

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091118\
 Data File : VW005270.D
 Acq On : 11 Sep 2018 12:54
 Operator : SY/AP
 Sample : J4809-01RE
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 11 13:21:43 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

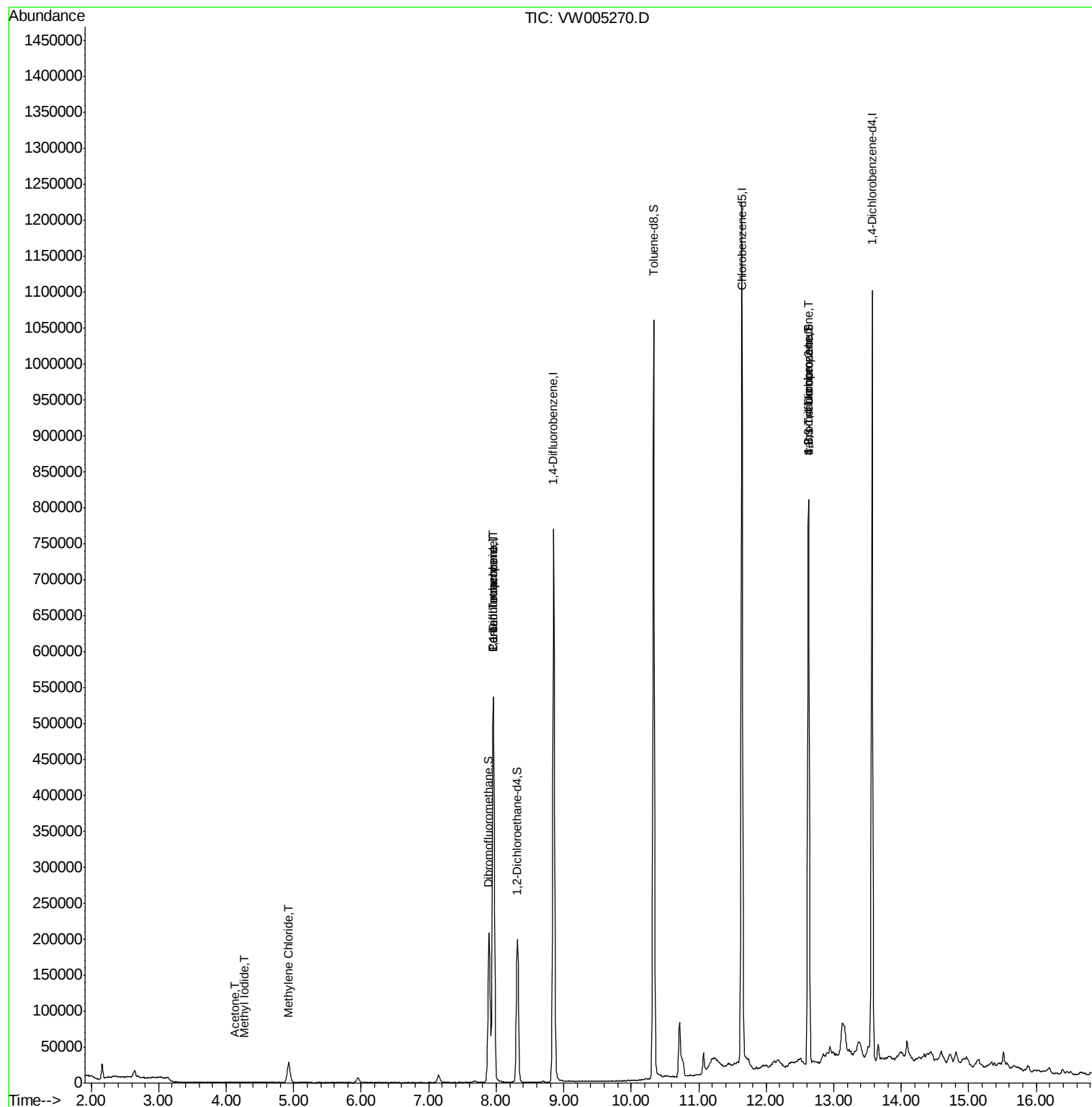
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	444239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	707620	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	718574	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	293999	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	156902	47.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.70%	
35) Dibromofluoromethane	7.89	113	152106	41.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.06%	
50) Toluene-d8	10.33	98	732826	39.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.24%	
62) 4-Bromofluorobenzene	12.63	95	259952	37.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.88%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.77	94	600	Below Cal	#	65
10) Methyl Iodide	4.27	142	371	3.400	ug/l #	71
16) Acetone	4.13	43	1582	2.572	ug/l #	72
20) Methylene Chloride	4.92	84	23921	2.077	ug/l	88
36) 1,1-Dichloropropene	7.96	75	27859	4.297	ug/l #	48
38) Carbon Tetrachloride	7.96	117	38519	6.343	ug/l #	17
76) 1,2,3-Trichloropropane	12.63	75	117842	52.113	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	117842	122.216	ug/l #	16

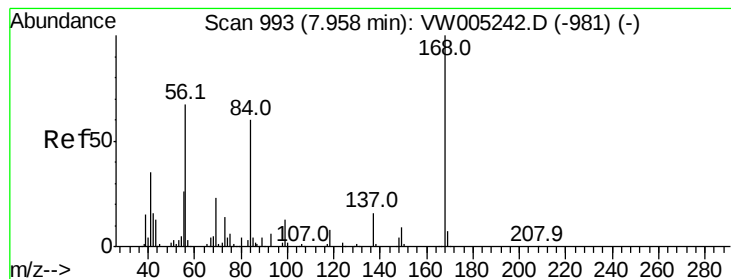
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091118\
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Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Sep 11 13:21:43 2018
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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: VW005270.D

Acq: 11 Sep 2018 12:54

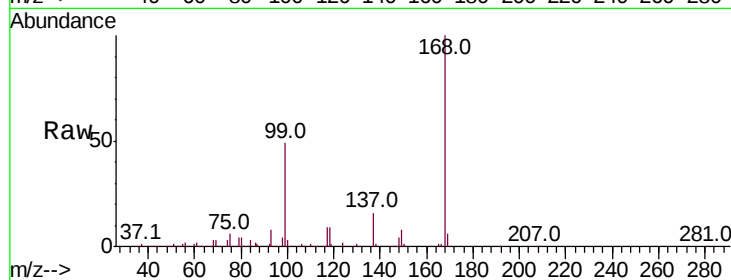
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 444239

Ion Ratio Lower Upper

168 100

99 48.7 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

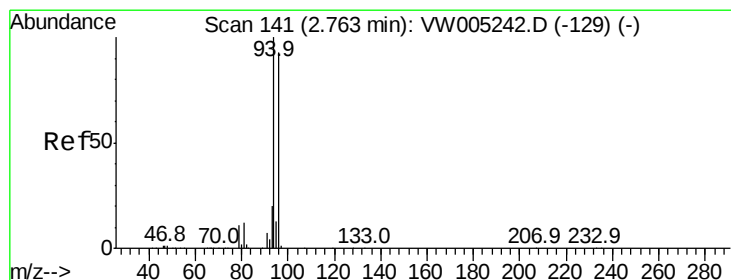
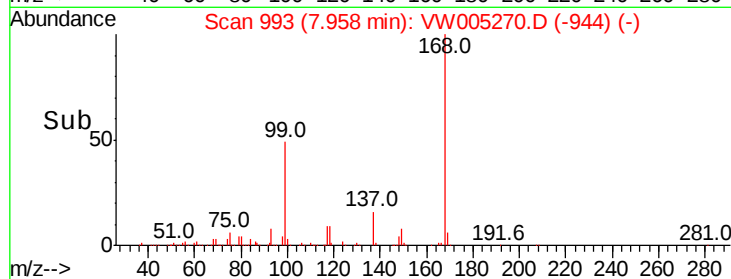
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 142

Delta R.T. 0.01 min

Lab File: VW005270.D

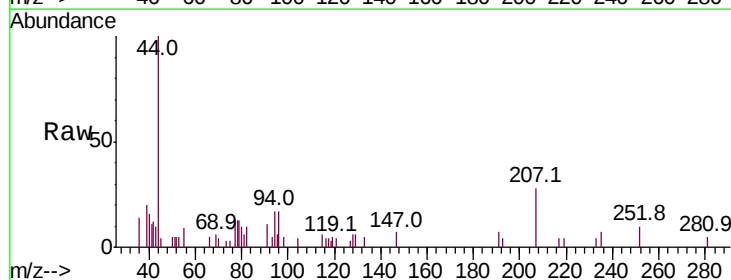
Acq: 11 Sep 2018 12:54

Tgt Ion: 94 Resp: 600

Ion Ratio Lower Upper

94 100

96 59.1 74.1 111.1#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.77

300

250

200

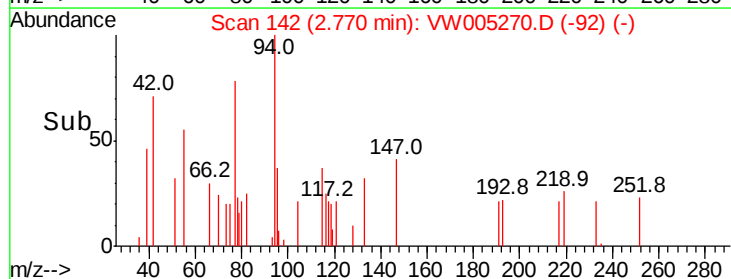
150

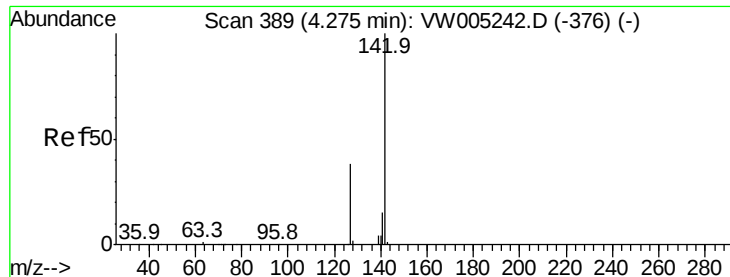
100

50

0

Time--> 2.75 2.80





#10

Methvl Iodide

Concen: 3.400 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW005270.D

Acq: 11 Sep 2018 12:54

Instrument :

MSVOA_W

ClientSampled :

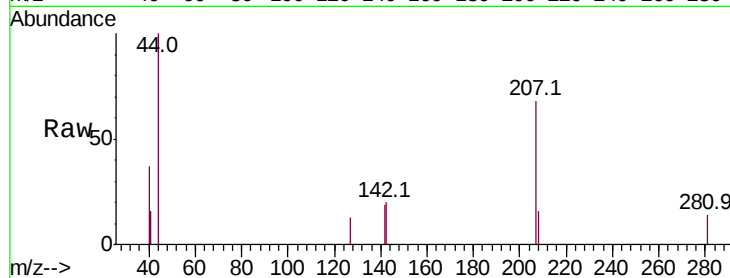
Tot Ion:142 Resp: 371

Ion Ratio Lower Upper

142 100

127 22.1 30.3 45.5#

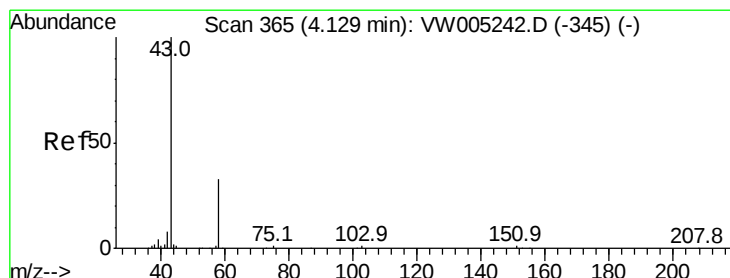
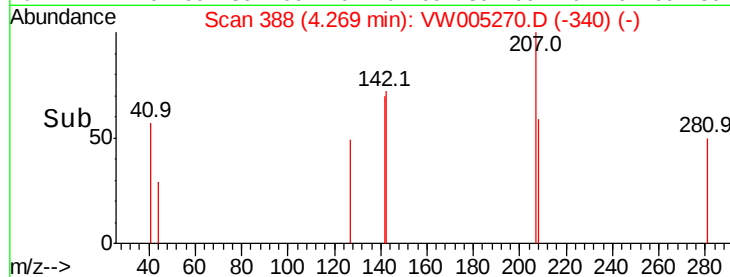
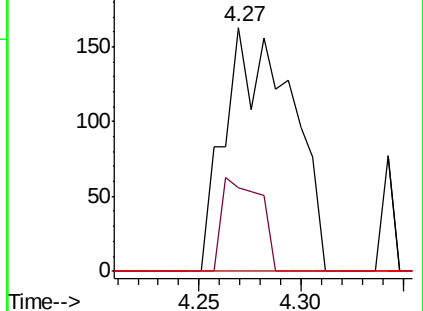
141 0.0 11.4 17.0#



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: 2.572 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW005270.D

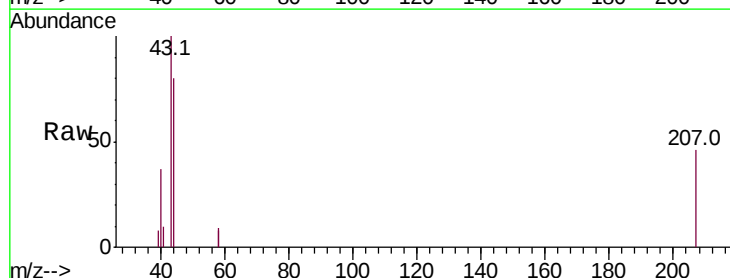
Acq: 11 Sep 2018 12:54

Tgt Ion: 43 Resp: 1582

Ion Ratio Lower Upper

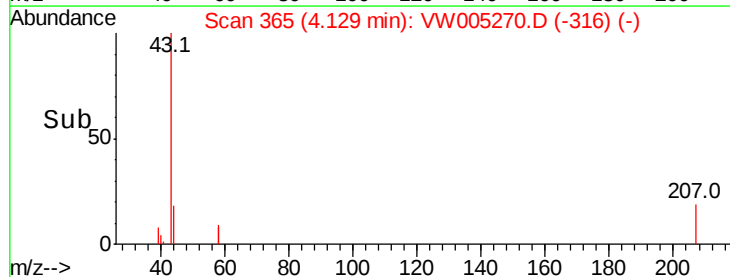
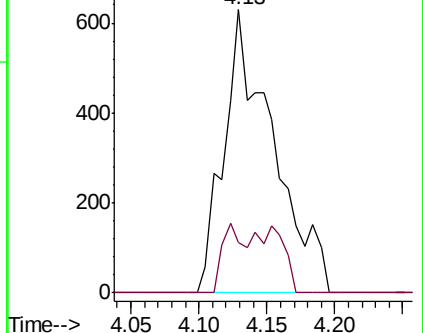
43 100

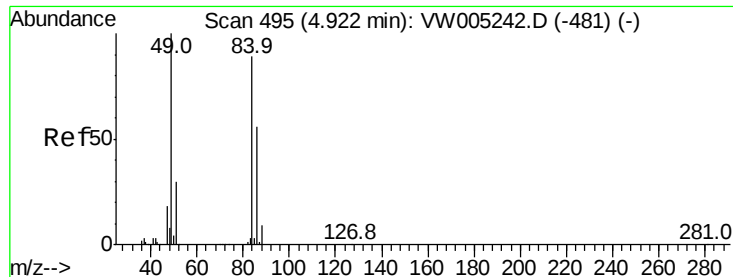
58 17.6 26.7 40.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

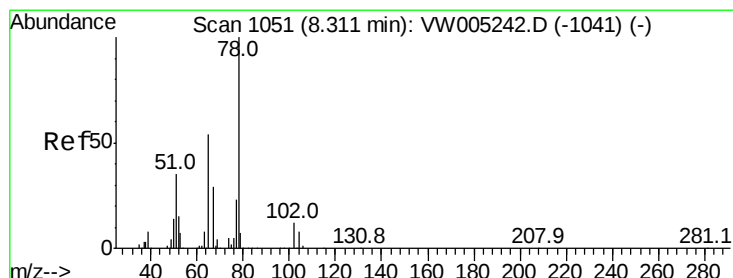
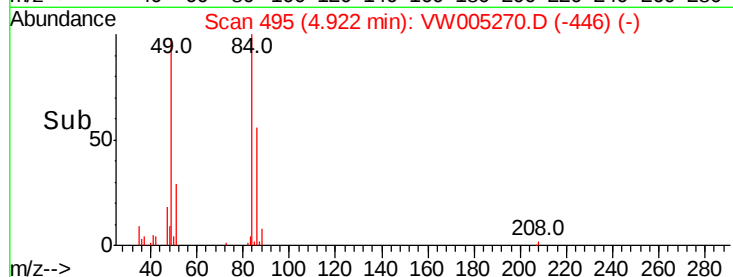
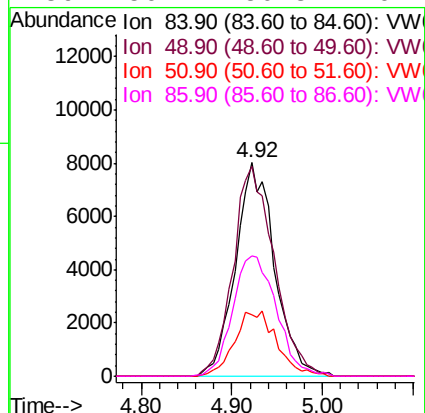
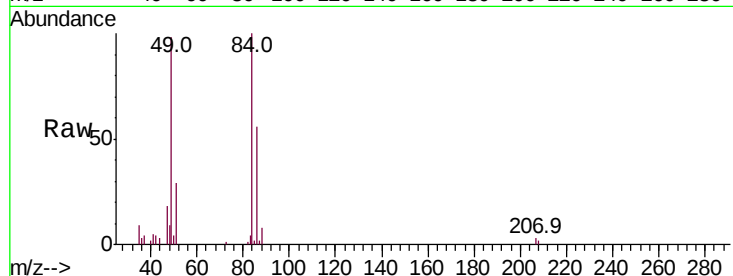




#20
Methylene Chloride
Concen: 2.077 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW005270.D
Acq: 11 Sep 2018 12:54

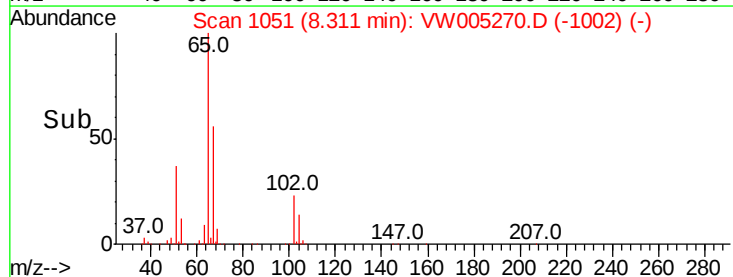
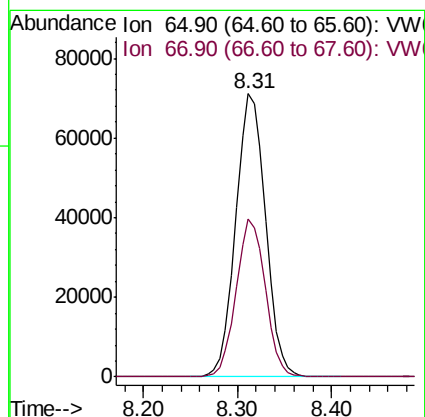
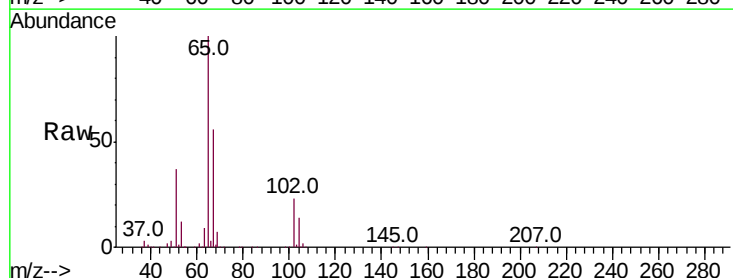
Instrument :
MSVOA_W
ClientSampled :

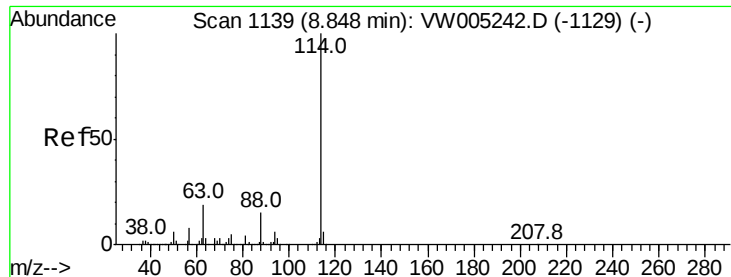
Tot Ion:	84	Resp:	23921
Ion	Ratio	Lower	Upper
84	100		
49	98.4	90.3	135.5
51	28.6	26.9	40.3
86	56.1	50.8	76.2



#33
1,2-Dichloroethane-d4
Concen: 47.354 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW005270.D
Acq: 11 Sep 2018 12:54

Tgt Ion:	65	Resp:	156902
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# 1140

Delta R.T. 0.01 min

Lab File: VW005270.D

Acq: 11 Sep 2018 12:54

Instrument :

MSVOA_W

ClientSampleId :

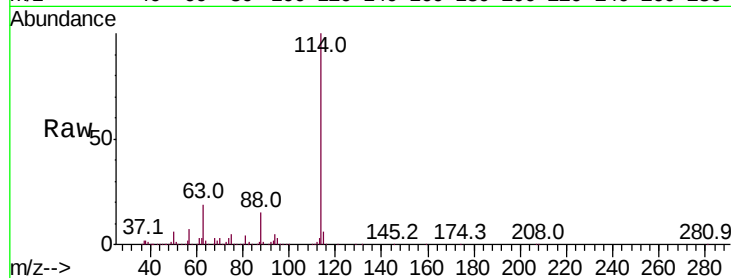
Tot Ion:114 Resp: 707620

Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.0

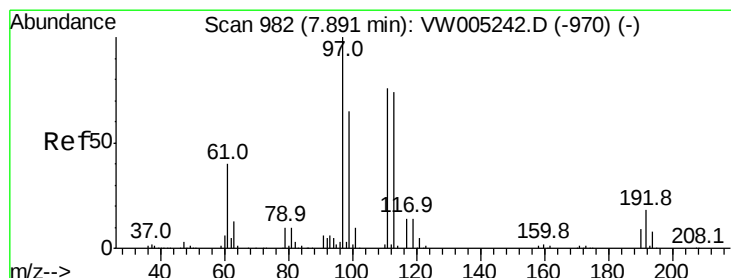
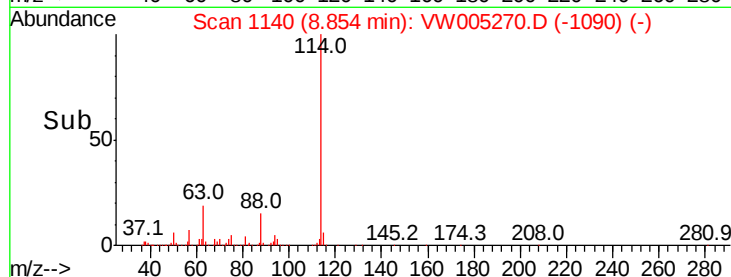
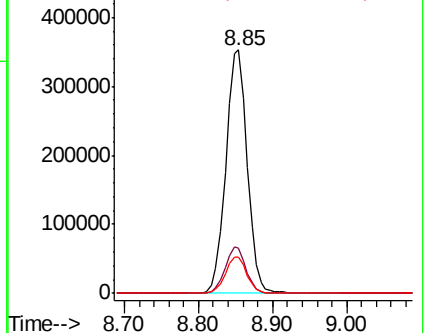
88 15.0 0.0 30.4



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: 41.035 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW005270.D

Acq: 11 Sep 2018 12:54

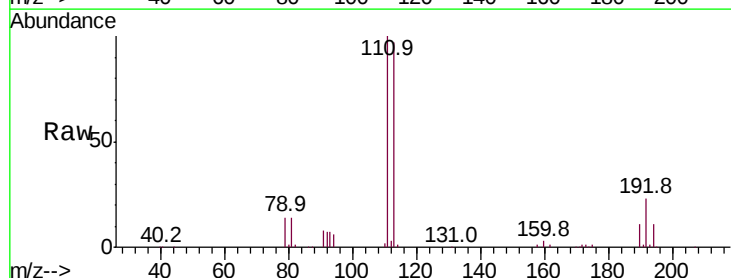
Tgt Ion:113 Resp: 152106

Ion Ratio Lower Upper

113 100

111 103.3 80.6 121.0

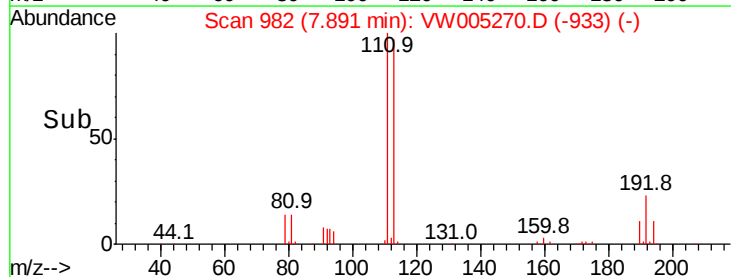
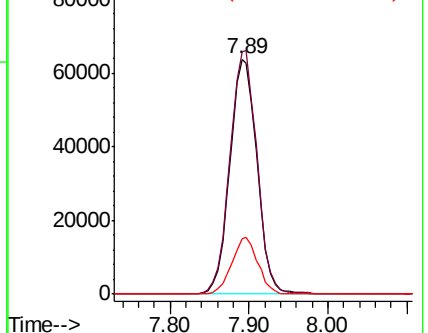
192 23.4 18.3 27.5

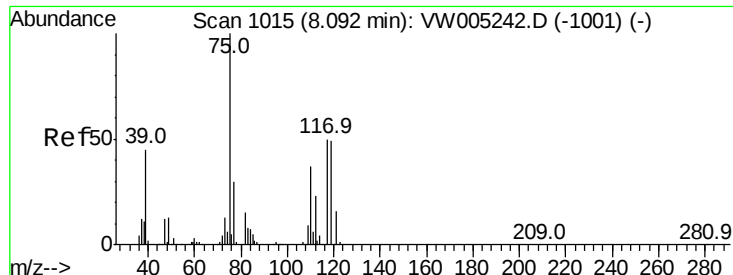


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

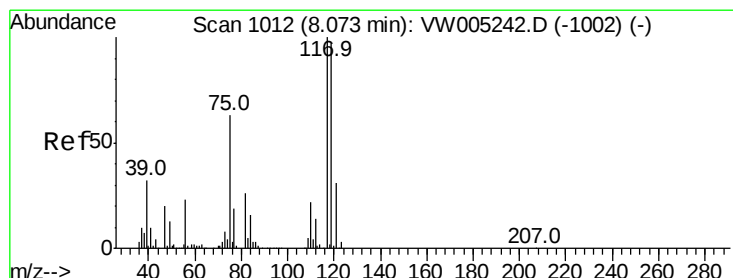
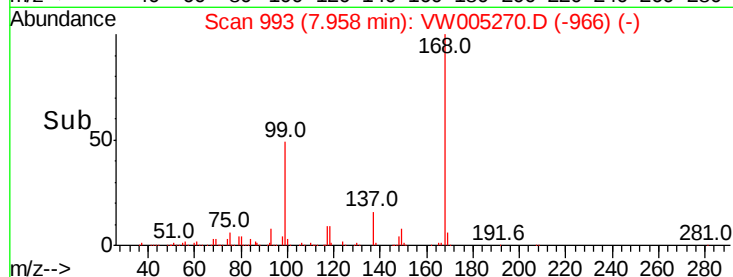
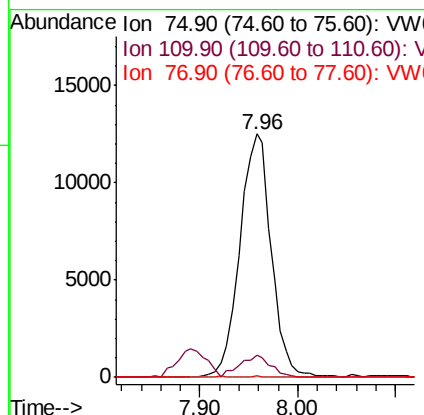
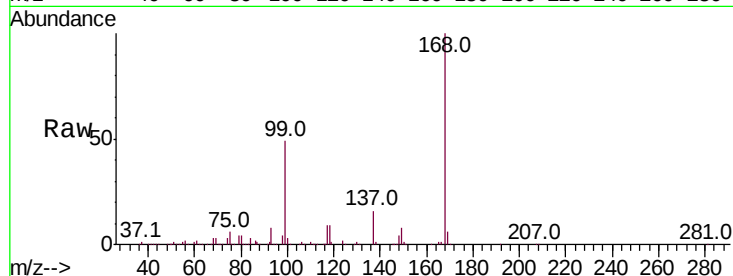




#36
 1,1-Dichloropropene
 Concen: 4.297 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VW005270.D
 Acq: 11 Sep 2018 12:54

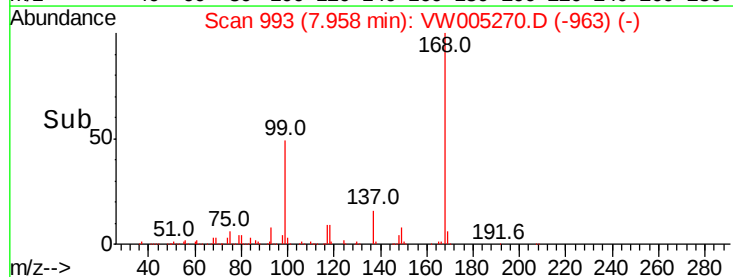
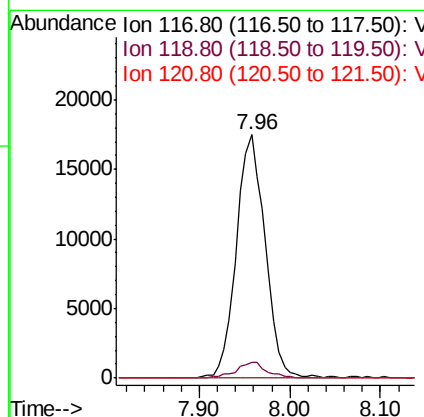
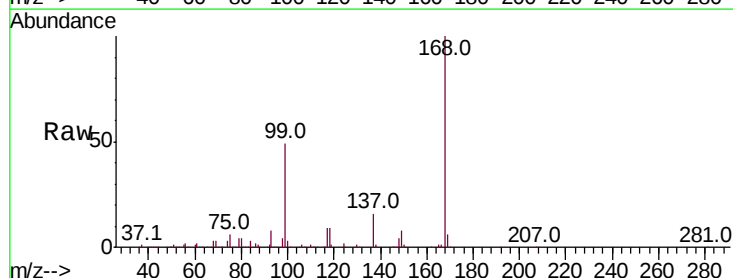
Instrument :
 MSVOA_W
 ClientSampleId :

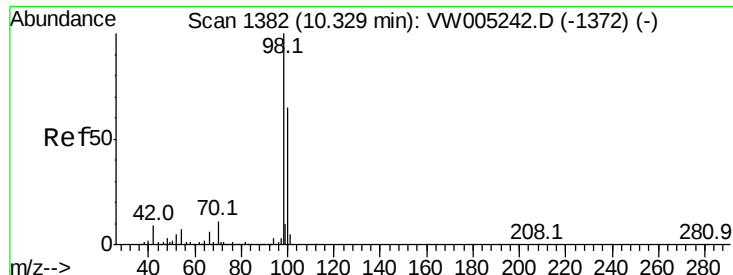
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.8	56.4#
77	0.1	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.343 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.12 min
 Lab File: VW005270.D
 Acq: 11 Sep 2018 12:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.5	77.5	116.3#
121	0.0	24.7	37.1#





#50

Toluene-d8

Concen: 39.124 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005270.D

Acq: 11 Sep 2018 12:54

Instrument :

MSVOA_W

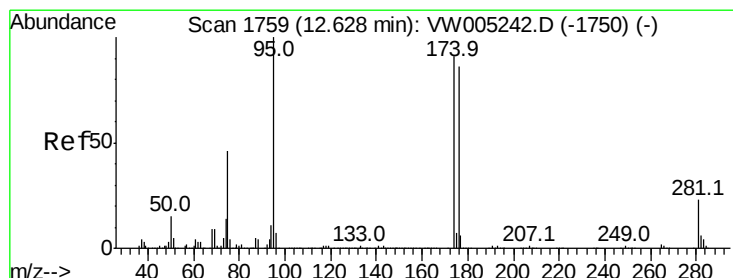
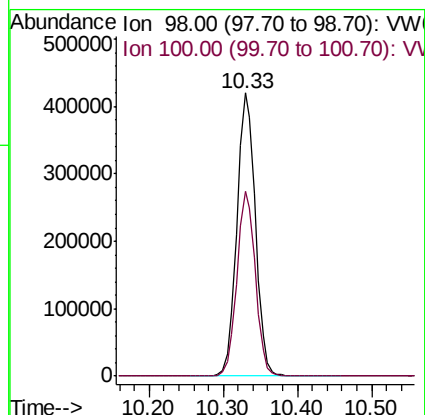
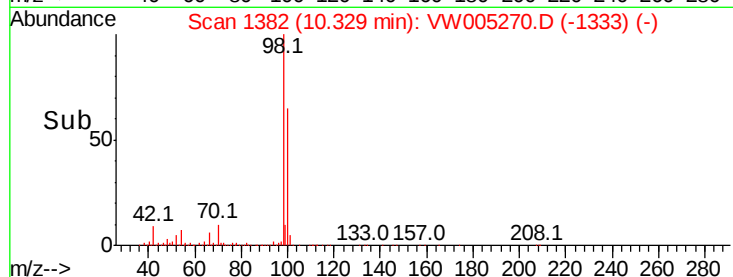
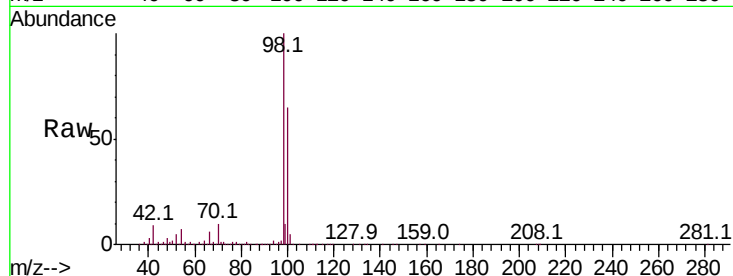
ClientSampleId :

Tot Ion: 98 Resp: 732826

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 37.942 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.00 min

Lab File: VW005270.D

Acq: 11 Sep 2018 12:54

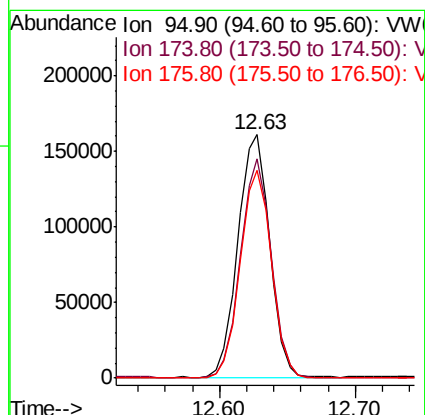
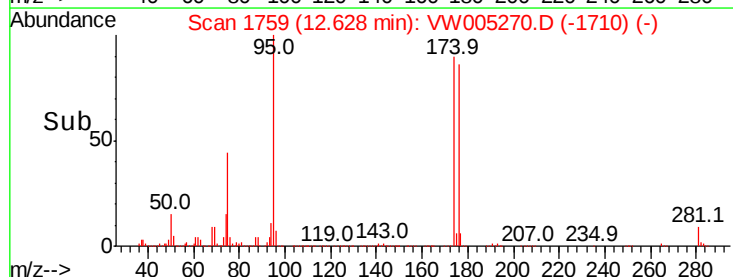
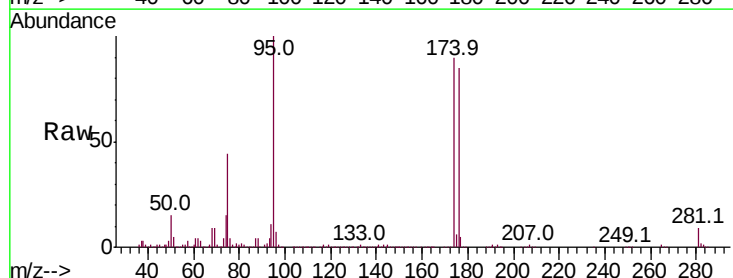
Tgt Ion: 95 Resp: 259952

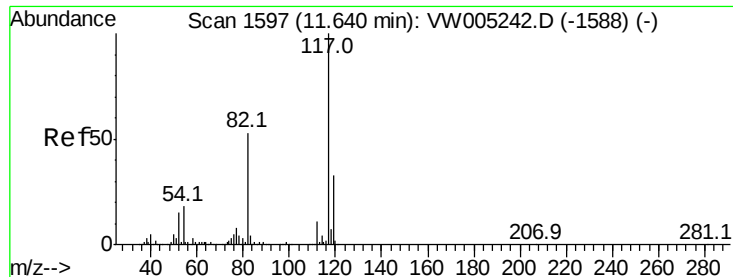
Ion Ratio Lower Upper

95 100

174 87.3 0.0 174.6

176 84.6 0.0 167.6

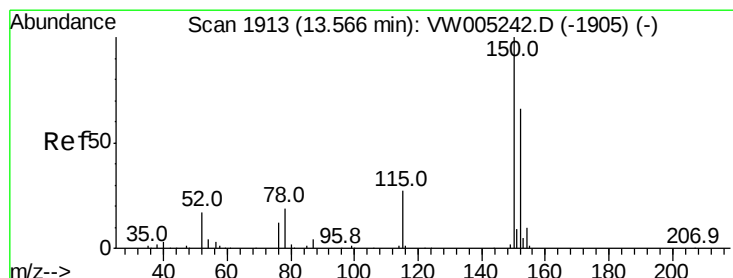
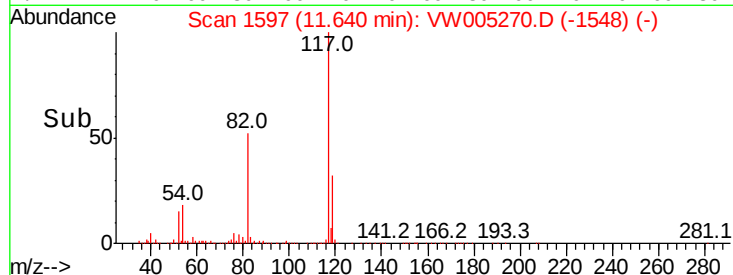
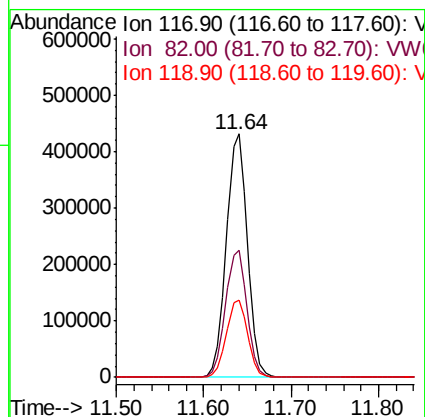
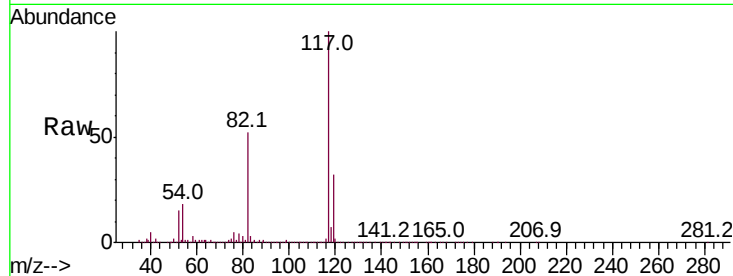




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VW005270.D
Acq: 11 Sep 2018 12:54

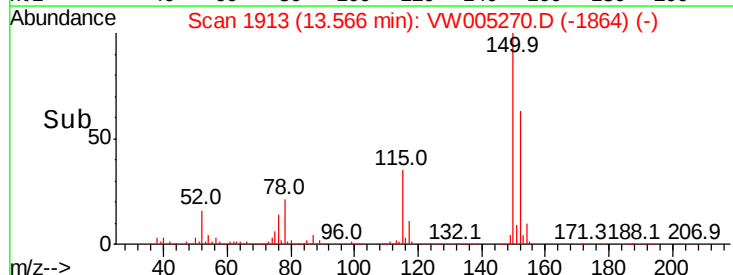
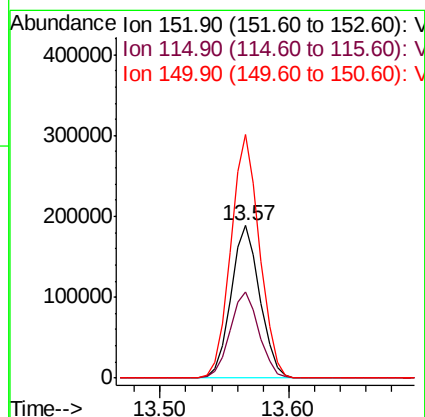
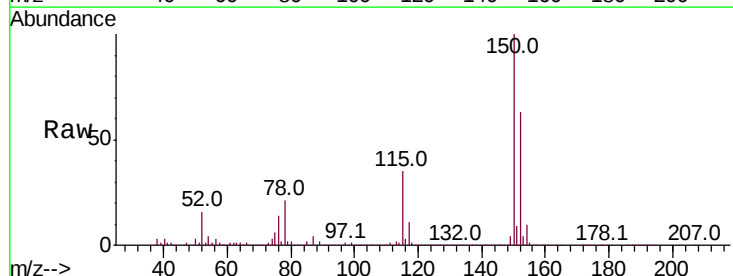
Instrument :
MSVOA_W
ClientSampleId :

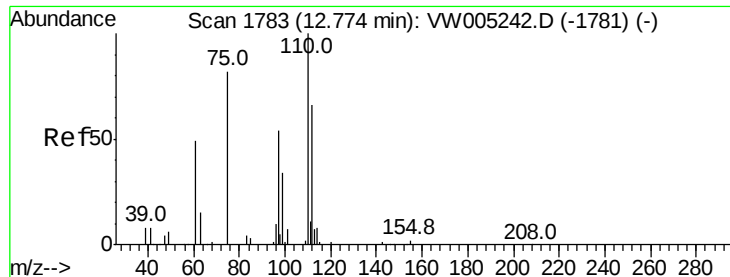
Tot Ion:117 Resp: 718574
Ion Ratio Lower Upper
117 100
82 52.5 42.6 63.8
119 31.9 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW005270.D
Acq: 11 Sep 2018 12:54

Tgt Ion:152 Resp: 293999
Ion Ratio Lower Upper
152 100
115 56.7 27.5 82.4
150 158.9 0.0 347.4

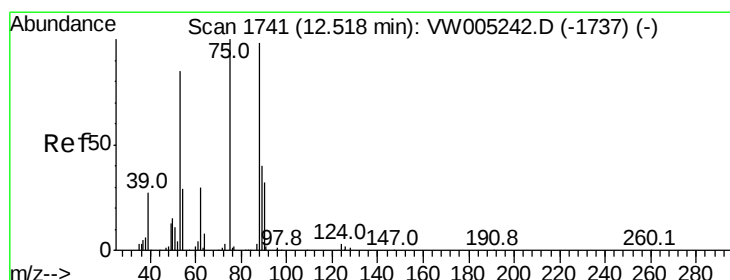
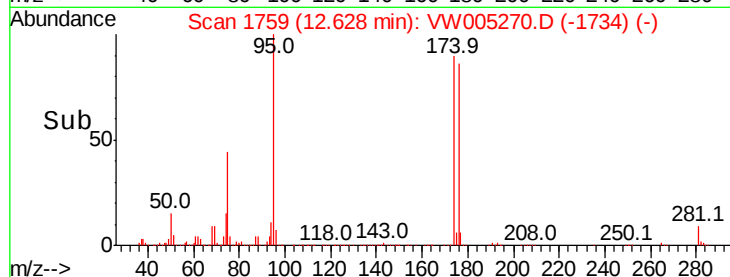
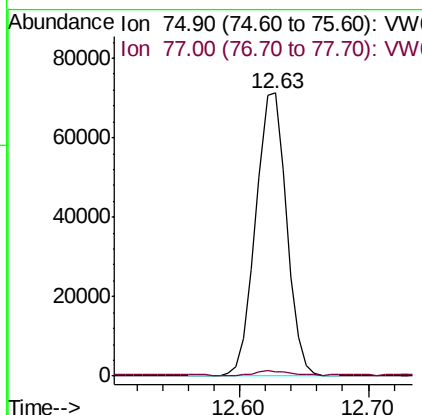
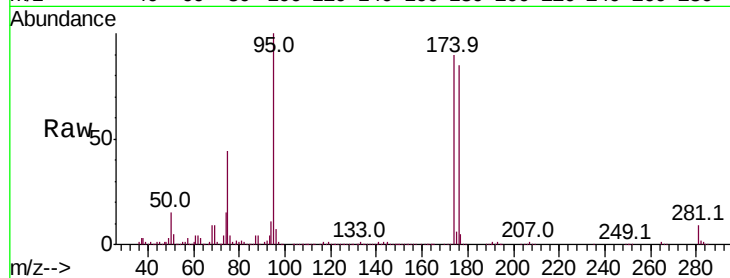




#76
 1,2,3-Trichloropropane
 Concen: 52.113 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. -0.15 min
 Lab File: VW005270.D
 Acq: 11 Sep 2018 12:54

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 117842
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 122.216 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. 0.11 min
 Lab File: VW005270.D
 Acq: 11 Sep 2018 12:54

Tgt Ion: 75 Resp: 117842
 Ion Ratio Lower Upper
 75 100
 53 0.2 67.0 100.6#
 89 0.3 37.0 55.4#

