

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012418\
 Data File : VW000946.D
 Acq On : 24 Jan 2018 14:27
 Operator : JC/SY
 Sample : J1187-07RE
 Misc : 5.77G/5.0ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 24 15:11:43 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012318S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 13:31:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	146698	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	220601	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	188226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	75450	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	88887	63.22	ug/l	0.00
Spiked Amount			Recovery	=	126.44%	
35) Dibromofluoromethane	7.88	113	62617	46.33	ug/l	0.00
Spiked Amount			Recovery	=	92.66%	
50) Toluene-d8	10.34	98	278982	52.36	ug/l	0.00
Spiked Amount			Recovery	=	104.72%	
62) 4-Bromofluorobenzene	12.63	95	79740	41.10	ug/l	0.00
Spiked Amount			Recovery	=	82.20%	

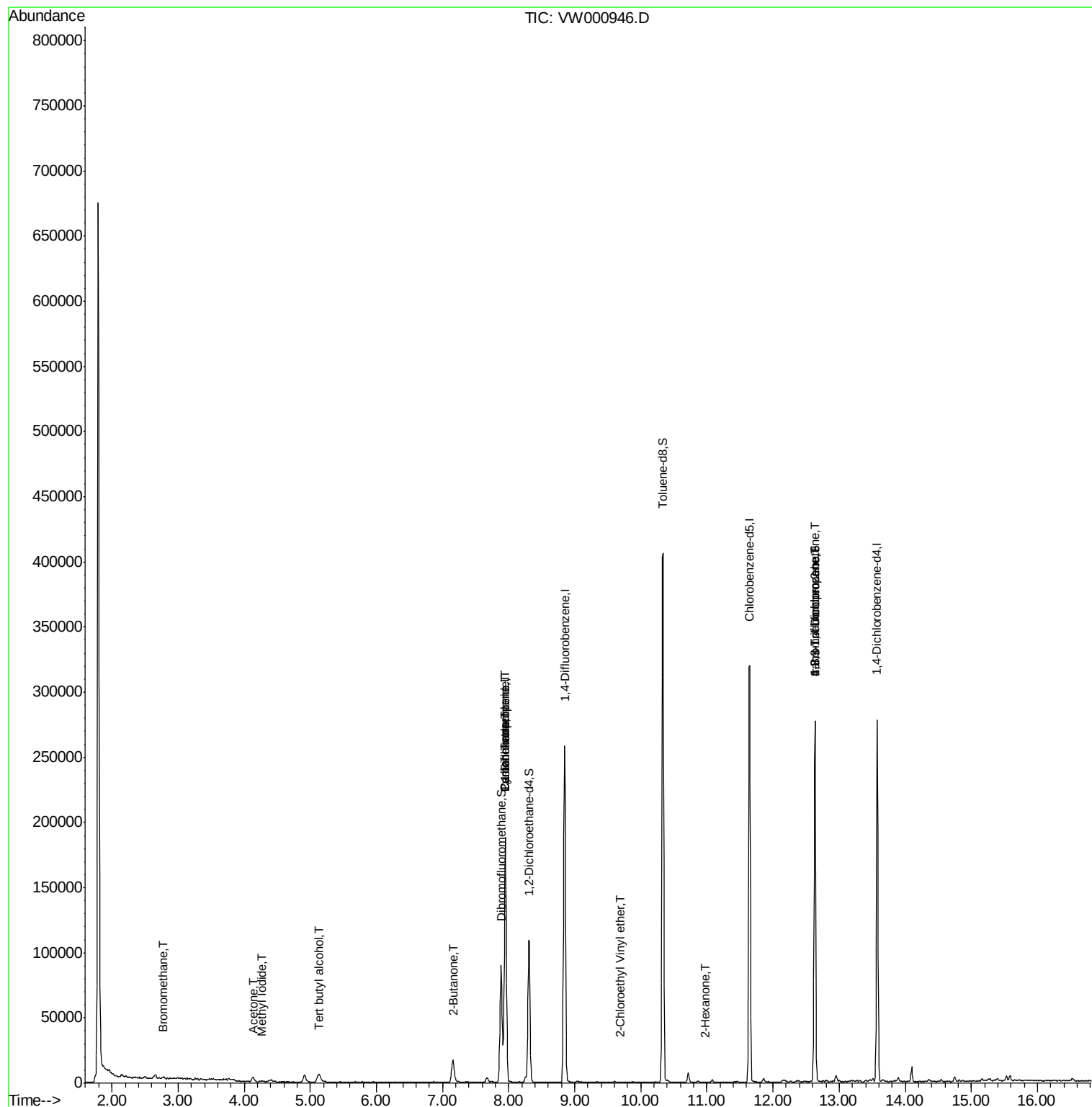
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.78	94	883	1.331	ug/l	85
10) Methyl Iodide	4.27	142	1403	5.721	ug/l #	94
11) Tert butyl alcohol	5.14	59	5928	38.877	ug/l #	76
16) Acetone	4.14	43	6435	27.670	ug/l	90
20) Methylene Chloride	4.92	84	3699	Below Cal		90
25) 2-Butanone	7.17	43	1803	2.898	ug/l #	80
31) Cyclohexane	7.95	56	3029	1.322	ug/l #	20
36) 1,1-Dichloropropene	7.95	75	10221	4.856	ug/l #	49
38) Carbon Tetrachloride	7.95	117	14486	6.238	ug/l #	18
58) 2-Chloroethyl Vinyl ether	9.68	63	21	25.871	ug/l #	45
59) 2-Hexanone	10.98	43	157	14.818	ug/l #	43
76) 1,2,3-Trichloropropane	12.63	75	40122	45.955	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	40122	109.368	ug/l #	11

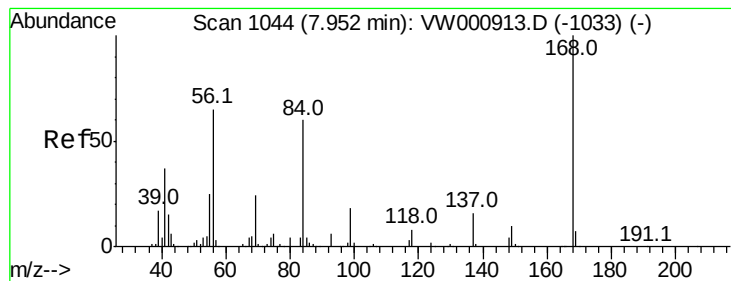
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012418\
Data File : VW000946.D
Acq On : 24 Jan 2018 14:27
Operator : JC/SY
Sample : J1187-07RE
Misc : 5.77G/5.0ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jan 24 15:11:43 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012318S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 23 13:31:00 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW000946.D

Acq: 24 Jan 2018 14:27

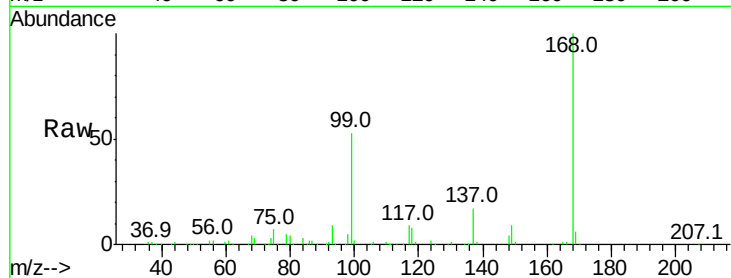
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 146698

Ion Ratio Lower Upper

168 100

99 53.4 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

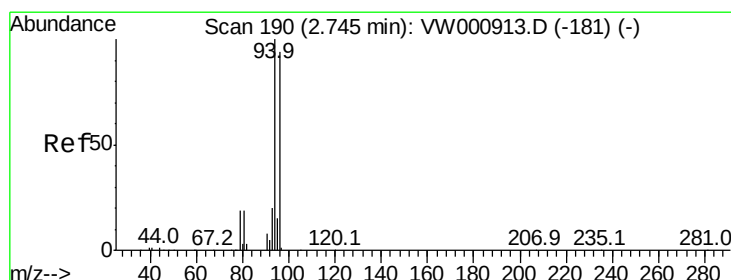
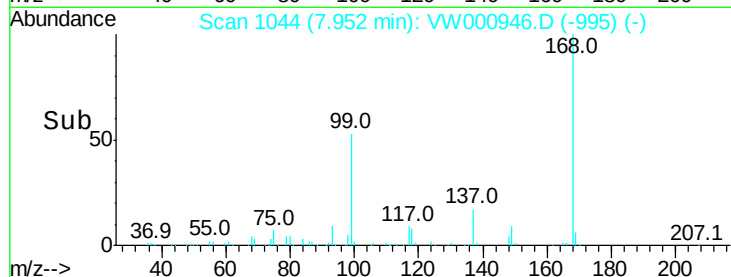
40000

20000

0

7.90 8.00 8.10

Time-->



#5

Bromomethane

Concen: 1.331 ug/l

RT: 2.78 min Scan# 195

Delta R.T. 0.03 min

Lab File: VW000946.D

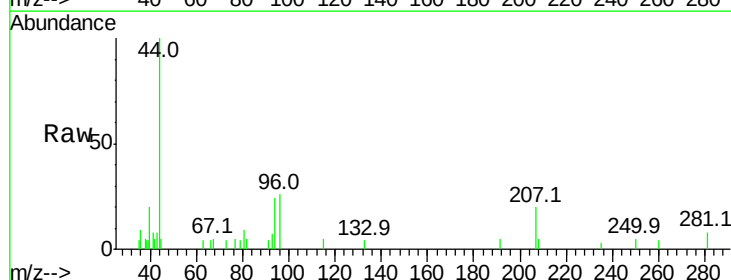
Acq: 24 Jan 2018 14:27

Tgt Ion: 94 Resp: 883

Ion Ratio Lower Upper

94 100

96 108.7 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.78

400

300

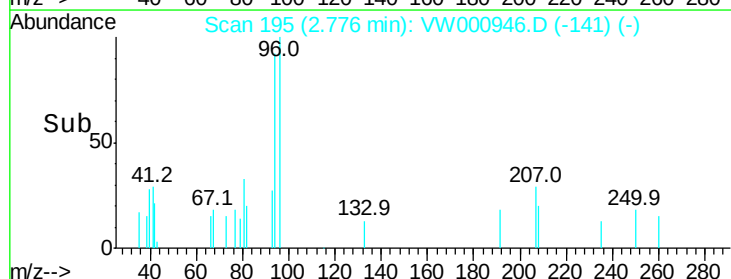
200

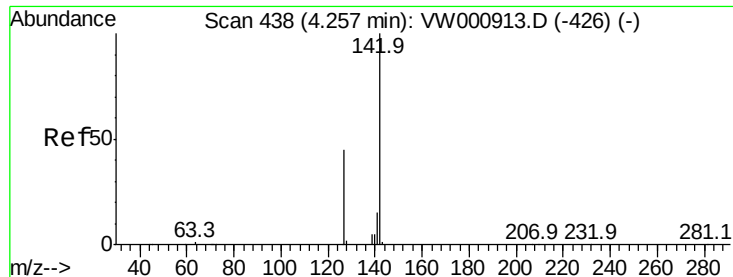
100

0

2.70 2.75 2.80

Time-->

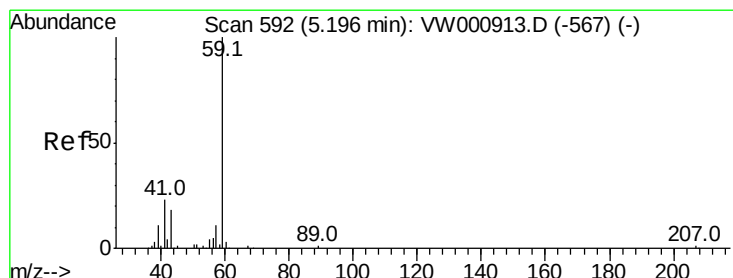
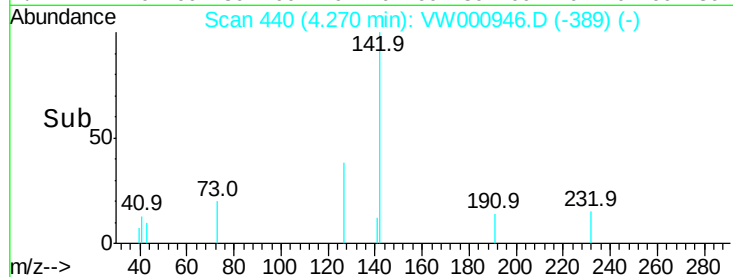
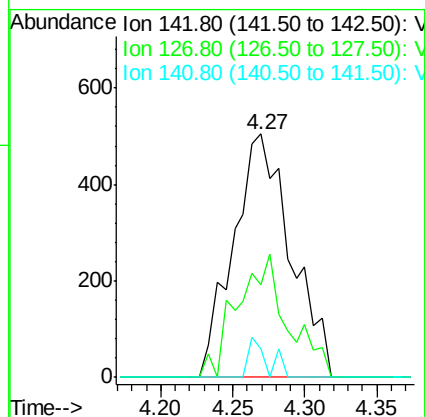
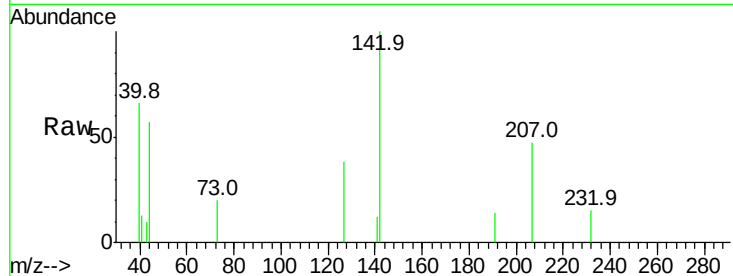




#10
Methvl Iodide
Concen: 5.721 ug/l
RT: 4.27 min Scan# 440
Delta R.T. 0.01 min
Lab File: VW000946.D
Acq: 24 Jan 2018 14:27

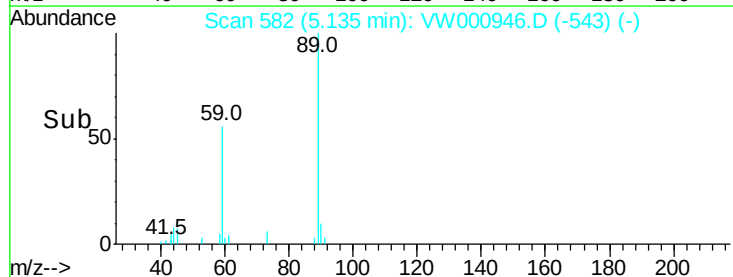
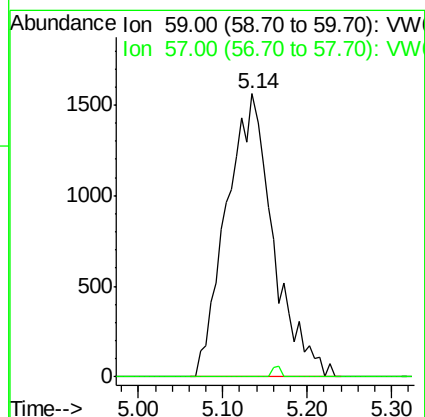
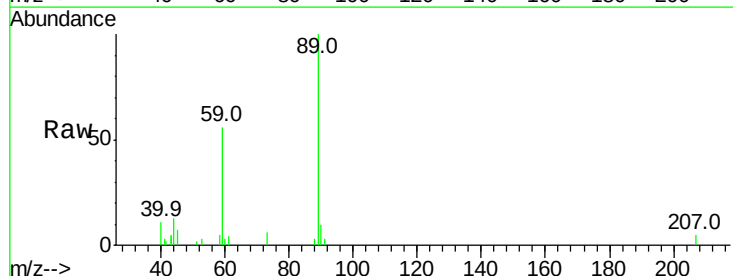
Instrument :
MSVOA_W
ClientSampleId :

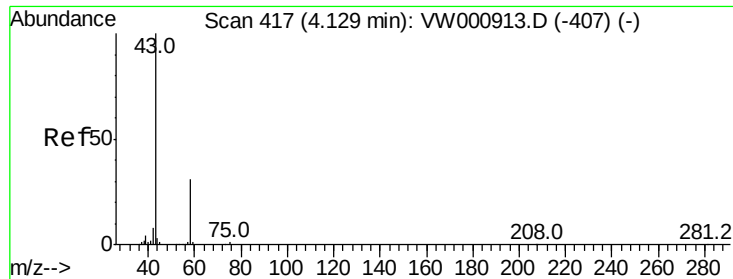
Tot Ion:142 Resp: 1403
Ion Ratio Lower Upper
142 100
127 44.3 35.5 53.3
141 5.2 11.7 17.5#



#11
Tert butyl alcohol
Concen: 38.877 ug/l
RT: 5.14 min Scan# 582
Delta R.T. -0.06 min
Lab File: VW000946.D
Acq: 24 Jan 2018 14:27

Tgt Ion: 59 Resp: 5928
Ion Ratio Lower Upper
59 100
57 0.0 7.0 10.6#





#16

Acetone

Concen: 27.670 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.01 min

Lab File: VW000946.D

Acq: 24 Jan 2018 14:27

Instrument :

MSVOA_W

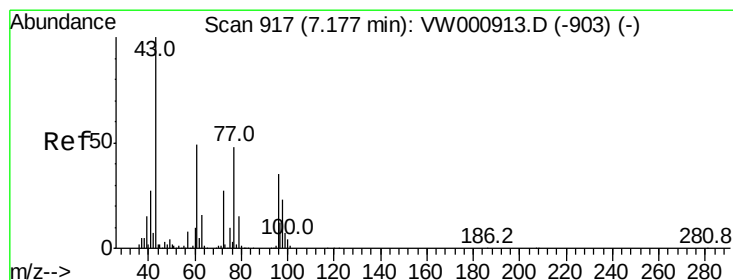
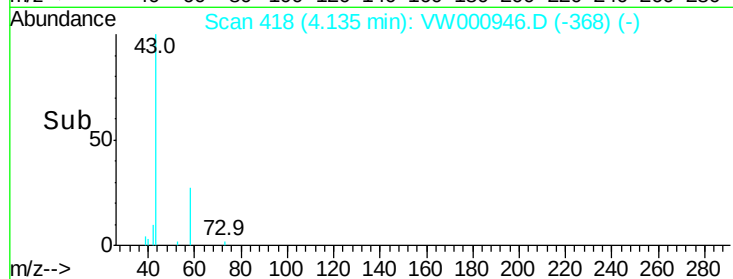
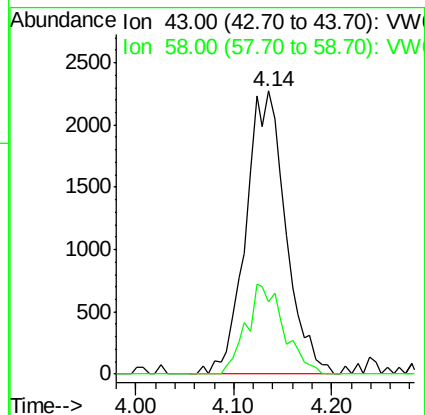
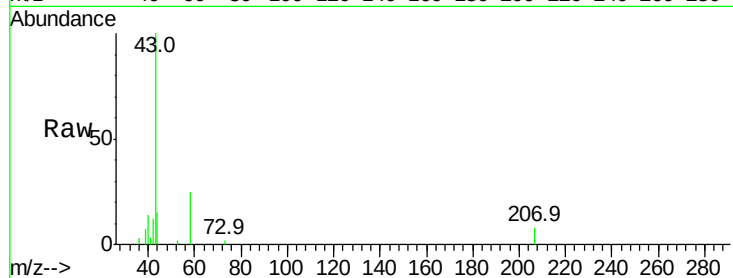
ClientSampled :

Tot Ion: 43 Resp: 6435

Ion Ratio Lower Upper

43 100

58 25.4 24.9 37.3



#25

2-Butanone

Concen: 2.898 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW000946.D

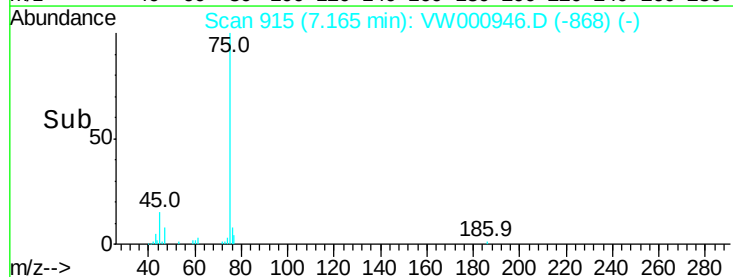
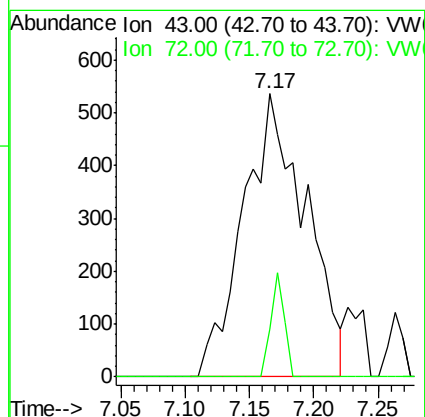
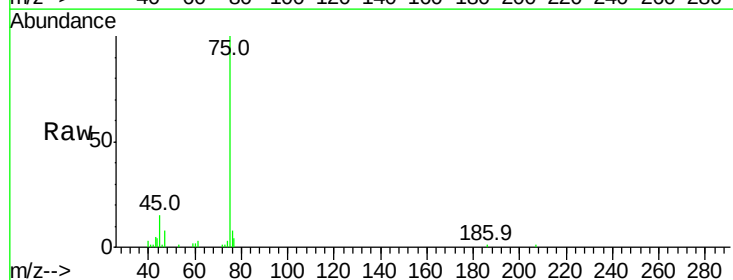
Acq: 24 Jan 2018 14:27

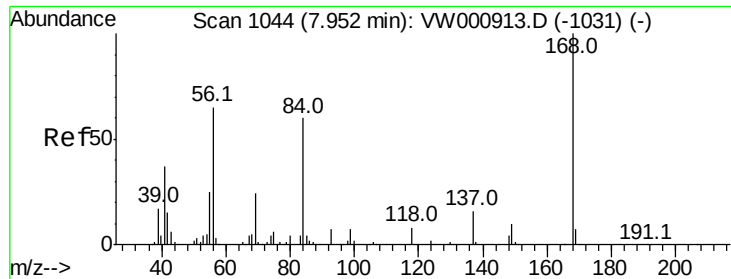
Tgt Ion: 43 Resp: 1803

Ion Ratio Lower Upper

43 100

72 16.8 21.5 32.3#

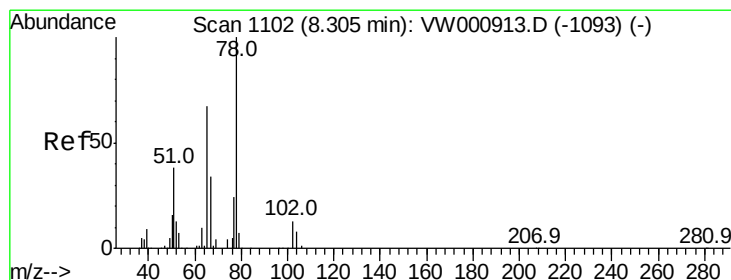
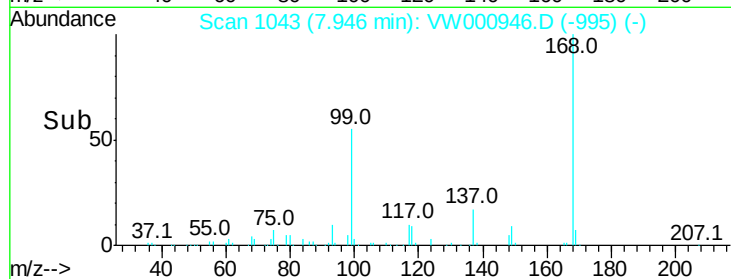
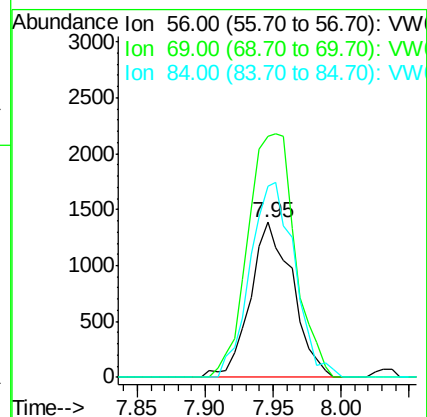
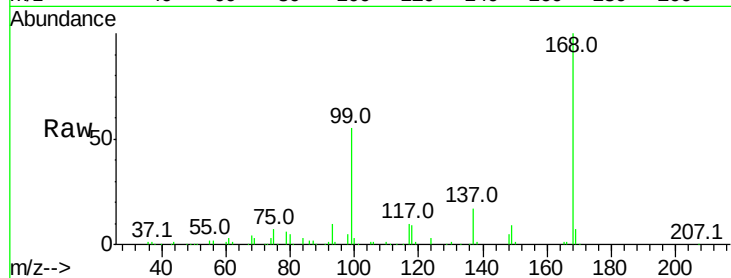




#31
Cyclohexane
Concen: 1.322 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW000946.D
Acq: 24 Jan 2018 14:27

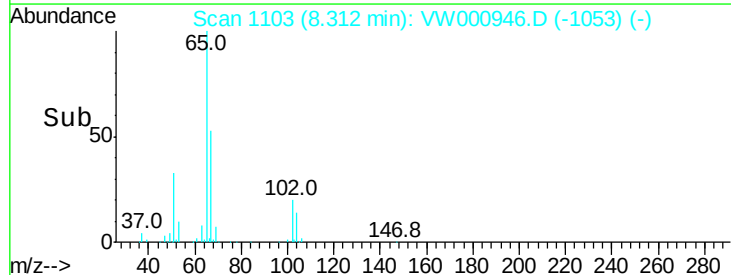
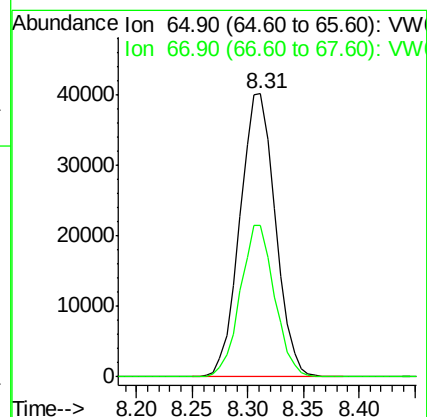
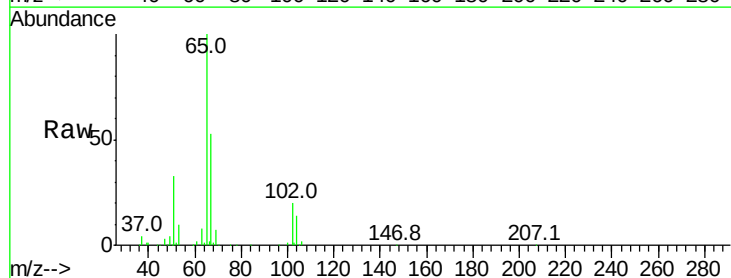
Instrument :
MSVOA_W
ClientSampleId :

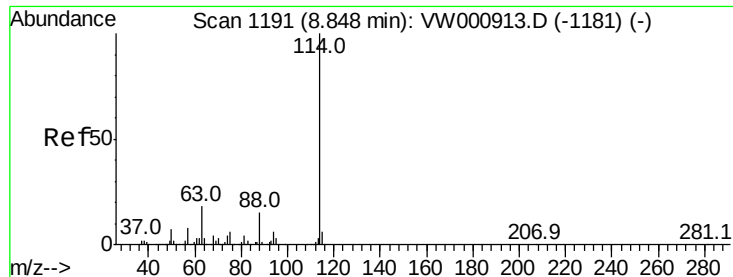
Tot Ion: 56 Resp: 3029
Ion Ratio Lower Upper
56 100
69 155.4 29.2 43.8#
84 123.1 73.6 110.4#



#33
1,2-Dichloroethane-d4
Concen: 63.216 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VW000946.D
Acq: 24 Jan 2018 14:27

Tgt Ion: 65 Resp: 88887
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW000946.D

Acq: 24 Jan 2018 14:27

Instrument :

MSVOA_W

ClientSampleId :

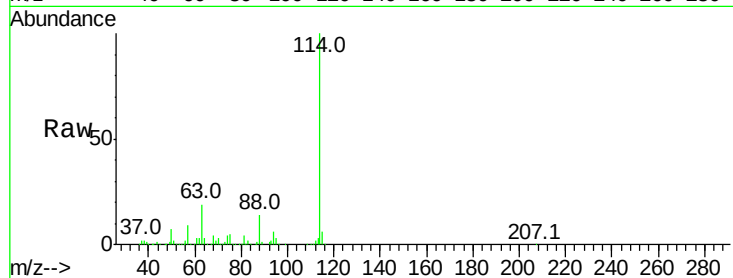
Tot Ion:114 Resp: 220601

Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.8

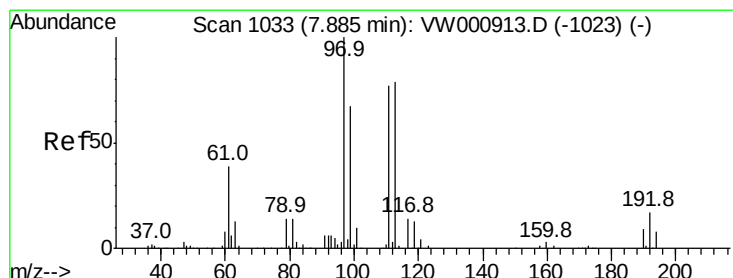
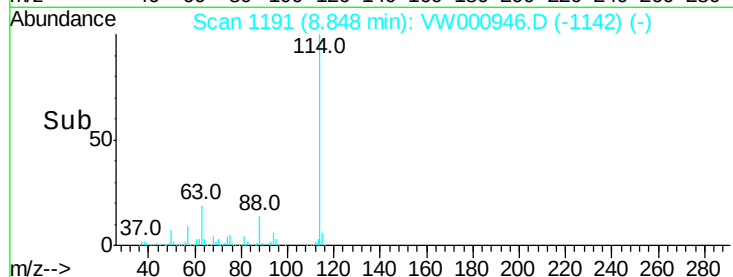
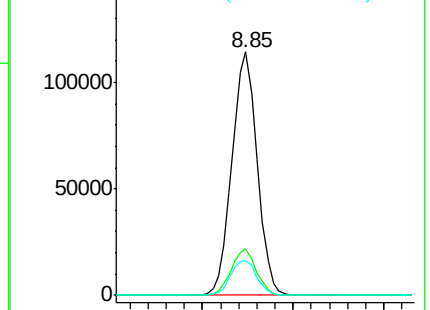
88 14.5 0.0 29.8



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: 46.334 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW000946.D

Acq: 24 Jan 2018 14:27

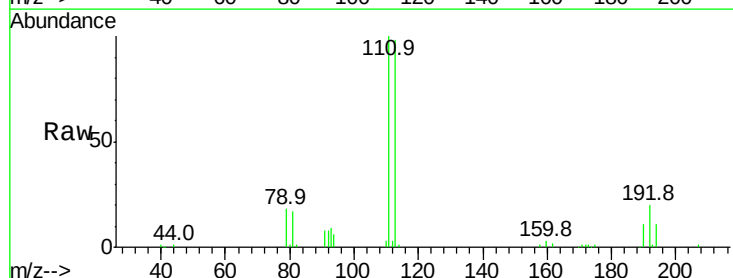
Tgt Ion:113 Resp: 62617

Ion Ratio Lower Upper

113 100

111 104.4 80.4 120.6

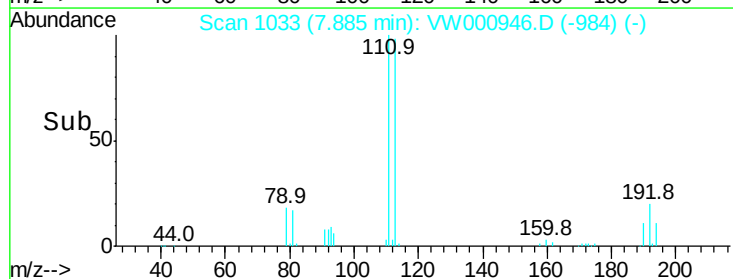
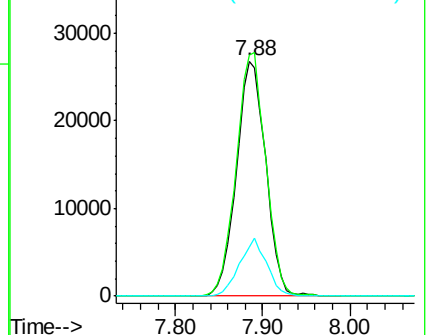
192 22.7 17.0 25.4

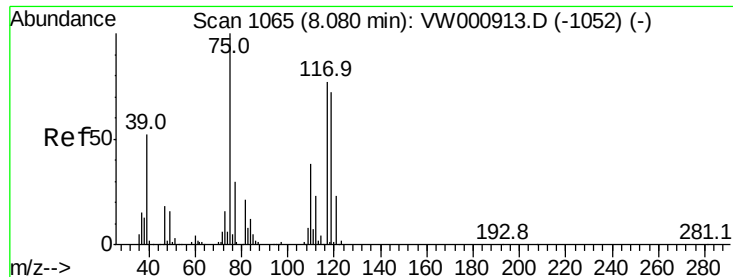


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.856 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW000946.D

Acq: 24 Jan 2018 14:27

Instrument :
MSVOA_W
ClientSampleId :

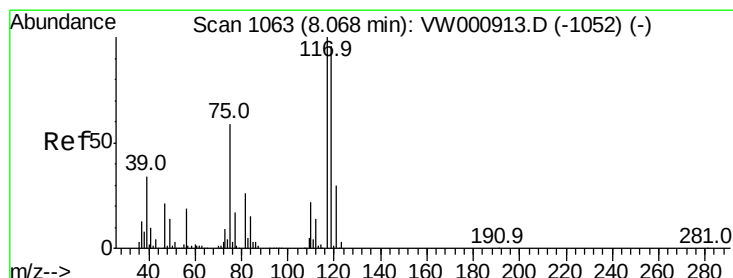
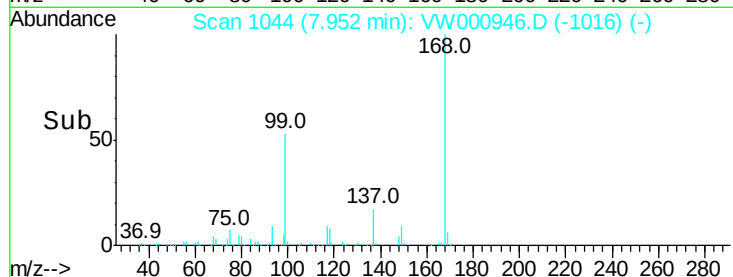
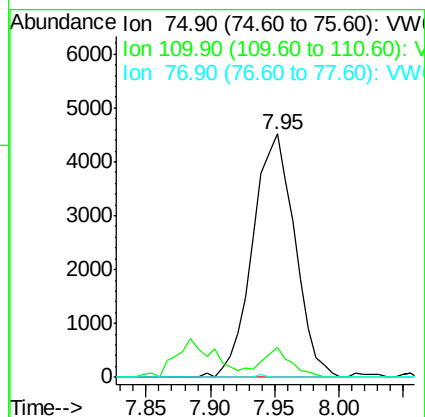
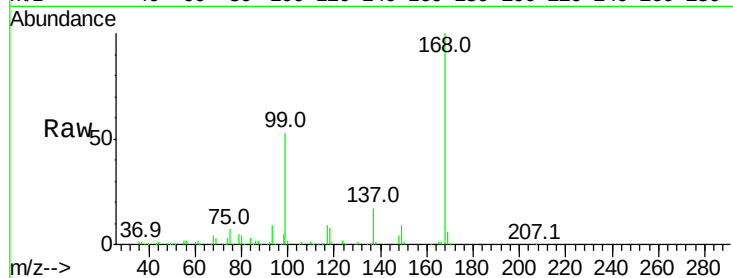
Tot Ion: 75 Resp: 10221

Ion Ratio Lower Upper

75 100

110 9.0 18.6 56.0#

77 0.2 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 6.238 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.12 min

Lab File: VW000946.D

Acq: 24 Jan 2018 14:27

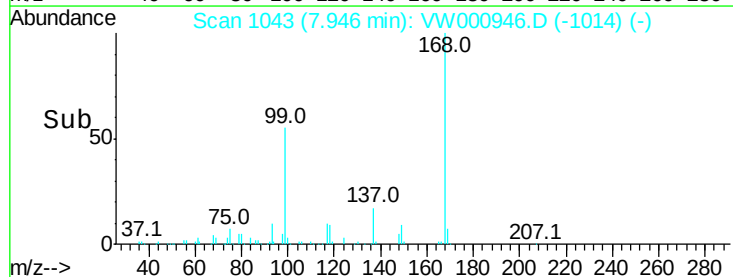
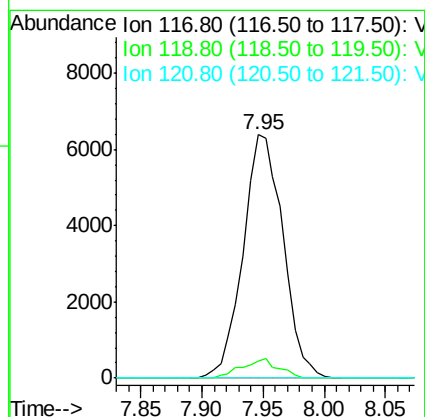
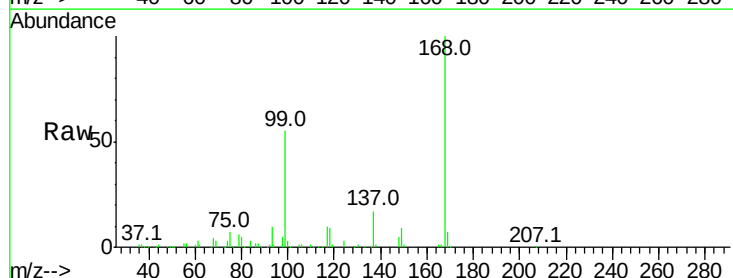
Tgt Ion: 117 Resp: 14486

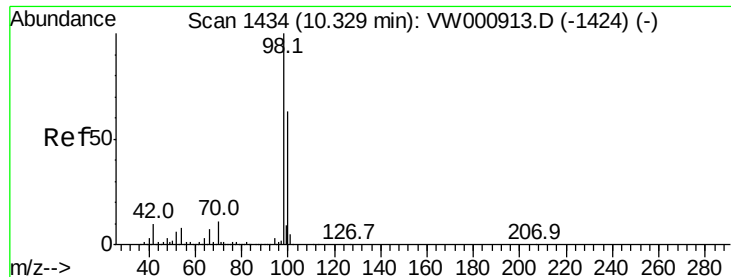
Ion Ratio Lower Upper

117 100

119 7.1 76.5 114.7#

121 0.0 24.3 36.5#





#50

Toluene-d8

Concen: 52.364 ug/l

RT: 10.34 min Scan# 1435

Delta R.T. 0.01 min

Lab File: VW000946.D

Acq: 24 Jan 2018 14:27

Instrument :

MSVOA_W

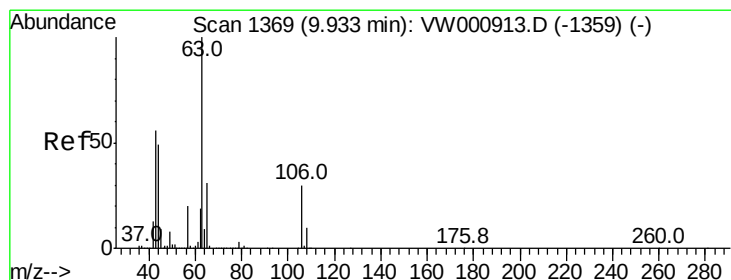
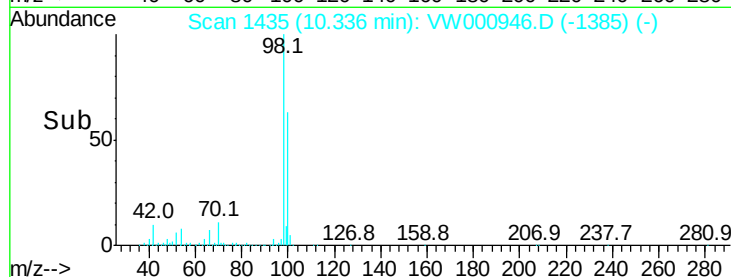
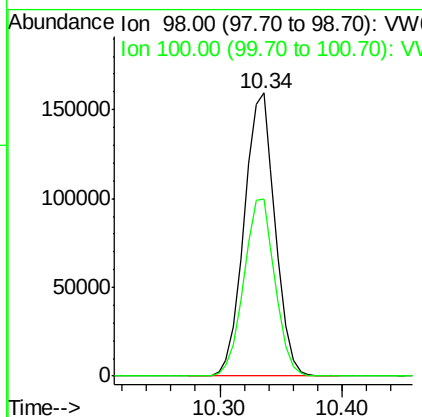
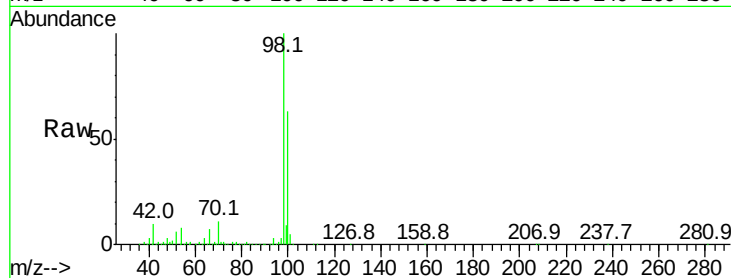
ClientSampled :

Tot Ion: 98 Resp: 278982

Ion Ratio Lower Upper

98 100

100 63.3 50.8 76.2



#58

2-Chloroethyl Vinyl ether

Concen: 25.871 ug/l

RT: 9.68 min Scan# 1327

Delta R.T. -0.26 min

Lab File: VW000946.D

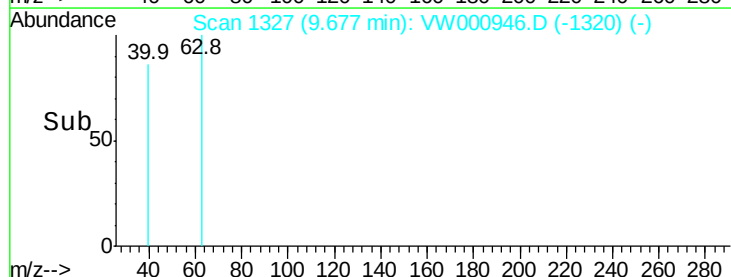
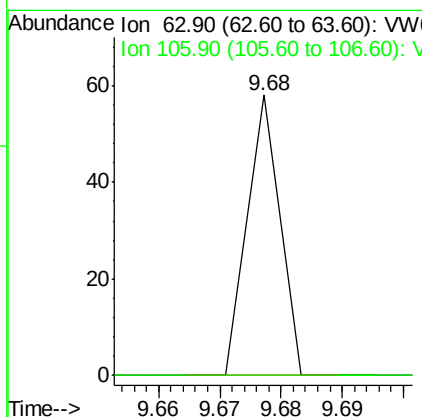
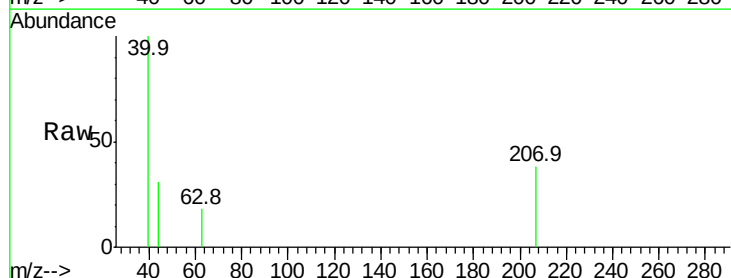
Acq: 24 Jan 2018 14:27

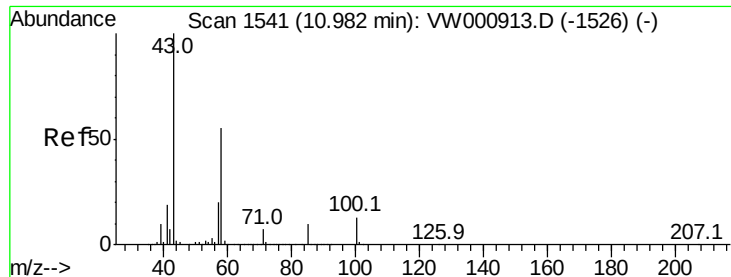
Tgt Ion: 63 Resp: 21

Ion Ratio Lower Upper

63 100

106 0.0 23.8 35.8#

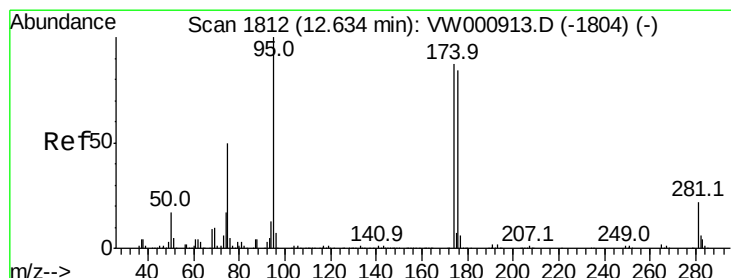
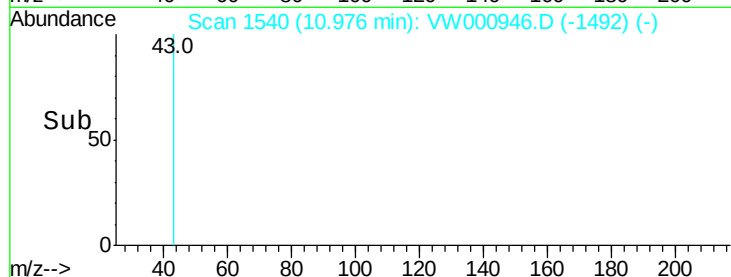
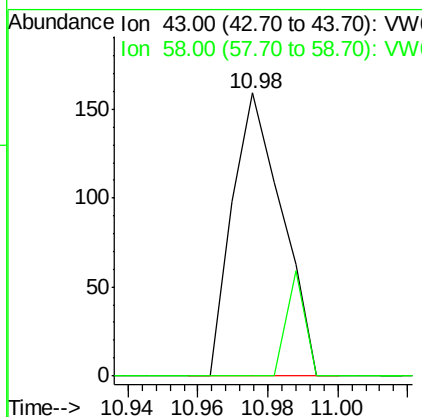
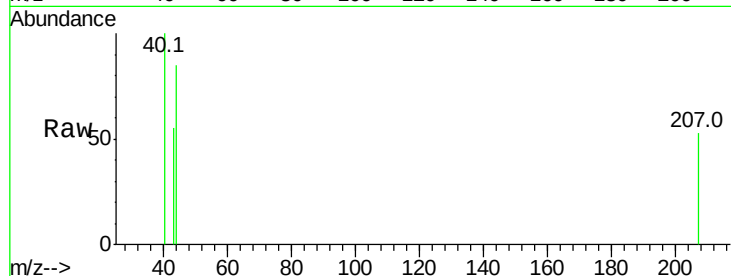




#59
2-Hexanone
Concen: 14.818 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VW000946.D
Acq: 24 Jan 2018 14:27

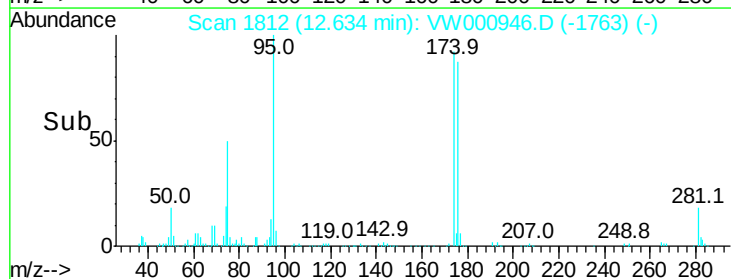
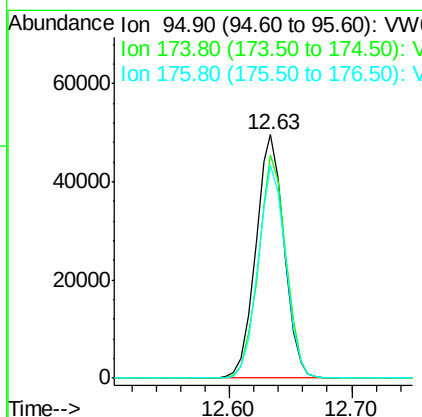
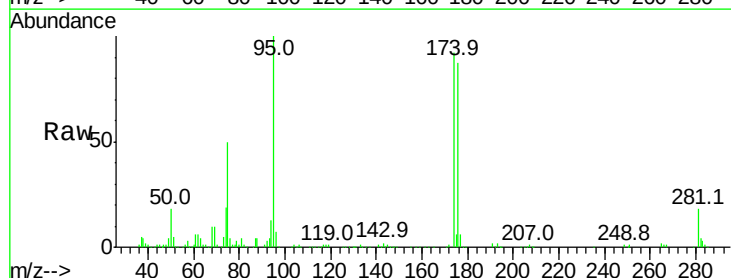
Instrument :
MSVOA_W
ClientSampleId :

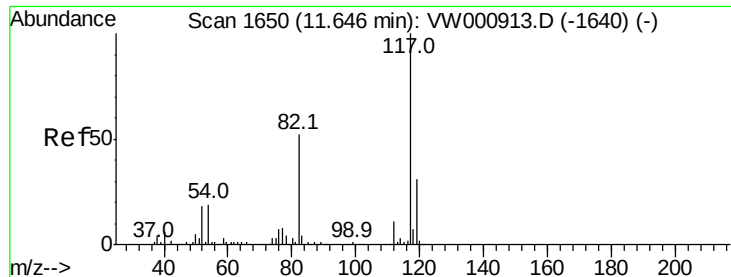
Tot Ion: 43 Resp: 157
Ion Ratio Lower Upper
43 100
58 14.0 27.4 82.2#



#62
4-Bromofluorobenzene
Concen: 41.098 ug/l
RT: 12.63 min Scan# 1812
Delta R.T. 0.00 min
Lab File: VW000946.D
Acq: 24 Jan 2018 14:27

Tgt Ion: 95 Resp: 79740
Ion Ratio Lower Upper
95 100
174 89.3 0.0 176.8
176 85.9 0.0 171.8

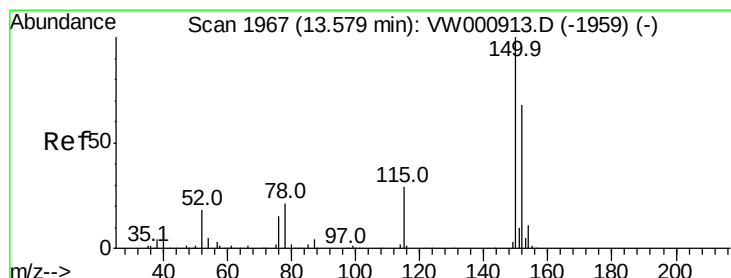
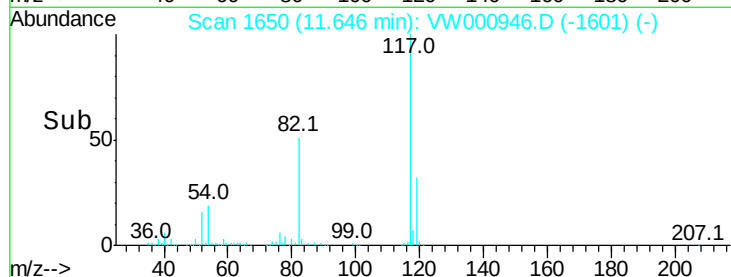
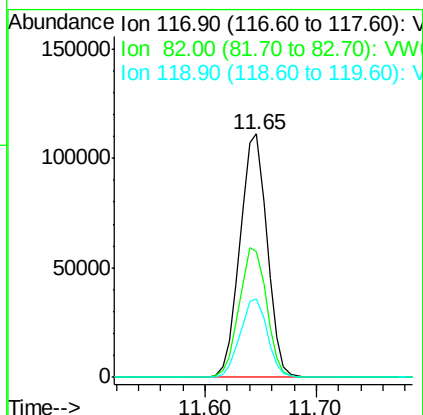
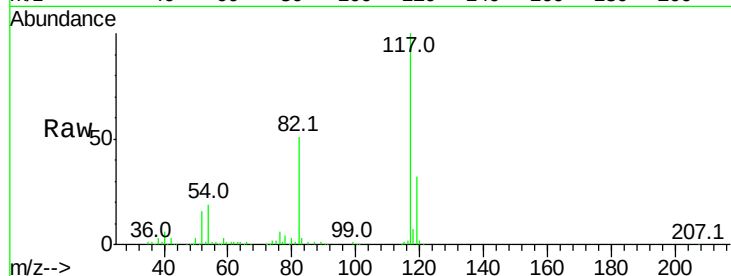




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1650
Delta R.T. 0.00 min
Lab File: VW000946.D
Acq: 24 Jan 2018 14:27

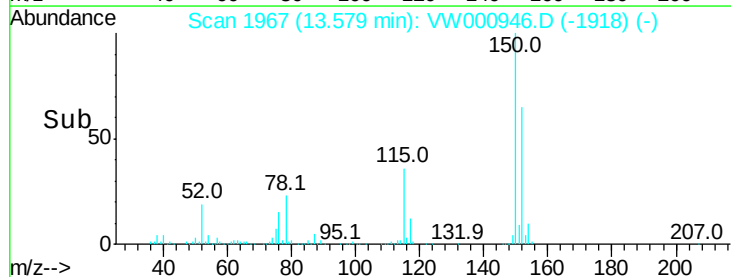
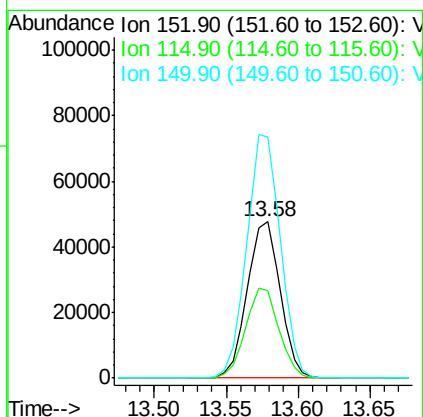
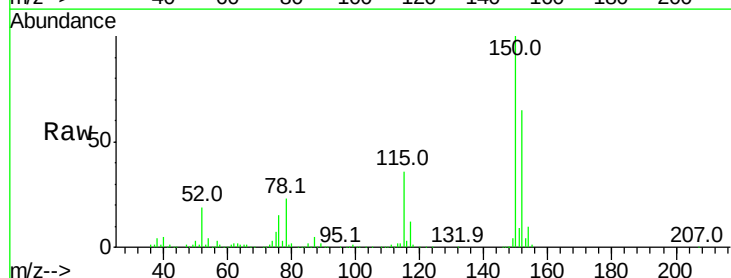
Instrument :
MSVOA_W
ClientSampled :

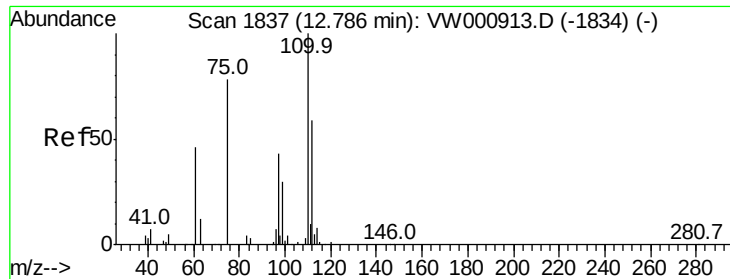
Tot Ion:117 Resp: 188226
Ion Ratio Lower Upper
117 100
82 51.4 41.8 62.6
119 32.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1967
Delta R.T. 0.00 min
Lab File: VW000946.D
Acq: 24 Jan 2018 14:27

Tgt Ion:152 Resp: 75450
Ion Ratio Lower Upper
152 100
115 57.9 28.5 85.5
150 158.4 0.0 342.0

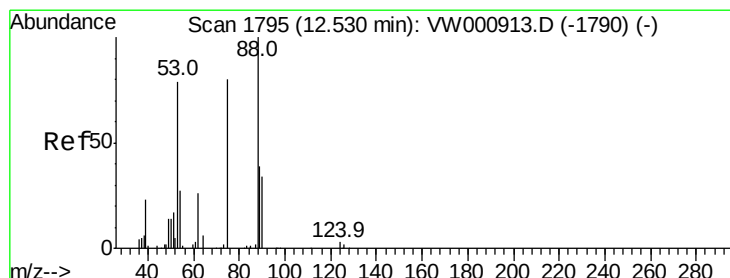
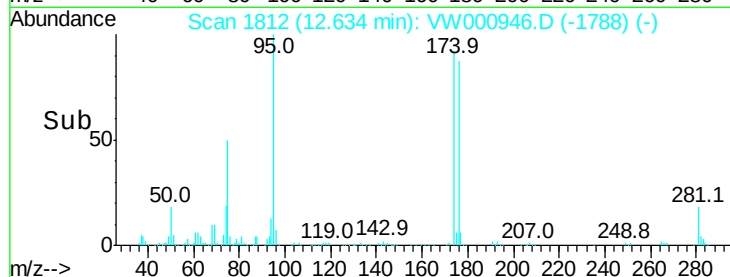
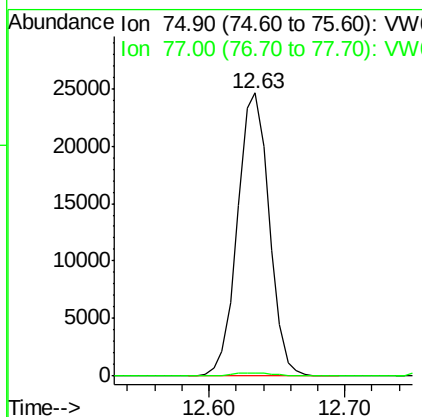
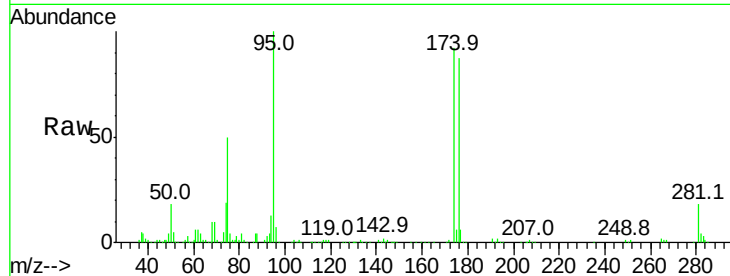




#76
 1,2,3-Trichloropropane
 Concen: 45.955 ug/l
 RT: 12.63 min Scan# 1812
 Delta R.T. -0.15 min
 Lab File: VW000946.D
 Acq: 24 Jan 2018 14:27

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 75 Resp: 40122
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.368 ug/l
 RT: 12.63 min Scan# 1812
 Delta R.T. 0.10 min
 Lab File: VW000946.D
 Acq: 24 Jan 2018 14:27

Tgt Ion: 75 Resp: 40122
 Ion Ratio Lower Upper
 75 100
 53 0.2 77.5 116.3#
 89 0.0 38.2 57.4#

