

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091118\
 Data File : VW005311.D
 Acq On : 12 Sep 2018 08:29
 Operator : SY/AP
 Sample : J4776-03RE
 Misc : 6.17G/5ML/MSVOA W/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 12 10:57:18 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	454704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	731841	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	614661	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	208282	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	194210	57.26	ug/l	0.00
Spiked Amount			Recovery	=	114.52%	
35) Dibromofluoromethane	7.89	113	164952	43.03	ug/l	0.00
Spiked Amount			Recovery	=	86.06%	
50) Toluene-d8	10.33	98	650672	33.59	ug/l	0.00
Spiked Amount			Recovery	=	67.18%	
62) 4-Bromofluorobenzene	12.62	95	199597	28.17	ug/l	0.00
Spiked Amount			Recovery	=	56.34%	

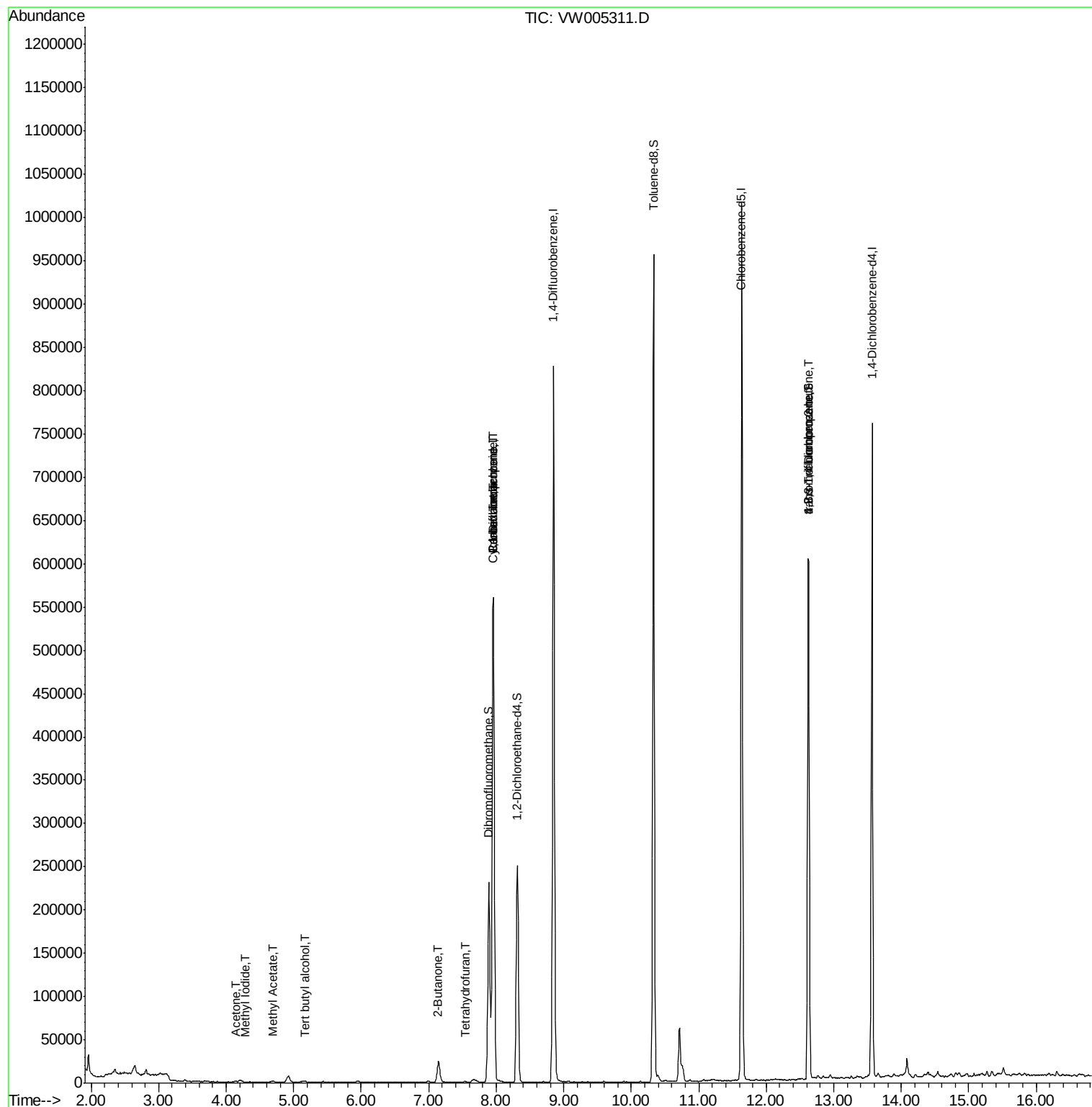
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.78	94	670	Below Cal	#	75
10) Methyl Iodide	4.29	142	97	3.345	ug/l #	45
11) Tert butyl alcohol	5.17	59	1986	7.141	ug/l #	79
16) Acetone	4.14	43	2122	3.371	ug/l #	87
18) Methyl Acetate	4.69	43	2819	1.500	ug/l	90
20) Methylene Chloride	4.92	84	5281	Below Cal		95
25) 2-Butanone	7.15	43	1536	1.547	ug/l #	70
29) Tetrahydrofuran	7.54	42	872	1.303	ug/l #	54
31) Cyclohexane	7.95	56	7606	1.048	ug/l #	1
36) 1,1-Dichloropropene	7.96	75	30853	4.602	ug/l #	48
38) Carbon Tetrachloride	7.96	117	41645	6.631	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	93504	58.367	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	93504	136.884	ug/l #	16

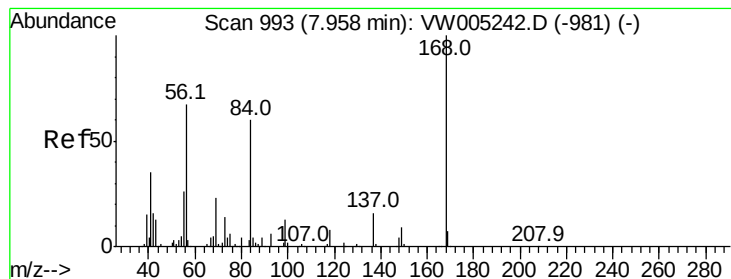
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091118\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260
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: VW005311.D

Acq: 12 Sep 2018 08:29

Instrument :

MSVOA_W

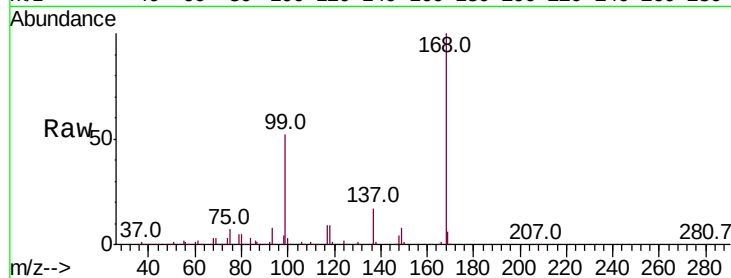
ClientSampleId :

Tot Ion:168 Resp: 454704

Ion Ratio Lower Upper

168 100

99 51.8 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

200000

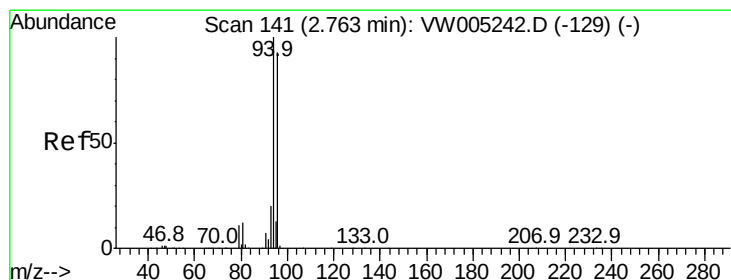
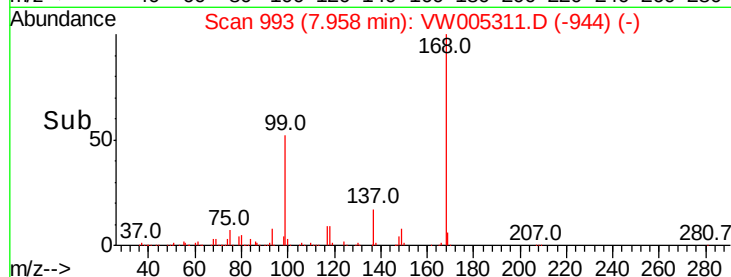
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: VW005311.D

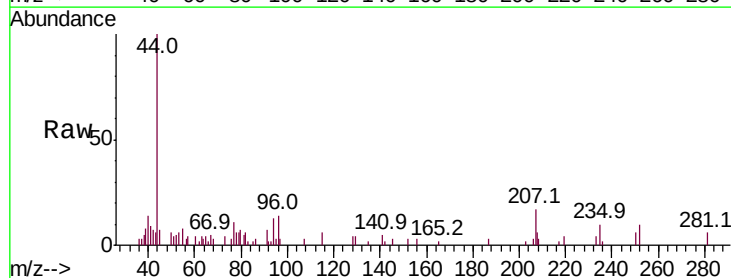
Acq: 12 Sep 2018 08:29

Tgt Ion: 94 Resp: 670

Ion Ratio Lower Upper

94 100

96 68.7 74.1 111.1#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.78

400

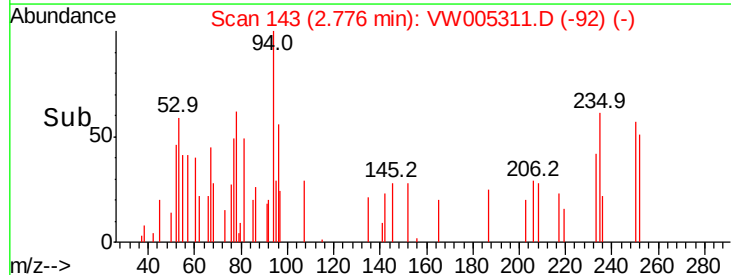
300

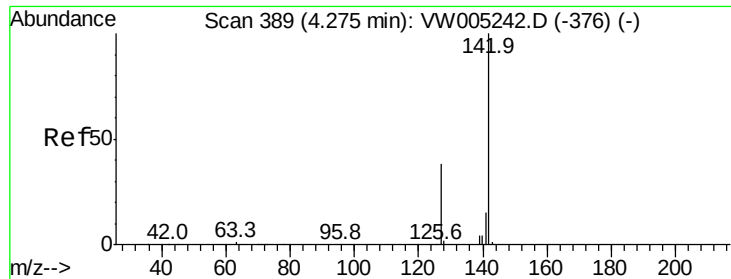
200

100

0

Time-->





#10

Methvl Iodide

Concen: 3.345 ug/l

RT: 4.29 min Scan# 391

Delta R.T. 0.01 min

Lab File: VW005311.D

Acq: 12 Sep 2018 08:29

Instrument :

MSVOA_W

ClientSampleId :

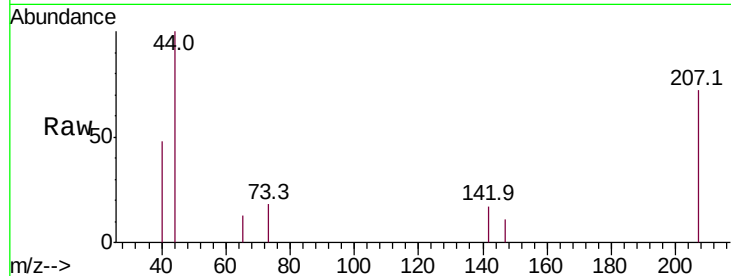
Tot Ion:142 Resp: 97

Ion Ratio Lower Upper

142 100

127 0.0 30.3 45.5#

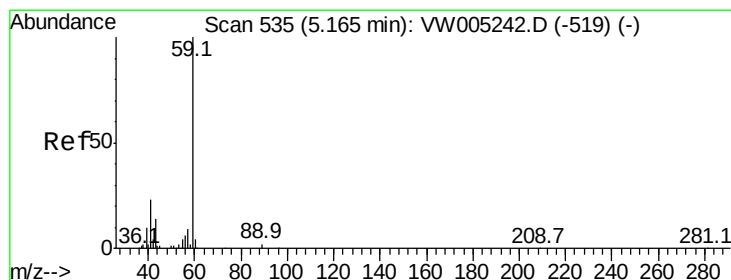
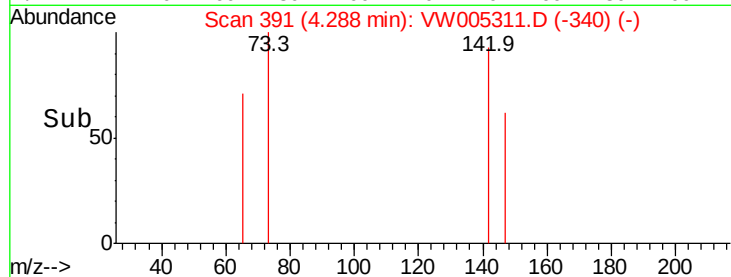
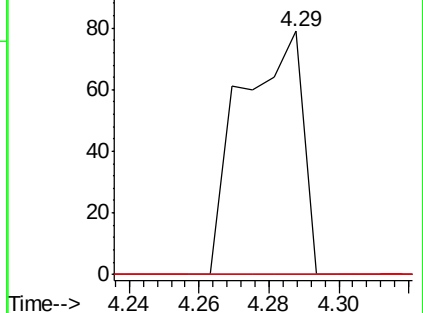
141 0.0 11.4 17.0#



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: 7.141 ug/l

RT: 5.17 min Scan# 536

Delta R.T. 0.01 min

Lab File: VW005311.D

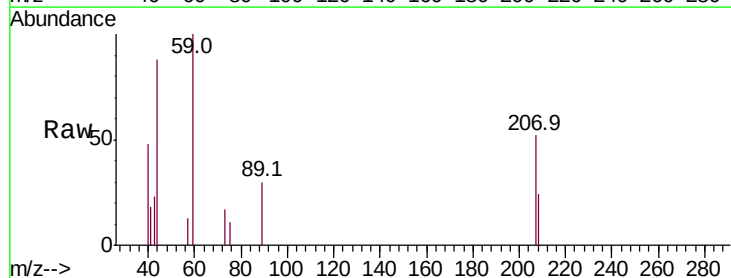
Acq: 12 Sep 2018 08:29

Tgt Ion: 59 Resp: 1986

Ion Ratio Lower Upper

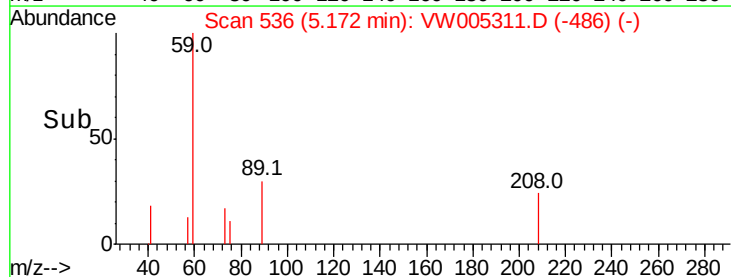
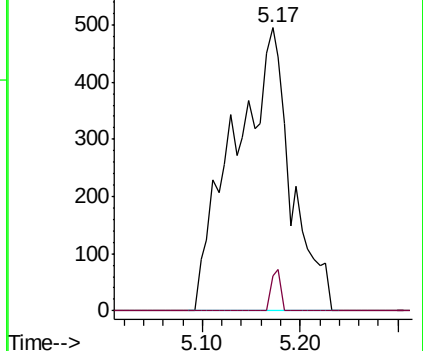
59 100

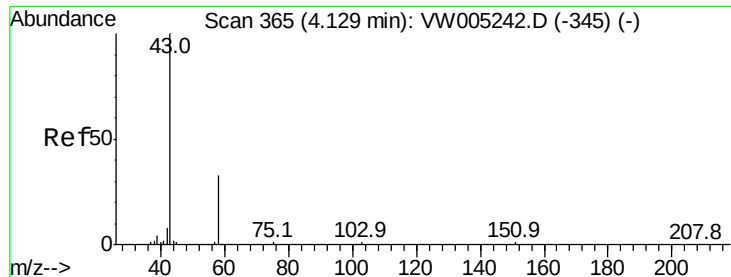
57 2.5 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 3.371 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW005311.D

Acq: 12 Sep 2018 08:29

Instrument :

MSVOA_W

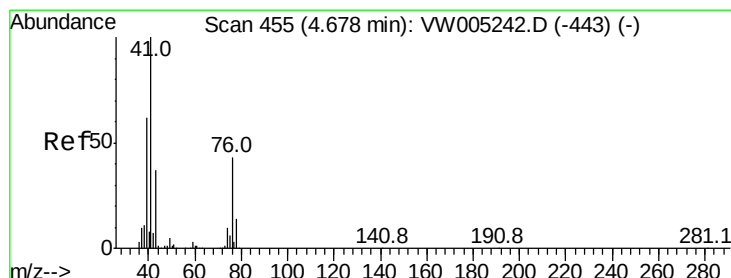
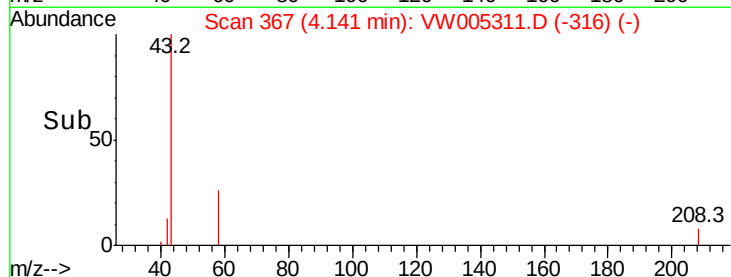
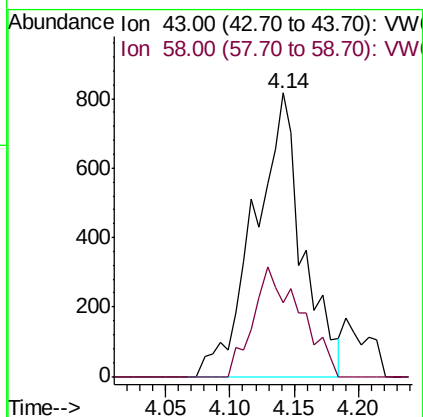
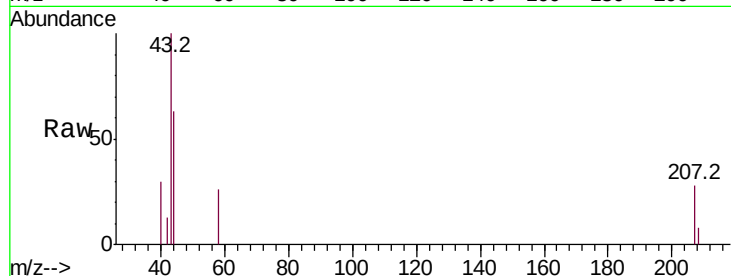
ClientSampled :

Tot Ion: 43 Resp: 2122

Ion Ratio Lower Upper

43 100

58 25.9 26.7 40.1#



#18

Methyl Acetate

Concen: 1.500 ug/l

RT: 4.69 min Scan# 457

Delta R.T. 0.01 min

Lab File: VW005311.D

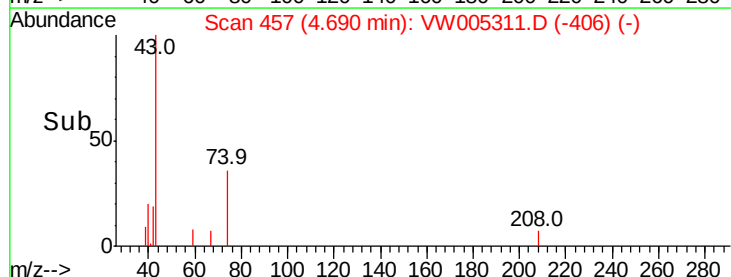
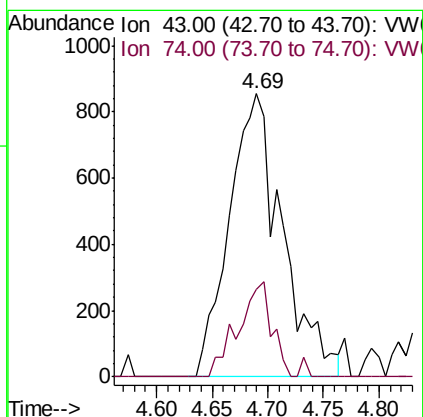
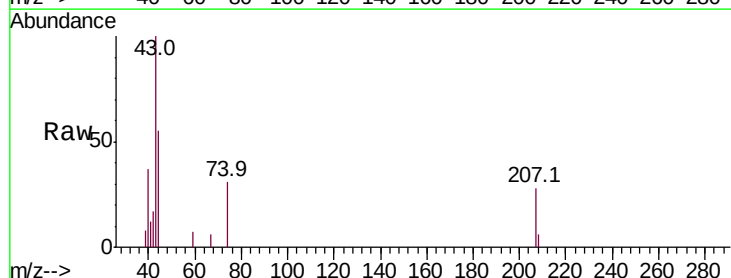
Acq: 12 Sep 2018 08:29

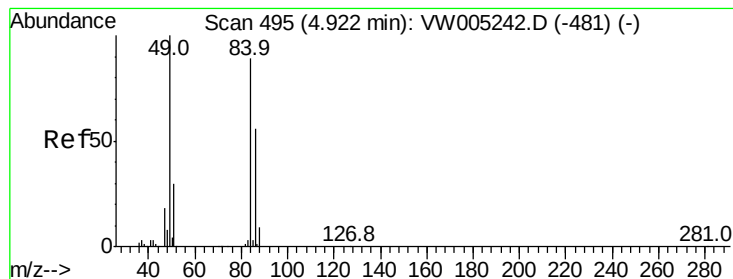
Tgt Ion: 43 Resp: 2819

Ion Ratio Lower Upper

43 100

74 21.5 21.4 32.2





#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

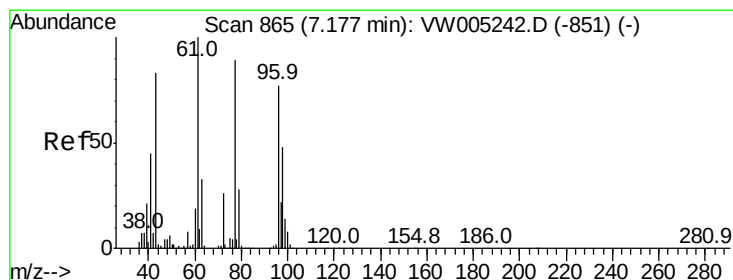
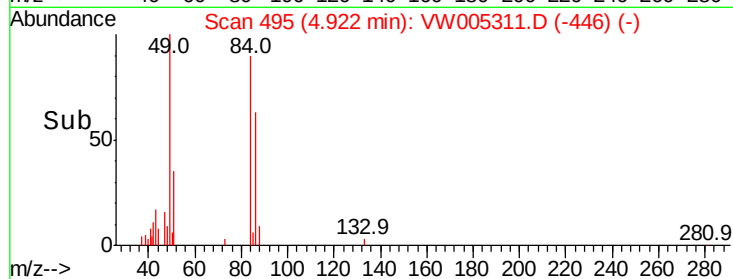
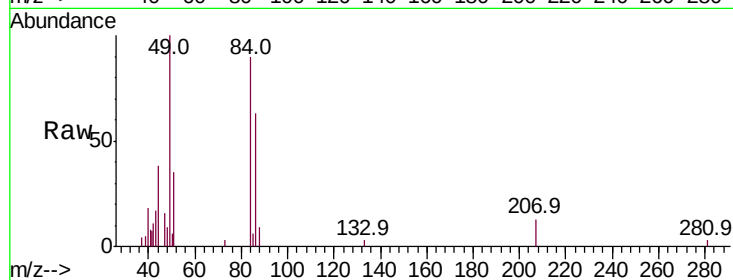
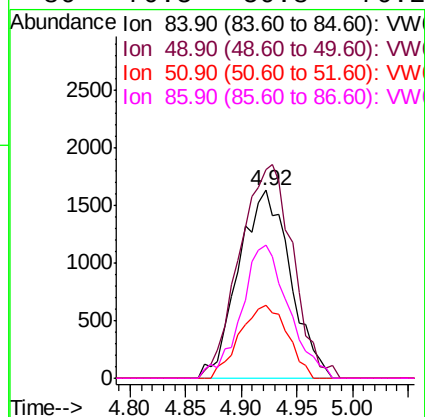
Lab File: VW005311.D

Acq: 12 Sep 2018 08:29

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 84 Resp: 5281

Ion	Ratio	Lower	Upper
84	100		
49	111.1	90.3	135.5
51	38.7	26.9	40.3
86	70.5	50.8	76.2



#25

2-Butanone

Concen: 1.547 ug/l

RT: 7.15 min Scan# 860

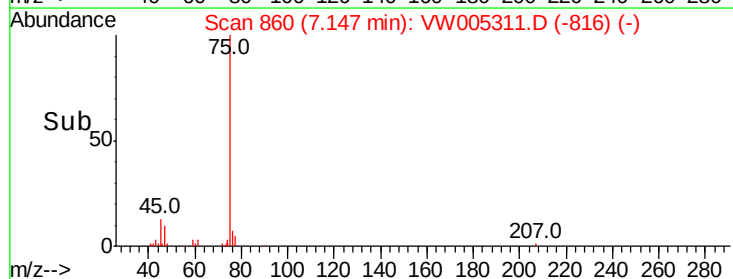
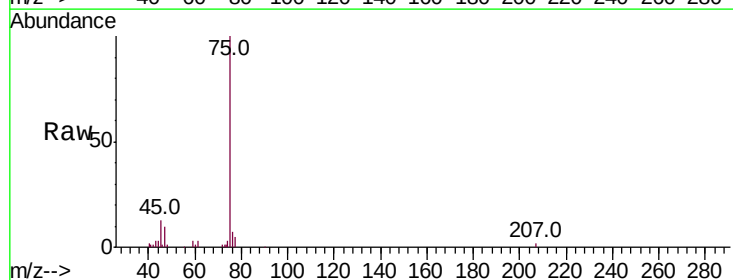
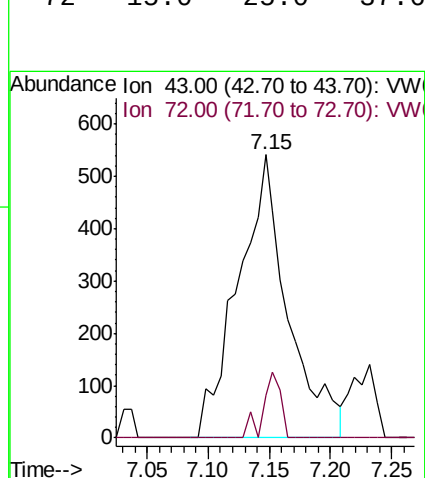
Delta R.T. -0.03 min

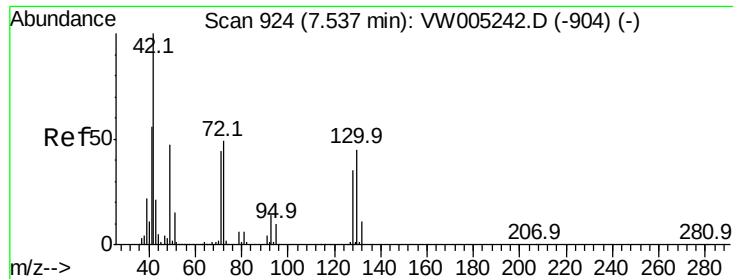
Lab File: VW005311.D

Acq: 12 Sep 2018 08:29

Tgt Ion: 43 Resp: 1536

Ion	Ratio	Lower	Upper
43	100		
72	15.0	25.0	37.6#

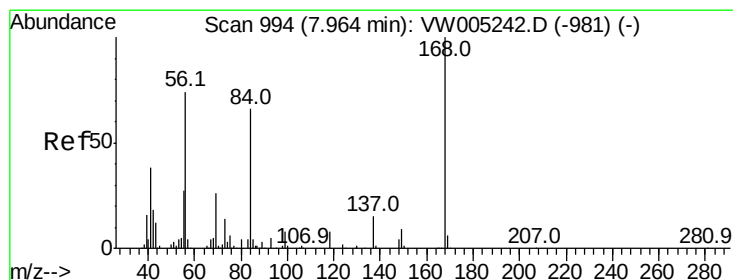
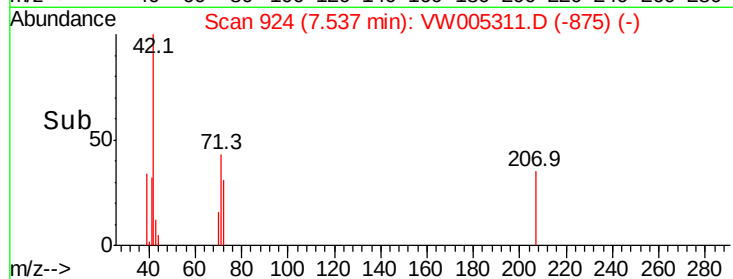
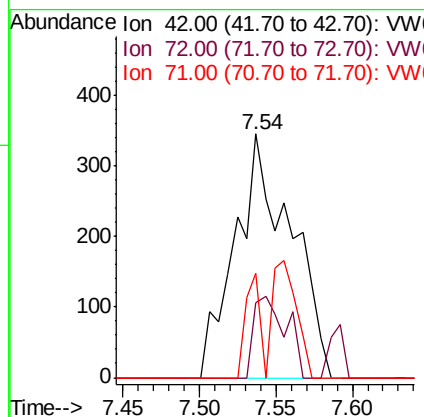
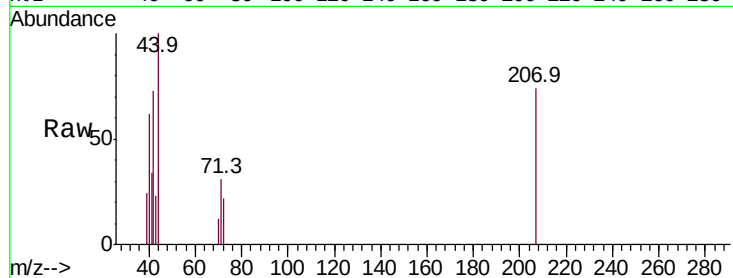




#29
Tetrahydrofuran
Concen: 1.303 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005311.D
Acq: 12 Sep 2018 08:29

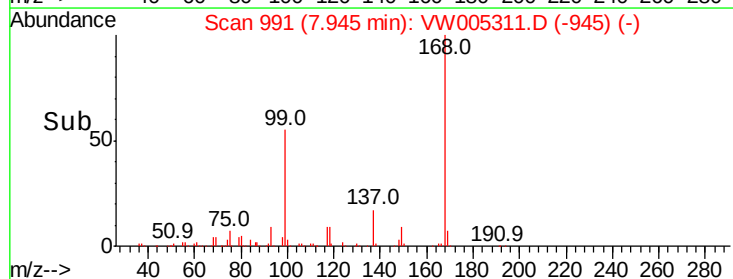
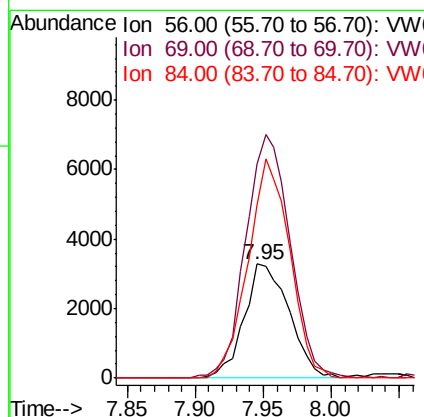
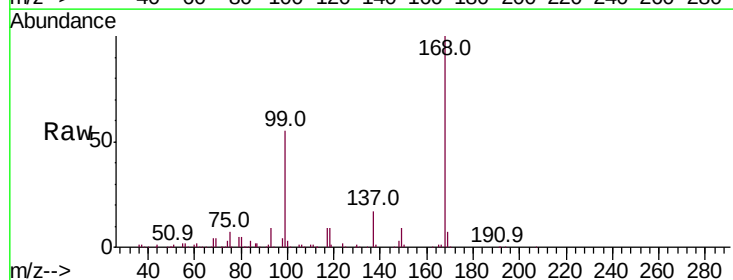
Instrument :
MSVOA_W
ClientSampleId :

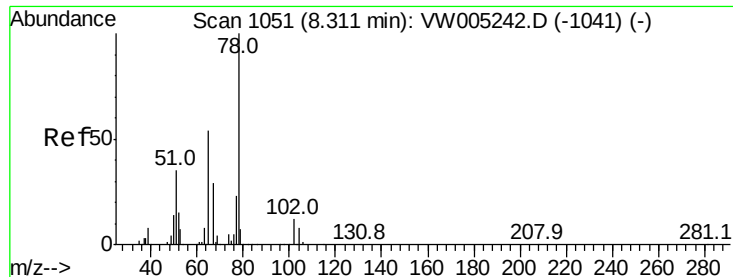
Tot Ion: 42 Resp: 872
Ion Ratio Lower Upper
42 100
72 19.4 37.5 56.3#
71 10.9 34.8 52.2#



#31
Cyclohexane
Concen: 1.048 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.02 min
Lab File: VW005311.D
Acq: 12 Sep 2018 08:29

Tgt Ion: 56 Resp: 7606
Ion Ratio Lower Upper
56 100
69 188.0 27.8 41.8#
84 151.8 72.1 108.1#

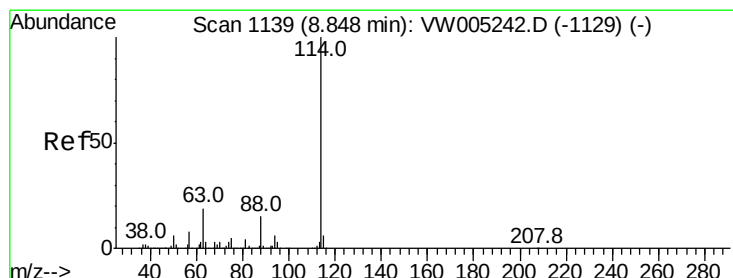
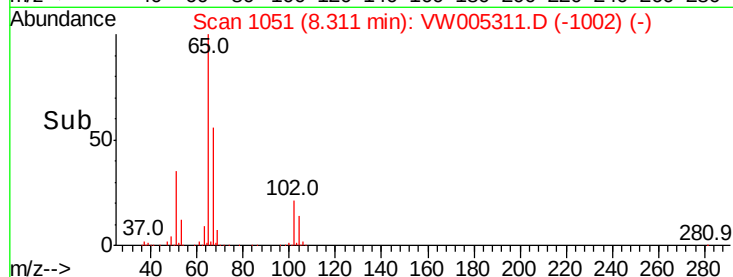
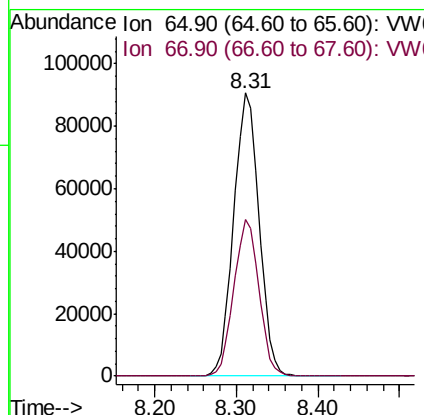
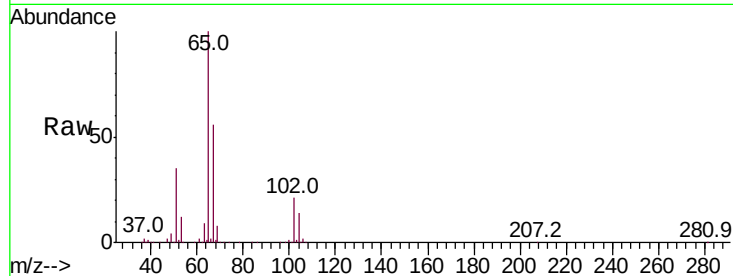




#33
 1,2-Dichloroethane-d4
 Concen: 57.264 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005311.D
 Acq: 12 Sep 2018 08:29

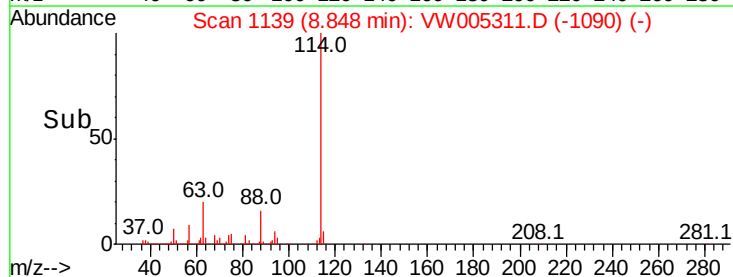
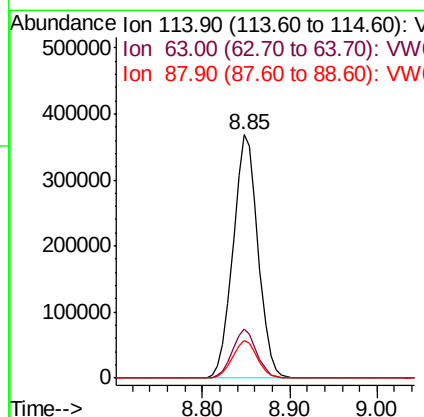
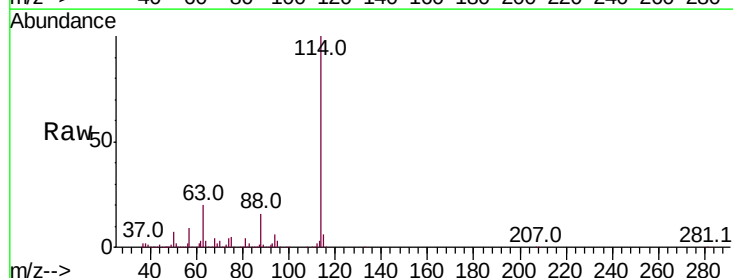
Instrument :
 MSVOA_W
 ClientSampled :

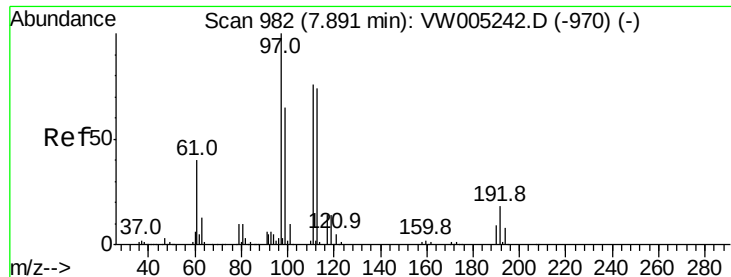
Tot Ion: 65 Resp: 194210
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 112.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005311.D
 Acq: 12 Sep 2018 08:29

Tgt Ion: 114 Resp: 731841
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 37.0
 88 15.5 0.0 30.4

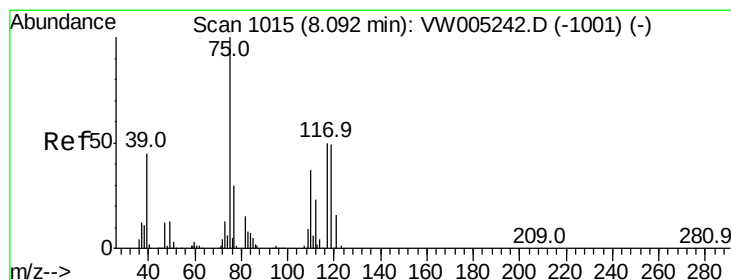
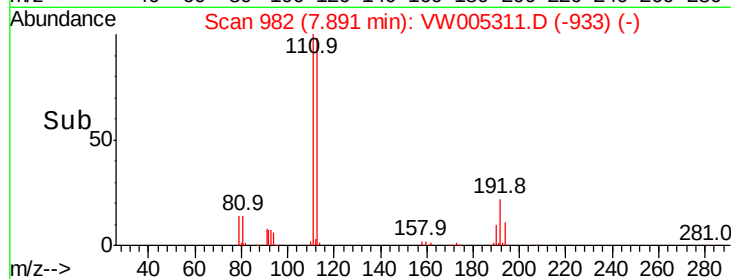
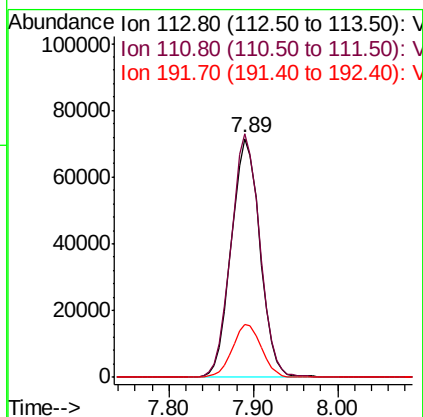
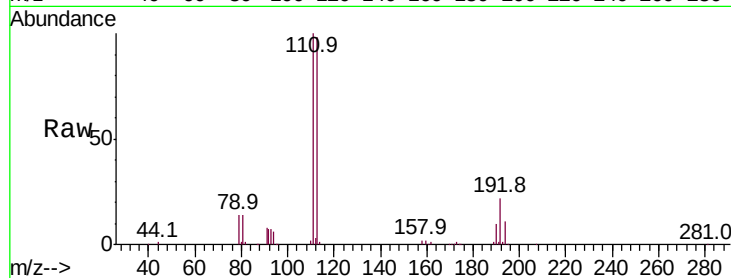




#35
 Dibromofluoromethane
 Concen: 43.028 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005311.D
 Acq: 12 Sep 2018 08:29

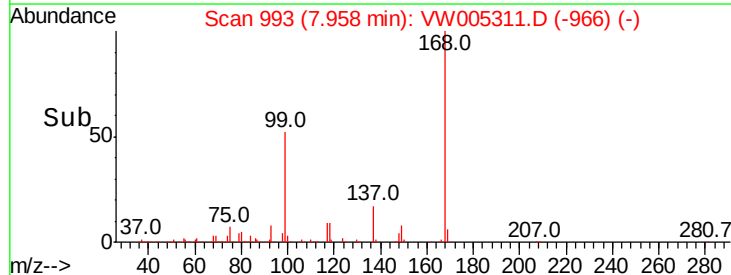
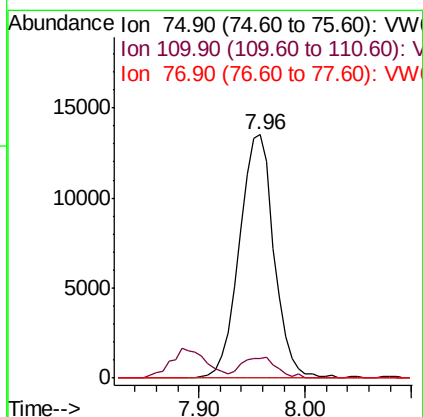
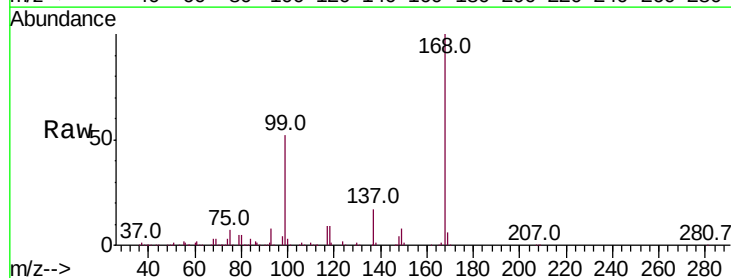
Instrument :
 MSVOA_W
 ClientSampleId :

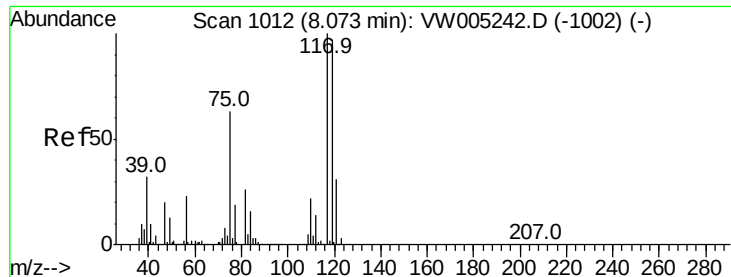
Tot Ion:113 Resp: 164952
 Ion Ratio Lower Upper
 113 100
 111 102.1 80.6 121.0
 192 22.3 18.3 27.5



#36
 1,1-Dichloropropene
 Concen: 4.602 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VW005311.D
 Acq: 12 Sep 2018 08:29

Tgt Ion: 75 Resp: 30853
 Ion Ratio Lower Upper
 75 100
 110 8.8 18.8 56.4#
 77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 6.631 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.12 min

Lab File: VW005311.D

Acq: 12 Sep 2018 08:29

Instrument :

MSVOA_W

ClientSampled :

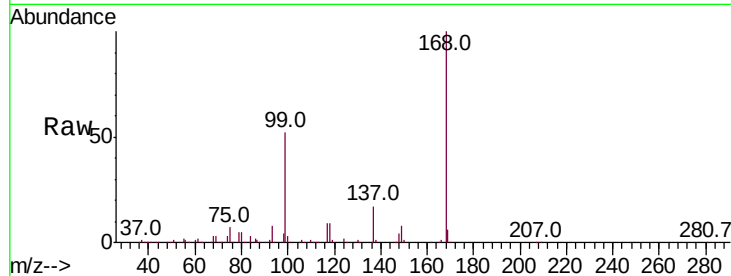
Tot Ion:117 Resp: 41645

Ion Ratio Lower Upper

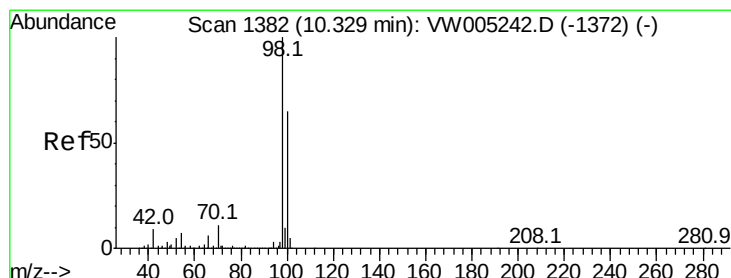
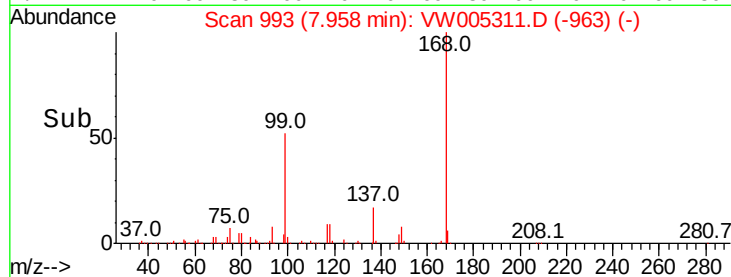
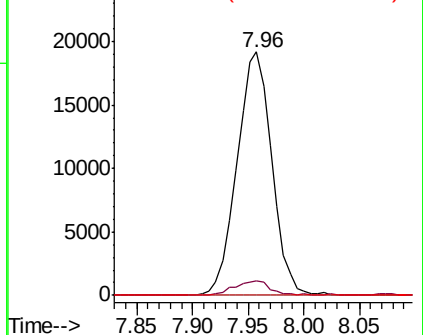
117 100

119 6.0 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



#50

Toluene-d8

Concen: 33.588 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005311.D

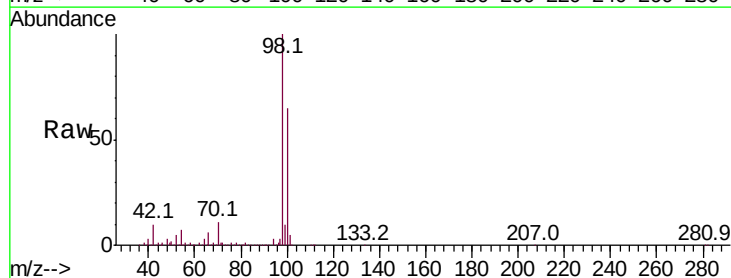
Acq: 12 Sep 2018 08:29

Tgt Ion: 98 Resp: 650672

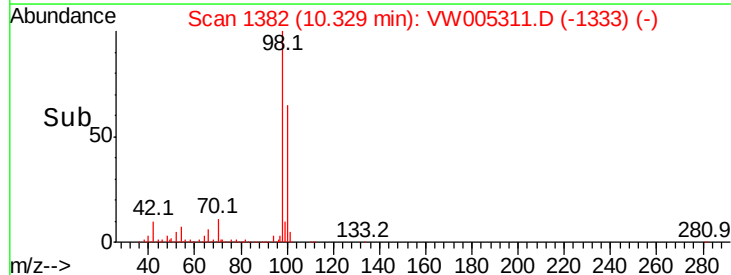
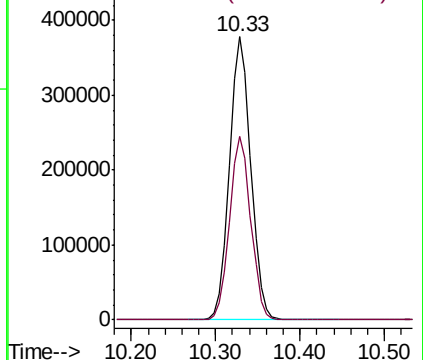
Ion Ratio Lower Upper

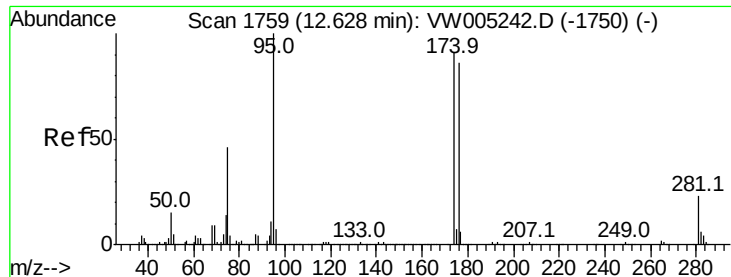
98 100

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): V

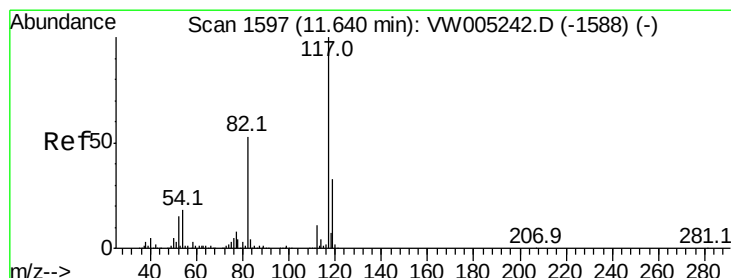
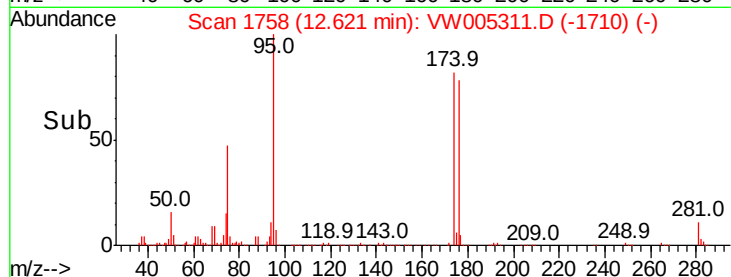
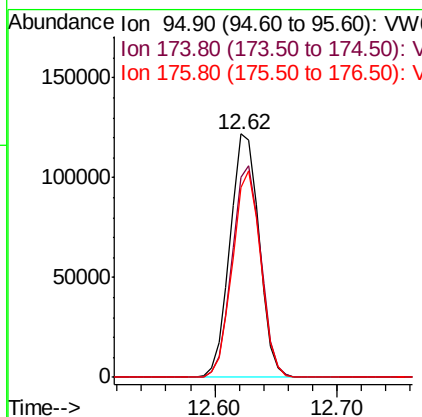
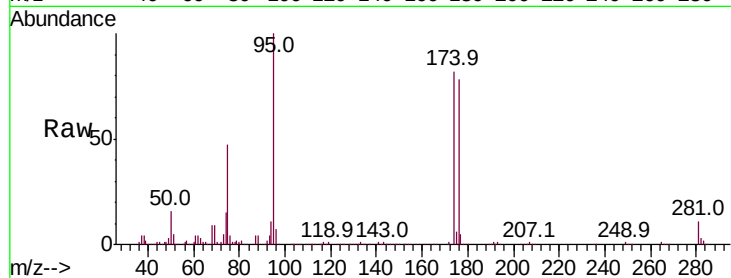




#62
4-Bromofluorobenzene
Concen: 28.169 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.01 min
Lab File: VW005311.D
Acq: 12 Sep 2018 08:29

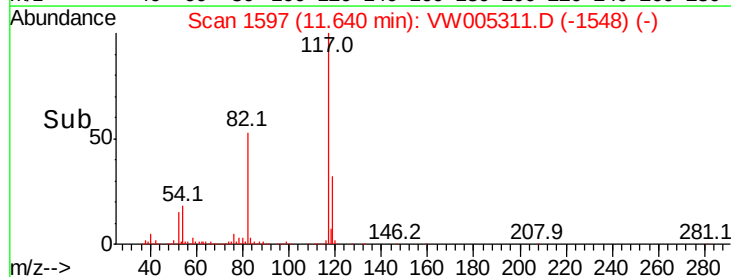
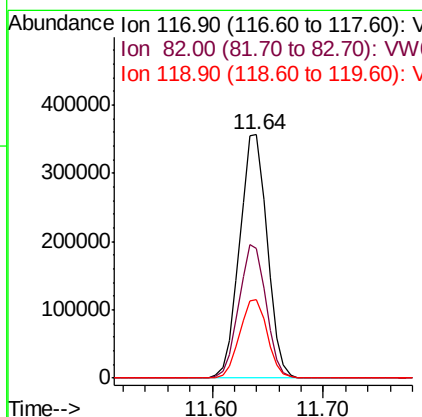
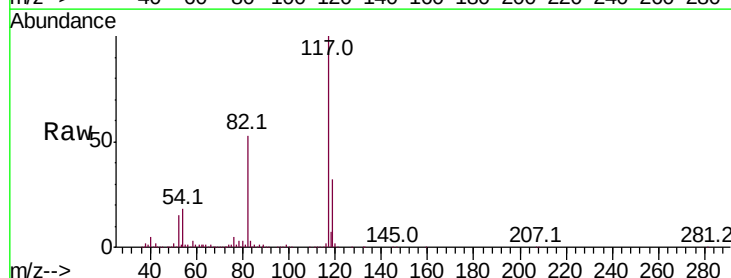
Instrument :
MSVOA_W
ClientSampleId :

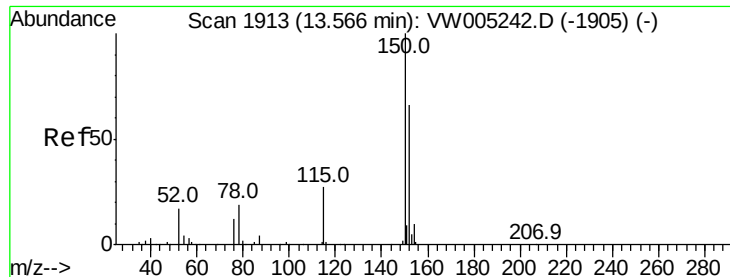
Tot Ion	95	Resp	199597
Ion Ratio	100		
Lower		0.0	
Upper		174.6	
174	86.4		
176	82.5		
Lower		0.0	
Upper		167.6	



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005311.D
Acq: 12 Sep 2018 08:29

Tgt Ion	117	Resp	614661
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower		42.6	
Upper		63.8	
82	53.4		
119	32.0		
Lower		26.2	
Upper		39.4	

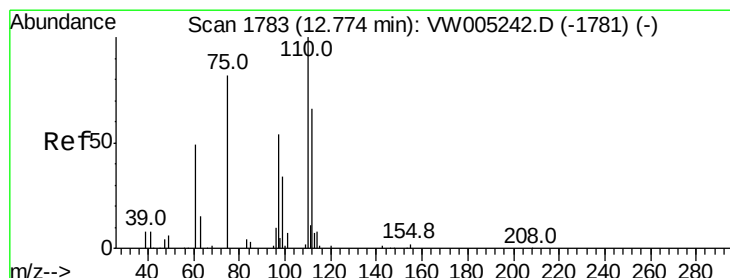
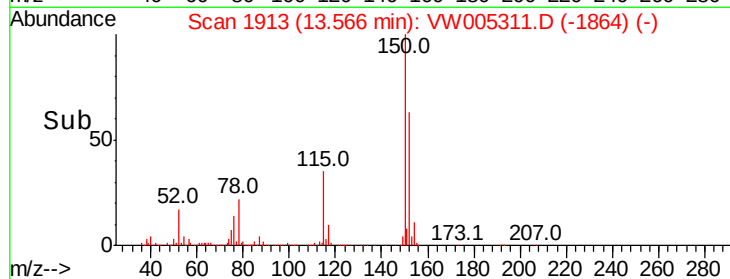
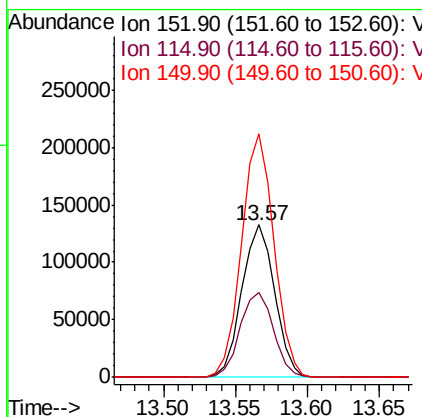
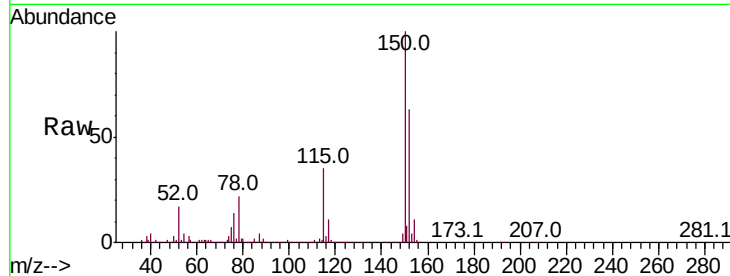




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. -0.00 min
 Lab File: VW005311.D
 Acq: 12 Sep 2018 08:29

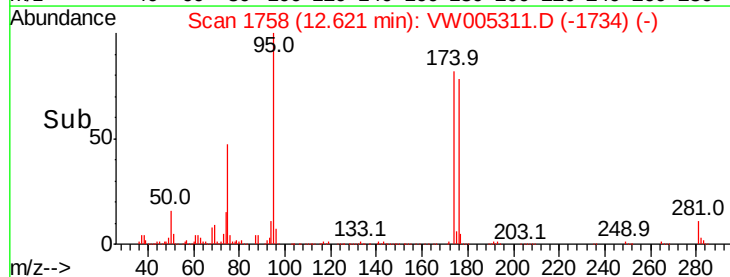
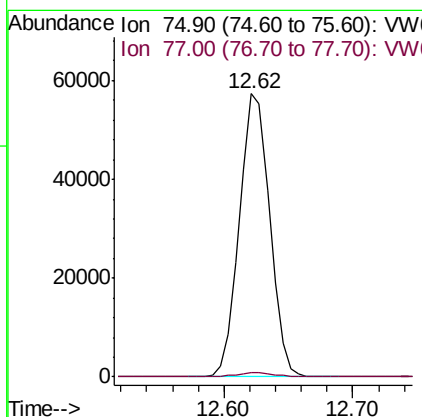
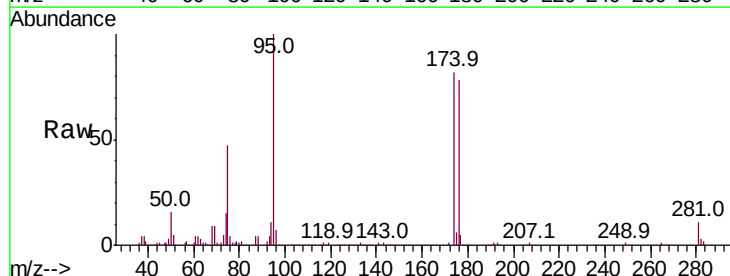
Instrument :
 MSVOA_W
 ClientSampleId :

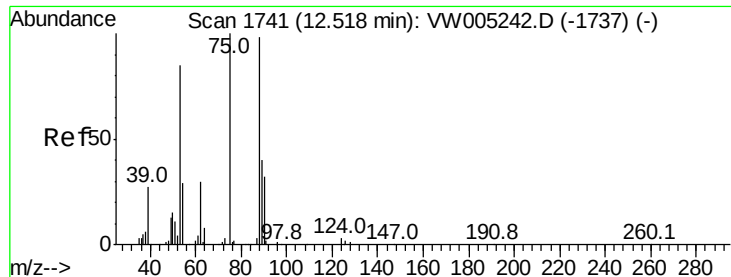
Tot Ion:152 Resp: 208282
 Ion Ratio Lower Upper
 152 100
 115 57.2 27.5 82.4
 150 158.6 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 58.367 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW005311.D
 Acq: 12 Sep 2018 08:29

Tgt Ion: 75 Resp: 93504
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 136.884 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005311.D

Acq: 12 Sep 2018 08:29

Instrument :

MSVOA_W

ClientSampleId :

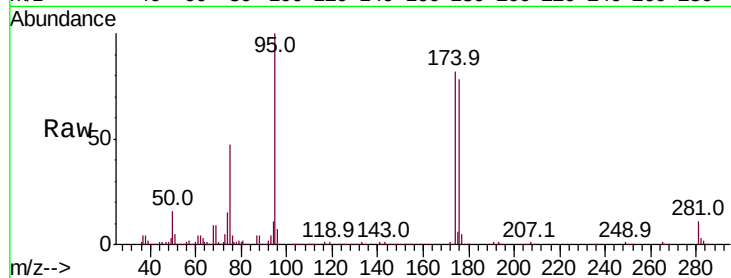
Tot Ion: 75 Resp: 93504

Ion Ratio Lower Upper

75 100

53 0.3 67.0 100.6#

89 0.0 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

