

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090718\
 Data File : VW005207.D
 Acq On : 07 Sep 2018 14:25
 Operator : SY/AP
 Sample : J4781-01RE
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 07 15:33:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	522630	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	809244	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	750940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	347806	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	181260	41.84	ug/l	0.00
Spiked Amount			Recovery	=	83.68%	
35) Dibromofluoromethane	7.89	113	169926	36.34	ug/l	0.00
Spiked Amount			Recovery	=	72.68%	
50) Toluene-d8	10.33	98	746272	34.63	ug/l	0.00
Spiked Amount			Recovery	=	69.26%	
62) 4-Bromofluorobenzene	12.63	95	249689	32.86	ug/l	0.00
Spiked Amount			Recovery	=	65.72%	

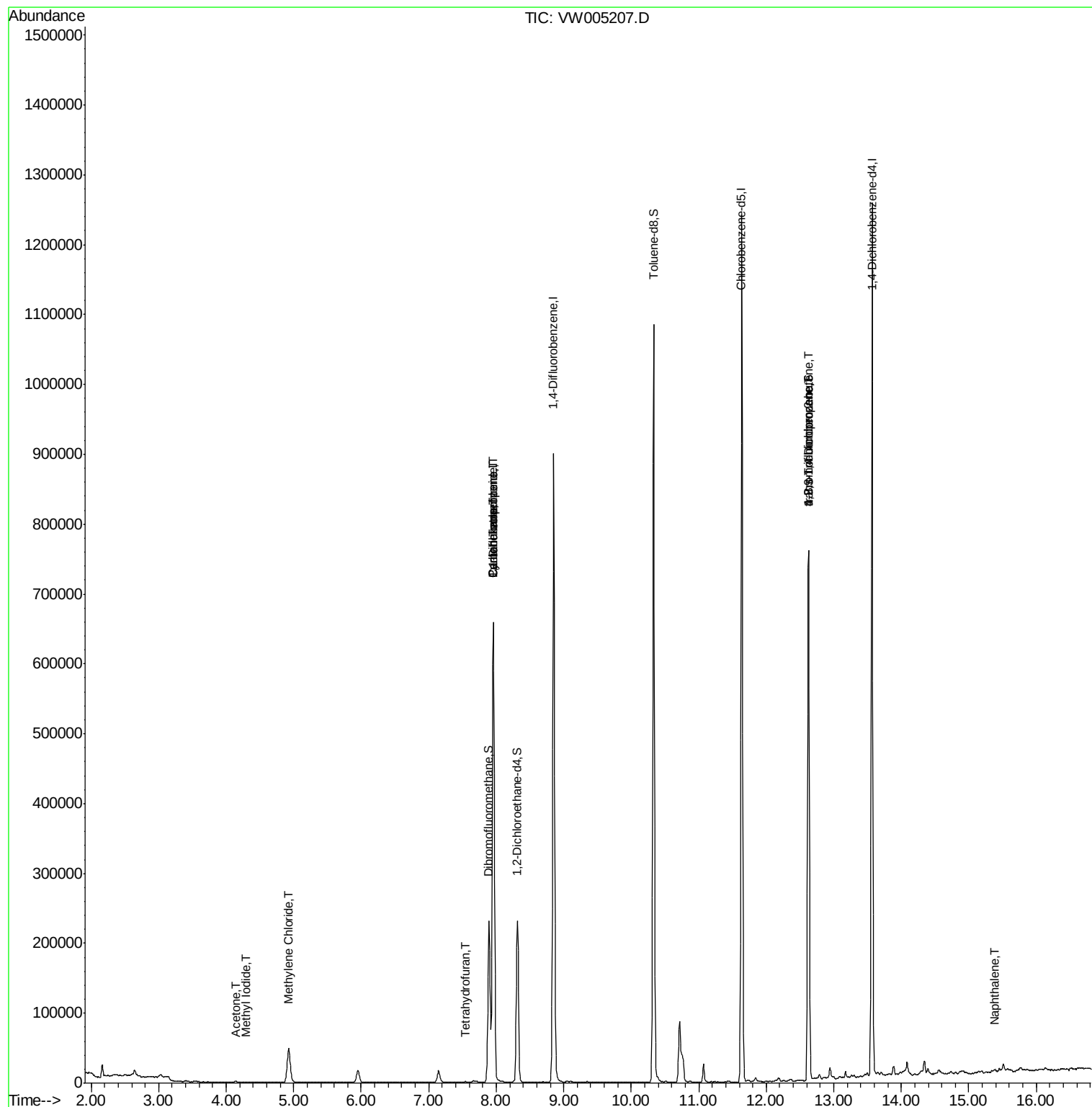
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.77	94	731	Below Cal	#	53
10) Methyl Iodide	4.29	142	495	3.885	ug/l #	73
11) Tert butyl alcohol	5.20	59	66	Below Cal	#	72
16) Acetone	4.14	43	2263	2.605	ug/l	92
20) Methylene Chloride	4.93	84	40982	3.350	ug/l	98
29) Tetrahydrofuran	7.54	42	772	1.003	ug/l	92
31) Cyclohexane	7.96	56	9373	1.102	ug/l #	1
36) 1,1-Dichloropropene	7.96	75	35535	4.611	ug/l #	47
38) Carbon Tetrachloride	7.96	117	46968	6.409	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	117309	44.934	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	117309	108.151	ug/l #	15
95) Naphthalene	15.38	128	2380	4.154	ug/l #	92

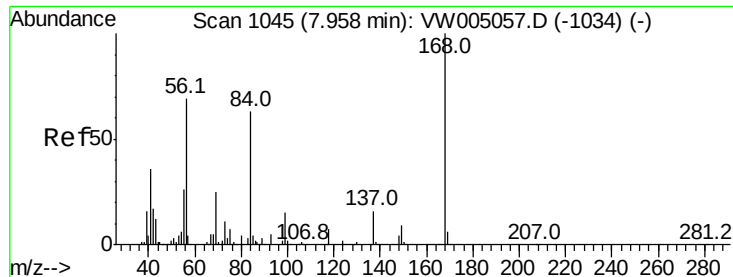
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090718\
Data File : VW005207.D
Acq On : 07 Sep 2018 14:25
Operator : SY/AP
Sample : J4781-01RE
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Sep 07 15:33:23 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 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: VW005207.D

Acq: 07 Sep 2018 14:25

Instrument :

MSVOA_W

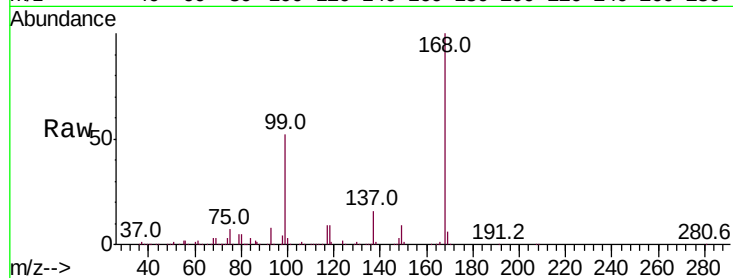
ClientSampled :

Tot Ion:168 Resp: 522630

Ion Ratio Lower Upper

168 100

99 51.8 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

250000

200000

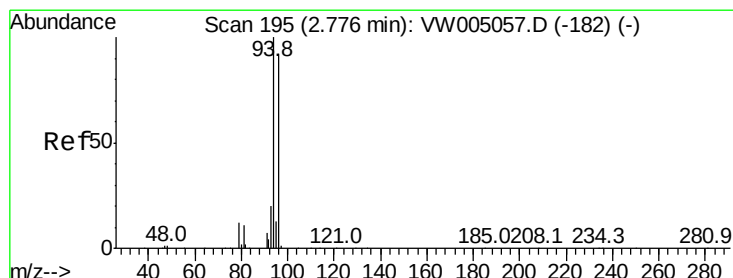
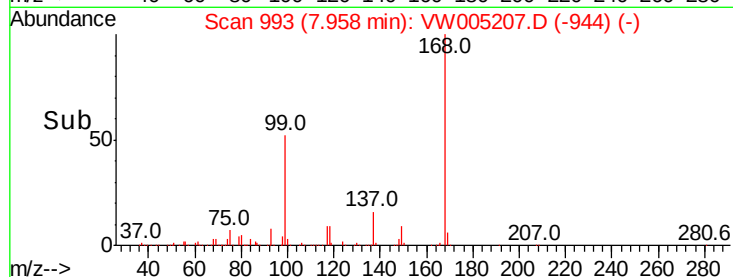
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW005207.D

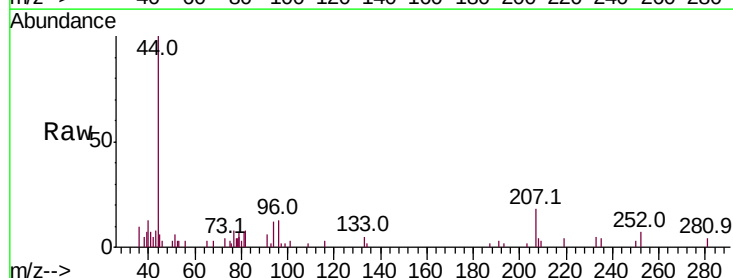
Acq: 07 Sep 2018 14:25

Tgt Ion: 94 Resp: 731

Ion Ratio Lower Upper

94 100

96 47.2 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.77

400

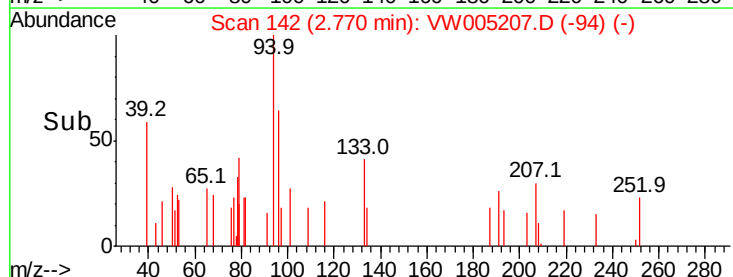
300

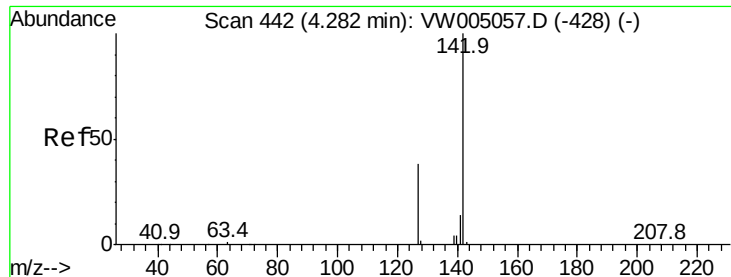
200

100

0

Time-->

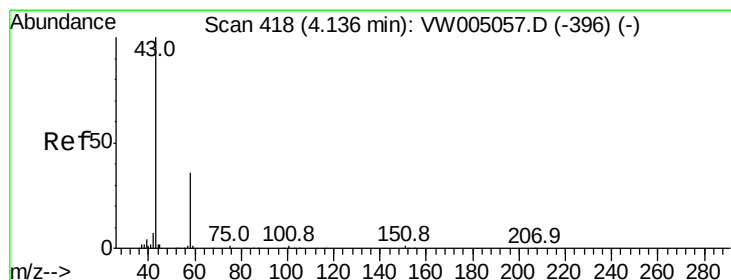
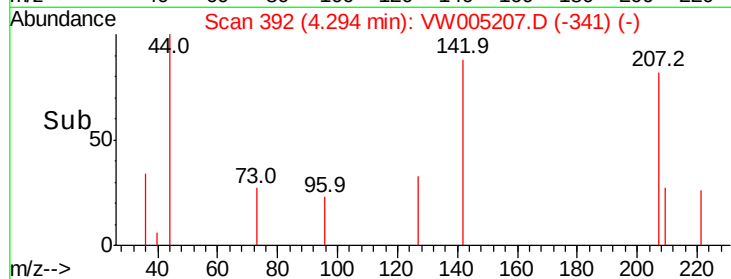
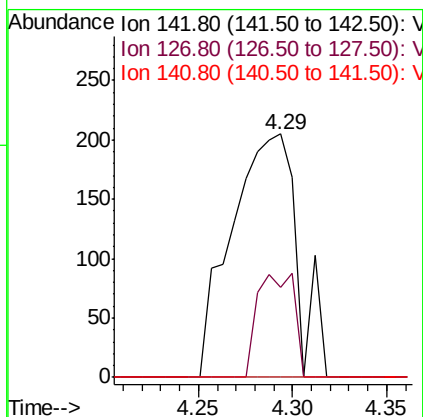
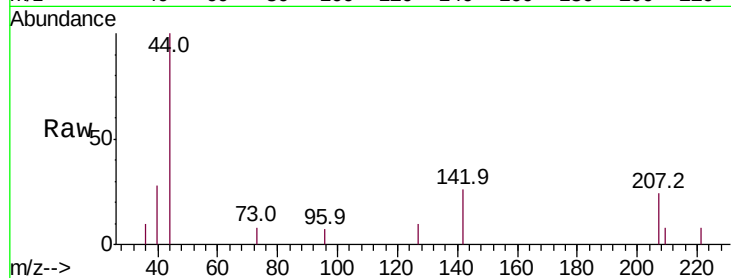




#10
Methvl Iodide
Concen: 3.885 ug/l
RT: 4.29 min Scan# 392
Delta R.T. 0.01 min
Lab File: VW005207.D
Acq: 07 Sep 2018 14:25

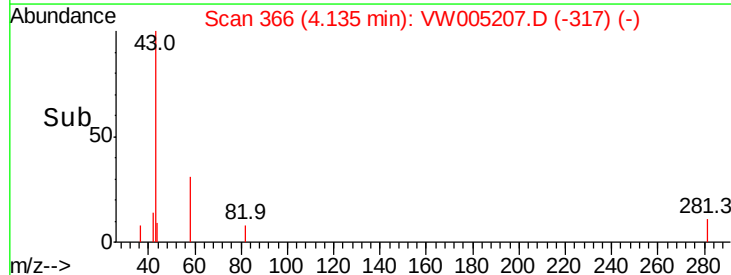
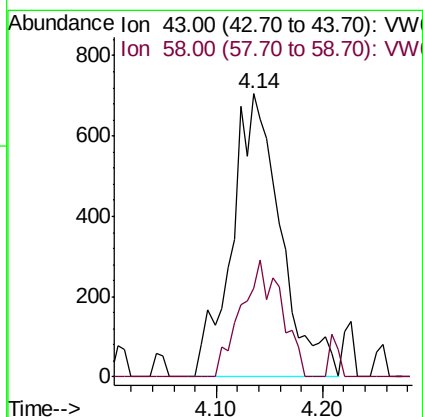
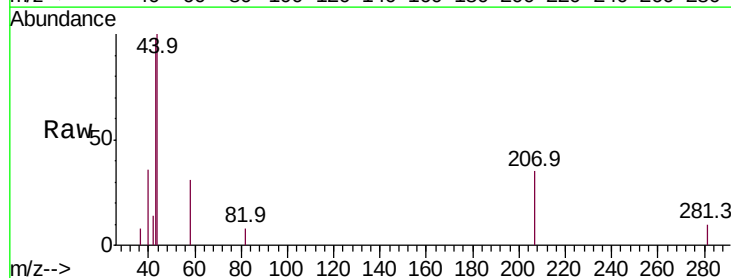
Instrument :
MSVOA_W
ClientSampled :

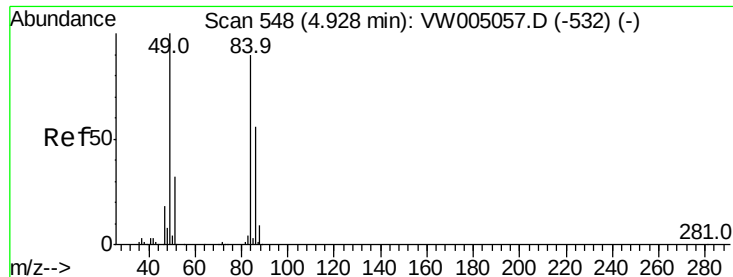
Tot Ion:142 Resp: 495
Ion Ratio Lower Upper
142 100
127 23.8 30.8 46.2#
141 0.0 11.6 17.4#



#16
Acetone
Concen: 2.605 ug/l
RT: 4.14 min Scan# 366
Delta R.T. -0.00 min
Lab File: VW005207.D
Acq: 07 Sep 2018 14:25

Tgt Ion: 43 Resp: 2263
Ion Ratio Lower Upper
43 100
58 31.3 29.0 43.6

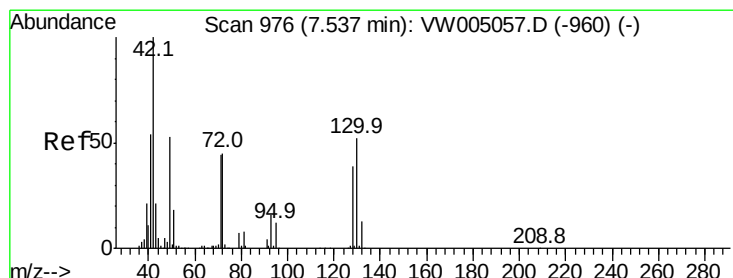
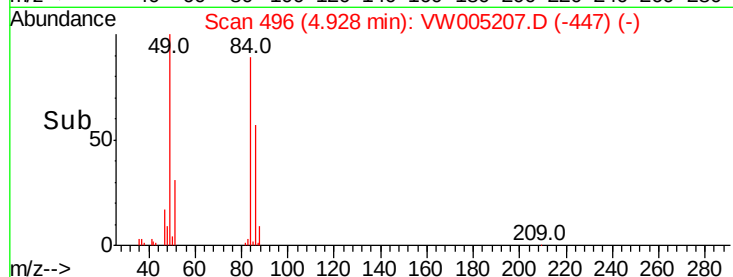
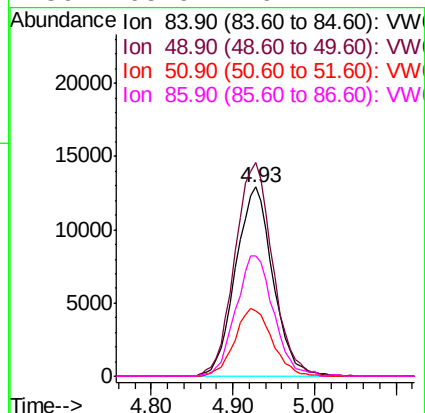
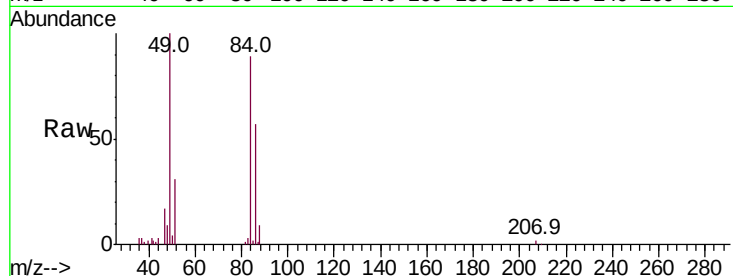




#20
Methylene Chloride
Concen: 3.350 ug/l
RT: 4.93 min Scan# 496
Delta R.T. -0.00 min
Lab File: VW005207.D
Acq: 07 Sep 2018 14:25

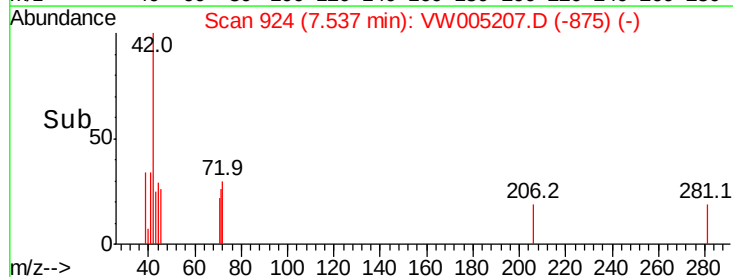
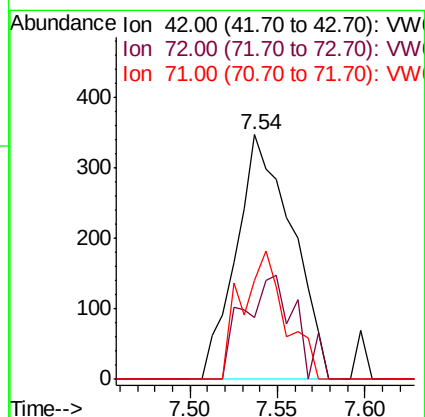
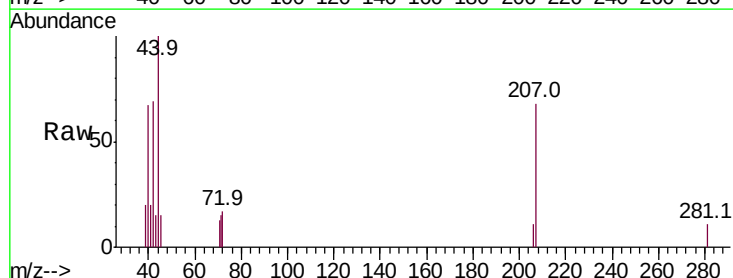
Instrument :
MSVOA_W
ClientSampled :

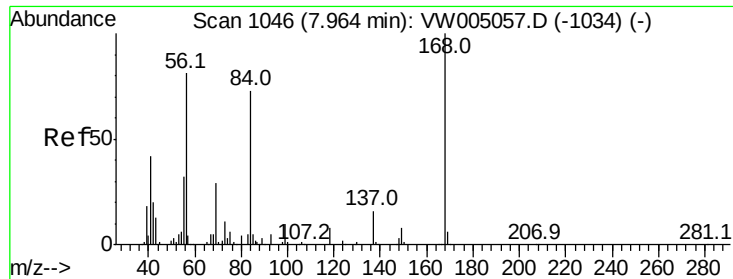
Tot Ion:	84	Resp:	40982
Ion	Ratio	Lower	Upper
84	100		
49	112.9	88.7	133.1
51	34.6	28.6	42.8
86	63.9	49.4	74.2



#29
Tetrahydrofuran
Concen: 1.003 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005207.D
Acq: 07 Sep 2018 14:25

Tgt Ion:	42	Resp:	772
Ion	Ratio	Lower	Upper
42	100		
72	39.1	37.0	55.4
71	40.9	35.0	52.6

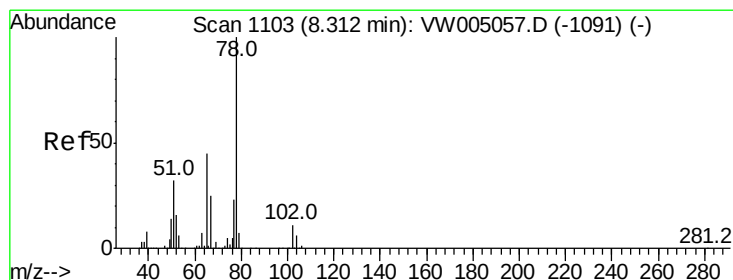
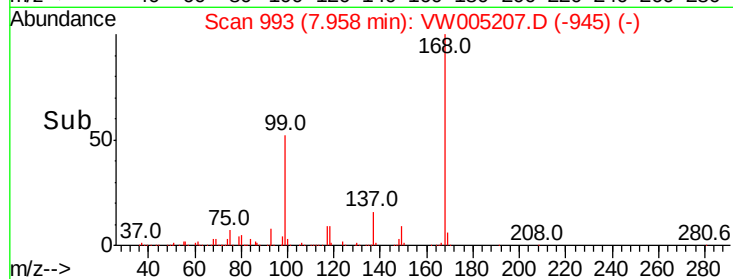
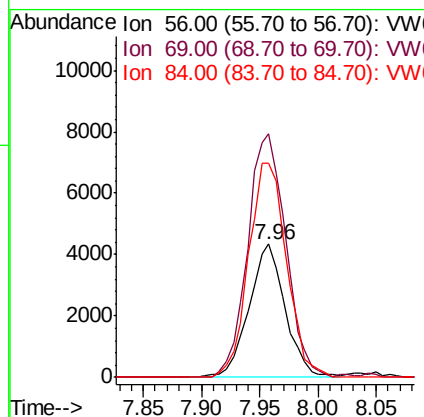
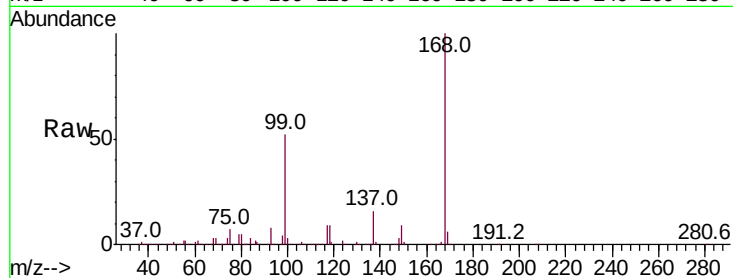




#31
Cyclohexane
Concen: 1.102 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.01 min
Lab File: VW005207.D
Acq: 07 Sep 2018 14:25

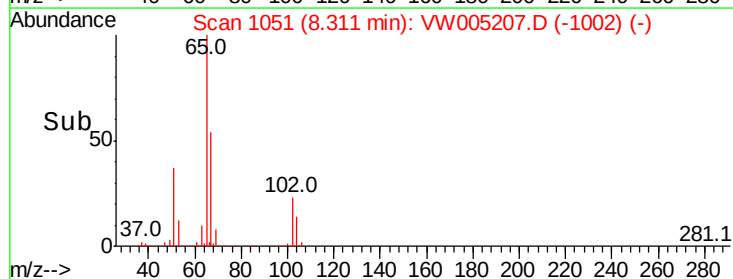
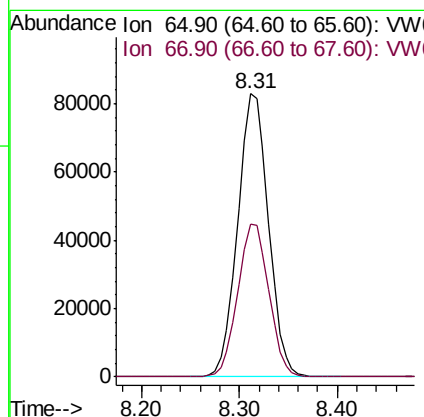
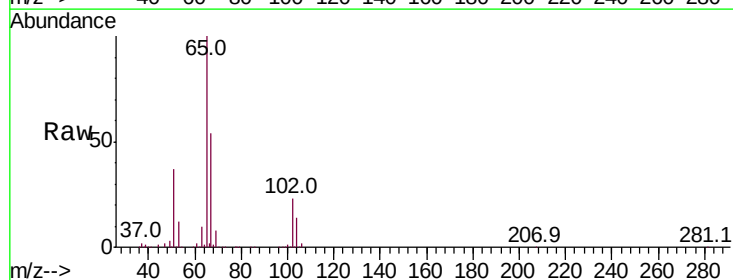
Instrument :
MSVOA_W
ClientSampled :

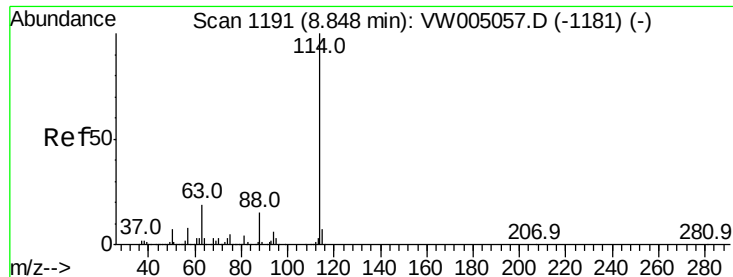
Tot Ion: 56 Resp: 9373
Ion Ratio Lower Upper
56 100
69 183.2 28.2 42.2#
84 161.1 71.8 107.8#



#33
1,2-Dichloroethane-d4
Concen: 41.839 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW005207.D
Acq: 07 Sep 2018 14:25

Tgt Ion: 65 Resp: 181260
Ion Ratio Lower Upper
65 100
67 54.9 0.0 109.4

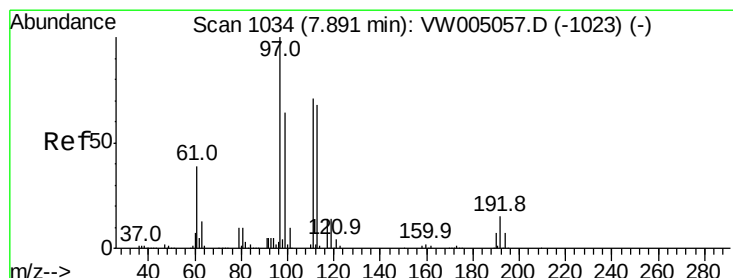
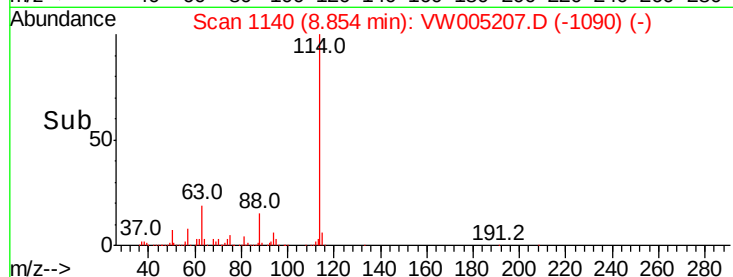
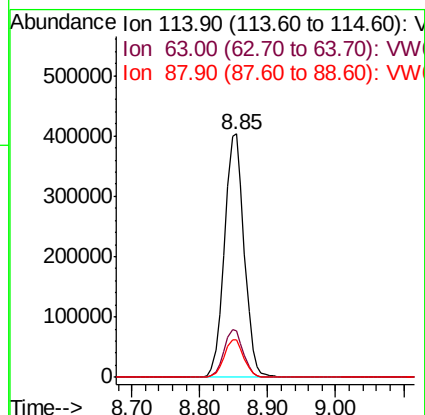
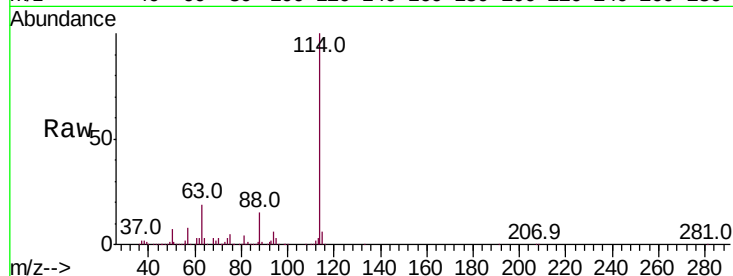




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1140
Delta R.T. 0.01 min
Lab File: VW005207.D
Acq: 07 Sep 2018 14:25

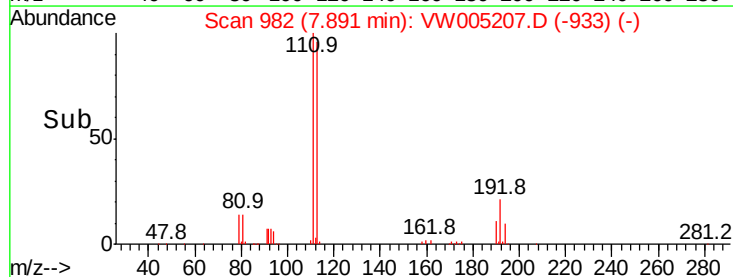
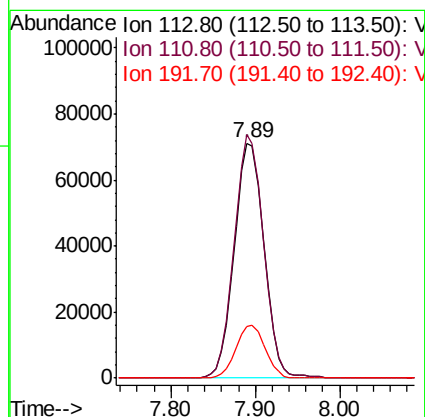
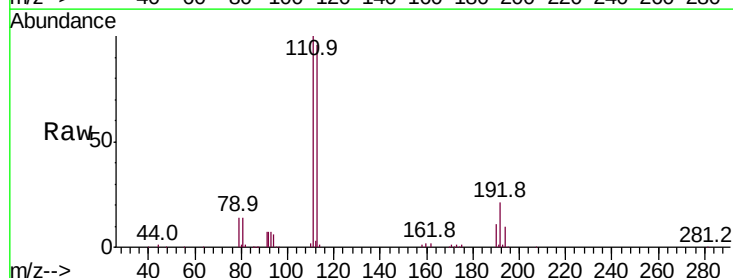
Instrument :
MSVOA_W
ClientSampled :

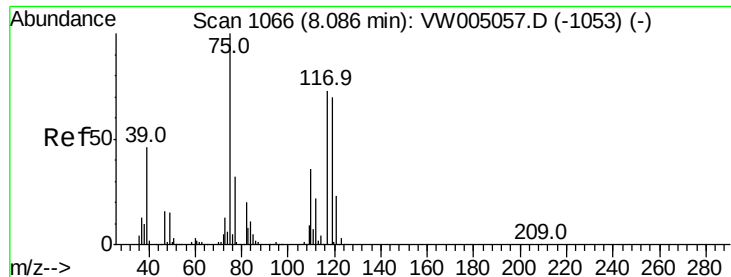
Tot Ion:114 Resp: 809244
Ion Ratio Lower Upper
114 100
63 19.2 0.0 38.0
88 15.3 0.0 30.2



#35
Dibromofluoromethane
Concen: 36.336 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW005207.D
Acq: 07 Sep 2018 14:25

Tgt Ion:113 Resp: 169926
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 22.1 18.1 27.1

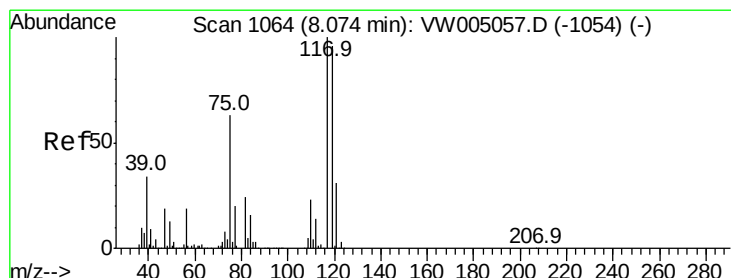
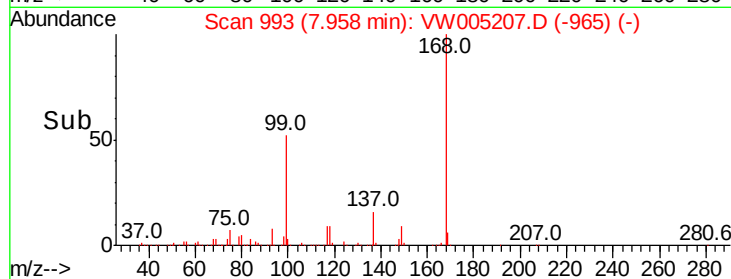
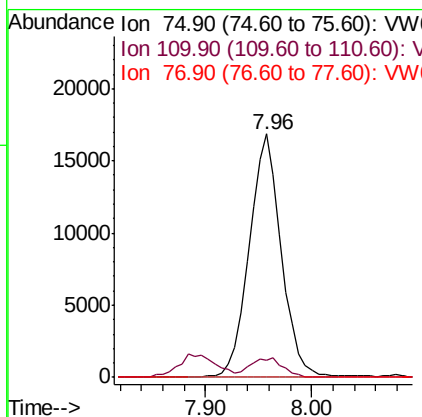
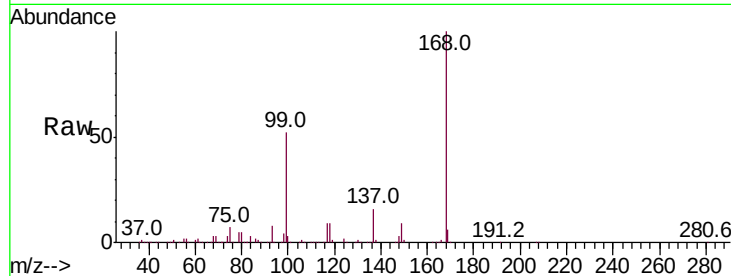




#36
 1,1-Dichloropropene
 Concen: 4.611 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VW005207.D
 Acq: 07 Sep 2018 14:25

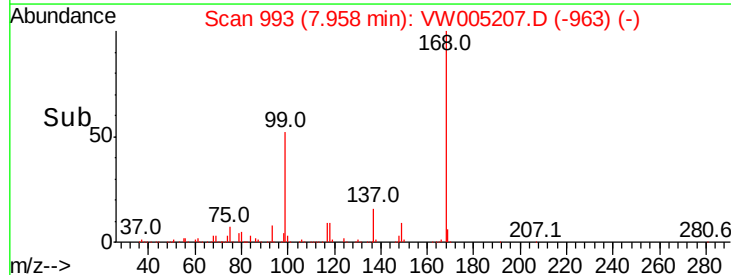
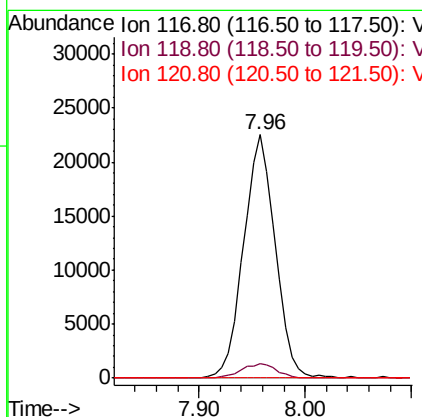
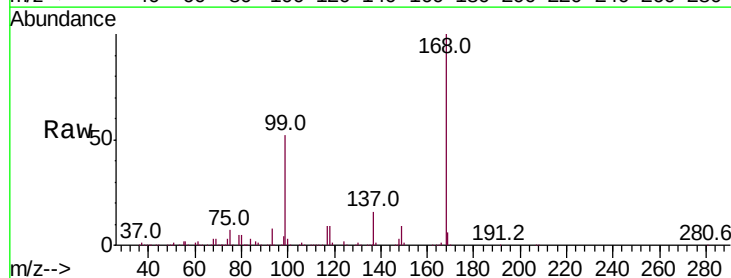
Instrument :
 MSVOA_W
 ClientSampled :

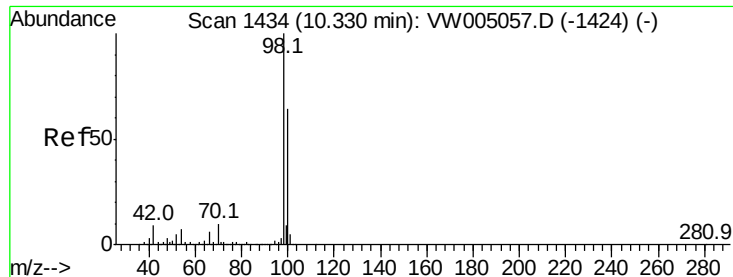
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.3	18.9	56.7#
77	0.0	25.5	38.3#



#38
 Carbon Tetrachloride
 Concen: 6.409 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.12 min
 Lab File: VW005207.D
 Acq: 07 Sep 2018 14:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.1	76.6	115.0#
121	0.0	24.8	37.2#





#50

Toluene-d8

Concen: 34.632 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005207.D

Acq: 07 Sep 2018 14:25

Instrument :

MSVOA_W

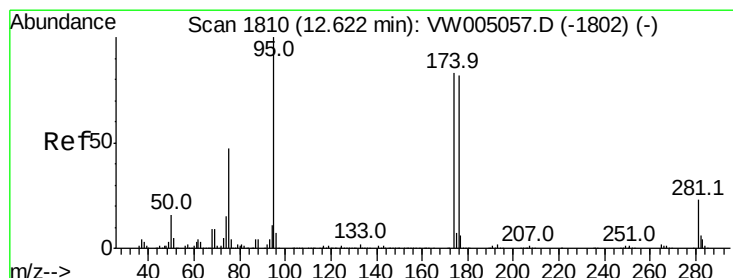
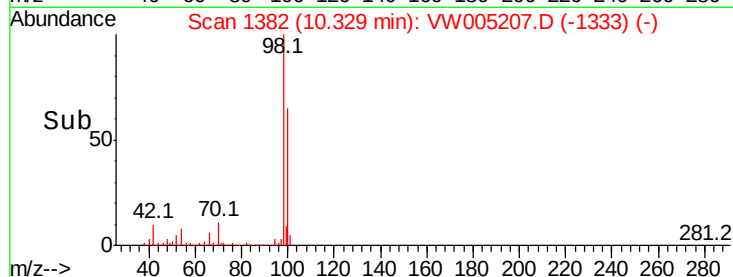
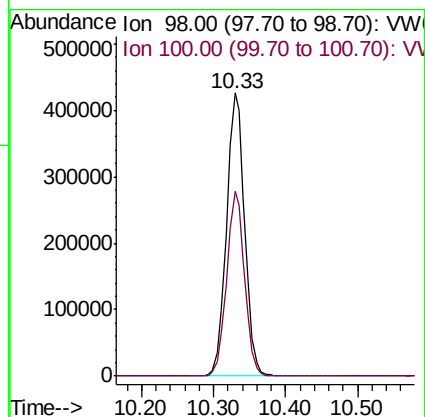
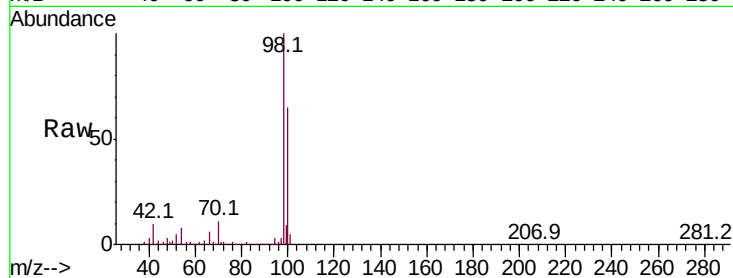
ClientSampleId :

Tot Ion: 98 Resp: 746272

Ion Ratio Lower Upper

98 100

100 64.6 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 32.862 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005207.D

Acq: 07 Sep 2018 14:25

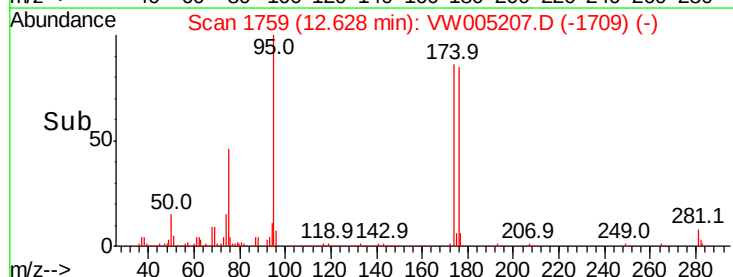
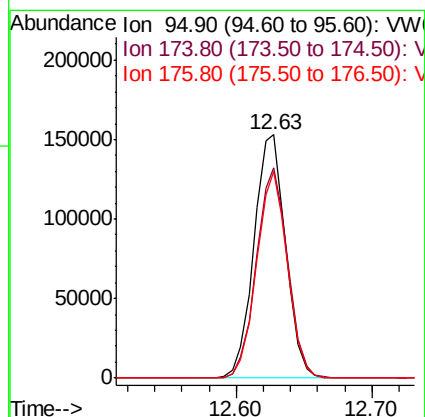
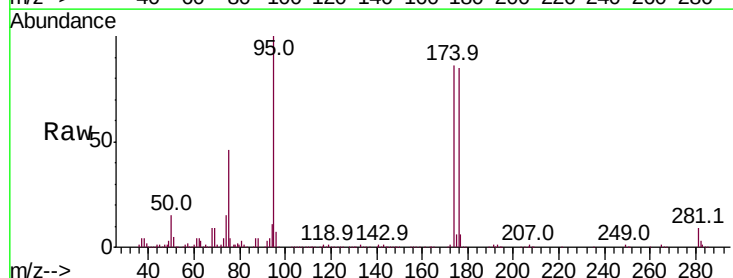
Tgt Ion: 95 Resp: 249689

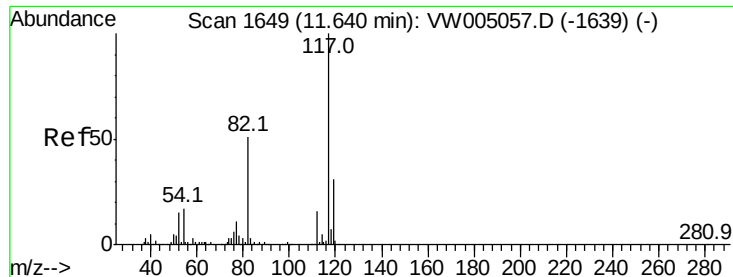
Ion Ratio Lower Upper

95 100

174 85.6 0.0 173.4

176 82.5 0.0 167.4

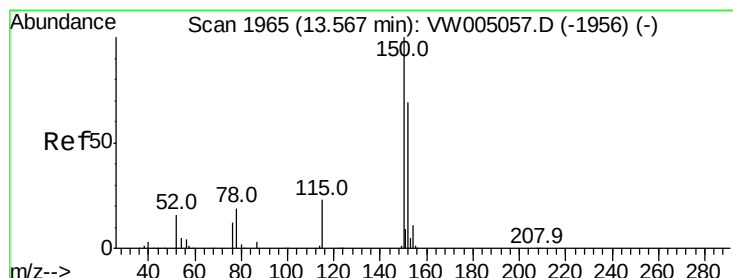
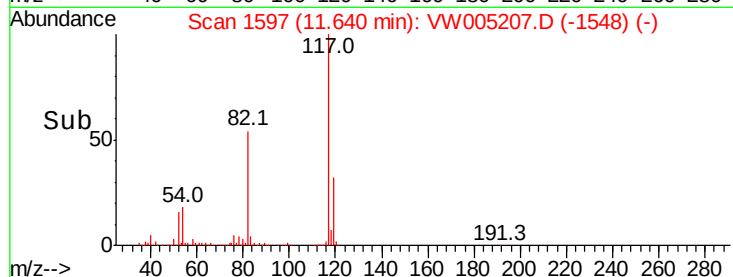
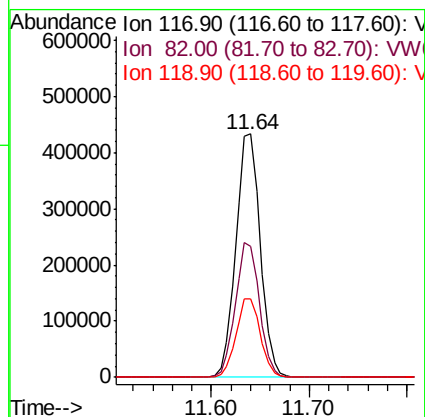
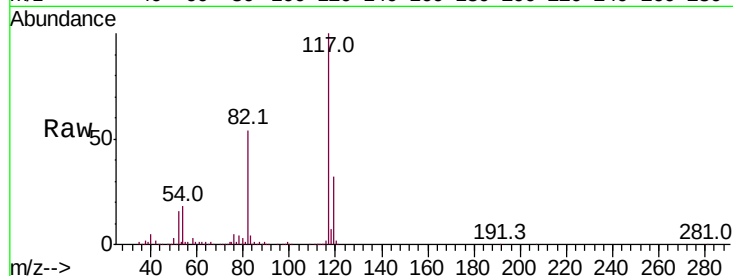




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005207.D
Acq: 07 Sep 2018 14:25

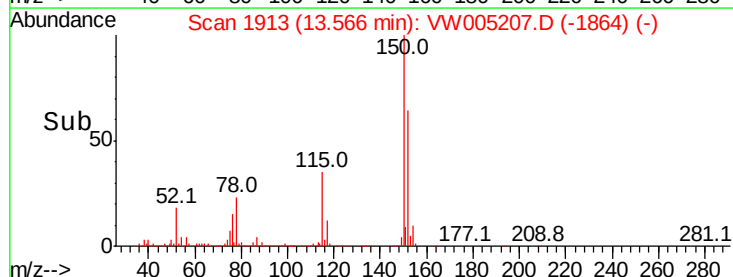
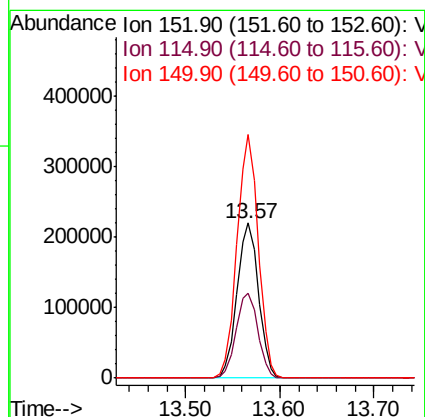
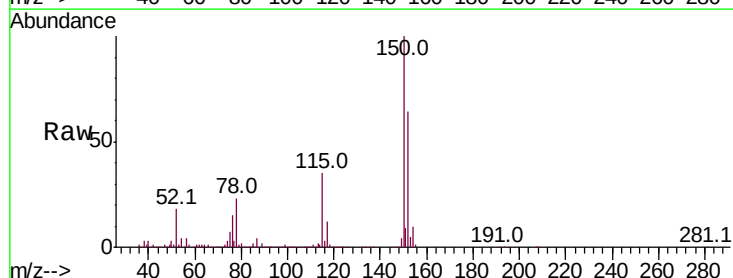
Instrument :
MSVOA_W
ClientSampled :

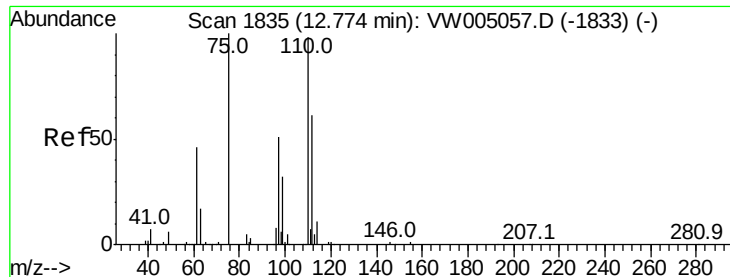
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	40.9	61.3
119	32.1	24.9	37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005207.D
Acq: 07 Sep 2018 14:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.9	27.8	83.4
150	155.1	0.0	351.4

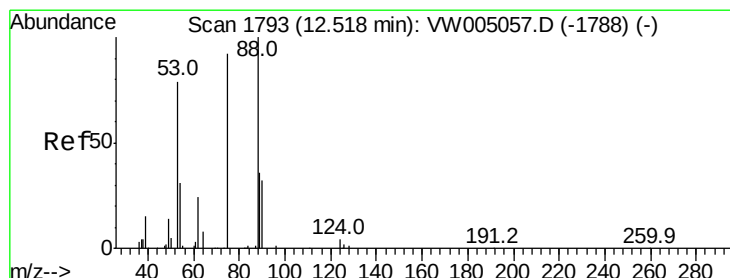
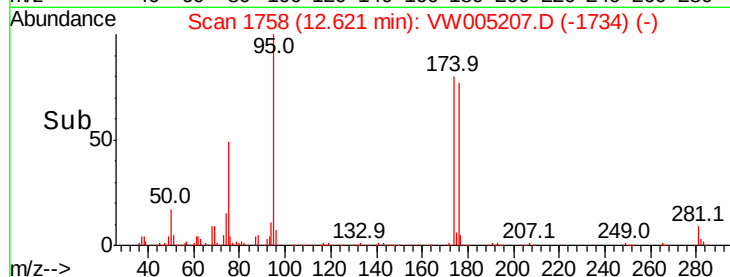
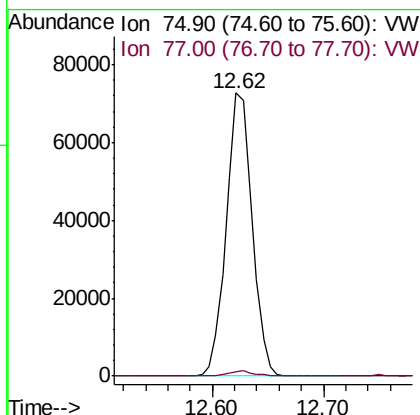
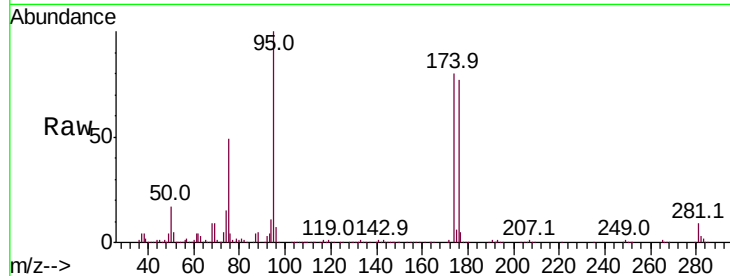




#76
 1,2,3-Trichloropropane
 Concen: 44.934 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW005207.D
 Acq: 07 Sep 2018 14:25

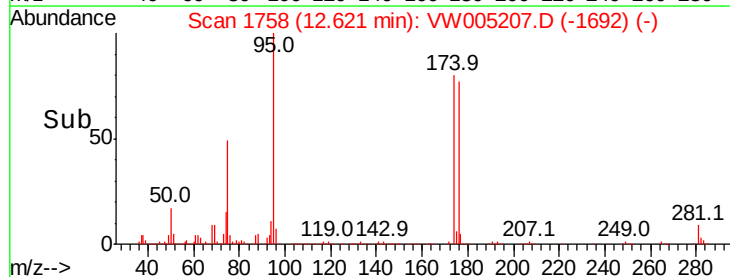
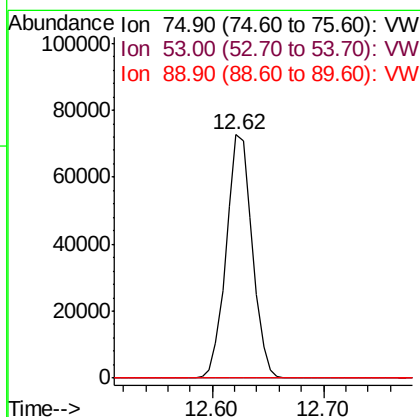
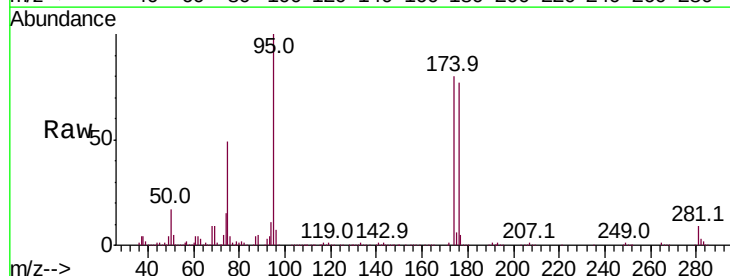
Instrument :
 MSVOA_W
 ClientSampleId :

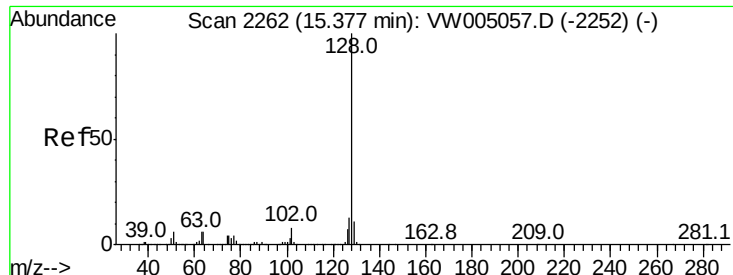
Tot Ion: 75 Resp: 117309
 Ion Ratio Lower Upper
 75 100
 77 2.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.151 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW005207.D
 Acq: 07 Sep 2018 14:25

Tgt Ion: 75 Resp: 117309
 Ion Ratio Lower Upper
 75 100
 53 0.3 69.8 104.8#
 89 0.0 36.0 54.0#





#95

Naphthalene

Concen: 4.154 ug/l

RT: 15.38 min Scan# 2211

Delta R.T. 0.01 min

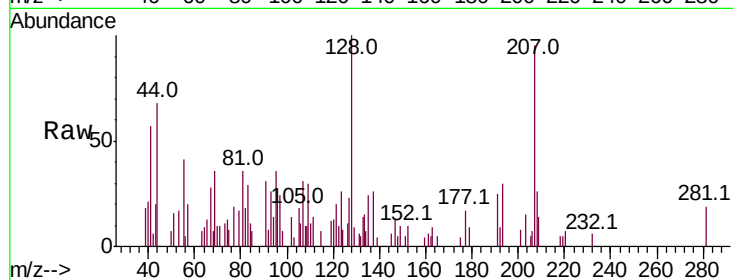
Lab File: VW005207.D

Acq: 07 Sep 2018 14:25

Instrument :

MSVOA_W

ClientSampleId :



Tot Ion:	128	Resp:	2380
Ion	Ratio	Lower	Upper
128	100		
127	18.0	10.4	15.6#
129	10.3	8.7	13.1

