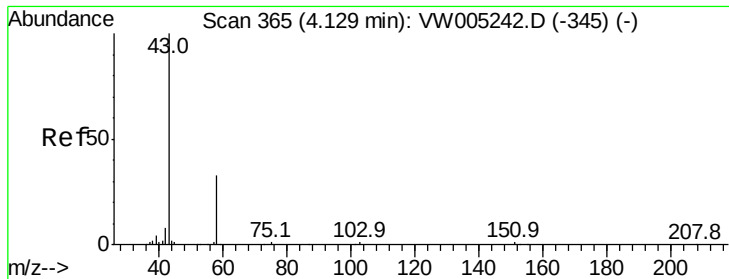
57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

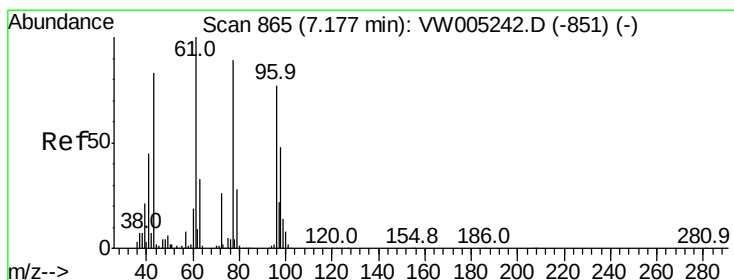
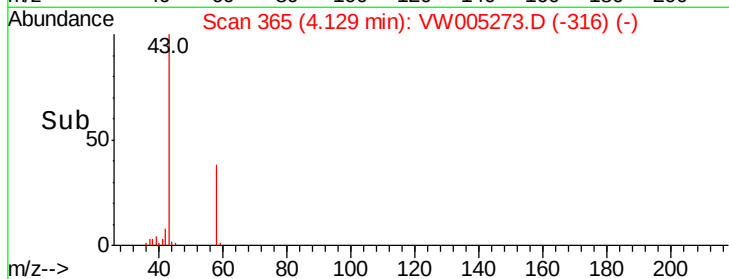
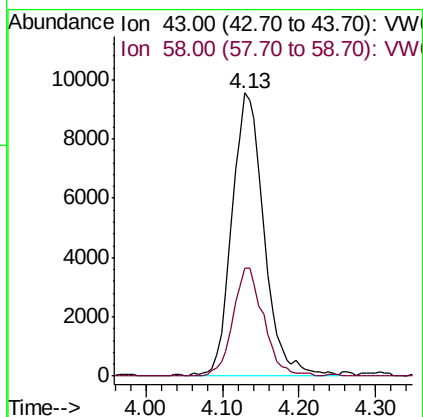
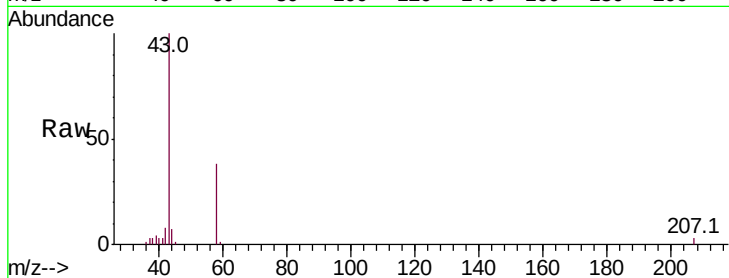




#16
Acetone
Concen: 39.062 ug/l
RT: 4.13 min Scan# 365
Delta R.T. -0.00 min
Lab File: VW005273.D
Acq: 11 Sep 2018 14:11

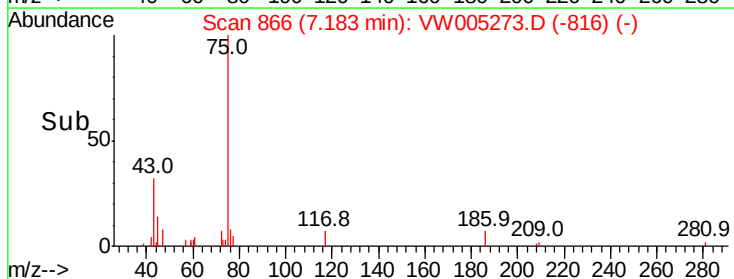
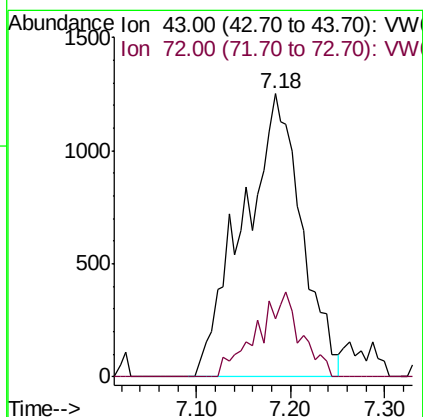
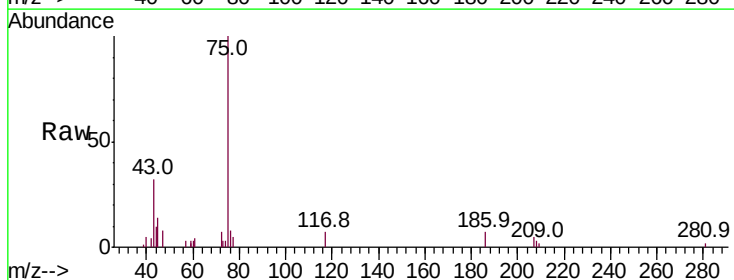
Instrument :
MSVOA_W
ClientSampled :

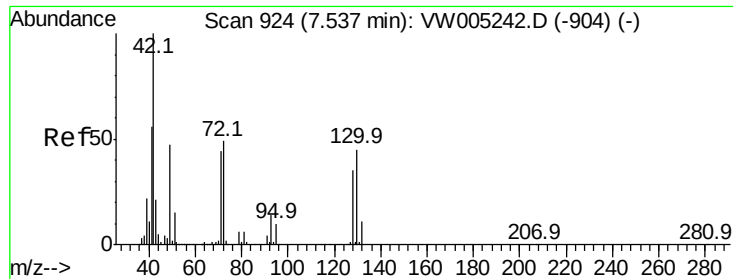
Tot Ion: 43 Resp: 27736
Ion Ratio Lower Upper
43 100
58 38.4 26.7 40.1



#25
2-Butanone
Concen: 4.837 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW005273.D
Acq: 11 Sep 2018 14:11

Tgt Ion: 43 Resp: 5417
Ion Ratio Lower Upper
43 100
72 20.5 25.0 37.6#

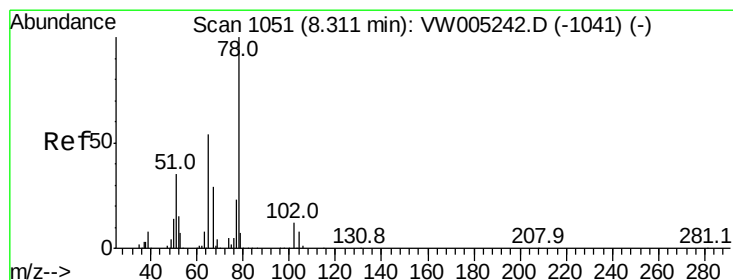
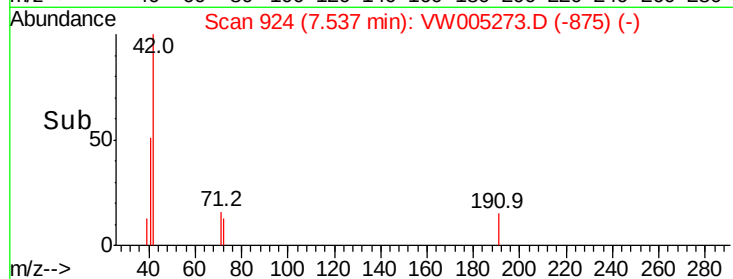
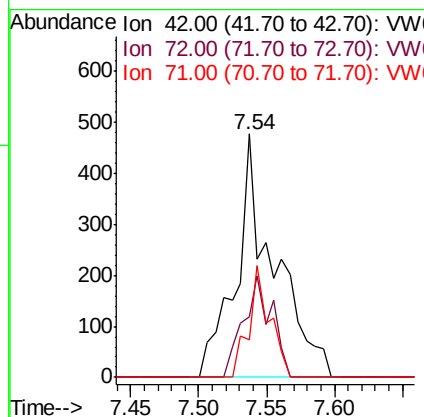
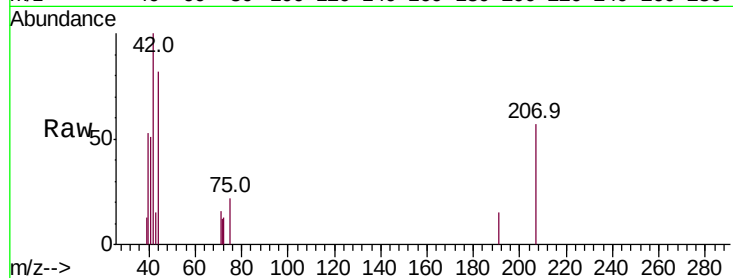




#29
Tetrahydrofuran
Concen: 1.235 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005273.D
Acq: 11 Sep 2018 14:11

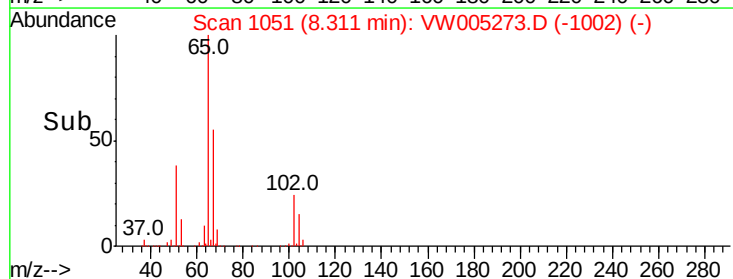
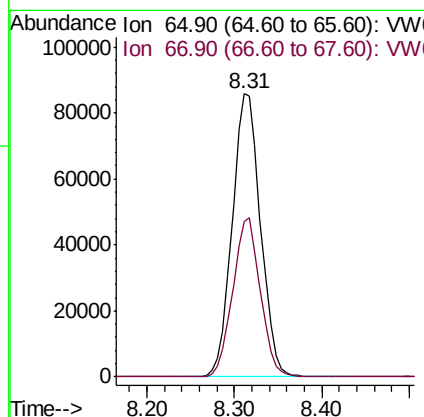
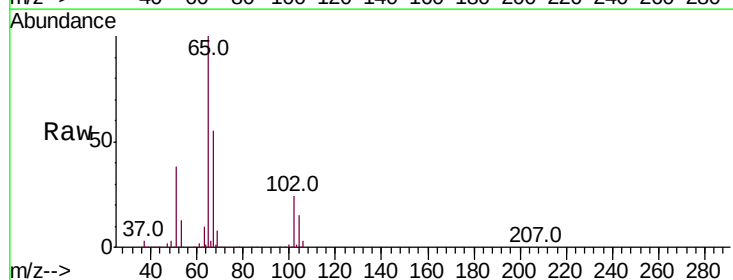
Instrument :
MSVOA_W
ClientSampled :

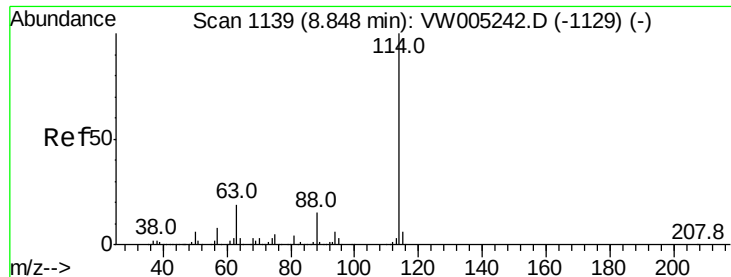
Tot Ion: 42 Resp: 932
Ion Ratio Lower Upper
42 100
72 31.3 37.5 56.3#
71 25.5 34.8 52.2#



#33
1,2-Dichloroethane-d4
Concen: 50.449 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW005273.D
Acq: 11 Sep 2018 14:11

Tgt Ion: 65 Resp: 192988
Ion Ratio Lower Upper
65 100
67 54.6 0.0 112.2

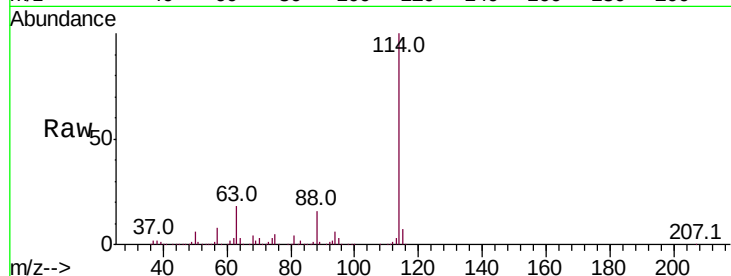




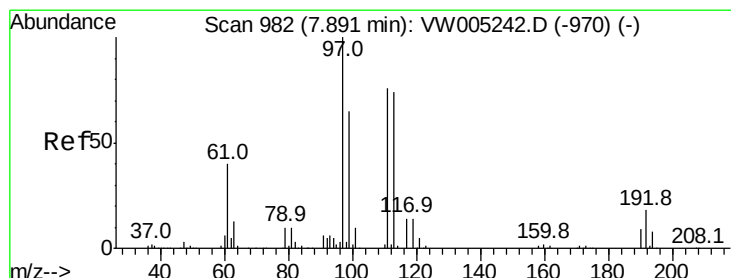
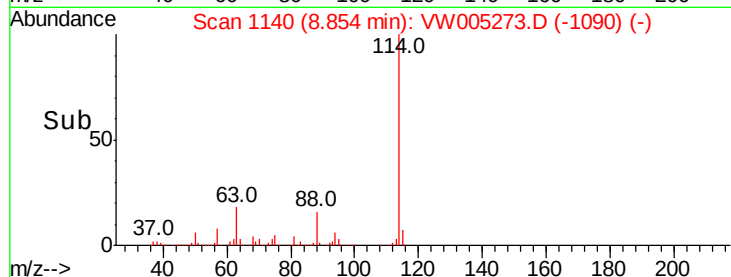
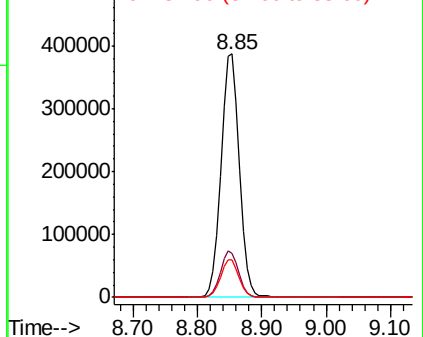
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: VW005273.D
 Acq: 11 Sep 2018 14:11

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:114 Resp: 779270
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 37.0
 88 15.6 0.0 30.4

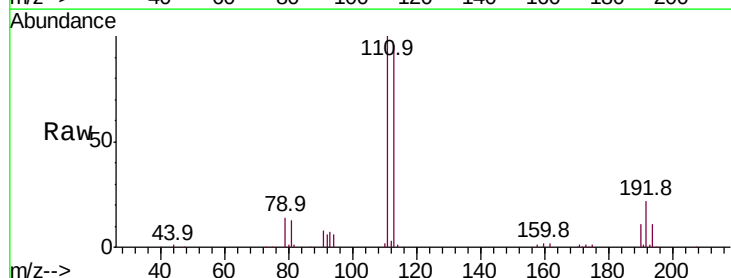


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

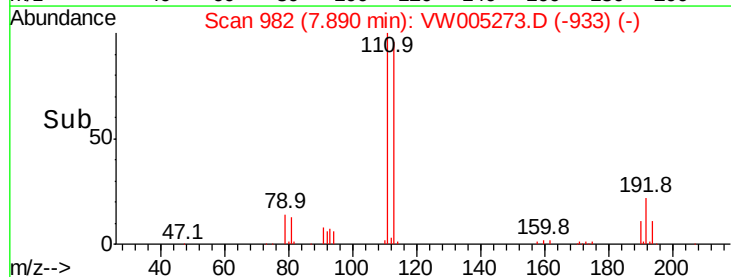
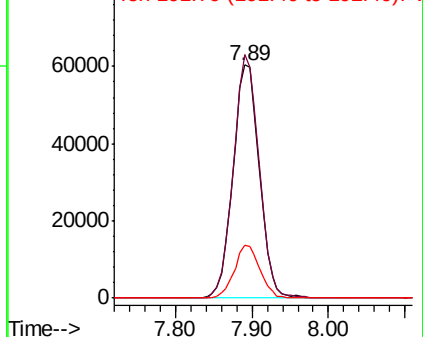


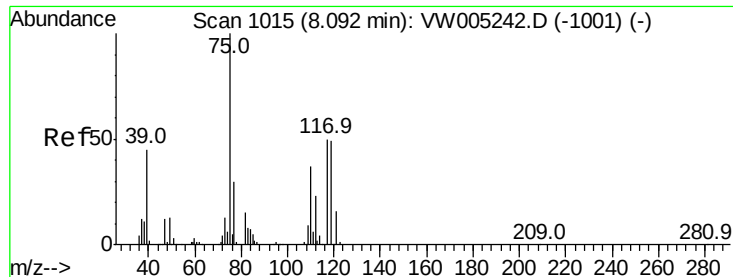
#35
 Dibromofluoromethane
 Concen: 35.333 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005273.D
 Acq: 11 Sep 2018 14:11

Tgt Ion:113 Resp: 144232
 Ion Ratio Lower Upper
 113 100
 111 101.6 80.6 121.0
 192 22.1 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

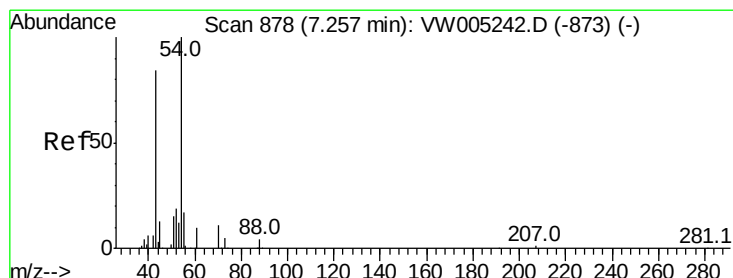
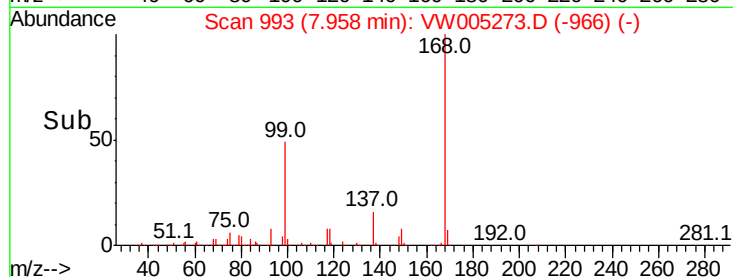
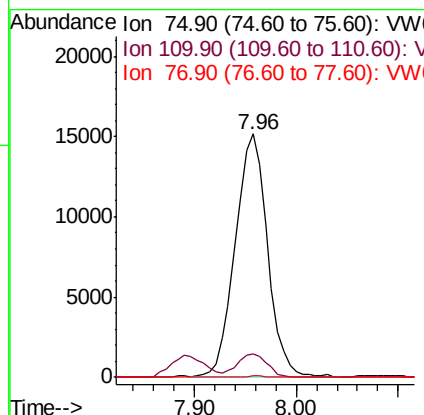
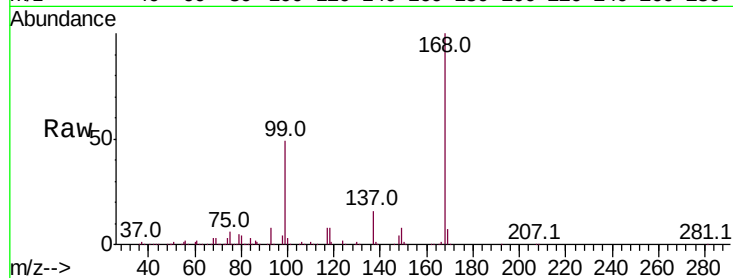




#36
 1,1-Dichloropropene
 Concen: 4.670 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VW005273.D
 Acq: 11 Sep 2018 14:11

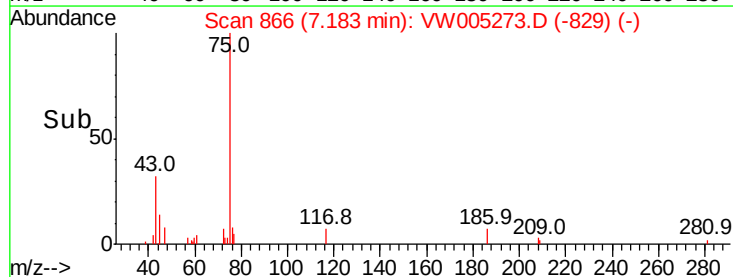
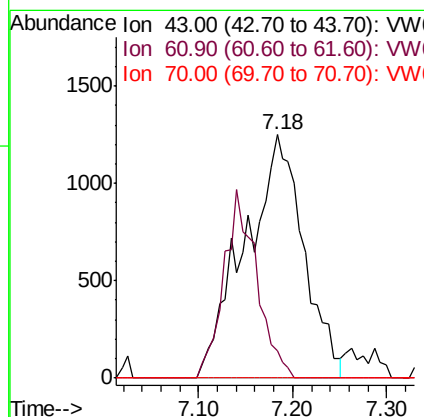
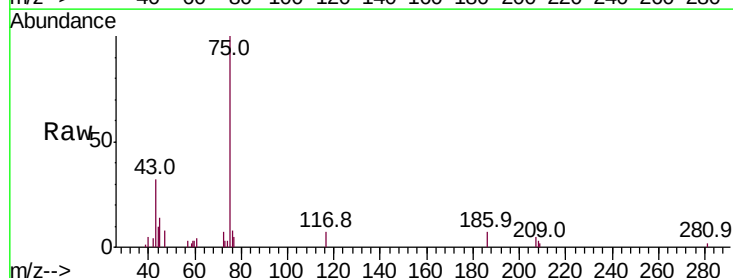
Instrument :
 MSVOA_W
 ClientSampleId :

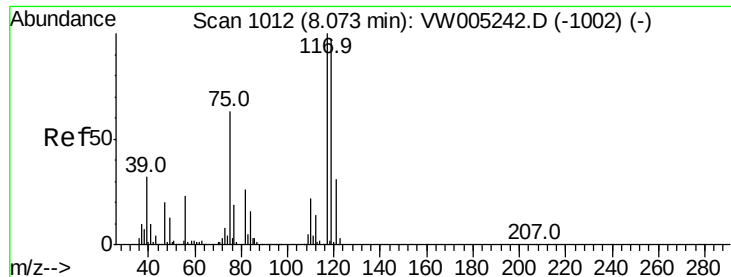
Tot Ion: 75 Resp: 33341
 Ion Ratio Lower Upper
 75 100
 110 9.0 18.8 56.4#
 77 0.2 24.9 37.3#



#37
 Ethyl Acetate
 Concen: 1.995 ug/l
 RT: 7.18 min Scan# 866
 Delta R.T. -0.07 min
 Lab File: VW005273.D
 Acq: 11 Sep 2018 14:11

Tgt Ion: 43 Resp: 5417
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.3 18.5#
 70 0.0 9.5 14.3#





#38

Carbon Tetrachloride

Concen: 6.759 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.12 min

Lab File: VW005273.D

Acq: 11 Sep 2018 14:11

Instrument :
MSVOA_W
ClientSampleId :

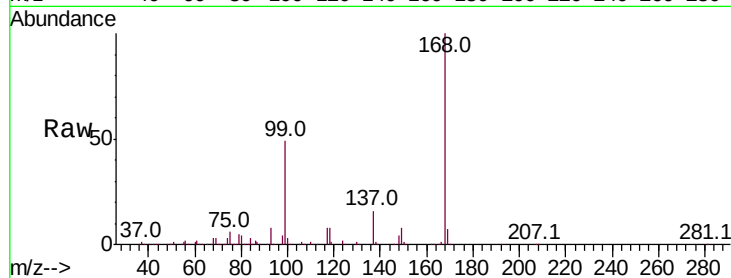
Tot Ion:117 Resp: 45205

Ion Ratio Lower Upper

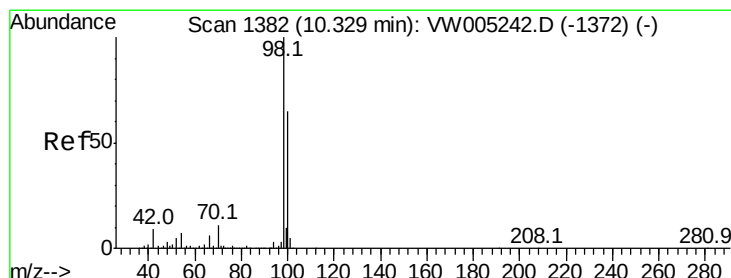
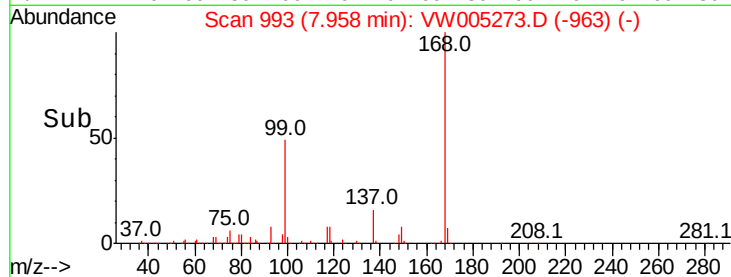
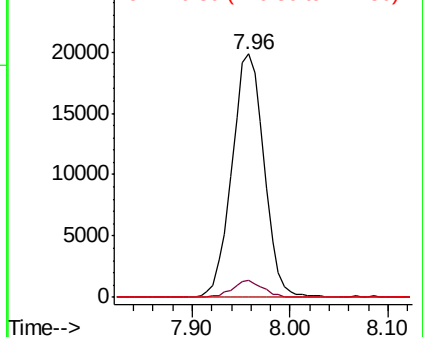
117 100

119 7.2 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



#50

Toluene-d8

Concen: 38.993 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005273.D

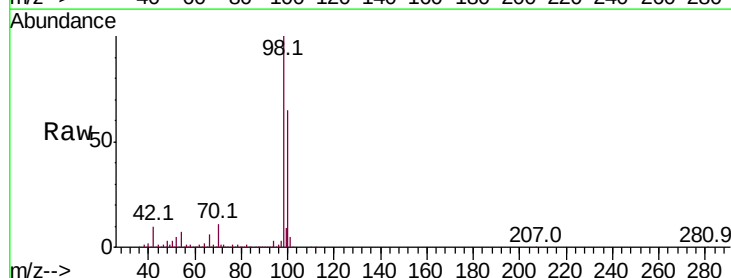
Acq: 11 Sep 2018 14:11

Tgt Ion: 98 Resp: 804335

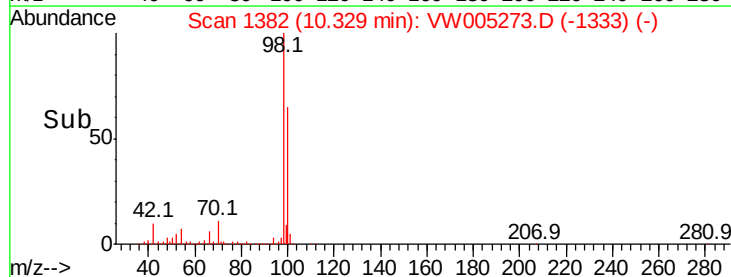
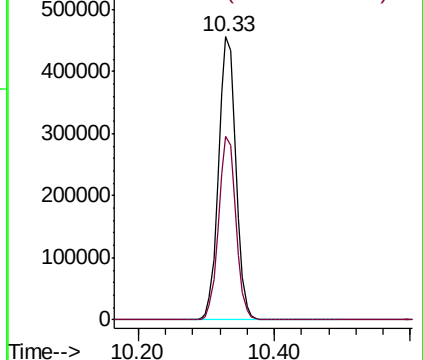
Ion Ratio Lower Upper

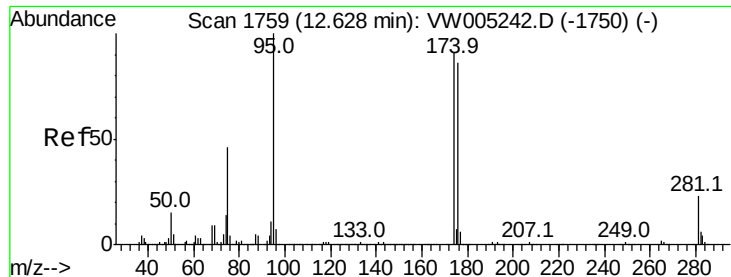
98 100

100 64.5 52.0 78.0



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





#62

4-Bromofluorobenzene

Concen: 37.004 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. -0.00 min

Lab File: VW005273.D

Acq: 11 Sep 2018 14:11

Instrument :

MSVOA_W

ClientSampleId :

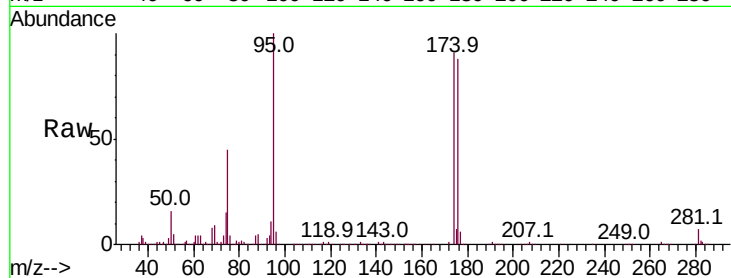
Tot Ion: 95 Resp: 279194

Ion Ratio Lower Upper

95 100

174 88.2 0.0 174.6

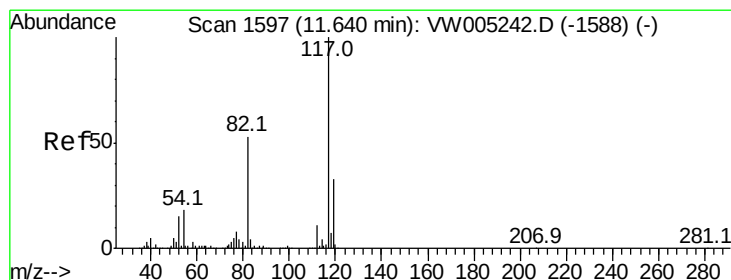
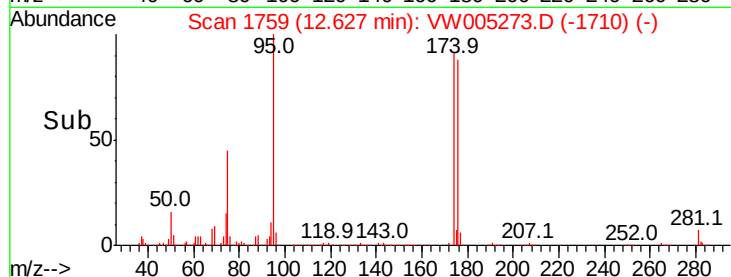
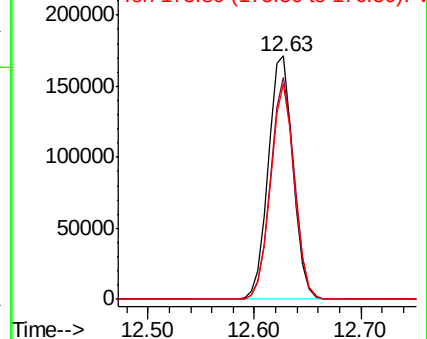
176 84.9 0.0 167.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. -0.00 min

Lab File: VW005273.D

Acq: 11 Sep 2018 14:11

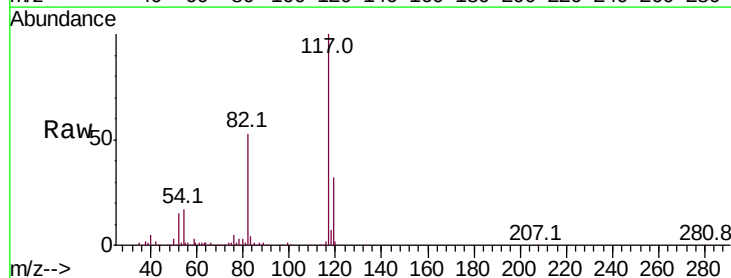
Tgt Ion: 117 Resp: 756522

Ion Ratio Lower Upper

117 100

82 52.5 42.6 63.8

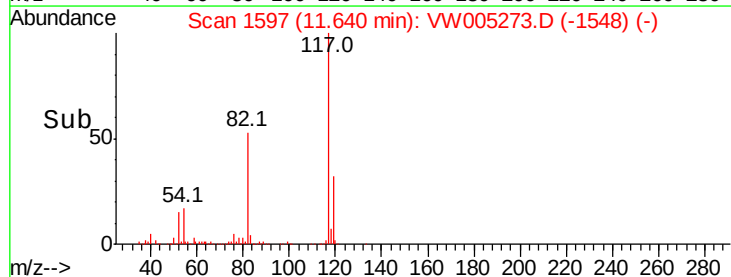
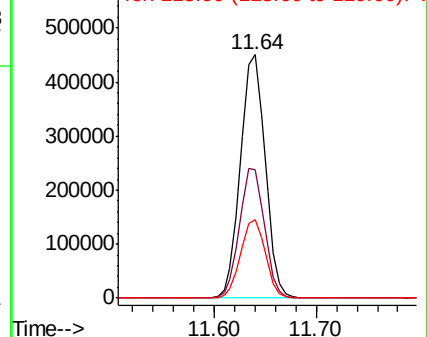
119 32.0 26.2 39.4

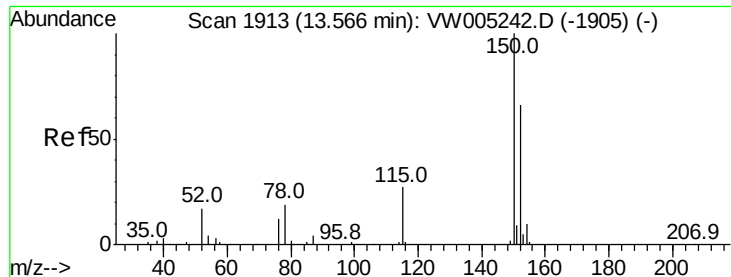


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



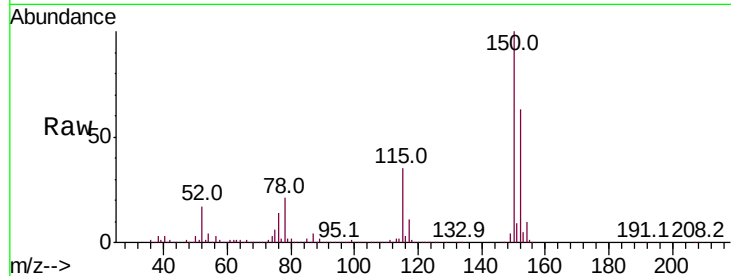


#72

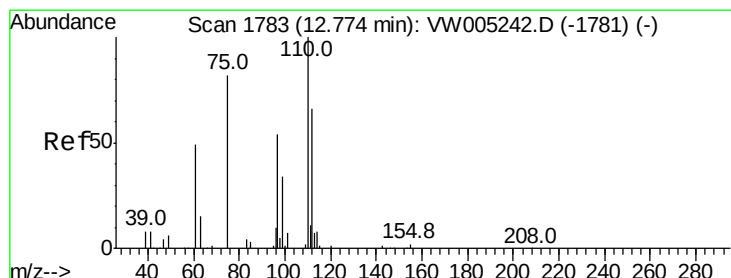
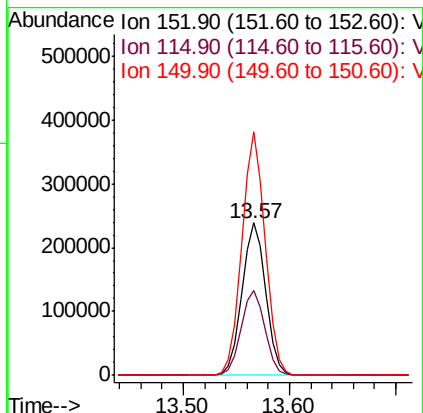
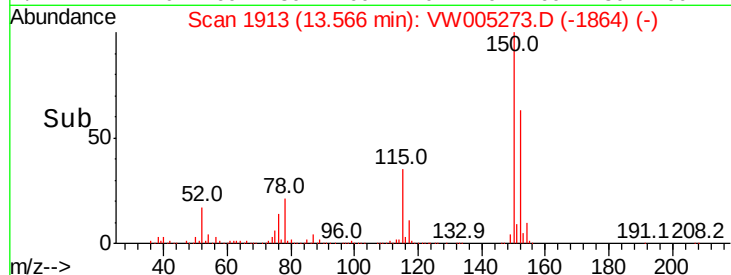
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005273.D
Acq: 11 Sep 2018 14:11

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:152 Resp: 373722
Ion Ratio Lower Upper
152 100
115 55.9 27.5 82.4
150 156.3 0.0 347.4



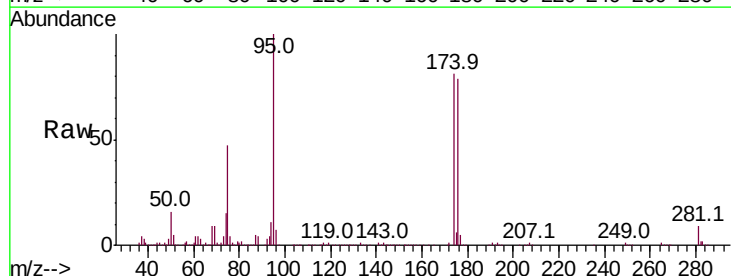
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



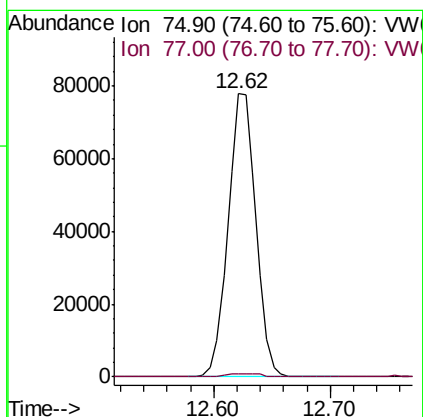
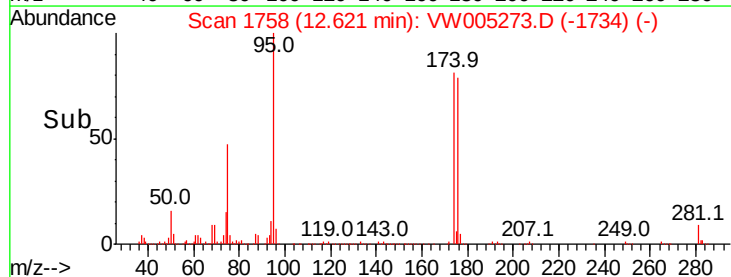
#76

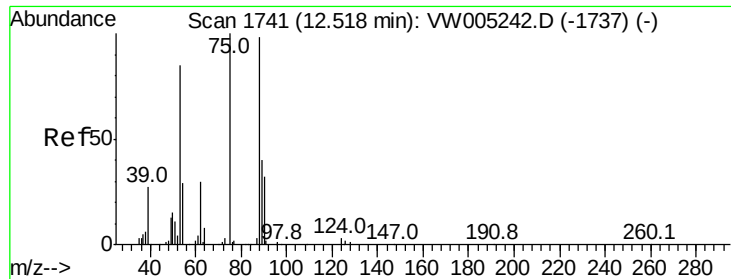
1,2,3-Trichloropropane
Concen: 44.667 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW005273.D
Acq: 11 Sep 2018 14:11

Tgt Ion: 75 Resp: 128394
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 104.754 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005273.D

Acq: 11 Sep 2018 14:11

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 128394

Ion Ratio Lower Upper

75 100

53 0.2 67.0 100.6#

89 0.0 37.0 55.4#

