

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091118\
 Data File : VW005266.D
 Acq On : 11 Sep 2018 11:03
 Operator : SY/AP
 Sample : VW0911SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 11 12:26:58 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	450001	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	652633	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	641097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	321862	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	185352	55.22	ug/l	0.00
Spiked Amount			Recovery	=	110.44%	
35) Dibromofluoromethane	7.89	113	184622	54.00	ug/l	0.00
Spiked Amount			Recovery	=	108.00%	
50) Toluene-d8	10.33	98	880796	50.99	ug/l	0.00
Spiked Amount			Recovery	=	101.98%	
62) 4-Bromofluorobenzene	12.63	95	303261	47.99	ug/l	0.00
Spiked Amount			Recovery	=	95.98%	

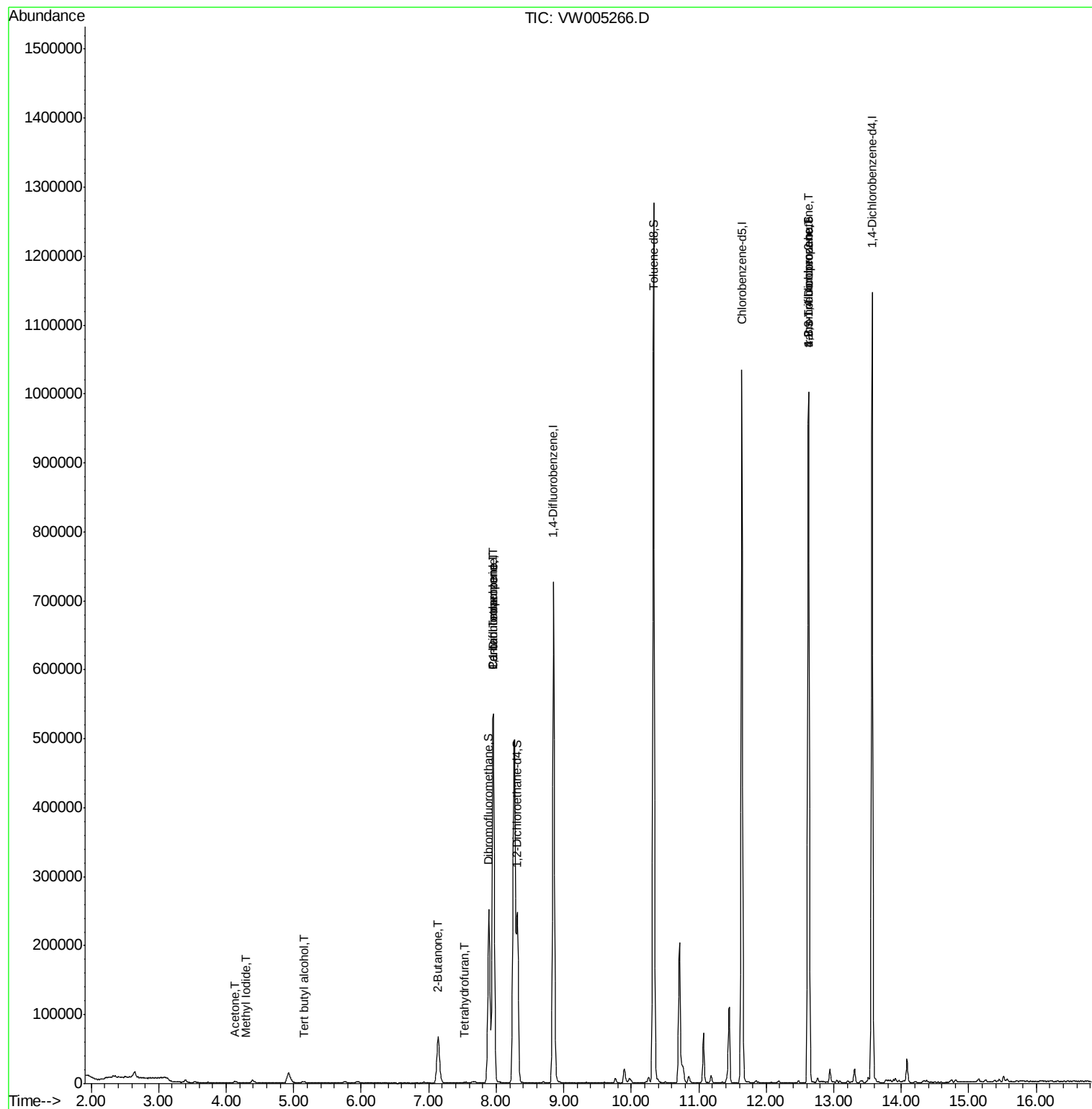
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.76	94	215	Below Cal	#	3
10) Methyl Iodide	4.29	142	517	3.427	ug/l #	45
11) Tert butyl alcohol	5.15	59	3211	11.666	ug/l #	74
16) Acetone	4.13	43	3830	6.148	ug/l	90
20) Methylene Chloride	4.92	84	12295	Below Cal		98
25) 2-Butanone	7.14	43	3469	3.530	ug/l #	70
29) Tetrahydrofuran	7.53	42	893	1.348	ug/l #	31
36) 1,1-Dichloropropene	7.95	75	29294	4.899	ug/l #	49
38) Carbon Tetrachloride	7.95	117	39387	7.032	ug/l #	16
76) 1,2,3-Trichloropropane	12.63	75	138222	55.834	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	138222	130.942	ug/l #	16

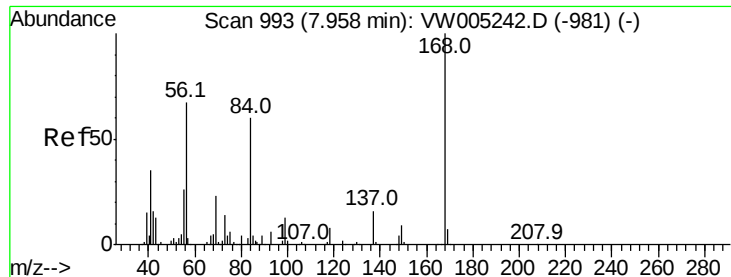
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091118\
Data File : VW005266.D
Acq On : 11 Sep 2018 11:03
Operator : SY/AP
Sample : VW0911SBL01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Sep 11 12:26:58 2018
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: VW005266.D

Acq: 11 Sep 2018 11:03

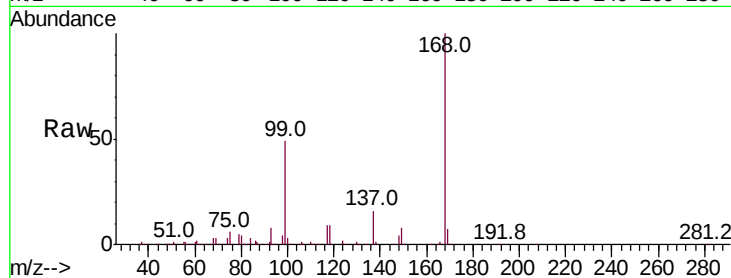
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 450001

Ion Ratio Lower Upper

168 100

99 49.5 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

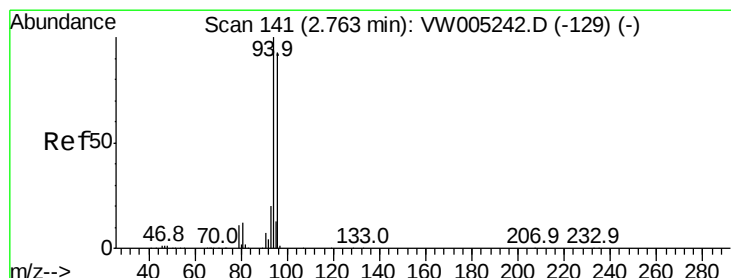
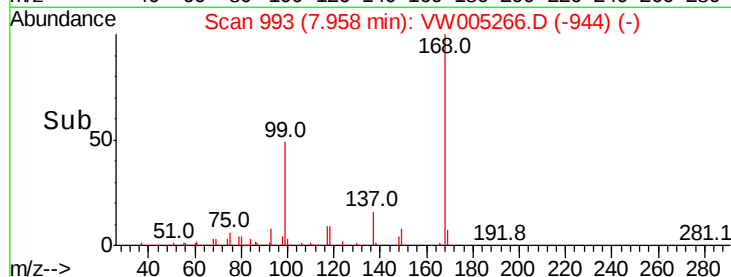
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#5

Bromomethane

Concen: Below Cal

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW005266.D

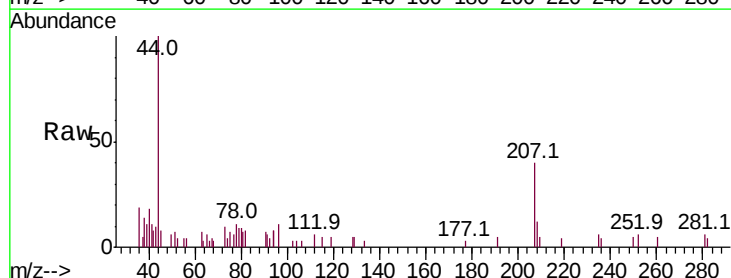
Acq: 11 Sep 2018 11:03

Tgt Ion: 94 Resp: 215

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

400

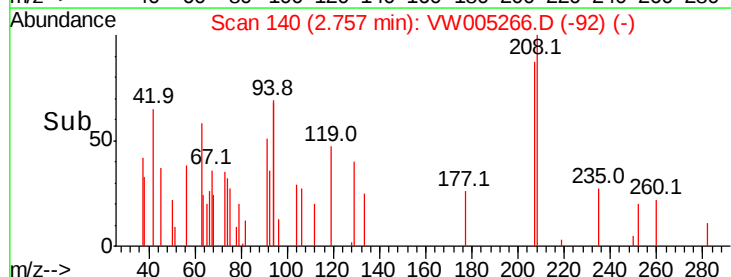
300

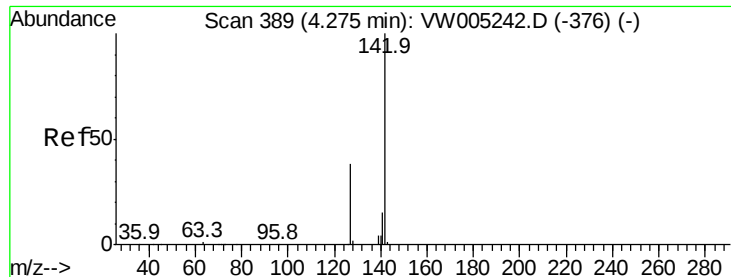
200

100

0

Time--> 2.72 2.74 2.76





#10

Methyl Iodide

Concen: 3.427 ug/l

RT: 4.29 min Scan# 391

Delta R.T. 0.01 min

Lab File: VW005266.D

Acq: 11 Sep 2018 11:03

Instrument :

MSVOA_W

ClientSampleId :

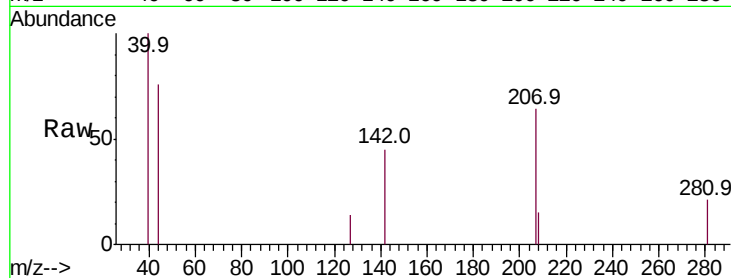
Tot Ion:142 Resp: 517

Ion Ratio Lower Upper

142 100

127 0.0 30.3 45.5#

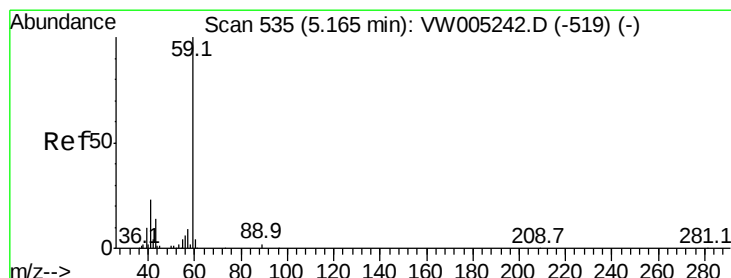
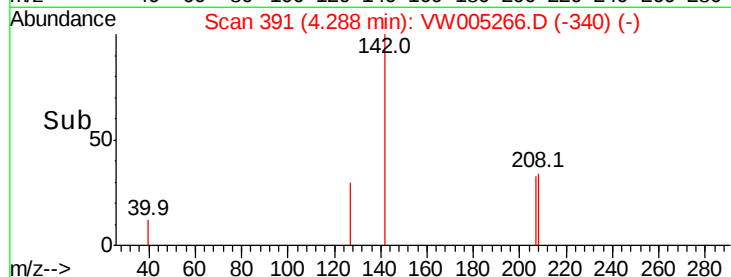
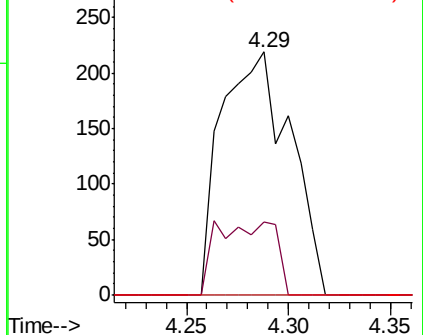
141 0.0 11.4 17.0#



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: 11.666 ug/l

RT: 5.15 min Scan# 532

Delta R.T. -0.02 min

Lab File: VW005266.D

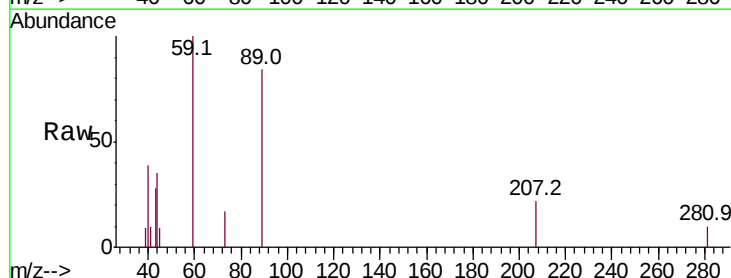
Acq: 11 Sep 2018 11:03

Tgt Ion: 59 Resp: 3211

Ion Ratio Lower Upper

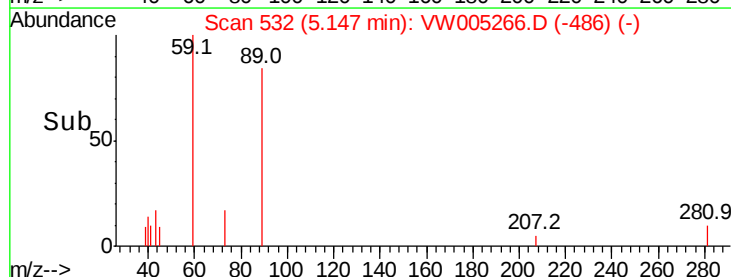
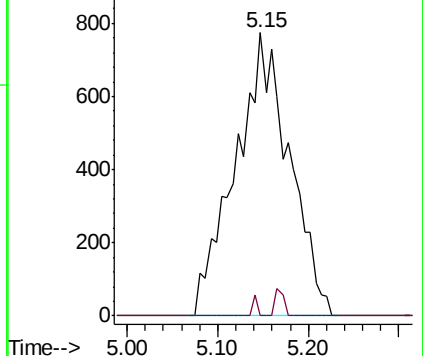
59 100

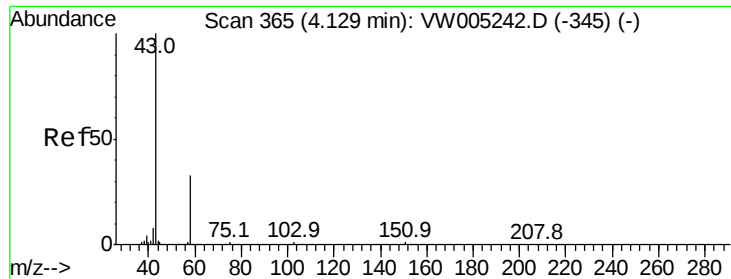
57 0.6 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

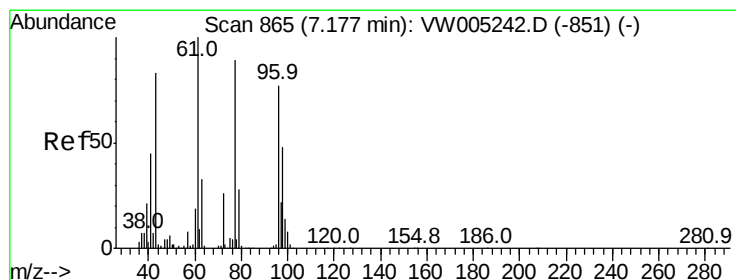
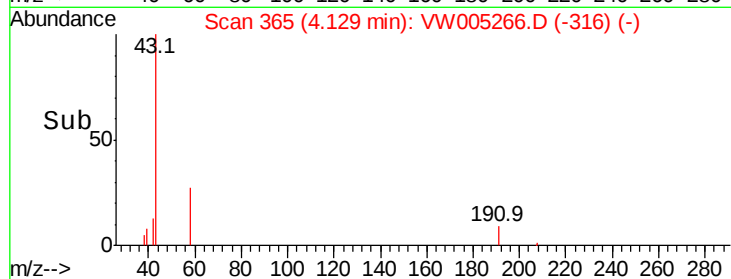
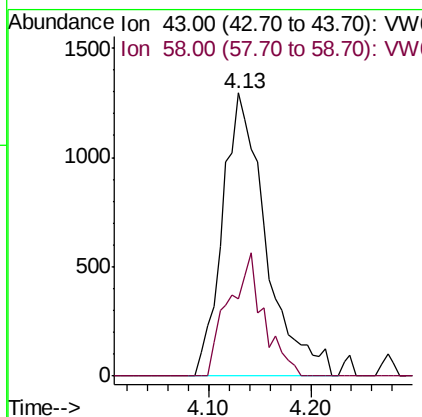
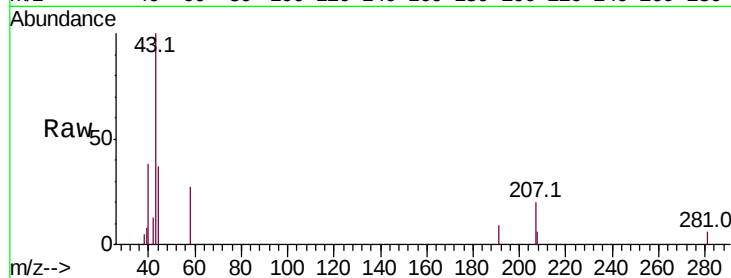




#16
Acetone
Concen: 6.148 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.00 min
Lab File: VW005266.D
Acq: 11 Sep 2018 11:03

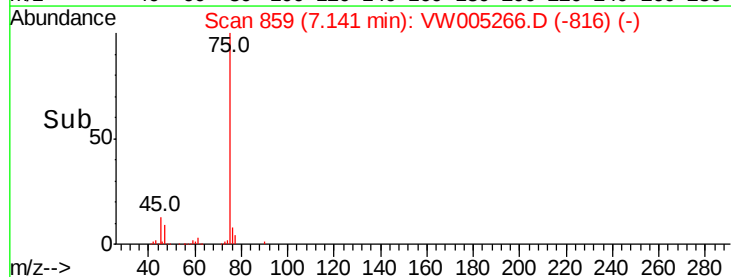
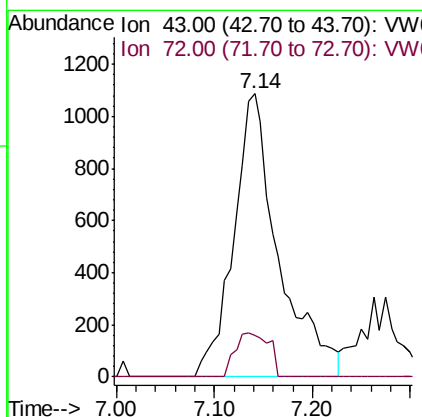
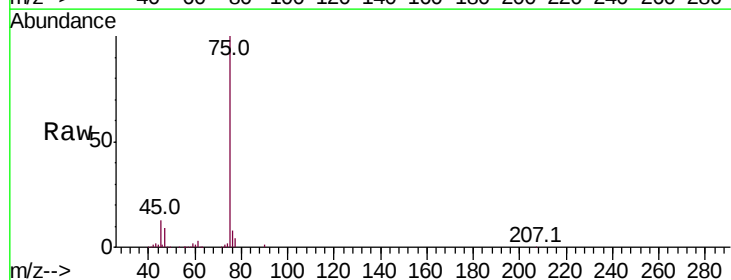
Instrument :
MSVOA_W
ClientSampled :

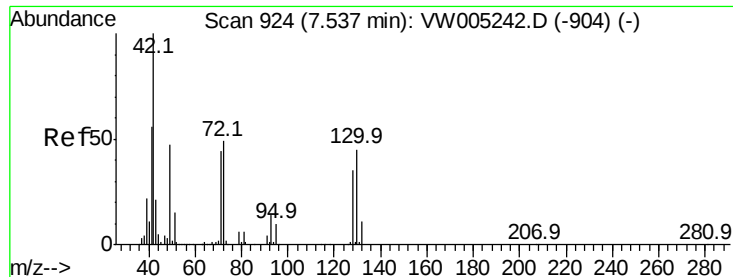
Tot Ion: 43 Resp: 3830
Ion Ratio Lower Upper
43 100
58 27.4 26.7 40.1



#25
2-Butanone
Concen: 3.530 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.04 min
Lab File: VW005266.D
Acq: 11 Sep 2018 11:03

Tgt Ion: 43 Resp: 3469
Ion Ratio Lower Upper
43 100
72 14.5 25.0 37.6#

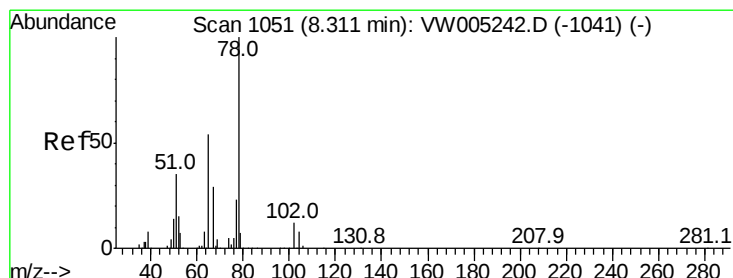
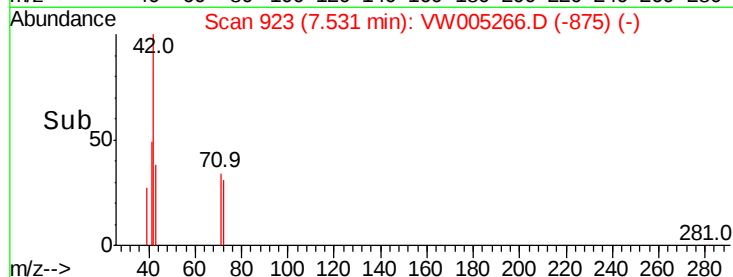
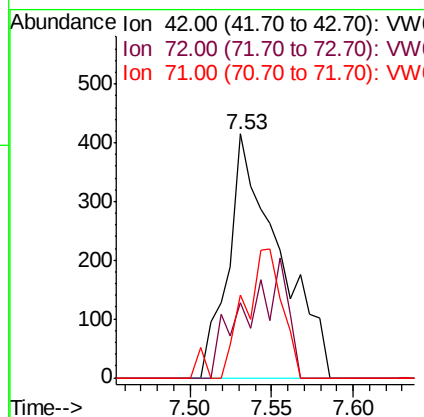
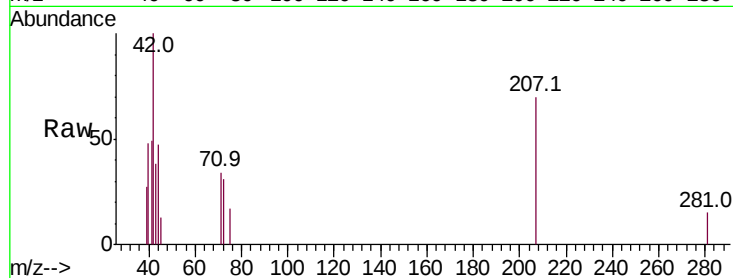




#29
Tetrahydrofuran
Concen: 1.348 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW005266.D
Acq: 11 Sep 2018 11:03

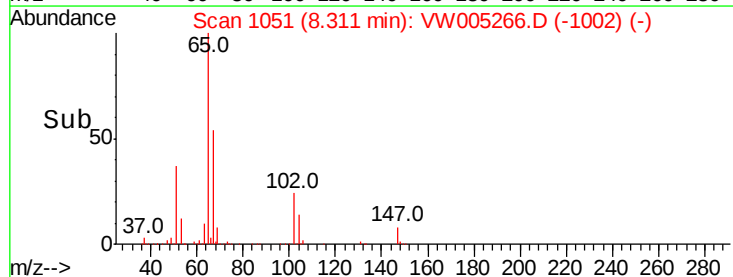
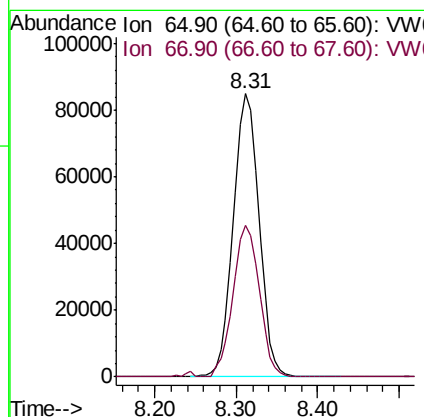
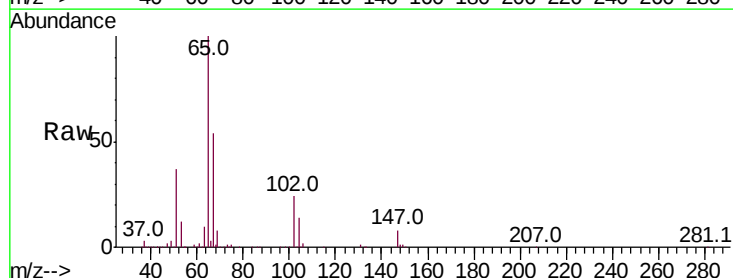
Instrument :
MSVOA_W
ClientSampled :

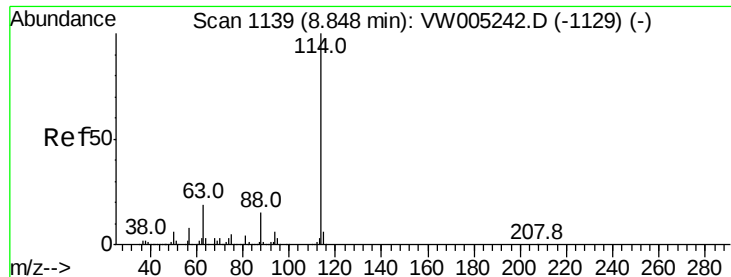
Tot Ion: 42 Resp: 893
Ion Ratio Lower Upper
42 100
72 0.0 37.5 56.3#
71 0.0 34.8 52.2#



#33
1,2-Dichloroethane-d4
Concen: 55.224 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW005266.D
Acq: 11 Sep 2018 11:03

Tgt Ion: 65 Resp: 185352
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# 1139

Delta R.T. 0.00 min

Lab File: VW005266.D

Acq: 11 Sep 2018 11:03

Instrument :

MSVOA_W

ClientSampleId :

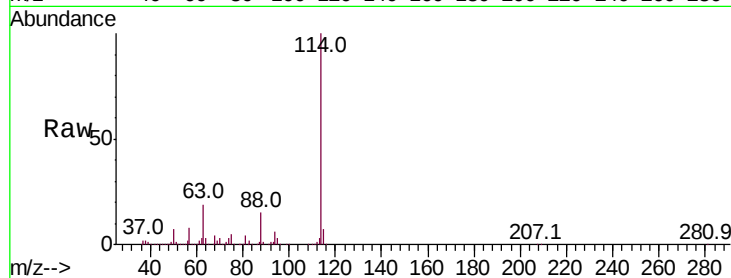
Tot Ion:114 Resp: 652633

Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.0

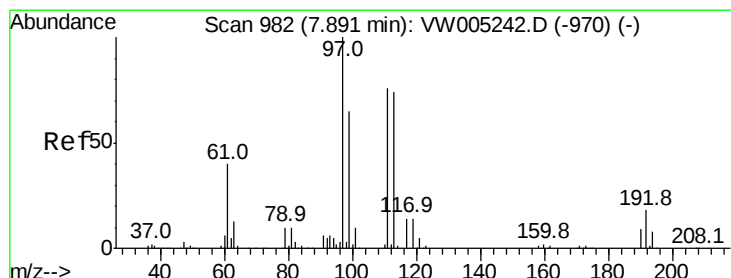
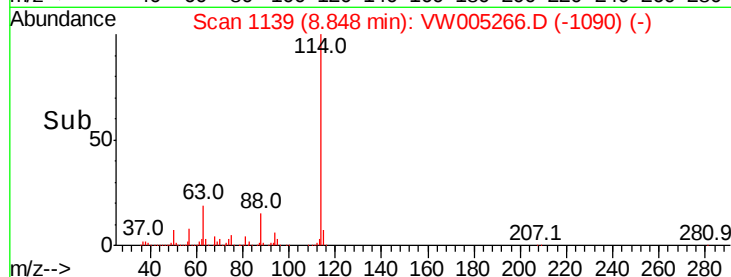
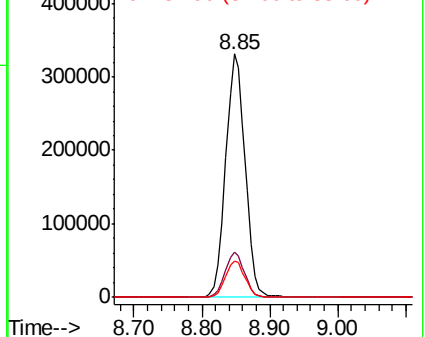
88 15.1 0.0 30.4



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: 54.003 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW005266.D

Acq: 11 Sep 2018 11:03

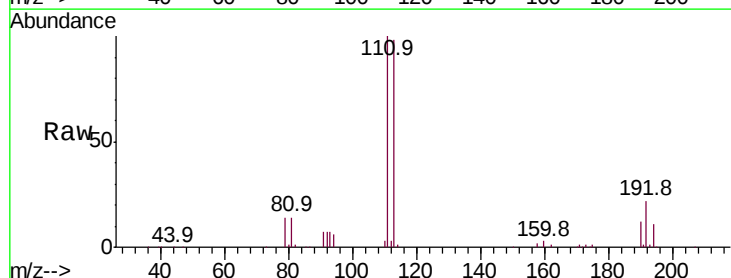
Tgt Ion:113 Resp: 184622

Ion Ratio Lower Upper

113 100

111 102.7 80.6 121.0

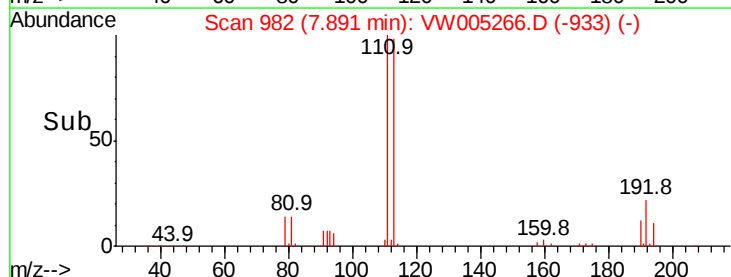
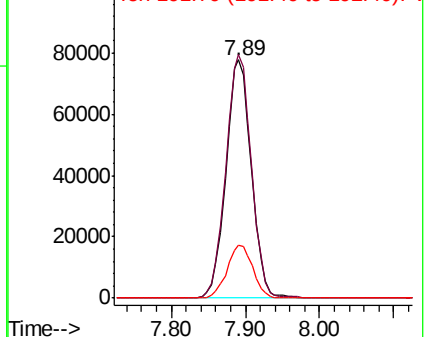
192 22.7 18.3 27.5

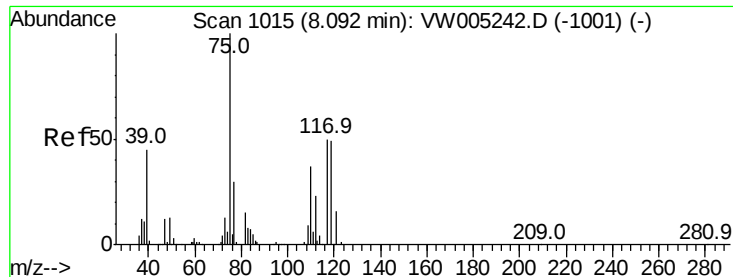


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

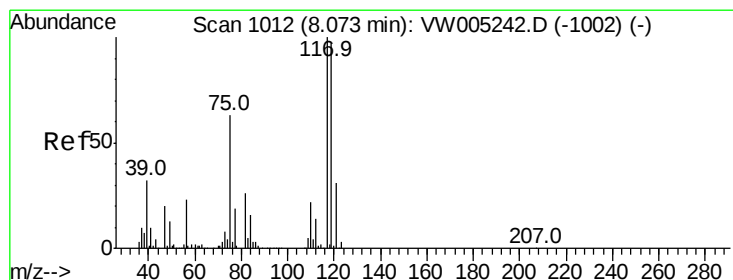
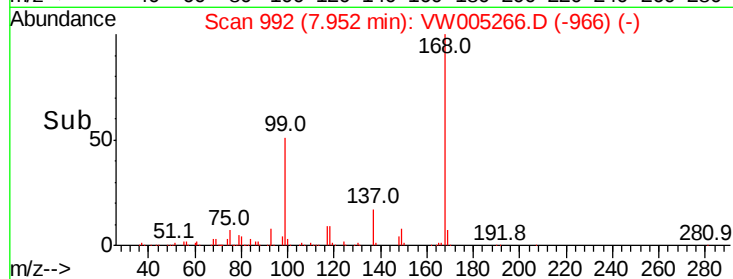
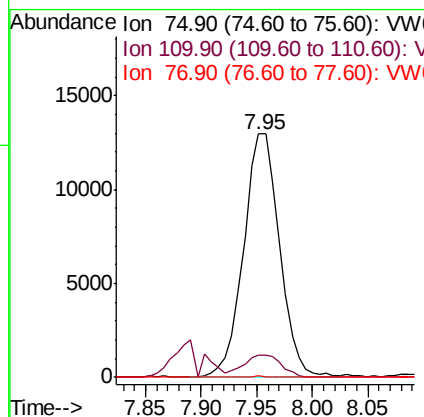
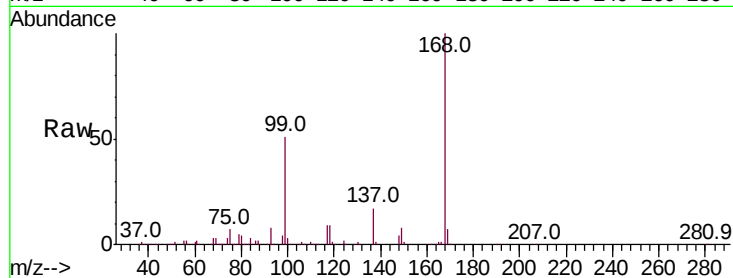




#36
 1,1-Dichloropropene
 Concen: 4.899 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.14 min
 Lab File: VW005266.D
 Acq: 11 Sep 2018 11:03

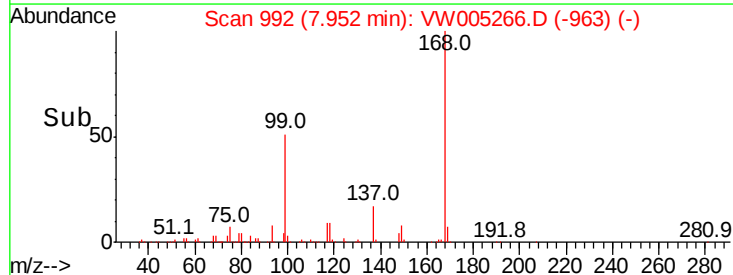
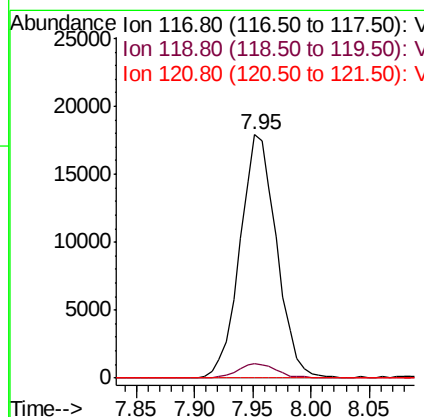
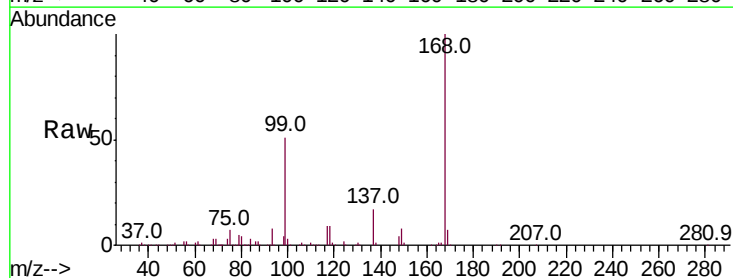
Instrument :
 MSVOA_W
 ClientSampleId :

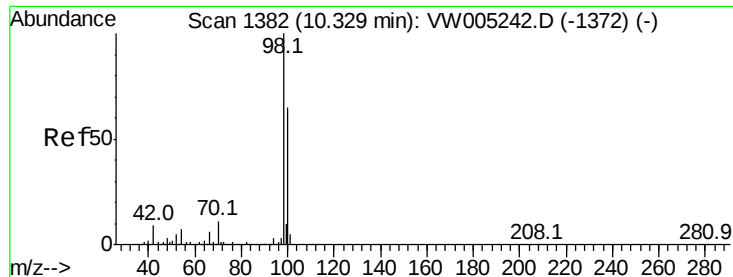
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.8	56.4#
77	0.1	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 7.032 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW005266.D
 Acq: 11 Sep 2018 11:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.1	77.5	116.3#
121	0.0	24.7	37.1#





#50

Toluene-d8

Concen: 50.986 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005266.D

Acq: 11 Sep 2018 11:03

Instrument :

MSVOA_W

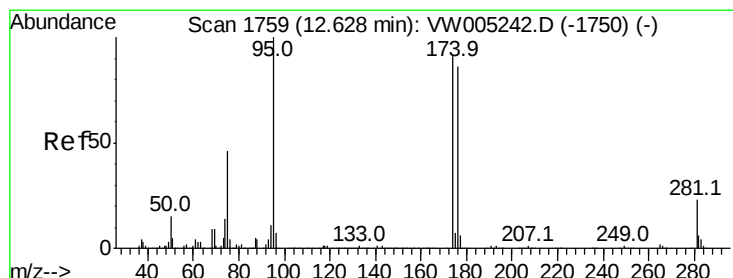
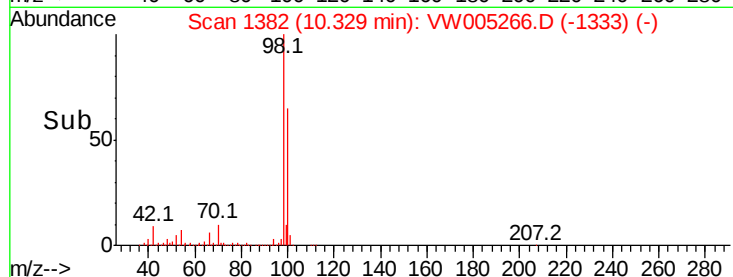
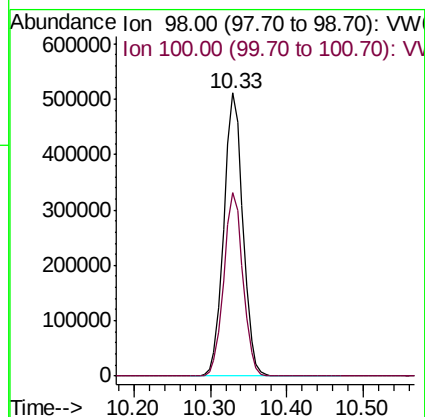
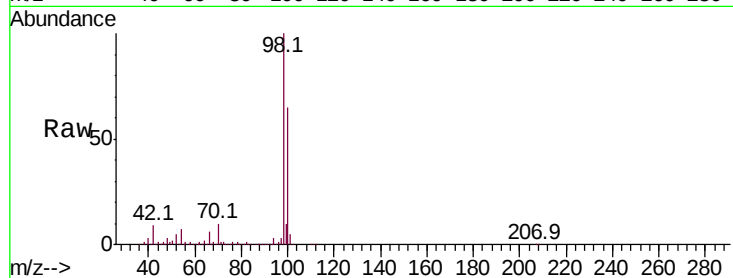
ClientSampleId :

Tot Ion: 98 Resp: 880796

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 47.993 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.00 min

Lab File: VW005266.D

Acq: 11 Sep 2018 11:03

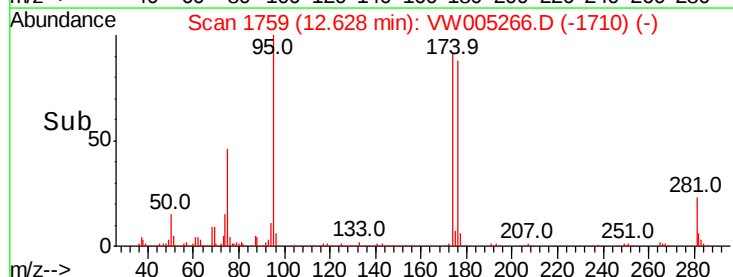
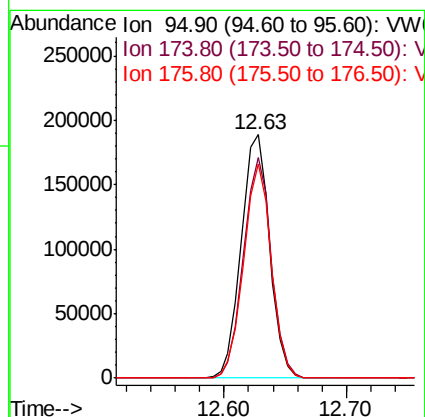
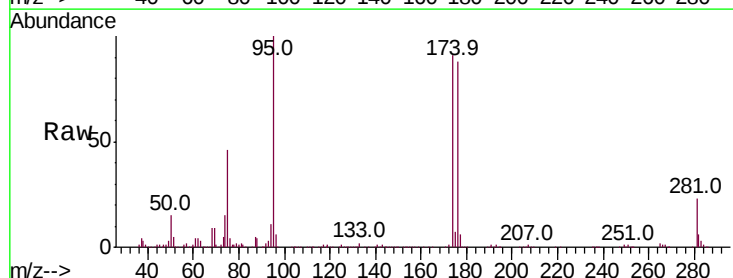
Tgt Ion: 95 Resp: 303261

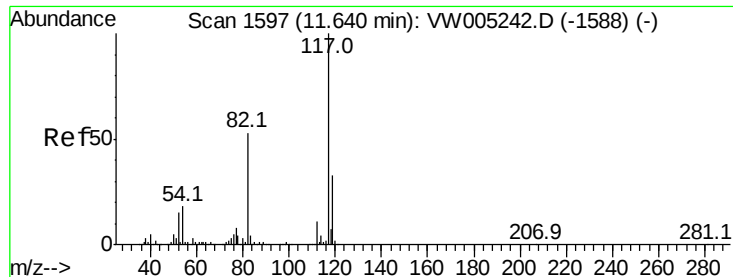
Ion Ratio Lower Upper

95 100

174 89.1 0.0 174.6

176 86.0 0.0 167.6

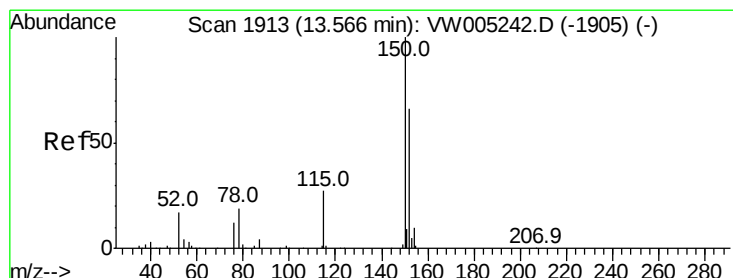
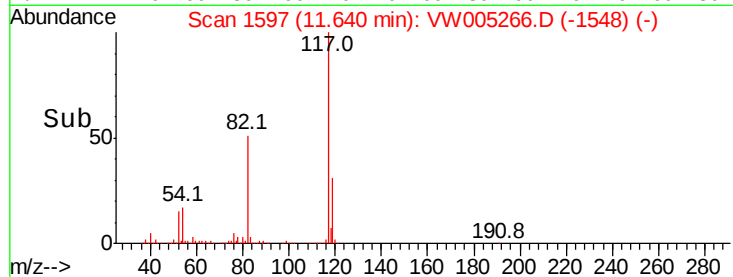
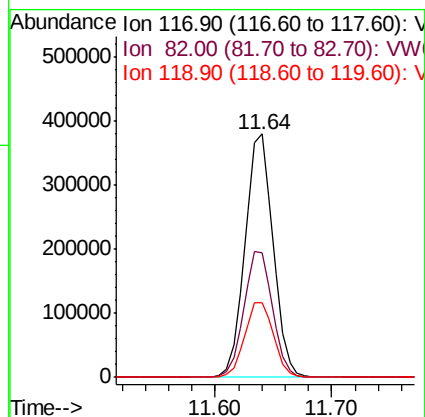
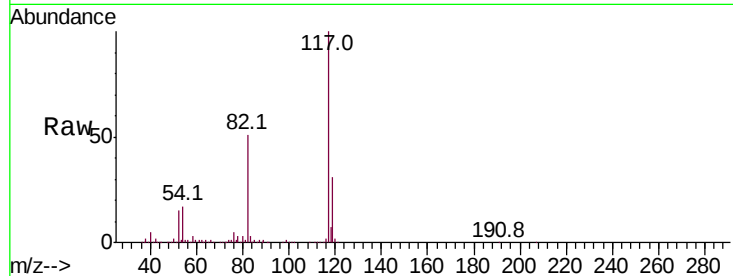




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VW005266.D
Acq: 11 Sep 2018 11:03

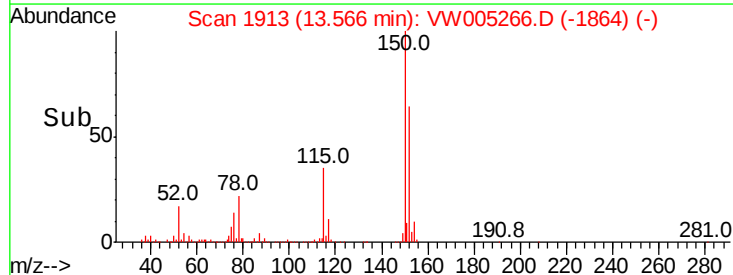
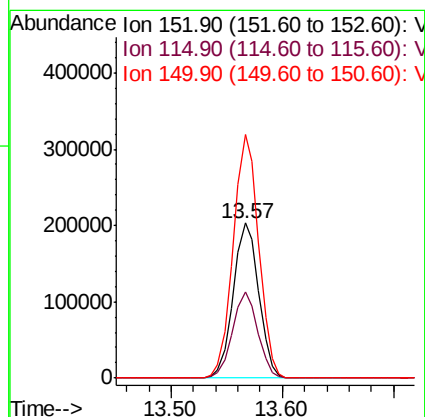
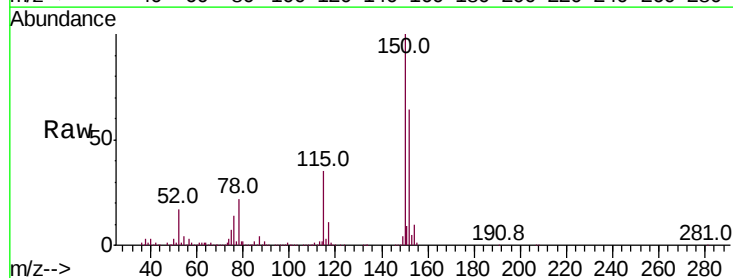
Instrument :
MSVOA_W
ClientSampled :

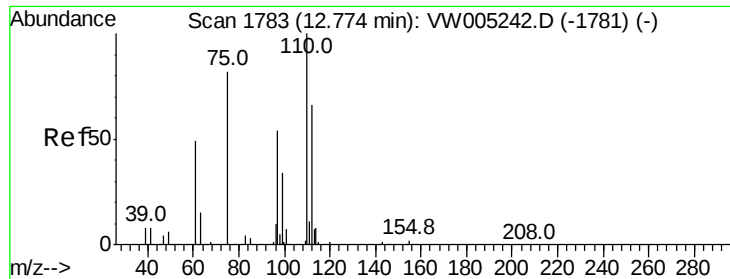
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.1	42.6	63.8
119	30.9	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW005266.D
Acq: 11 Sep 2018 11:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.0	27.5	82.4
150	156.7	0.0	347.4

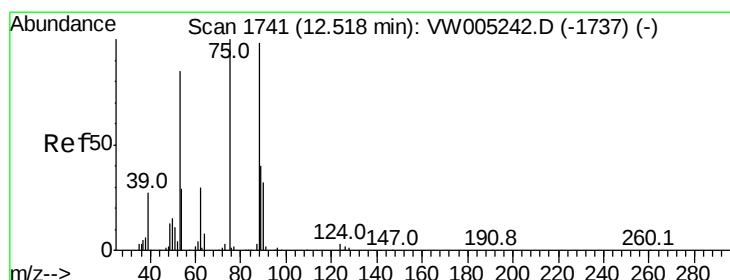
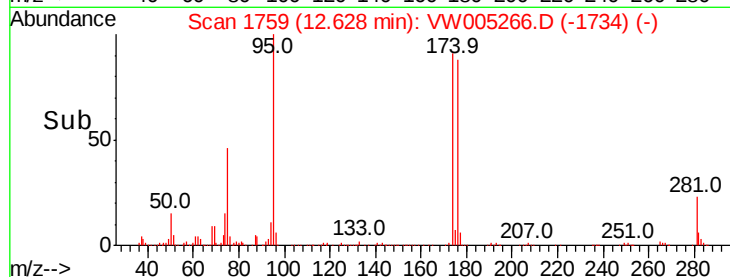
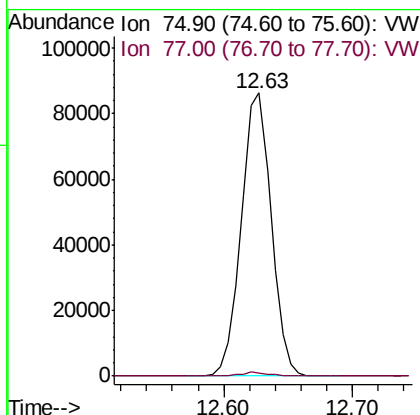
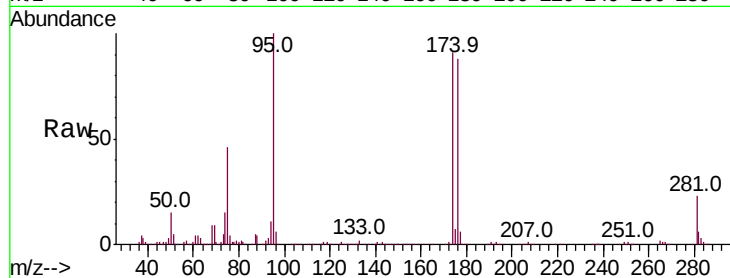




#76
 1,2,3-Trichloropropane
 Concen: 55.834 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. -0.15 min
 Lab File: VW005266.D
 Acq: 11 Sep 2018 11:03

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 138222
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 130.942 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. 0.11 min
 Lab File: VW005266.D
 Acq: 11 Sep 2018 11:03

Tgt Ion: 75 Resp: 138222
 Ion Ratio Lower Upper
 75 100
 53 0.2 67.0 100.6#
 89 0.0 37.0 55.4#

