

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051018\
 Data File : VW002408.D
 Acq On : 11 May 2018 04:34
 Operator : JC/SY
 Sample : J2822-09
 Misc : 6.44G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 11 06:51:07 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	172539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	272876	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	251881	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	126194	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	79440	43.36	ug/l	0.00
Spiked Amount						
			Recovery	=	86.72%	
35) Dibromofluoromethane	7.88	113	75383	43.10	ug/l	0.00
Spiked Amount						
			Recovery	=	86.20%	
50) Toluene-d8	10.33	98	248886	37.32	ug/l	0.00
Spiked Amount						
			Recovery	=	74.64%	
62) 4-Bromofluorobenzene	12.63	95	93392	38.75	ug/l	0.00
Spiked Amount						
			Recovery	=	77.50%	

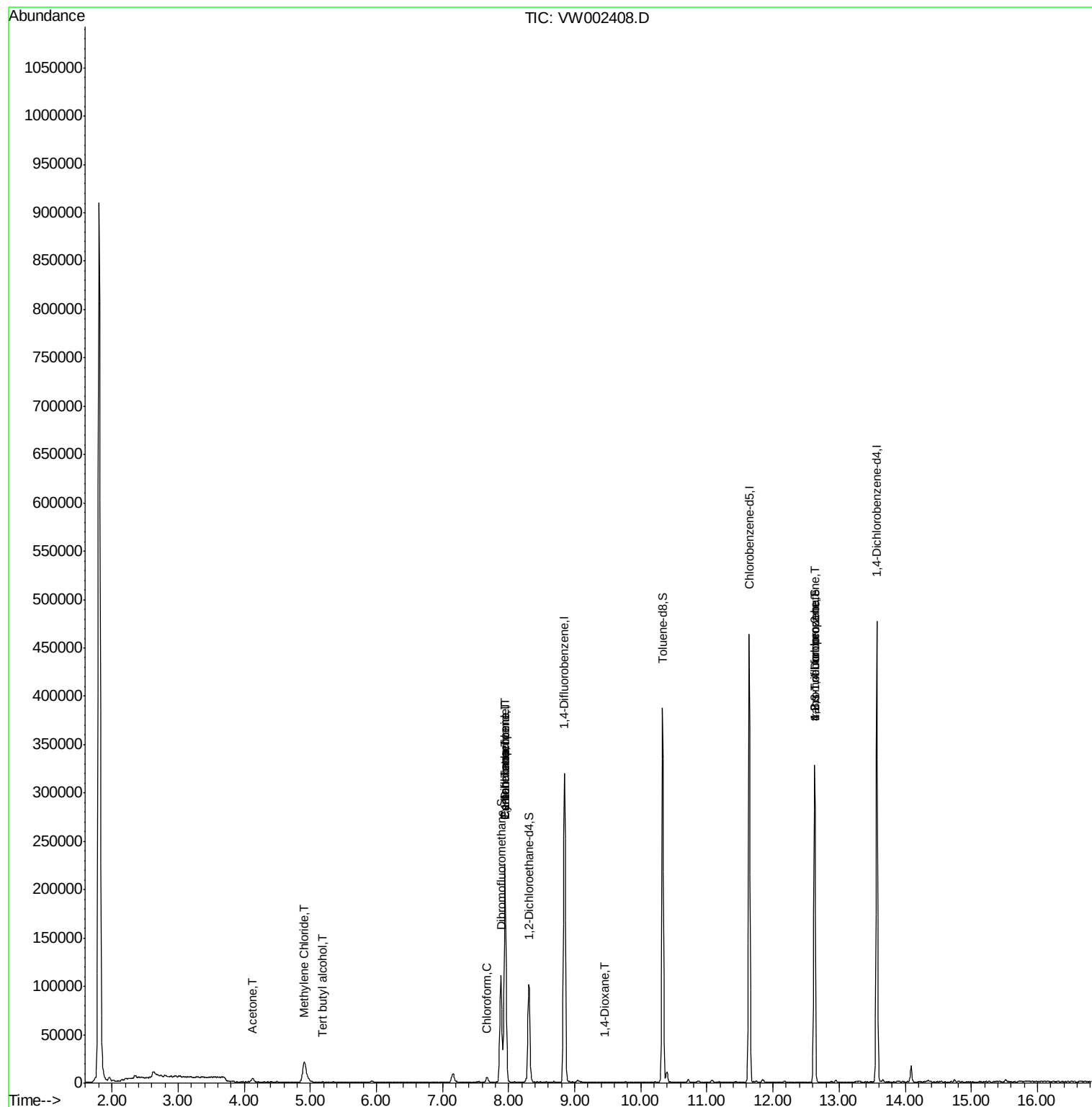
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.19	59	322	2.42	ug/l #	90
16) Acetone	4.13	43	6530	18.25	ug/l	98
20) Methylene Chloride	4.90	84	20547	11.91	ug/l	94
30) Chloroform	7.67	83	4723	1.48	ug/l	98
31) Cyclohexane	7.95	56	3754	1.38	ug/l #	6
36) 1,1-Dichloropropene	7.95	75	13039	5.28	ug/l #	51
38) Carbon Tetrachloride	7.95	117	16357	6.85	ug/l #	15
49) 1,4-Dioxane	9.46	88	52	3.24	ug/l #	55
76) 1,2,3-Trichloropropane	12.63	75	48008	42.90	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	48008	113.01	ug/l #	10

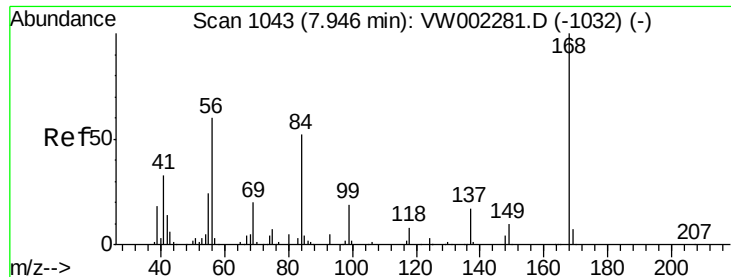
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 08 03:57:58 2018
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: VW002408.D

Acq: 11 May 2018 04:34

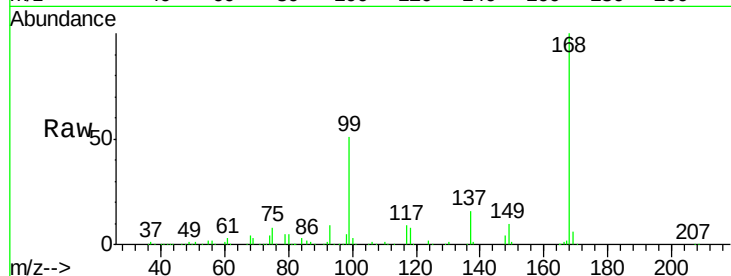
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 172539

Ion Ratio Lower Upper

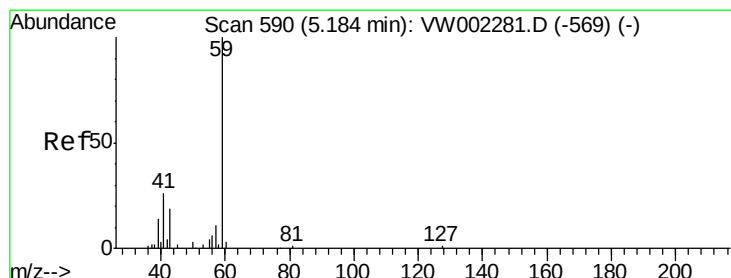
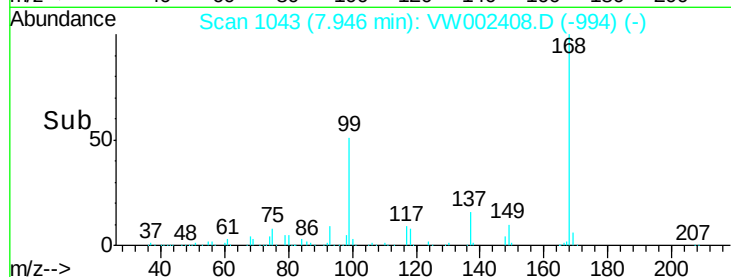
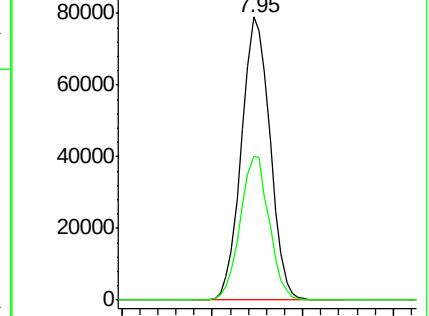
168 100

99 50.6 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 2.42 ug/l

RT: 5.19 min Scan# 591

Delta R.T. 0.01 min

Lab File: VW002408.D

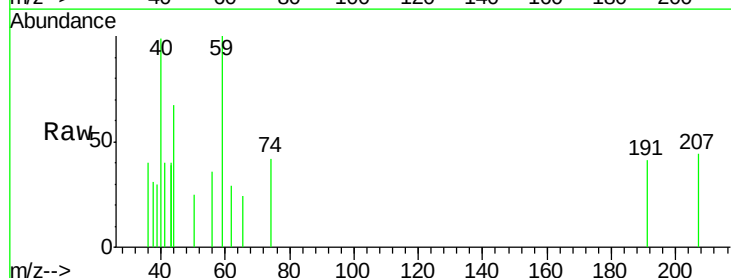
Acq: 11 May 2018 04:34

Tgt Ion: 59 Resp: 322

Ion Ratio Lower Upper

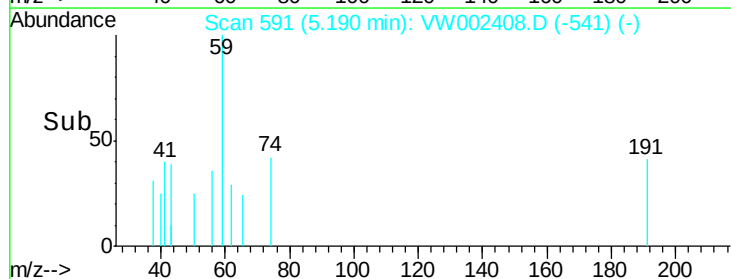
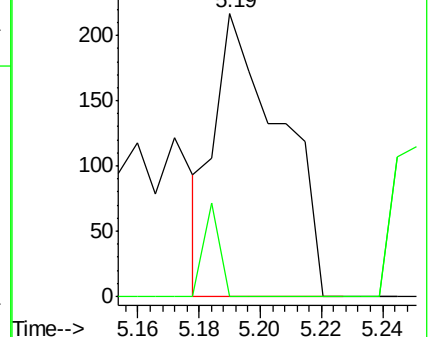
59 100

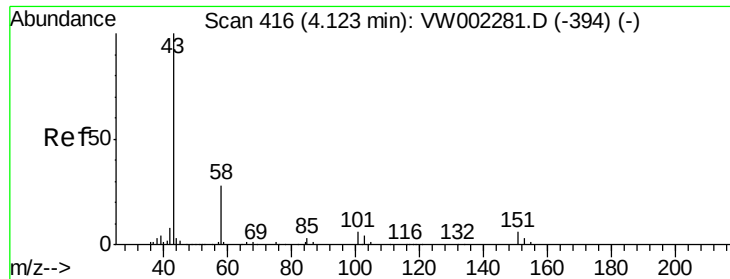
57 8.1 3.9 5.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 18.25 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW002408.D

Acq: 11 May 2018 04:34

Instrument :

MSVOA_W

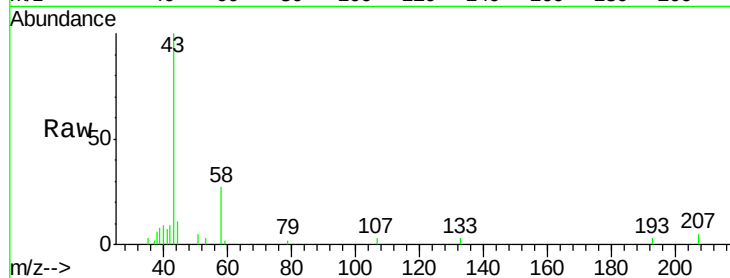
ClientSampled :

Tot Ion: 43 Resp: 6530

Ion Ratio Lower Upper

43 100

58 27.0 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

2500

2000

1500

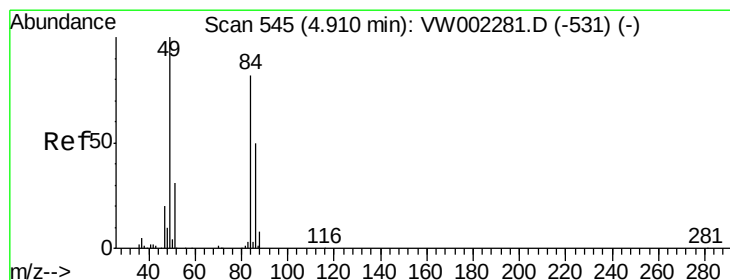
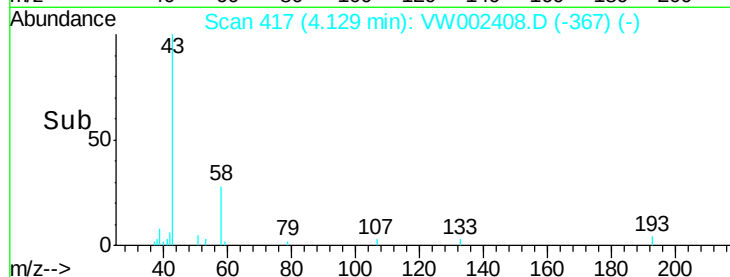
1000

500

0

Time-->

4.00 4.05 4.10 4.15 4.20



#20

Methylene Chloride

Concen: 11.91 ug/l

RT: 4.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW002408.D

Acq: 11 May 2018 04:34

Tgt Ion: 84 Resp: 20547

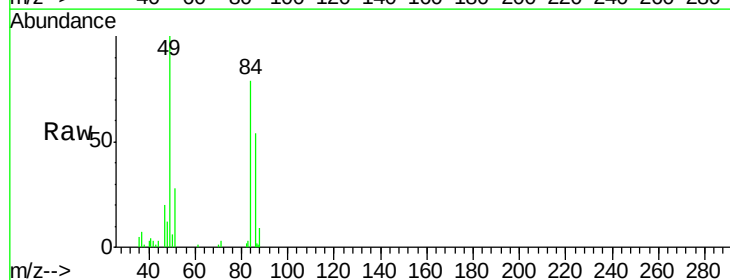
Ion Ratio Lower Upper

84 100

49 126.7 97.7 146.5

51 35.5 30.2 45.4

86 68.7 48.9 73.3



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

8000

6000

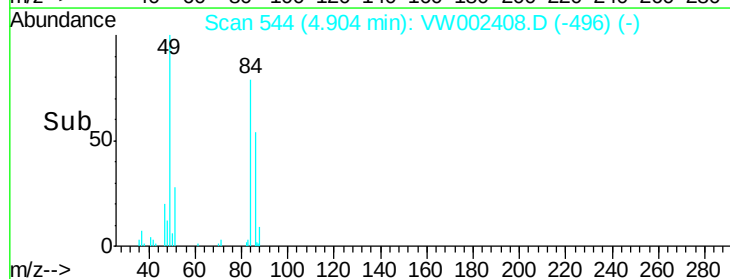
4000

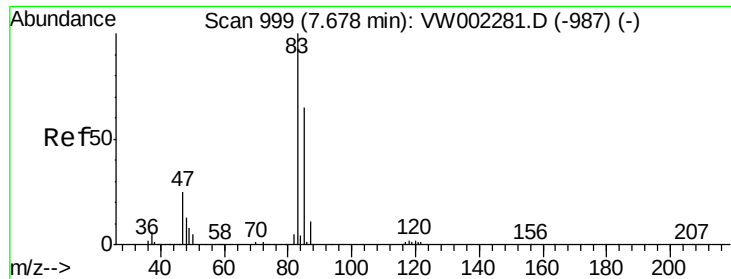
2000

0

Time-->

4.80 4.90 5.00 5.10

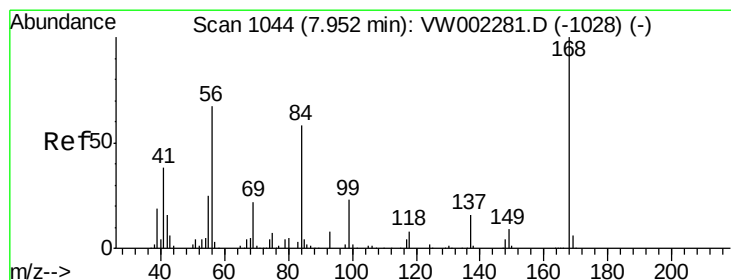
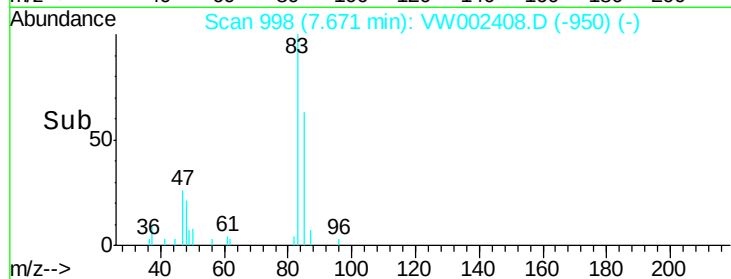
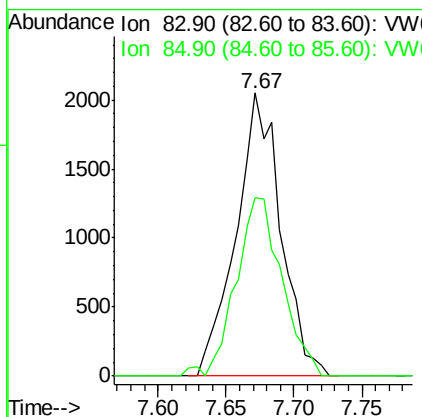
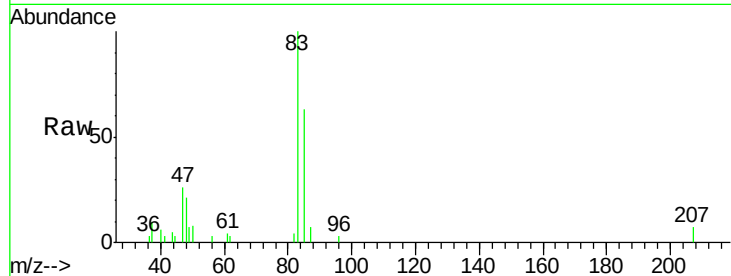




#30
Chloroform
Concen: 1.48 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.01 min
Lab File: VW002408.D
Acq: 11 May 2018 04:34

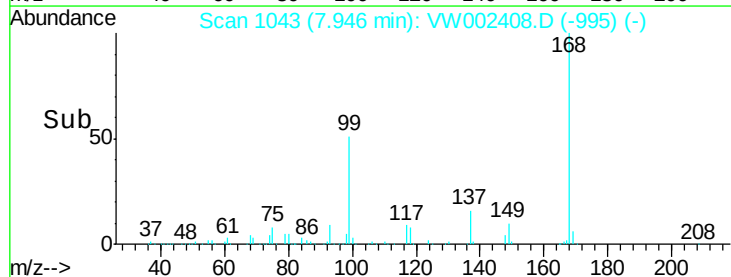
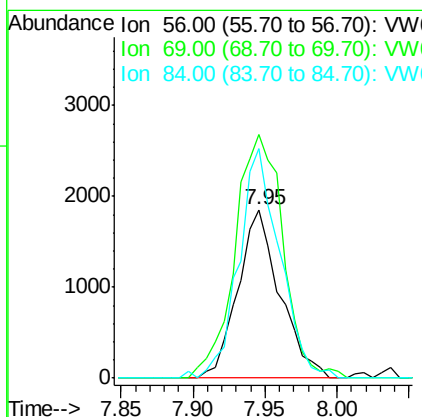
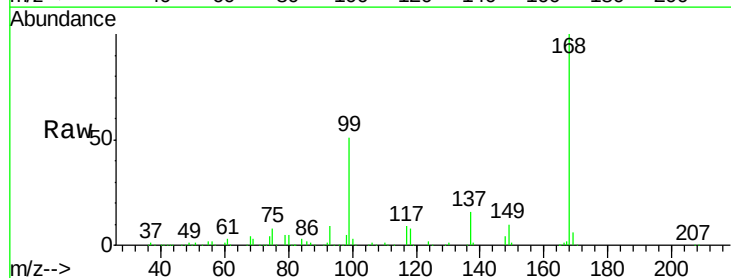
Instrument :
MSVOA_W
ClientSampleId :

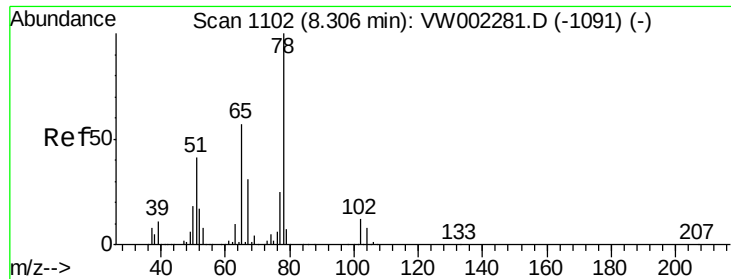
Tot Ion: 83 Resp: 4723
Ion Ratio Lower Upper
83 100
85 63.2 51.8 77.6



#31
Cyclohexane
Concen: 1.38 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW002408.D
Acq: 11 May 2018 04:34

Tgt Ion: 56 Resp: 3754
Ion Ratio Lower Upper
56 100
69 144.8 26.2 39.4#
84 136.9 69.2 103.8#





#33

1,2-Dichloroethane-d4

Concen: 43.36 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW002408.D

Acq: 11 May 2018 04:34

Instrument :

MSVOA_W

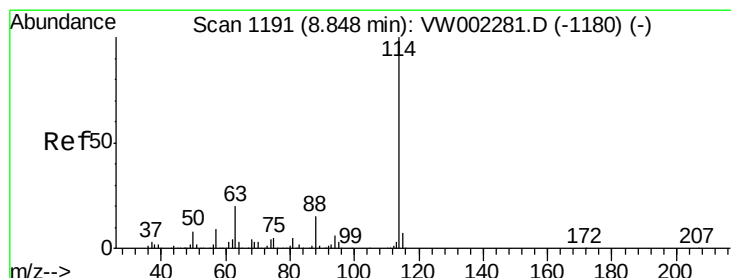
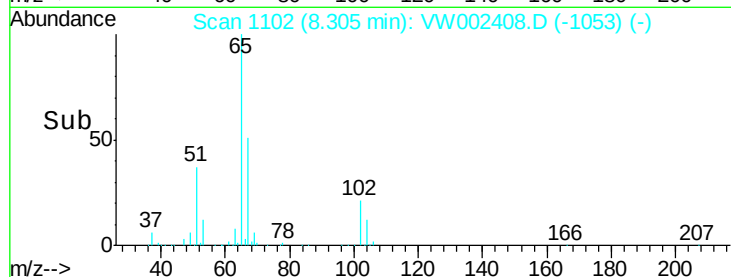
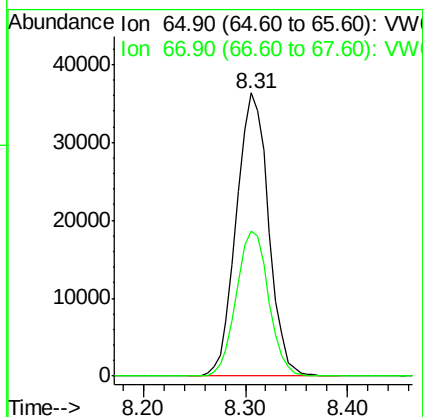
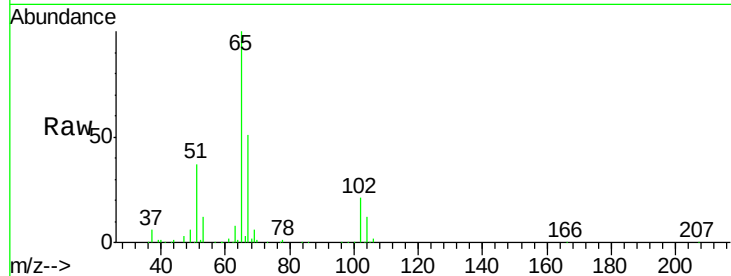
ClientSampleId :

Tot Ion: 65 Resp: 79440

Ion Ratio Lower Upper

65 100

67 51.4 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.84 min Scan# 1190

Delta R.T. -0.01 min

Lab File: VW002408.D

Acq: 11 May 2018 04:34

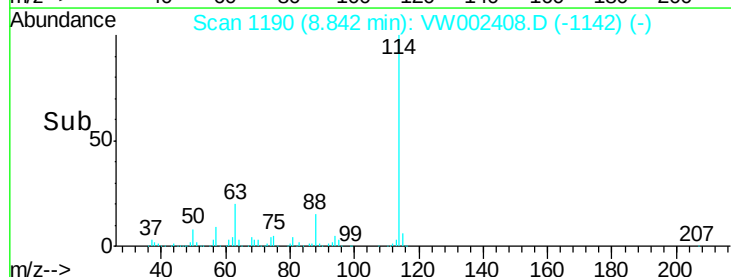
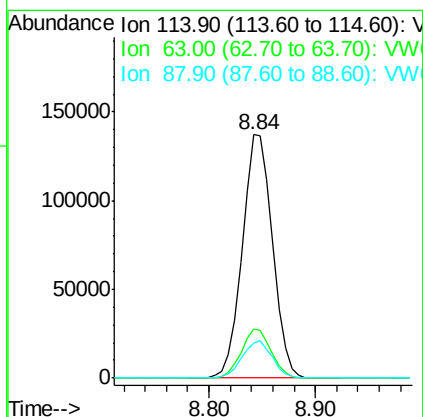
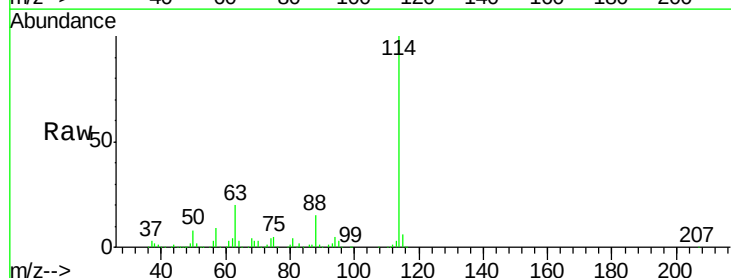
Tgt Ion: 114 Resp: 272876

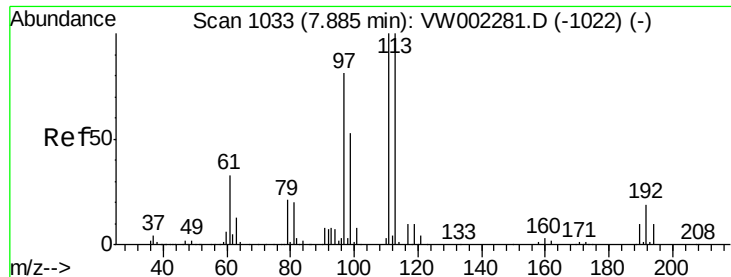
Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.0

88 14.5 0.0 29.6

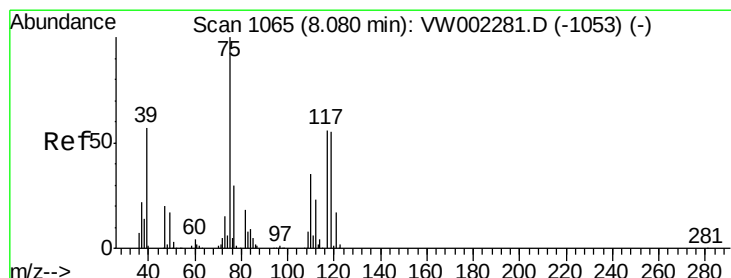
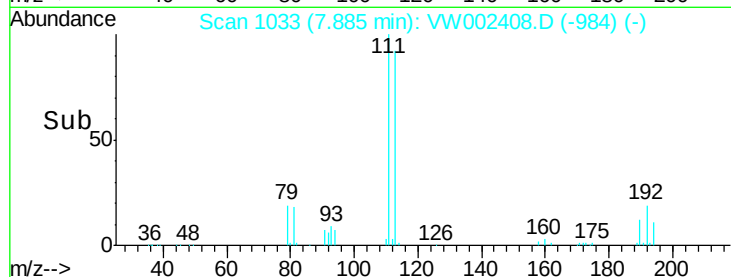
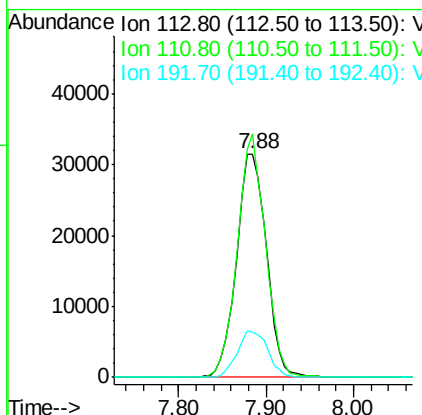
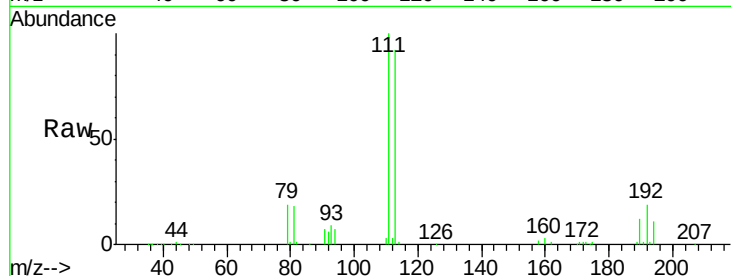




#35
 Dibromofluoromethane
 Concen: 43.10 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002408.D
 Acq: 11 May 2018 04:34

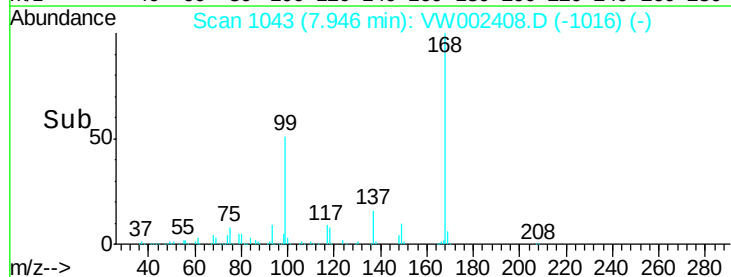
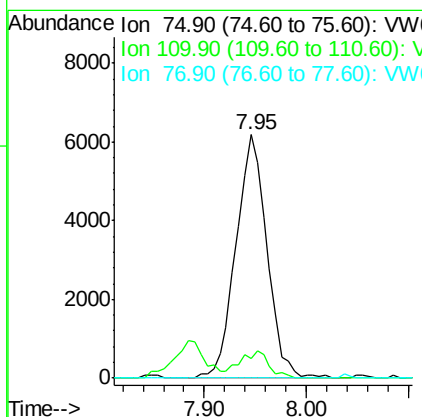
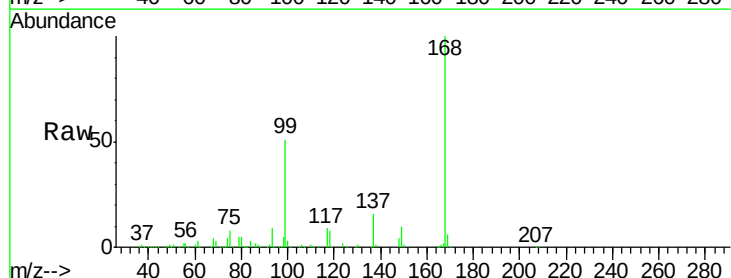
Instrument :
 MSVOA_W
 ClientSampleId :

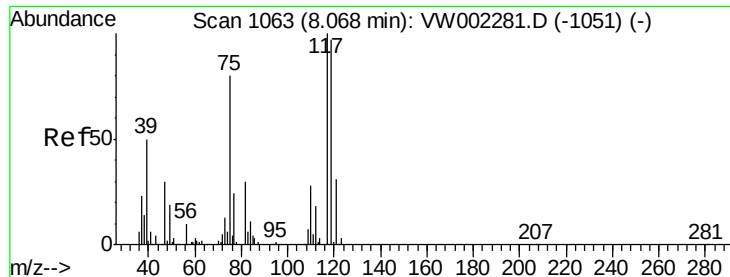
Tot Ion:113 Resp: 75383
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.5 122.3
 192 21.0 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 5.28 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW002408.D
 Acq: 11 May 2018 04:34

Tgt Ion: 75 Resp: 13039
 Ion Ratio Lower Upper
 75 100
 110 10.3 18.1 54.1#
 77 0.0 24.5 36.7#





#38

Carbon Tetrachloride

Concen: 6.85 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.12 min

Lab File: VW002408.D

Acq: 11 May 2018 04:34

Instrument :
MSVOA_W
ClientSampled :

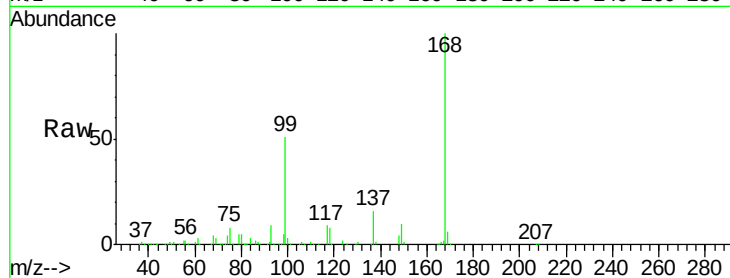
Tot Ion:117 Resp: 16357

Ion Ratio Lower Upper

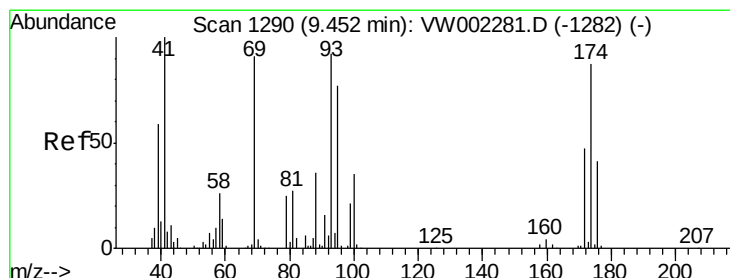
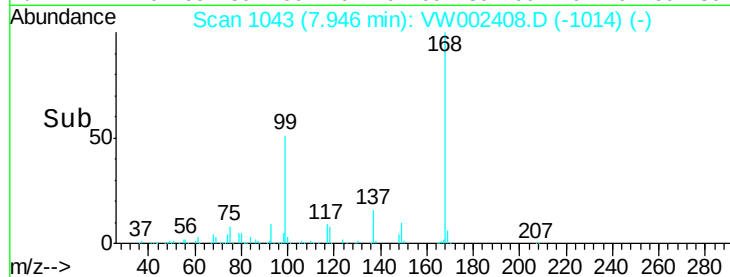
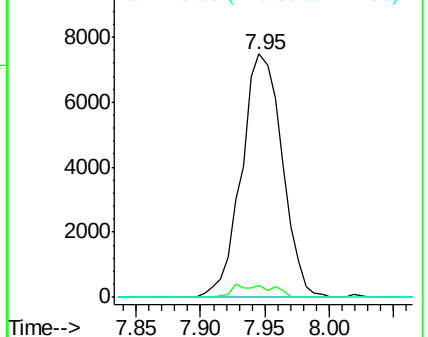
117 100

119 4.7 77.5 116.3#

121 0.0 24.4 36.6#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V



#49

1,4-Dioxane

Concen: 3.24 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.01 min

Lab File: VW002408.D

Acq: 11 May 2018 04:34

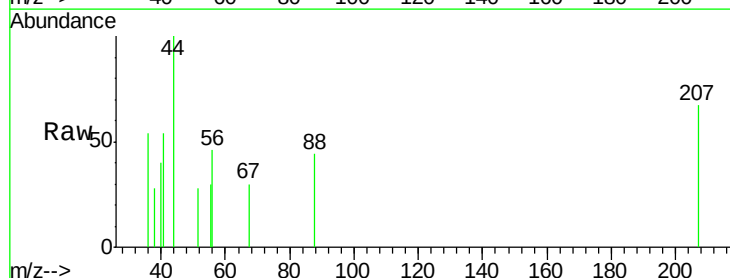
Tgt Ion: 88 Resp: 52

Ion Ratio Lower Upper

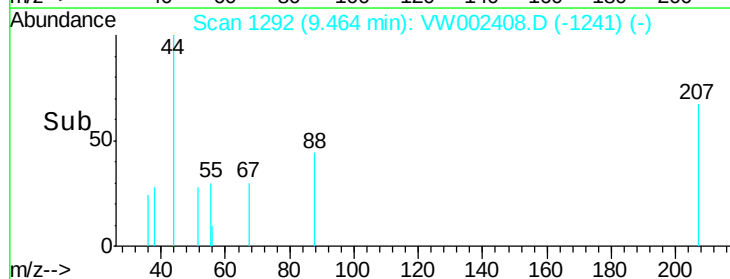
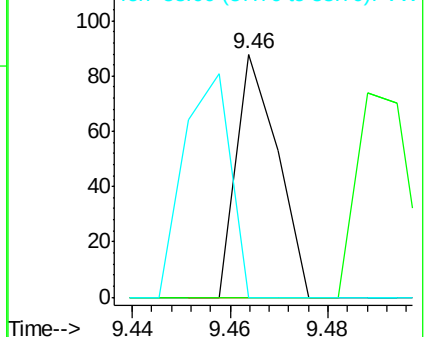
88 100

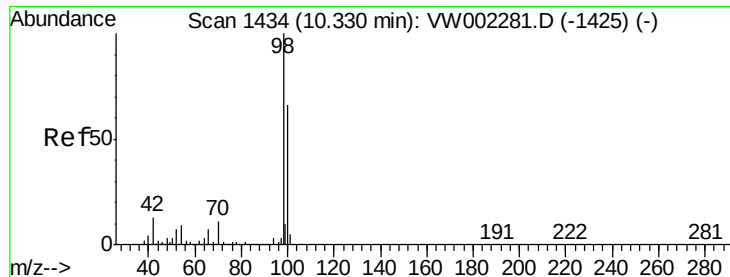
43 0.0 26.3 39.5#

58 101.9 56.0 84.0#



Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 37.32 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002408.D

Acq: 11 May 2018 04:34

Instrument :

MSVOA_W

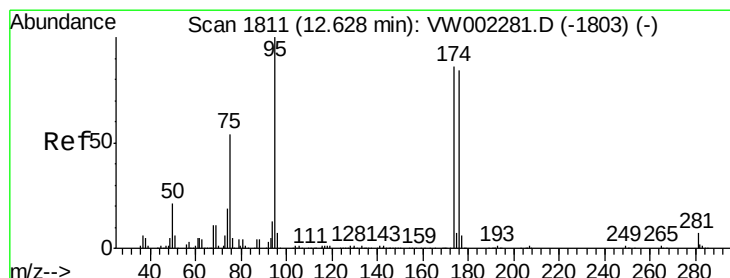
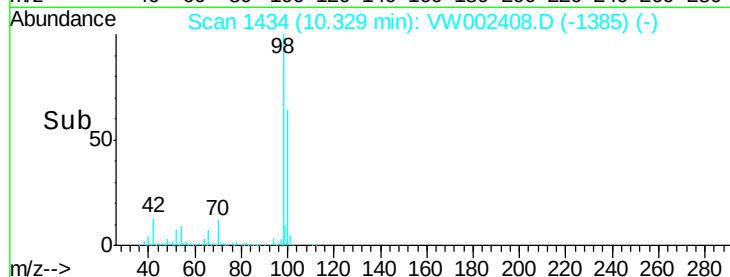
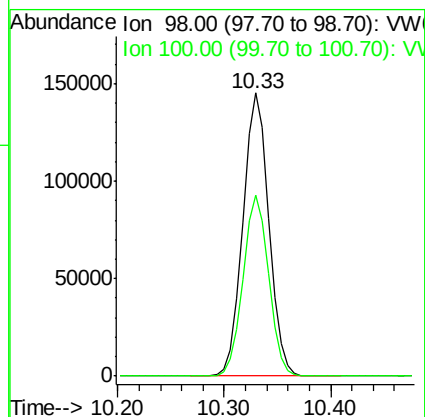
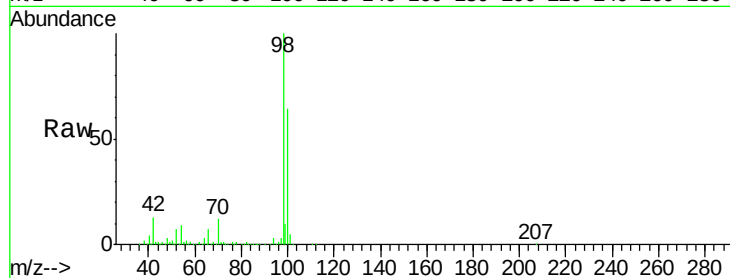
ClientSampleId :

Tot Ion: 98 Resp: 248886

Ion Ratio Lower Upper

98 100

100 63.1 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 38.75 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002408.D

Acq: 11 May 2018 04:34

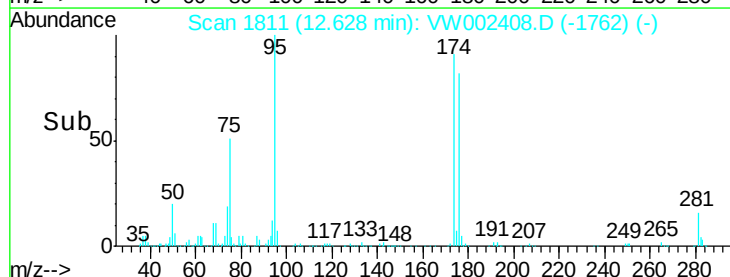
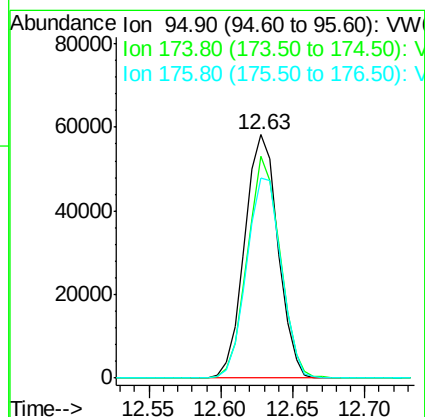
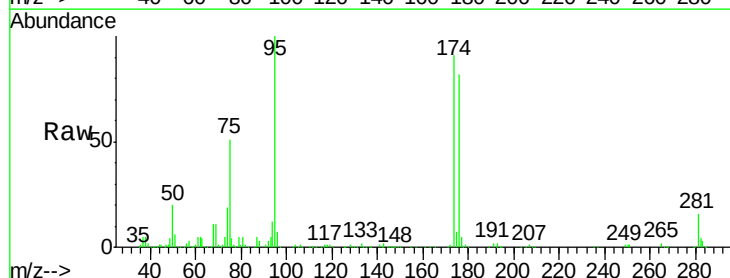
Tgt Ion: 95 Resp: 93392

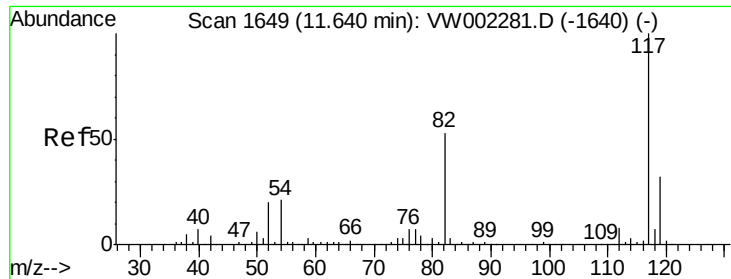
Ion Ratio Lower Upper

95 100

174 89.1 0.0 176.8

176 85.1 0.0 170.4

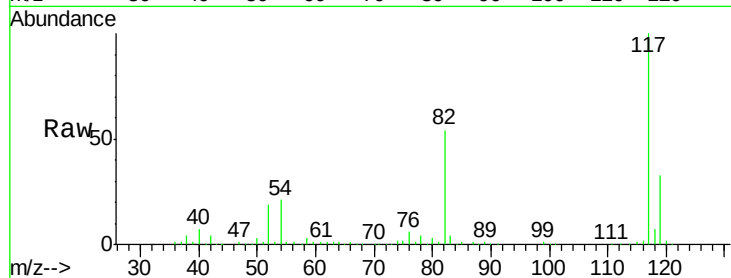




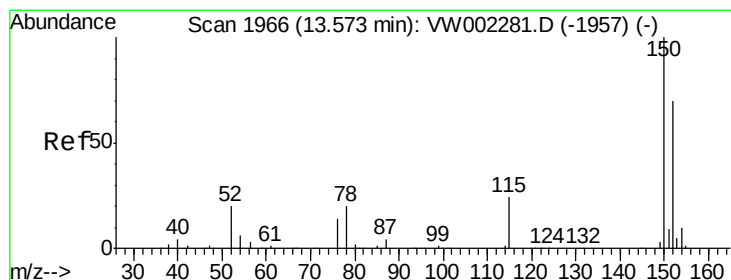
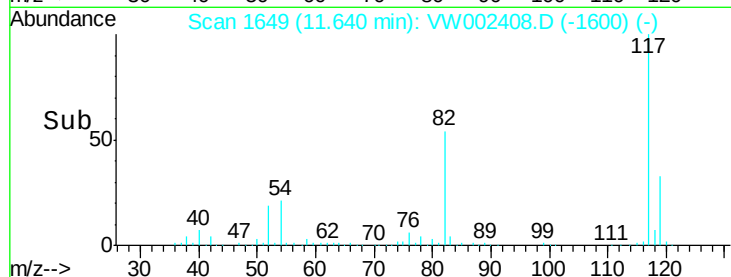
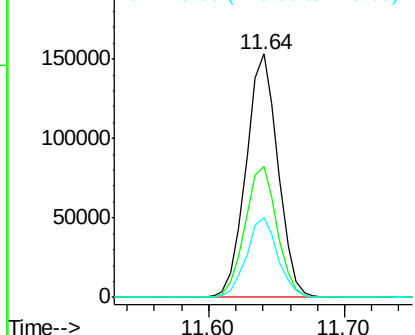
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002408.D
Acq: 11 May 2018 04:34

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 251881
Ion Ratio Lower Upper
117 100
82 53.6 42.6 63.8
119 32.7 25.2 37.8

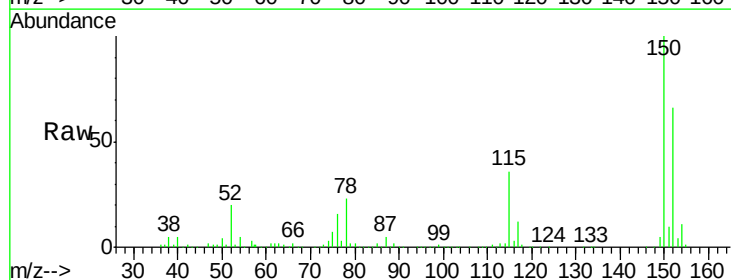


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

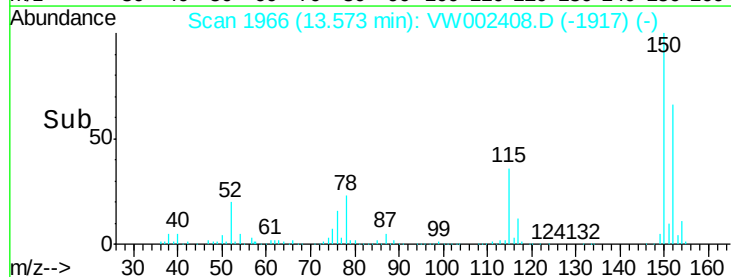
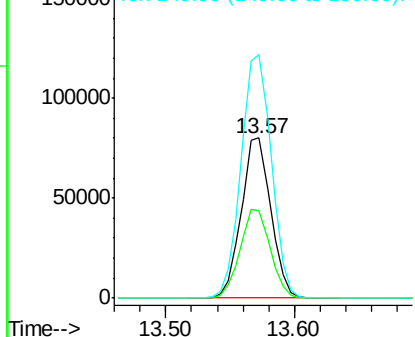


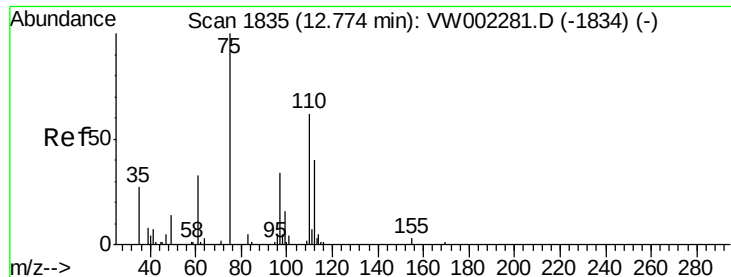
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. -0.00 min
Lab File: VW002408.D
Acq: 11 May 2018 04:34

Tgt Ion:152 Resp: 126194
Ion Ratio Lower Upper
152 100
115 57.0 28.5 85.5
150 156.8 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

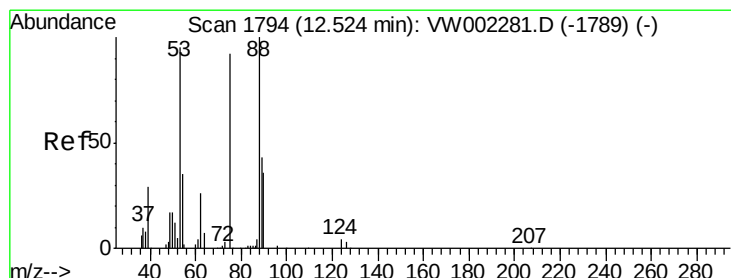
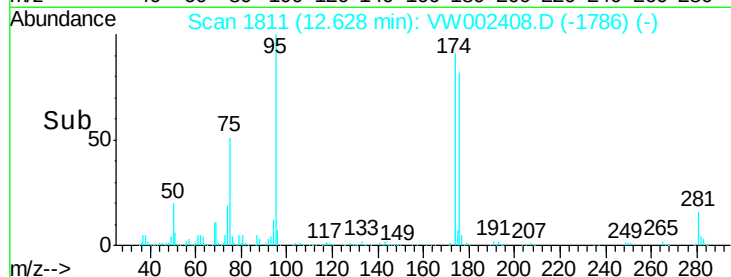
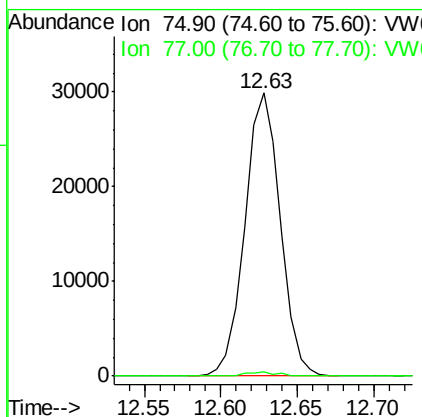
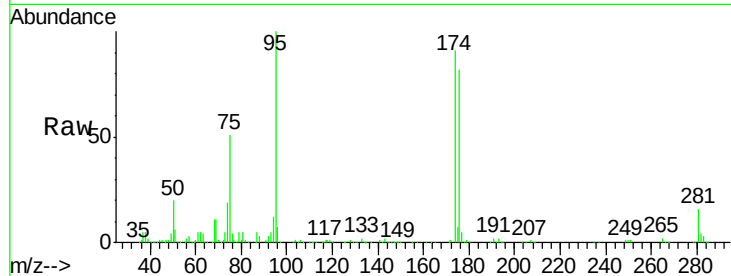




#76
 1,2,3-Trichloropropane
 Concen: 42.90 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. -0.15 min
 Lab File: VW002408.D
 Acq: 11 May 2018 04:34

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 75 Resp: 48008
 Ion Ratio Lower Upper
 75 100
 77 1.3 187.5 562.6#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.01 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.10 min
 Lab File: VW002408.D
 Acq: 11 May 2018 04:34

Tgt Ion: 75 Resp: 48008
 Ion Ratio Lower Upper
 75 100
 53 0.1 79.9 119.9#
 89 0.0 37.6 56.4#

