

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051018\
 Data File : VW002398.D
 Acq On : 11 May 2018 00:23
 Operator : JC/SY
 Sample : VW0510SBL02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 11 04:56:50 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 08 03:57:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	196208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	312451	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	288222	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	148452	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	114139	54.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.56%	
35) Dibromofluoromethane	7.88	113	103591	51.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.46%	
50) Toluene-d8	10.33	98	379417	49.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.36%	
62) 4-Bromofluorobenzene	12.63	95	133401	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	

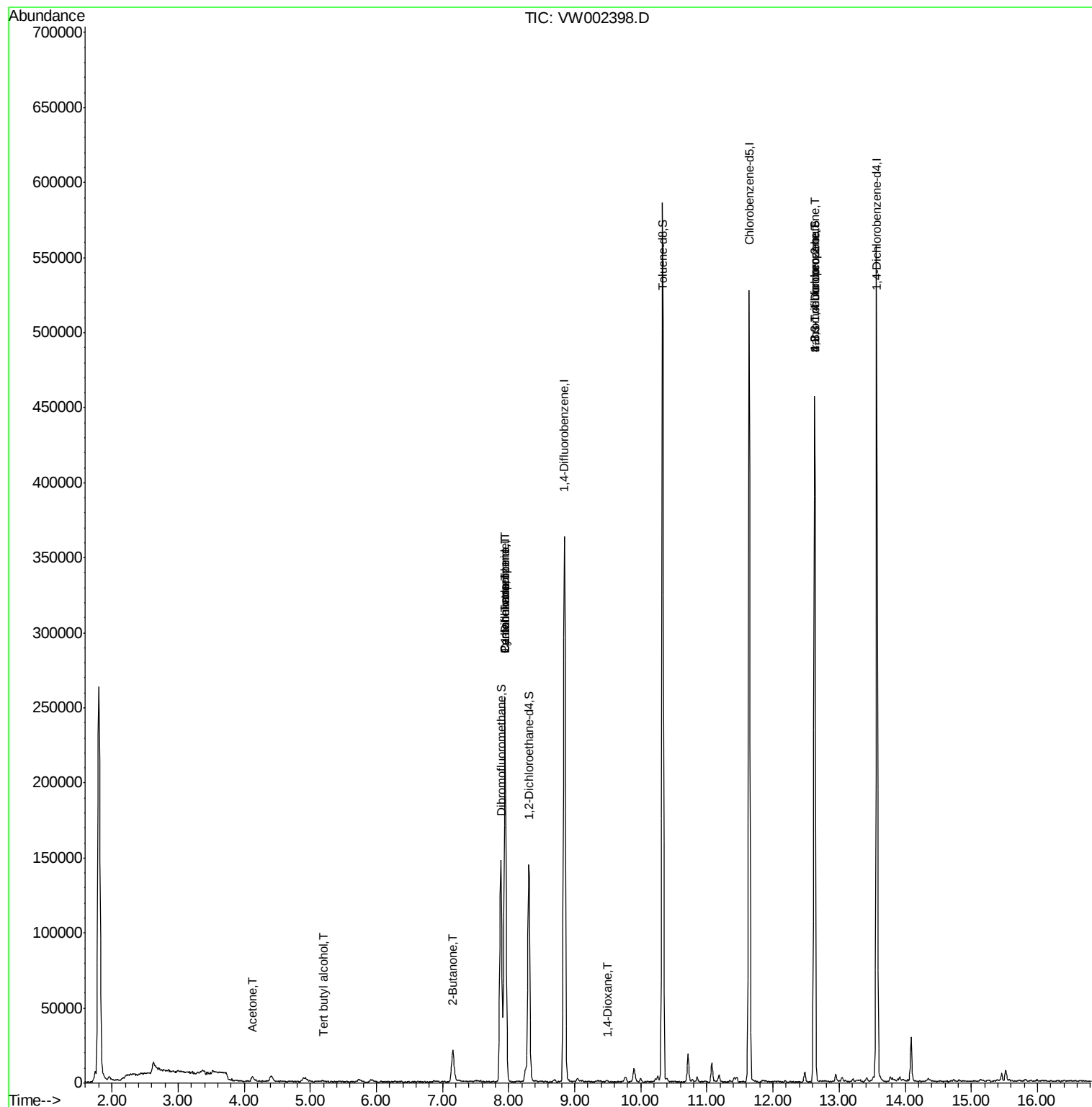
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	684	4.52	ug/l #	96
16) Acetone	4.12	43	5891	14.48	ug/l	94
25) 2-Butanone	7.16	43	2123	3.51	ug/l	97
31) Cyclohexane	7.95	56	4252	1.37	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	14283	5.05	ug/l #	50
38) Carbon Tetrachloride	7.95	117	18760	6.87	ug/l #	15
49) 1,4-Dioxane	9.50	88	23	1.25	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	69112	52.50	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	69112	138.29	ug/l #	10

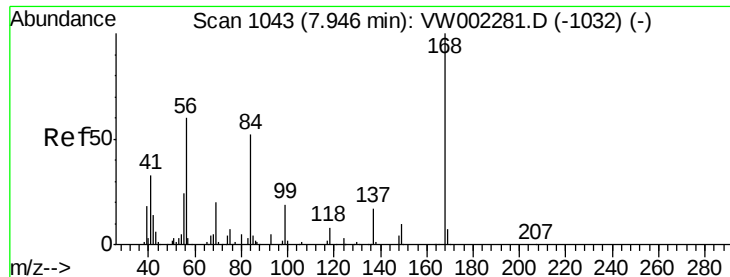
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VW002398.D

Acq: 11 May 2018 00:23

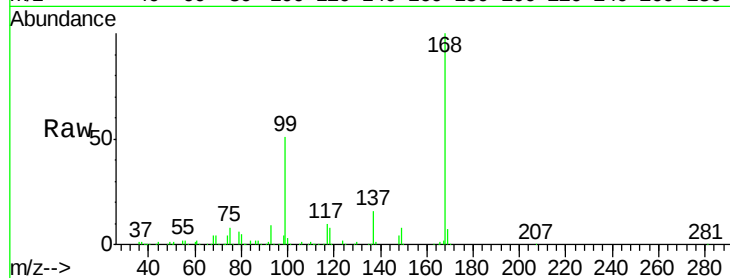
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 196208

Ion Ratio Lower Upper

168 100

99 51.3 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

40000

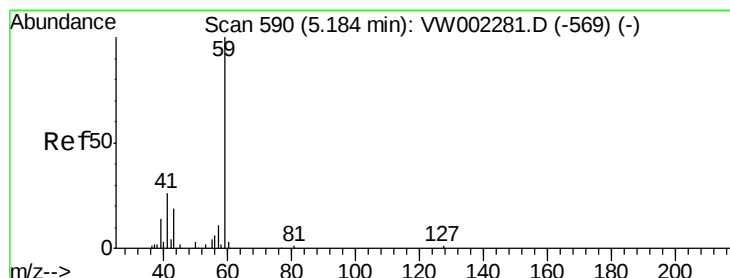
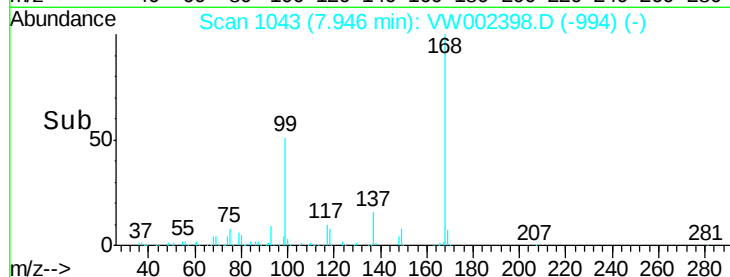
20000

0

7.90

8.00

Time-->



#11

Tert butyl alcohol

Concen: 4.52 ug/l

RT: 5.20 min Scan# 593

Delta R.T. 0.02 min

Lab File: VW002398.D

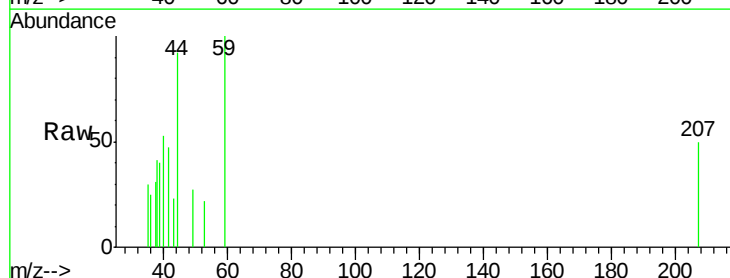
Acq: 11 May 2018 00:23

Tgt Ion: 59 Resp: 684

Ion Ratio Lower Upper

59 100

57 3.7 3.9 5.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.20

300

250

200

150

100

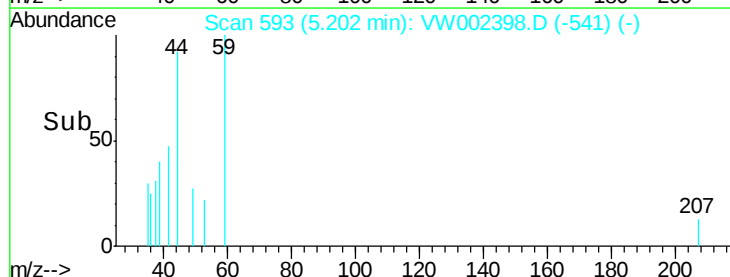
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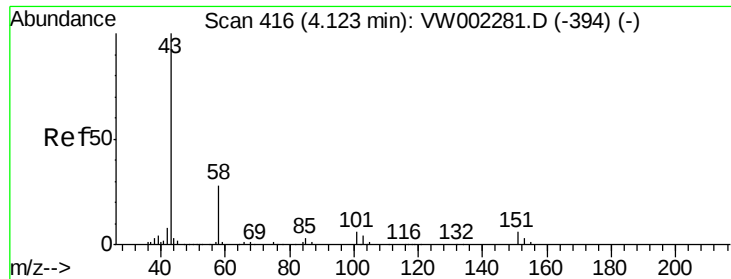
0

5.15

5.20

Time-->





#16

Acetone

Concen: 14.48 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.00 min

Lab File: VW002398.D

Acq: 11 May 2018 00:23

Instrument :

MSVOA_W

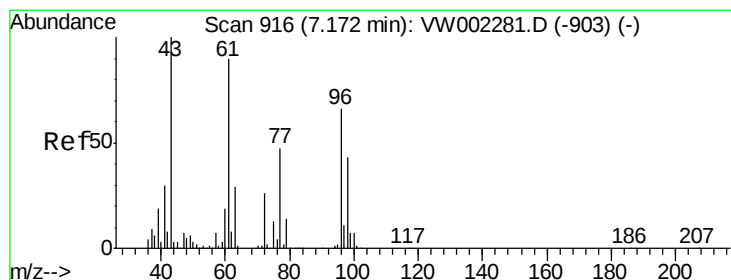
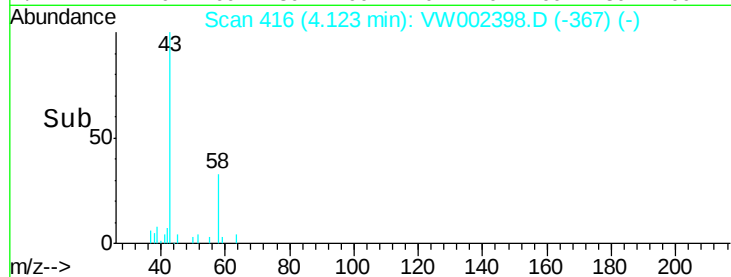
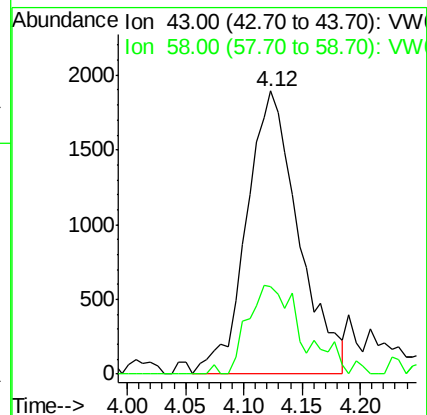
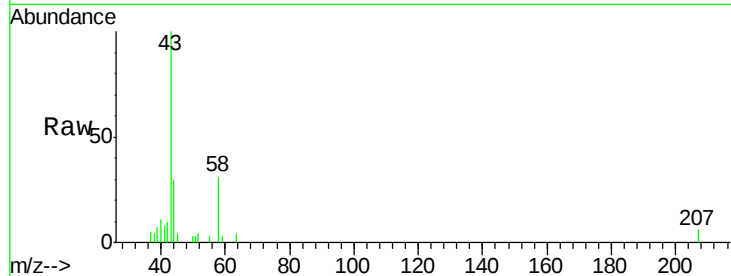
ClientSampled :

Tot Ion: 43 Resp: 5891

Ion Ratio Lower Upper

43 100

58 31.0 22.2 33.4



#25

2-Butanone

Concen: 3.51 ug/l

RT: 7.16 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW002398.D

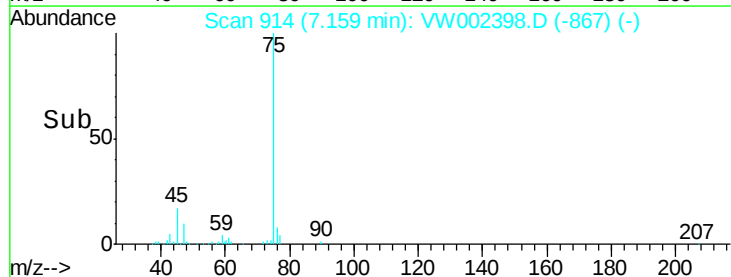
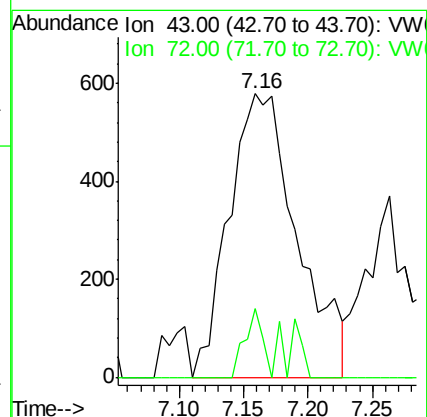
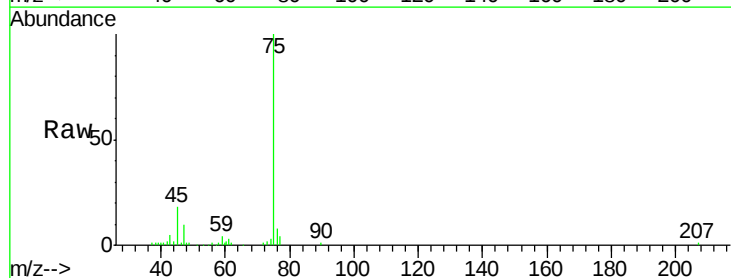
Acq: 11 May 2018 00:23

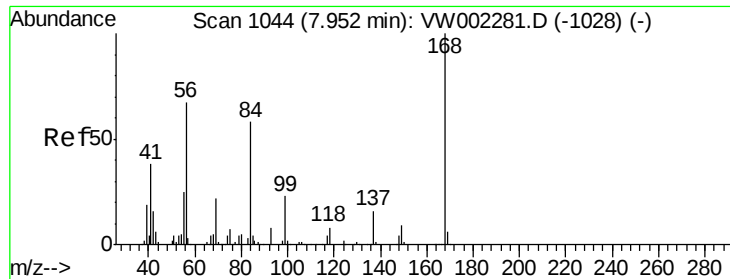
Tgt Ion: 43 Resp: 2123

Ion Ratio Lower Upper

43 100

72 24.0 20.6 31.0

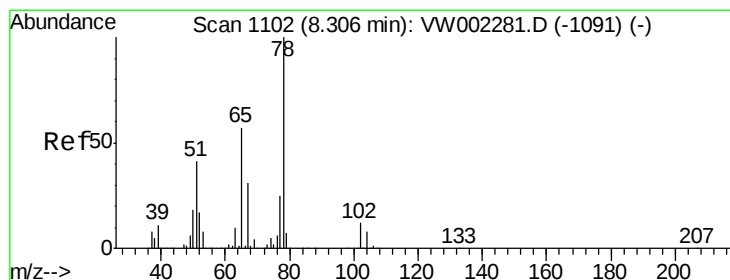
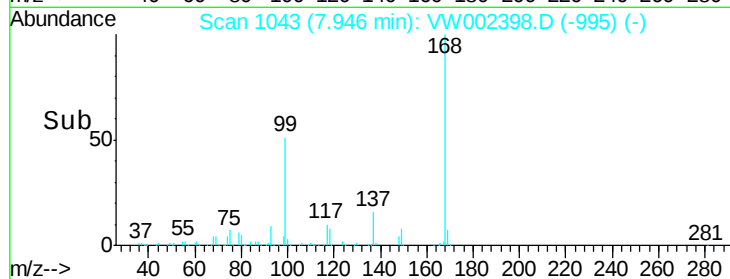
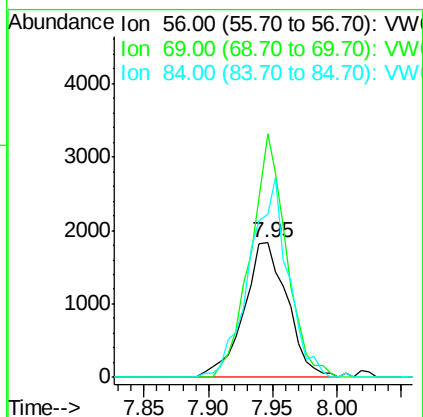
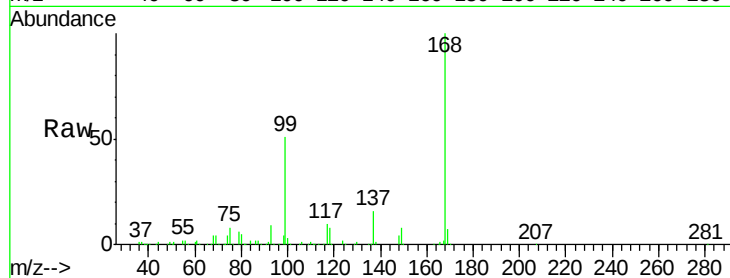




#31
Cyclohexane
Concen: 1.37 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW002398.D
Acq: 11 May 2018 00:23

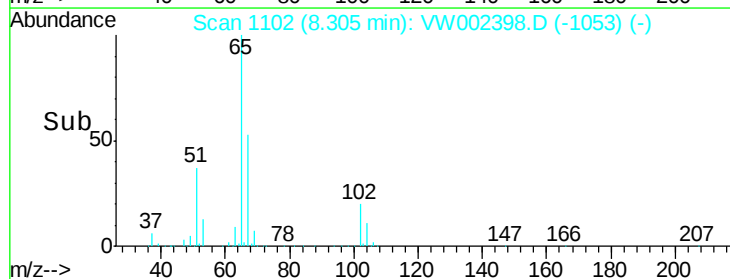
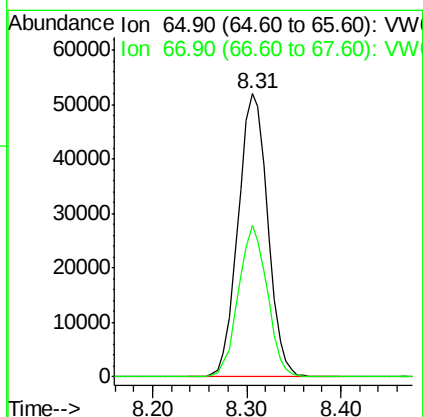
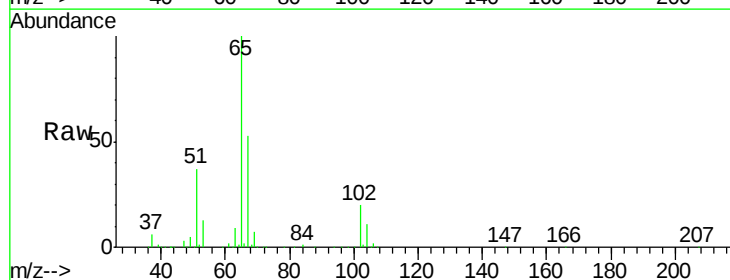
Instrument :
MSVOA_W
ClientSampled :

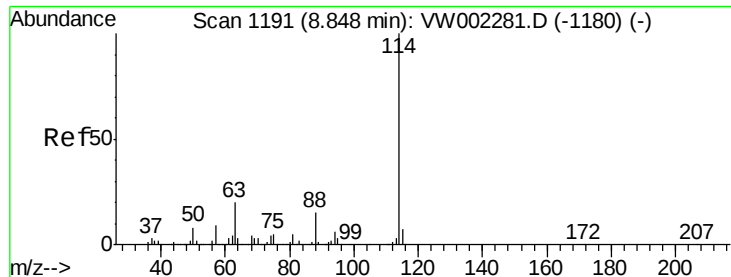
Tot Ion: 56 Resp: 4252
Ion Ratio Lower Upper
56 100
69 181.3 26.2 39.4#
84 121.6 69.2 103.8#



#33
1,2-Dichloroethane-d4
Concen: 54.78 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VW002398.D
Acq: 11 May 2018 00:23

Tgt Ion: 65 Resp: 114139
Ion Ratio Lower Upper
65 100
67 52.4 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW002398.D

Acq: 11 May 2018 00:23

Instrument :

MSVOA_W

ClientSampleId :

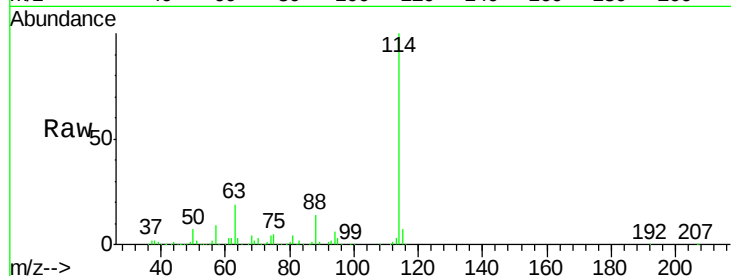
Tot Ion:114 Resp: 312451

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.0

88 13.6 0.0 29.6



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

8.85

200000

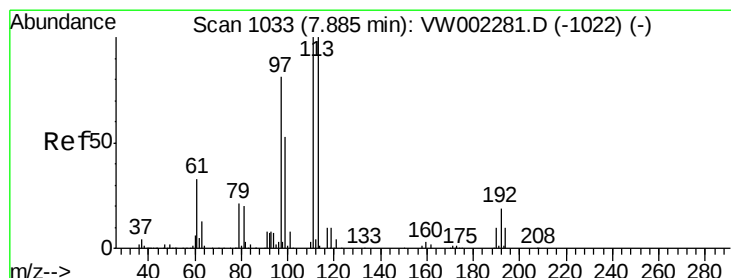
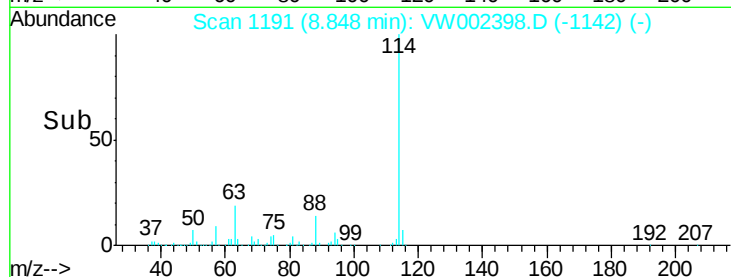
150000

100000

50000

0

Time--> 8.70 8.80 8.90 9.00



#35

Dibromofluoromethane

Concen: 51.73 ug/l

RT: 7.88 min Scan# 1032

Delta R.T. -0.01 min

Lab File: VW002398.D

Acq: 11 May 2018 00:23

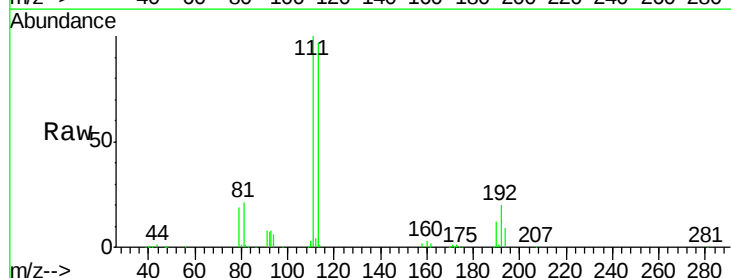
Tgt Ion:113 Resp: 103591

Ion Ratio Lower Upper

113 100

111 102.2 81.5 122.3

192 21.4 16.4 24.6



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

7.88

60000

50000

40000

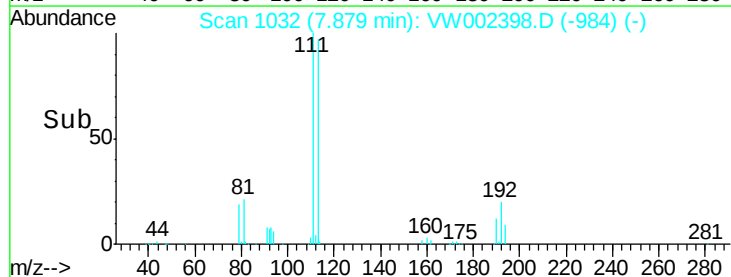
30000

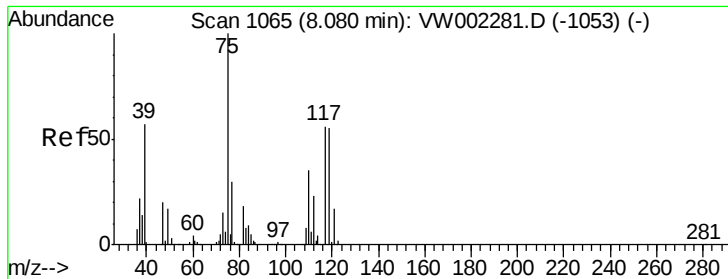
20000

10000

0

Time--> 7.80 7.90 8.00

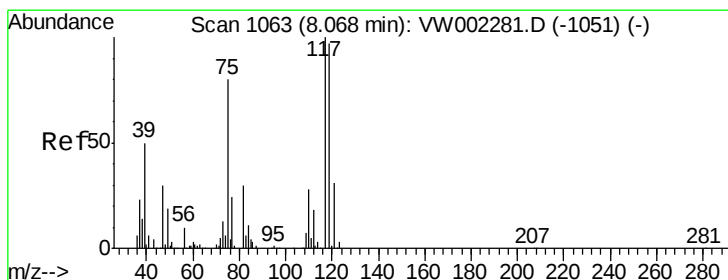
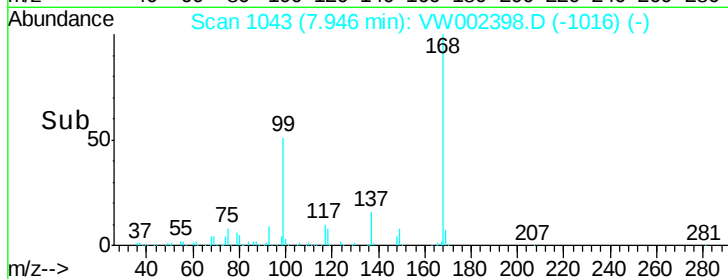
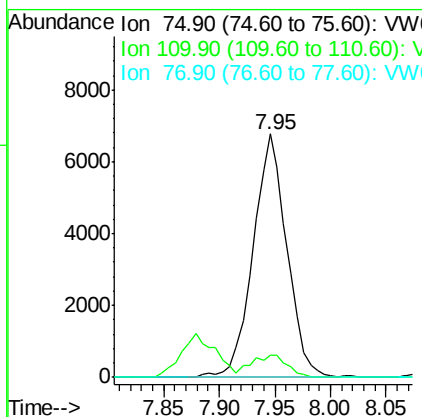
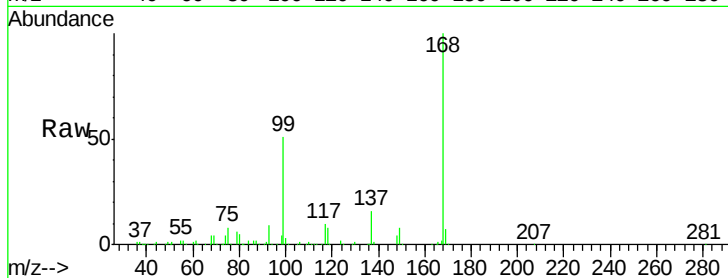




#36
 1,1-Dichloropropene
 Concen: 5.05 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW002398.D
 Acq: 11 May 2018 00:23

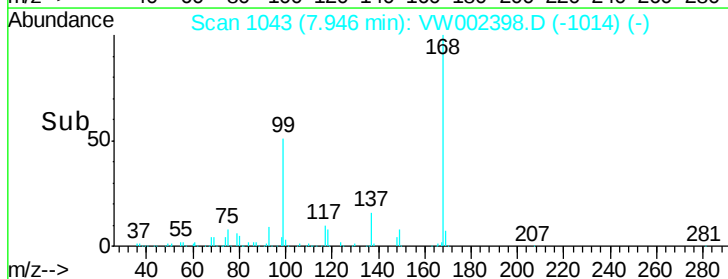
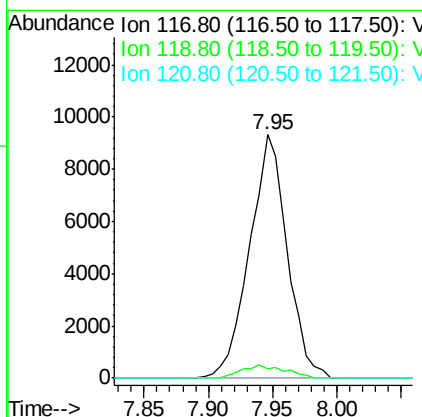
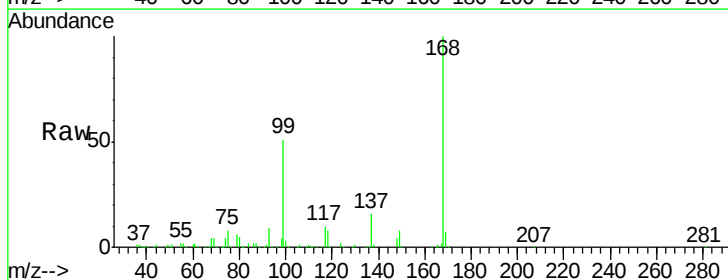
Instrument :
 MSVOA_W
 ClientSampleId :

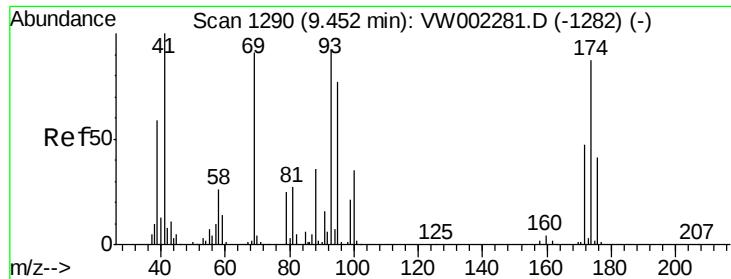
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.1	54.1#
77	0.0	24.5	36.7#



#38
 Carbon Tetrachloride
 Concen: 6.87 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.12 min
 Lab File: VW002398.D
 Acq: 11 May 2018 00:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.1	77.5	116.3#
121	0.0	24.4	36.6#

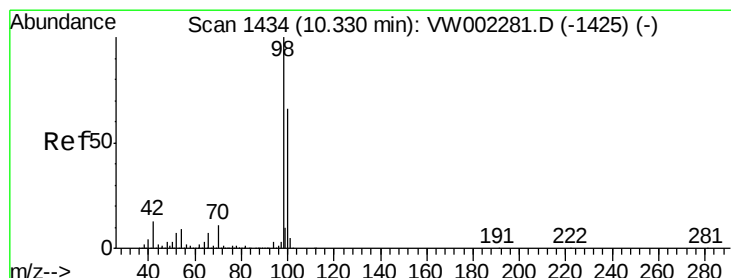
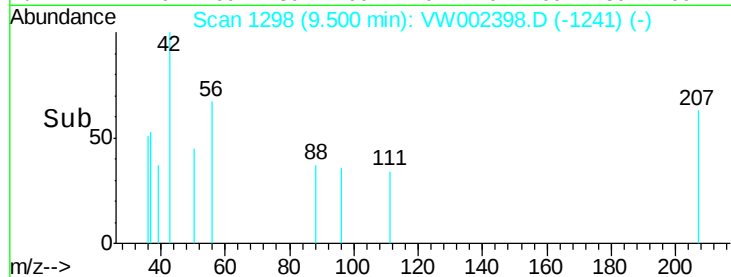
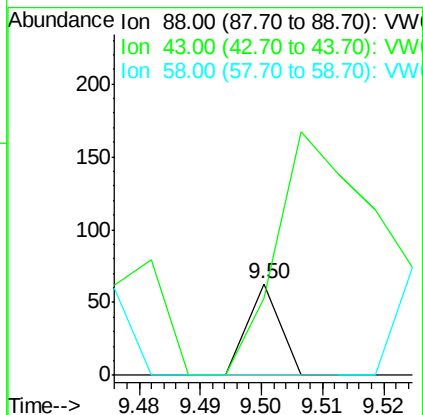
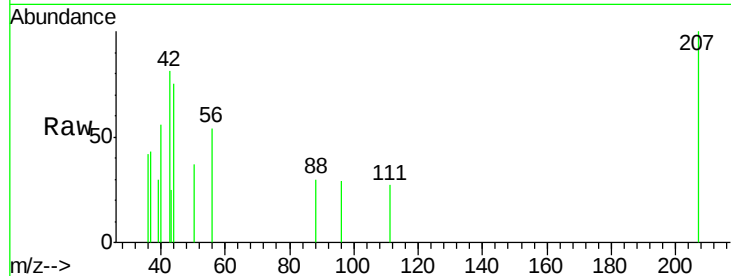




#49
 1,4-Dioxane
 Concen: 1.25 ug/l
 RT: 9.50 min Scan# 1298
 Delta R.T. 0.05 min
 Lab File: VW002398.D
 Acq: 11 May 2018 00:23

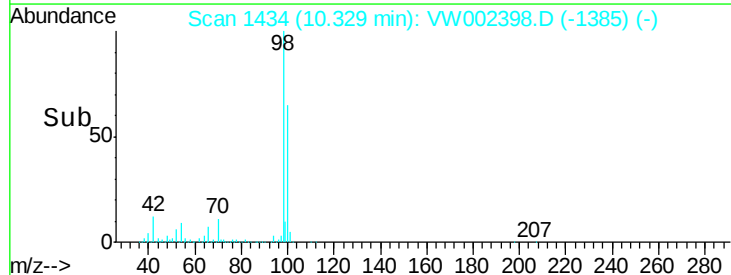
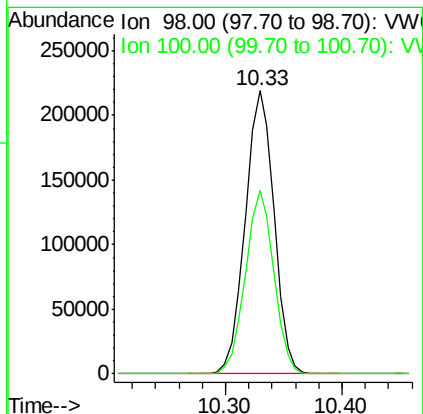
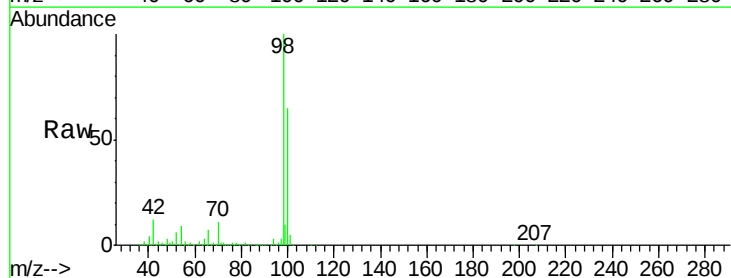
Instrument :
 MSVOA_W
 ClientSampled :

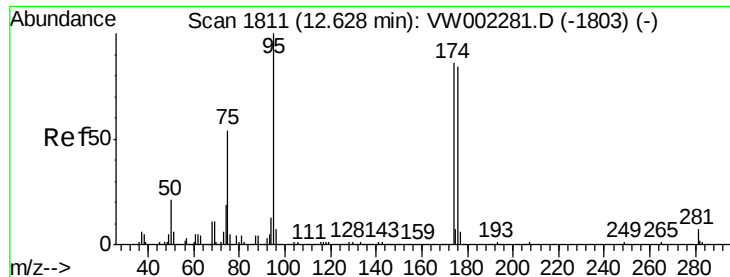
Tot Ion: 88 Resp: 23
 Ion Ratio Lower Upper
 88 100
 43 1534.8 26.3 39.5#
 58 0.0 56.0 84.0#



#50
 Toluene-d8
 Concen: 49.68 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW002398.D
 Acq: 11 May 2018 00:23

Tgt Ion: 98 Resp: 379417
 Ion Ratio Lower Upper
 98 100
 100 63.8 51.4 77.2

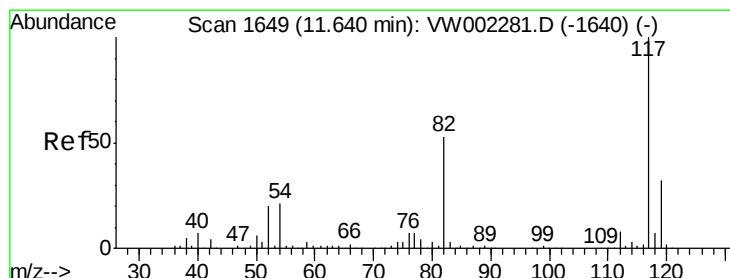
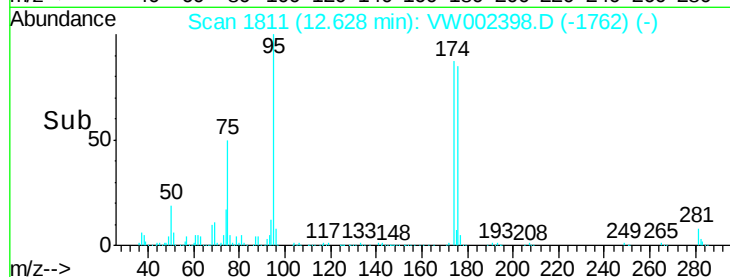
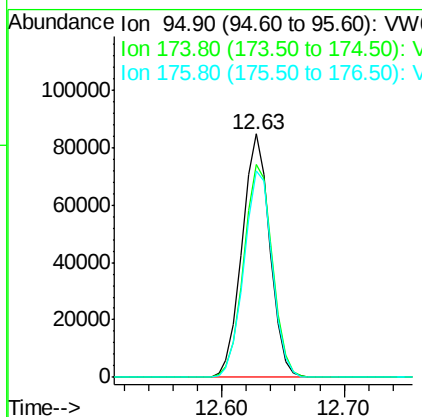
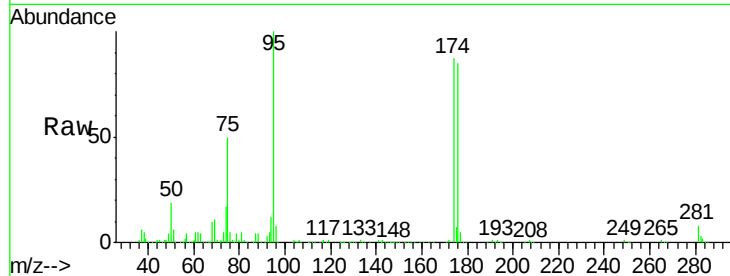




#62
4-Bromofluorobenzene
Concen: 48.34 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW002398.D
Acq: 11 May 2018 00:23

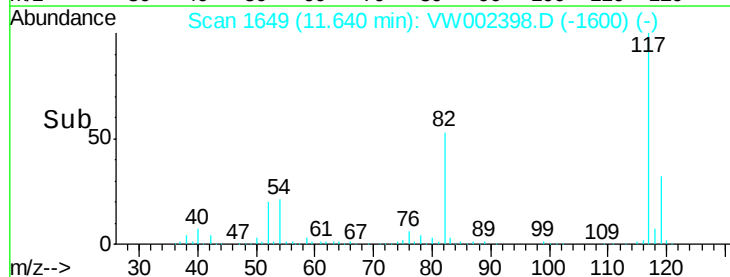
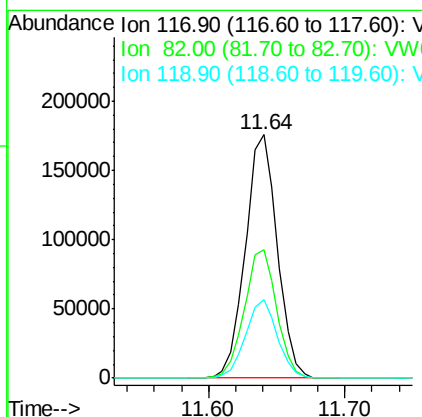
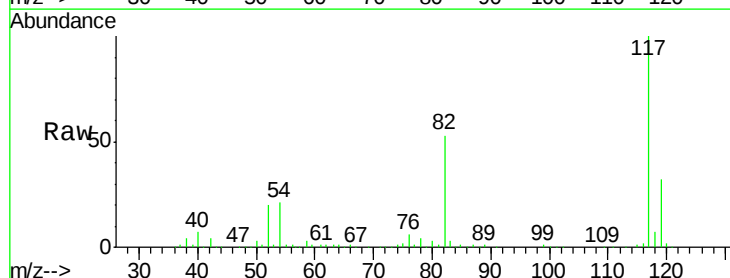
Instrument :
MSVOA_W
ClientSampled :

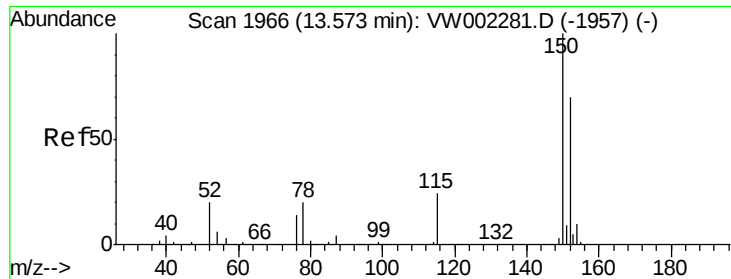
Tot Ion: 95 Resp: 133401
Ion Ratio Lower Upper
95 100
174 90.1 0.0 176.8
176 86.5 0.0 170.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002398.D
Acq: 11 May 2018 00:23

Tgt Ion: 117 Resp: 288222
Ion Ratio Lower Upper
117 100
82 52.6 42.6 63.8
119 32.1 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1966

Delta R.T. -0.00 min

Lab File: VW002398.D

Acq: 11 May 2018 00:23

Instrument :

MSVOA_W

ClientSampleId :

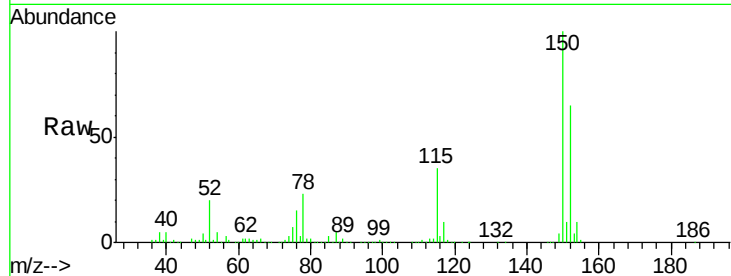
Tot Ion:152 Resp: 148452

Ion Ratio Lower Upper

152 100

115 55.5 28.5 85.5

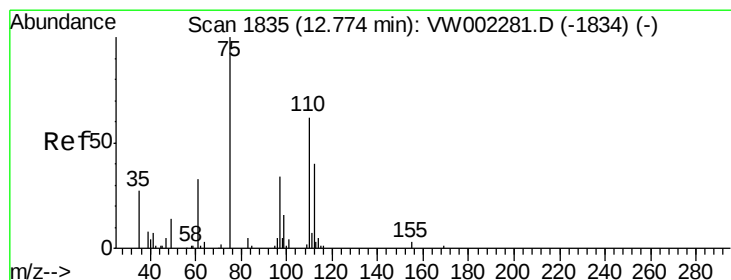
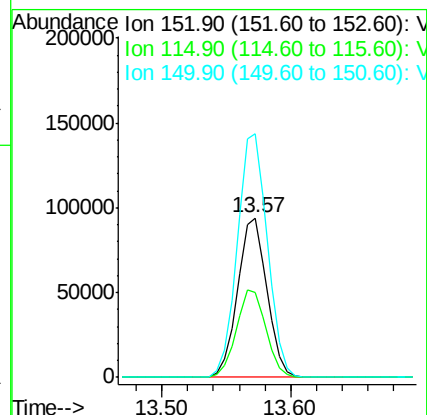
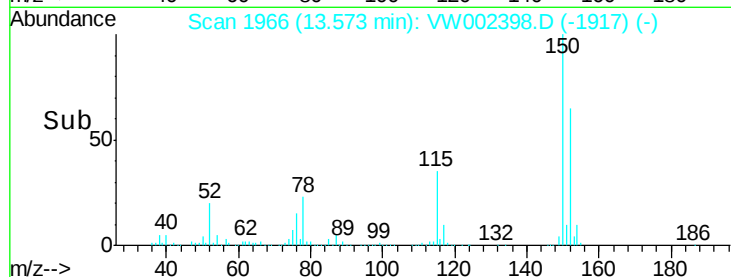
150 156.7 0.0 342.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 52.50 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW002398.D

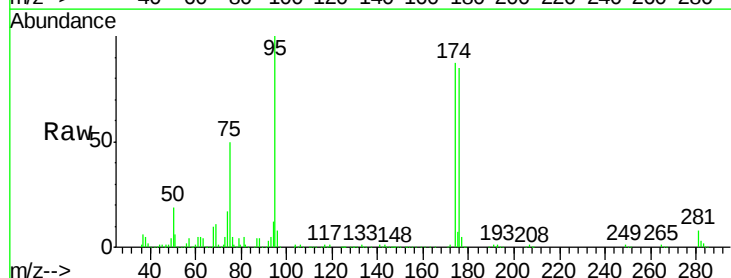
Acq: 11 May 2018 00:23

Tgt Ion: 75 Resp: 69112

Ion Ratio Lower Upper

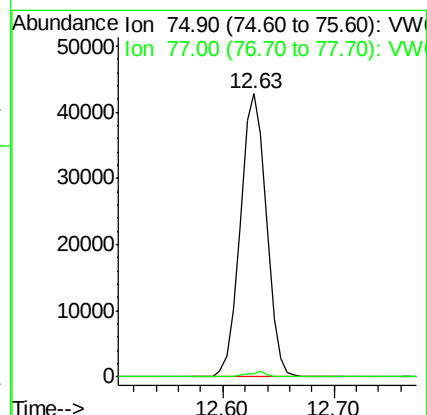
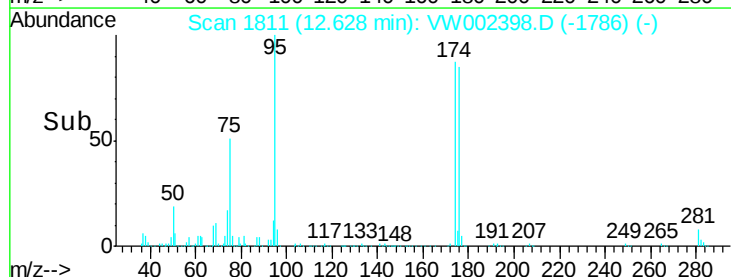
75 100

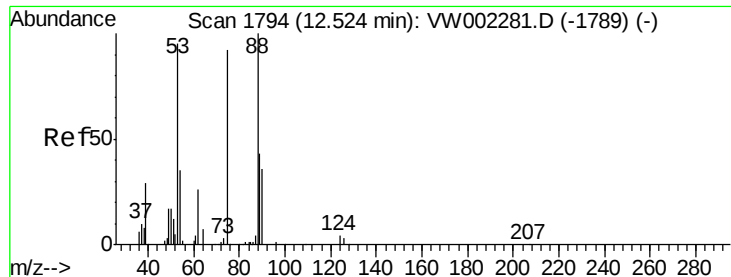
77 1.4 187.5 562.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 138.29 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.10 min

Lab File: VW002398.D

Acq: 11 May 2018 00:23

Instrument :

MSVOA_W

ClientSampleId :

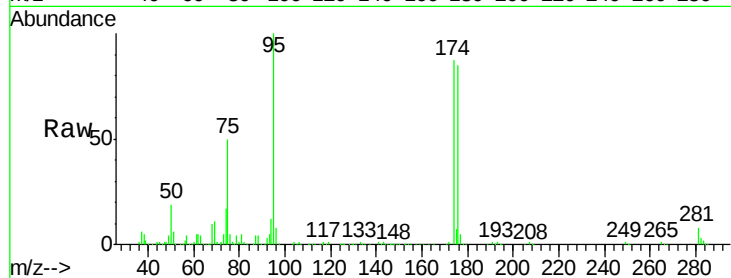
Tot Ion: 75 Resp: 69112

Ion Ratio Lower Upper

75 100

53 0.0 79.9 119.9#

89 0.1 37.6 56.4#



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

