

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051018\
 Data File : VW002401.D
 Acq On : 11 May 2018 01:39
 Operator : JC/SY
 Sample : J2822-01
 Misc : 5.26G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 11 04:58:41 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	181284	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	288709	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	263111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	134077	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	82895	43.06	ug/l	0.00
Spiked Amount			Recovery	=	86.12%	
35) Dibromofluoromethane	7.88	113	77883	42.09	ug/l	0.00
Spiked Amount			Recovery	=	84.18%	
50) Toluene-d8	10.33	98	260271	36.88	ug/l	0.00
Spiked Amount			Recovery	=	73.76%	
62) 4-Bromofluorobenzene	12.63	95	99107	38.86	ug/l	0.00
Spiked Amount			Recovery	=	77.72%	

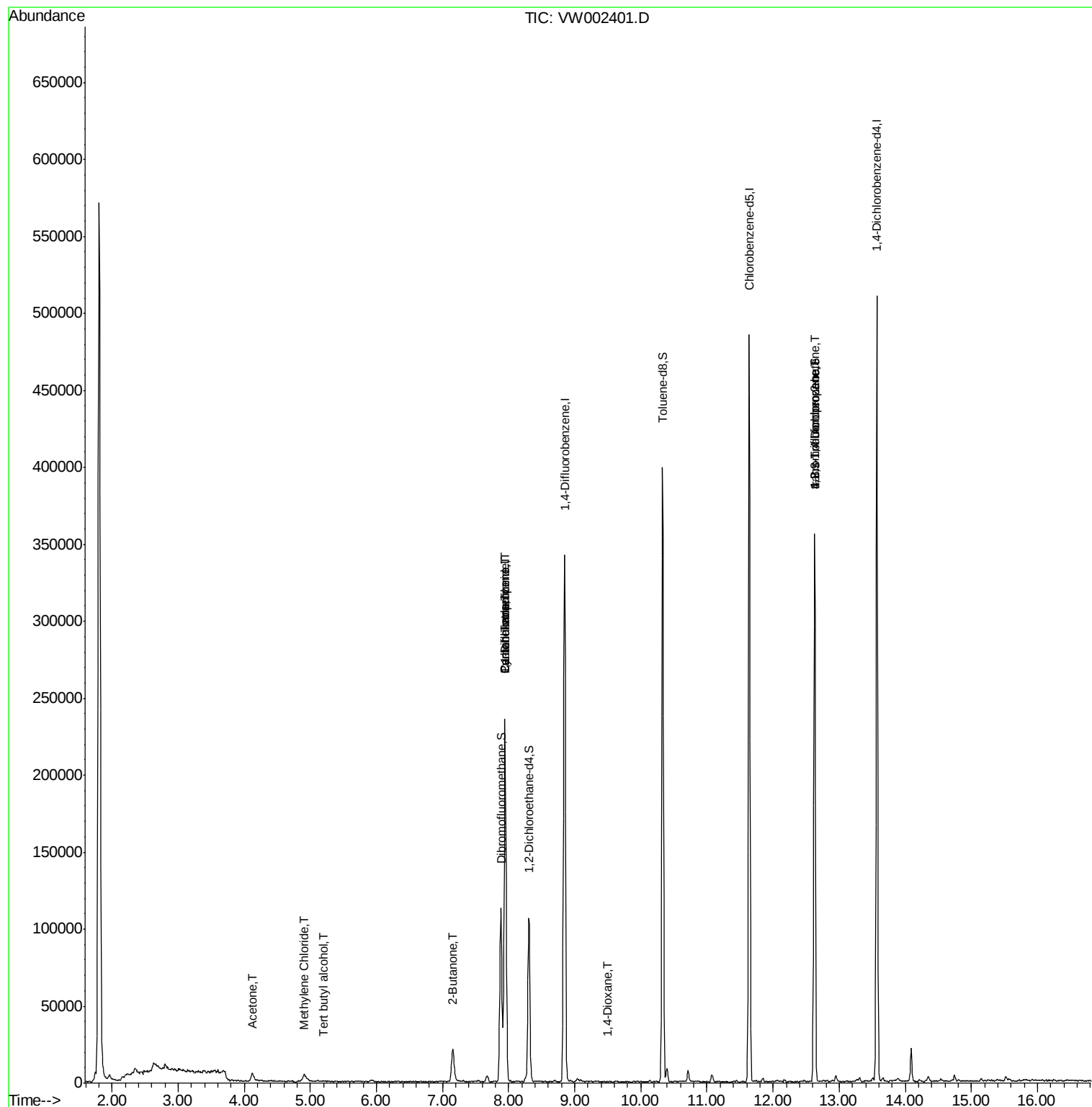
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.19	59	376	2.69	ug/l #	85
16) Acetone	4.12	43	9434	25.09	ug/l	95
20) Methylene Chloride	4.91	84	3867	2.13	ug/l #	86
25) 2-Butanone	7.16	43	2018	3.61	ug/l	90
31) Cyclohexane	7.95	56	4405	1.54	ug/l #	34
36) 1,1-Dichloropropene	7.95	75	12913	4.95	ug/l #	50
38) Carbon Tetrachloride	7.95	117	17273	6.84	ug/l #	16
49) 1,4-Dioxane	9.49	88	41	2.41	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	51291	43.14	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	51291	113.64	ug/l #	10

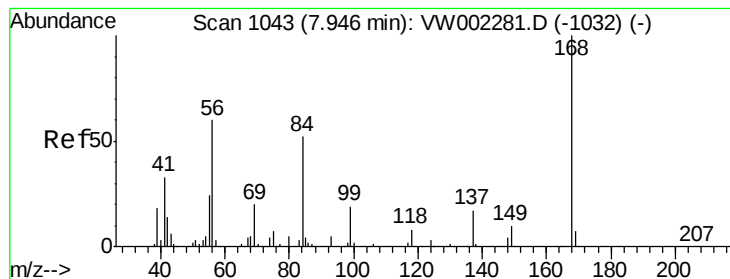
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051018\
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ClientSampleId :

Quant Time: May 11 04:58:41 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VW002401.D

Acq: 11 May 2018 01:39

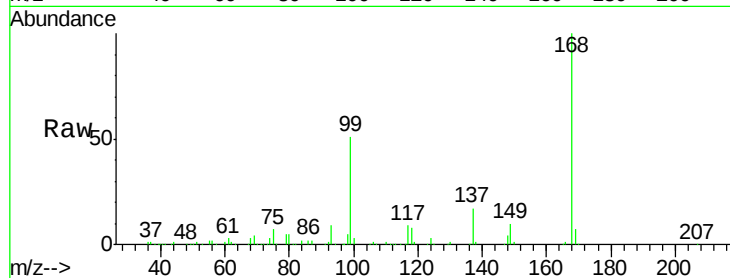
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 181284

Ion Ratio Lower Upper

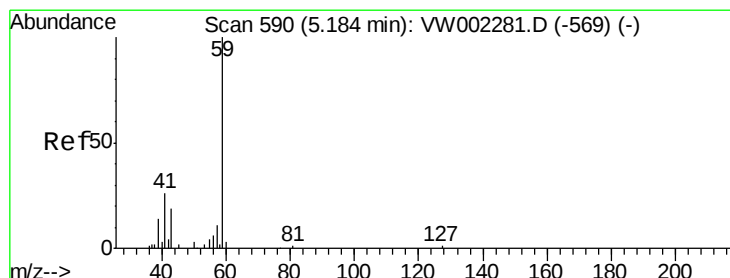
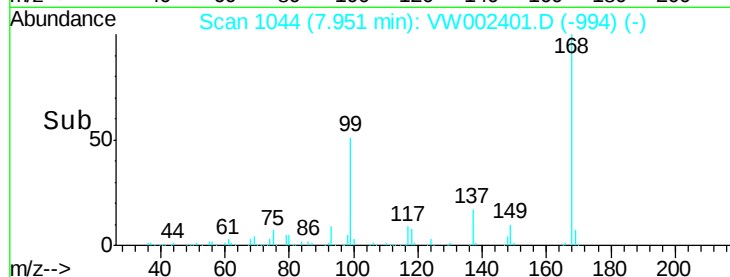
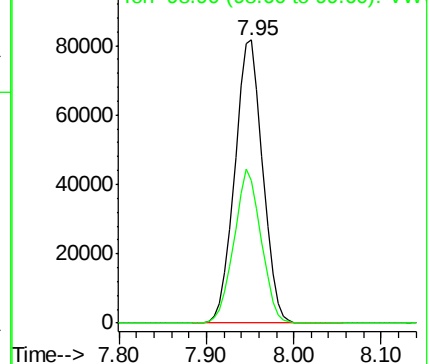
168 100

99 50.5 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: 2.69 ug/l

RT: 5.19 min Scan# 591

Delta R.T. 0.01 min

Lab File: VW002401.D

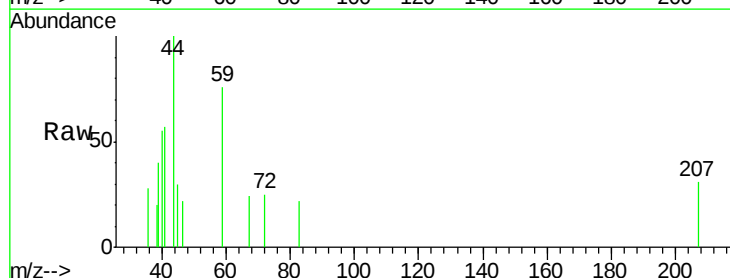
Acq: 11 May 2018 01:39

Tgt Ion: 59 Resp: 376

Ion Ratio Lower Upper

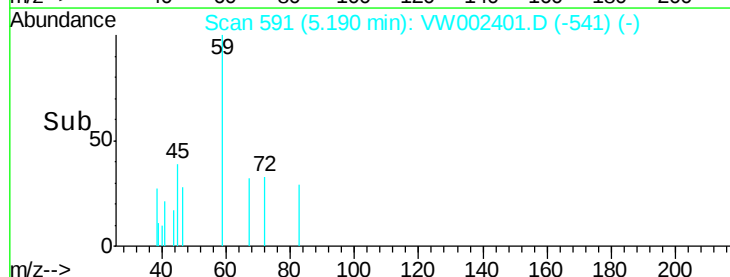
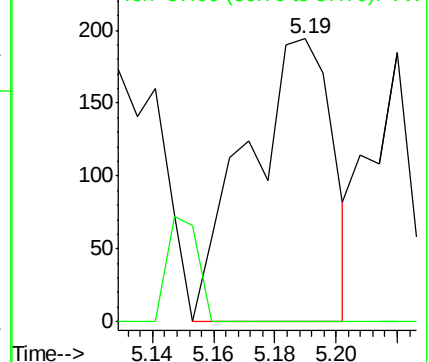
59 100

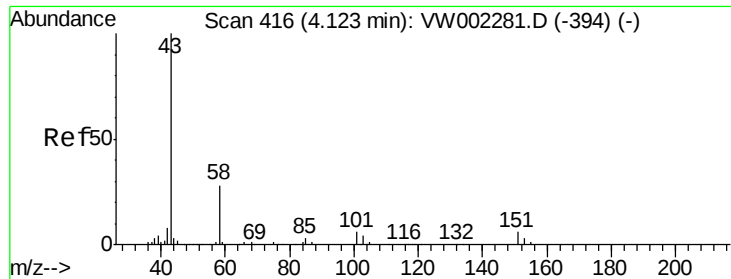
57 0.0 3.9 5.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 25.09 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.00 min

Lab File: VW002401.D

Acq: 11 May 2018 01:39

Instrument :

MSVOA_W

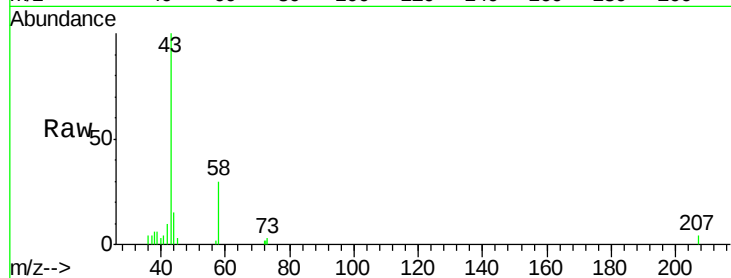
ClientSampled :

Tot Ion: 43 Resp: 9434

Ion Ratio Lower Upper

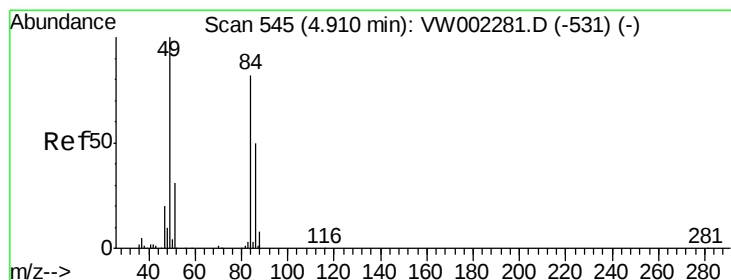
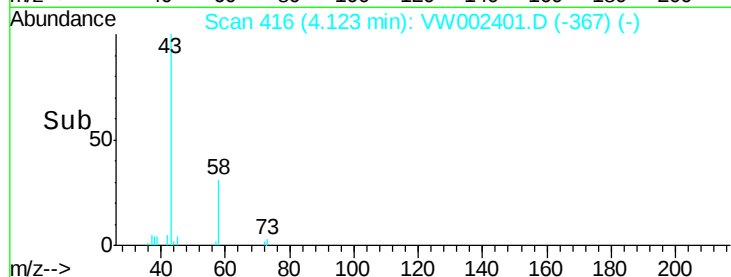
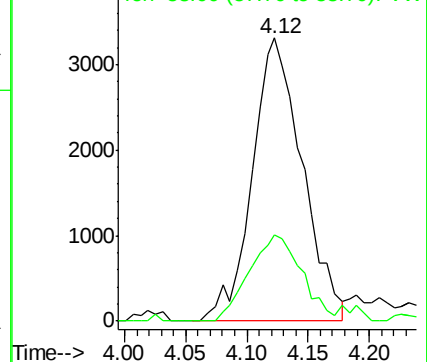
43 100

58 30.4 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 2.13 ug/l

RT: 4.91 min Scan# 545

Delta R.T. -0.00 min

Lab File: VW002401.D

Acq: 11 May 2018 01:39

Tgt Ion: 84 Resp: 3867

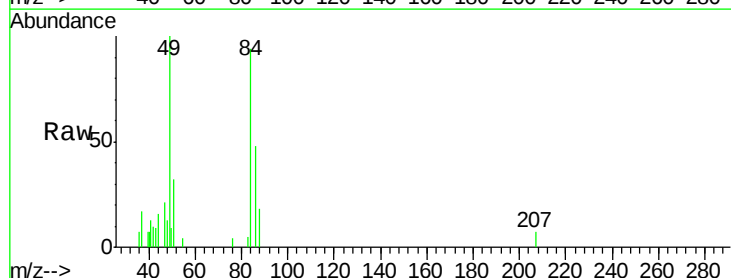
Ion Ratio Lower Upper

84 100

49 106.4 97.7 146.5

51 28.4 30.2 45.4#

86 51.4 48.9 73.3

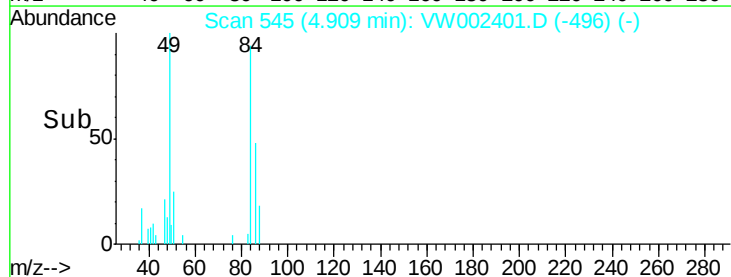
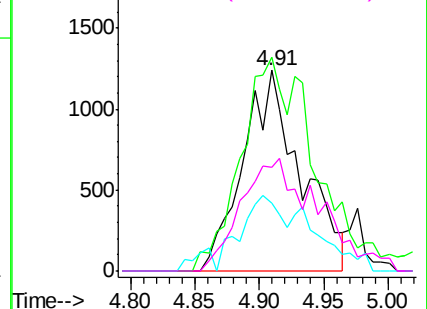


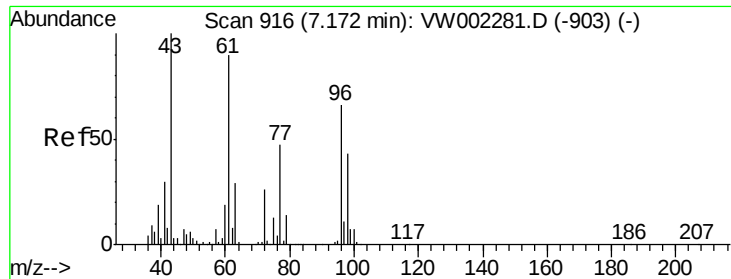
Abundance Ion 83.90 (83.60 to 84.60): VW

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

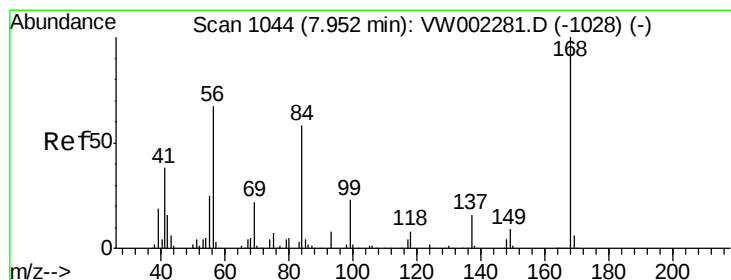
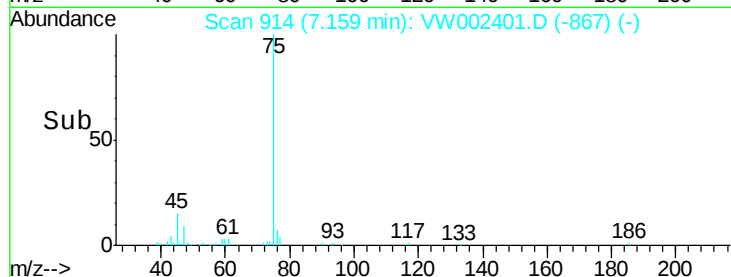
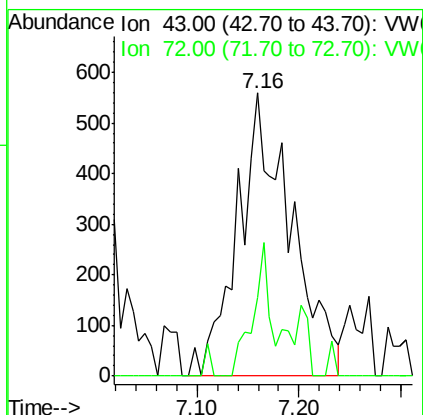
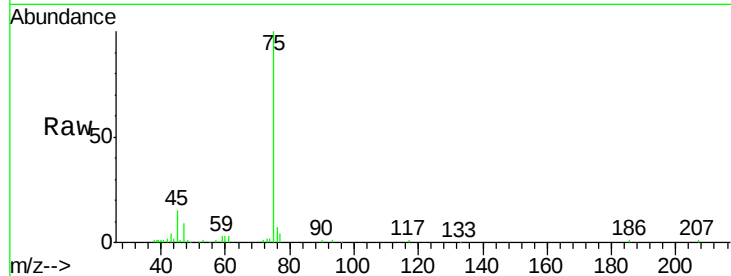




#25
2-Butanone
Concen: 3.61 ug/l
RT: 7.16 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW002401.D
Acq: 11 May 2018 01:39

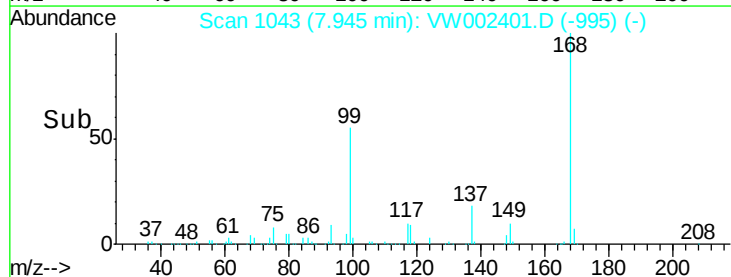
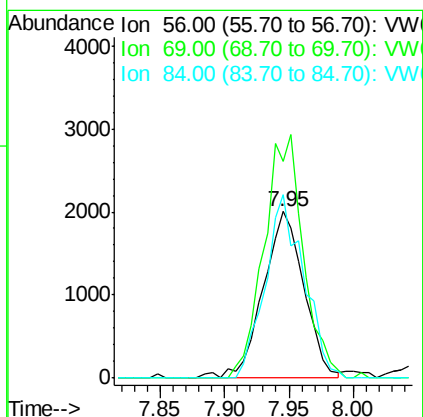
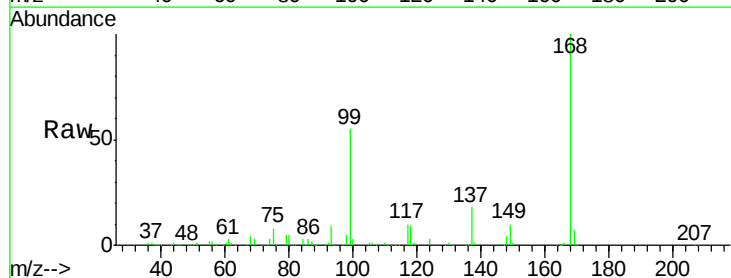
Instrument :
MSVOA_W
ClientSampled :

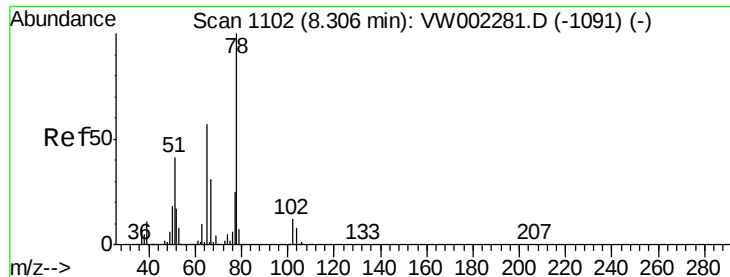
Tot Ion: 43 Resp: 2018
Ion Ratio Lower Upper
43 100
72 30.9 20.6 31.0



#31
Cyclohexane
Concen: 1.54 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW002401.D
Acq: 11 May 2018 01:39

Tgt Ion: 56 Resp: 4405
Ion Ratio Lower Upper
56 100
69 129.8 26.2 39.4#
84 110.3 69.2 103.8#

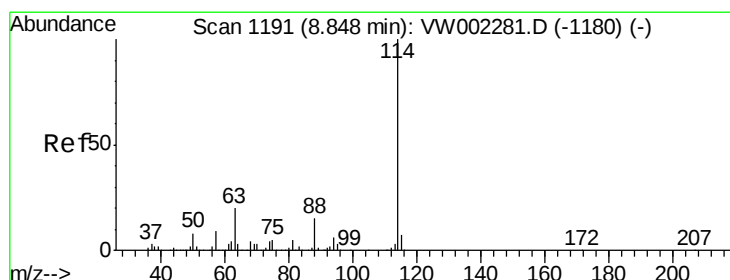
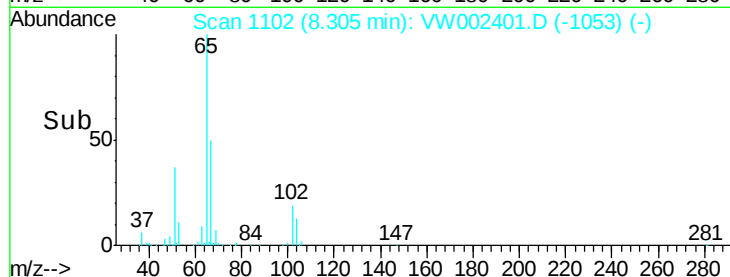
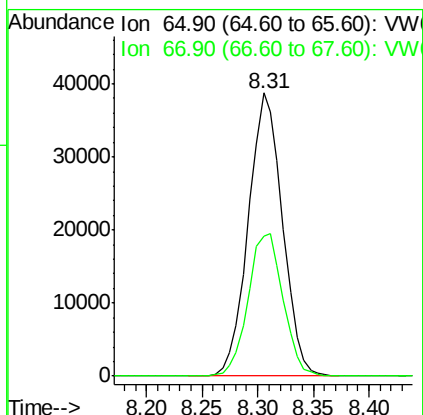
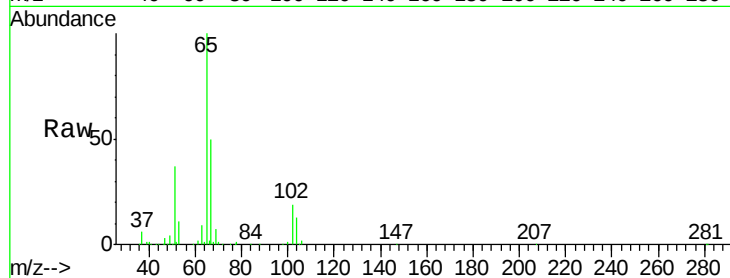




#33
 1,2-Dichloroethane-d4
 Concen: 43.06 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW002401.D
 Acq: 11 May 2018 01:39

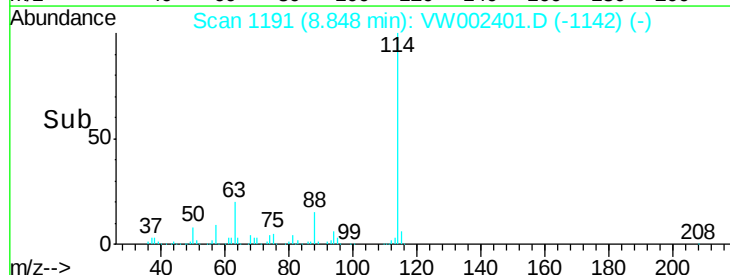
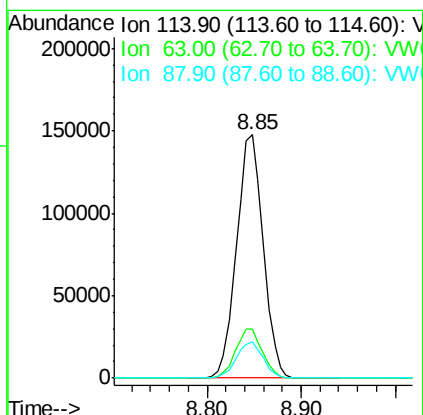
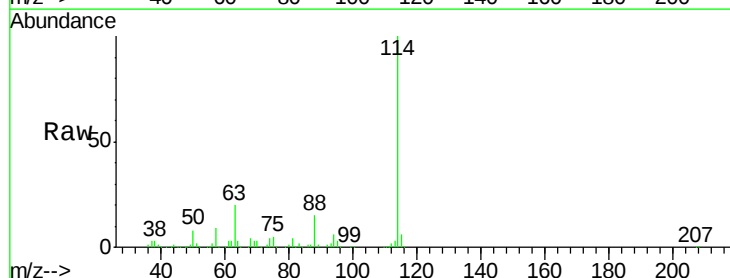
Instrument :
 MSVOA_W
 ClientSampleId :

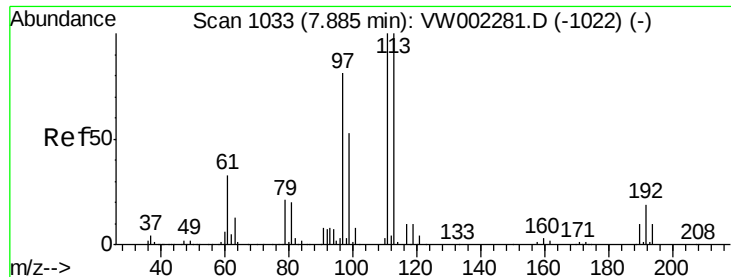
Tot Ion: 65 Resp: 82895
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW002401.D
 Acq: 11 May 2018 01:39

Tgt Ion: 114 Resp: 288709
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.0
 88 15.0 0.0 29.6

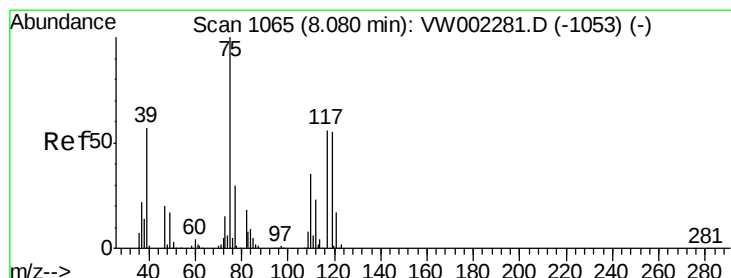
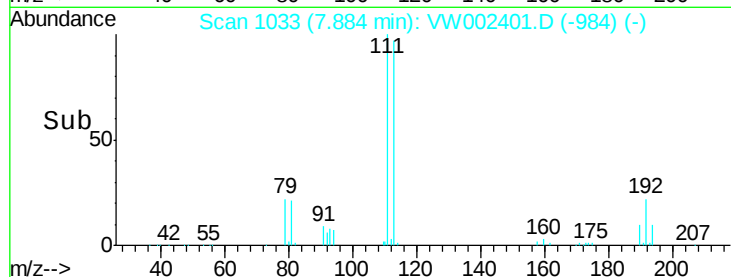
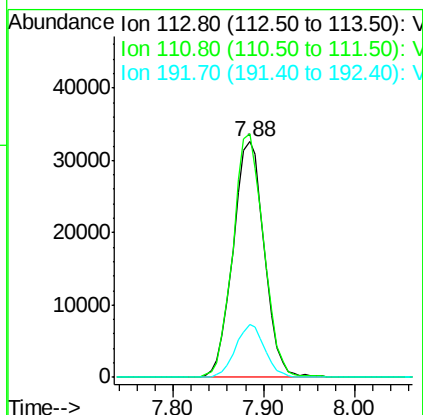
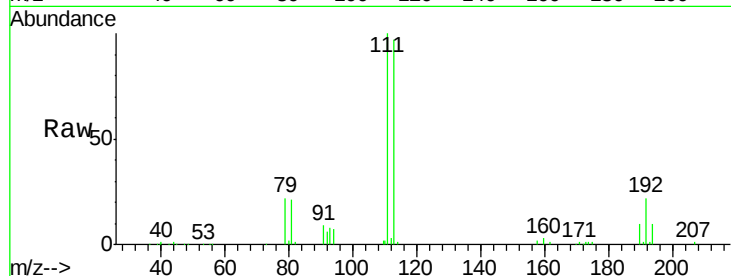




#35
 Dibromofluoromethane
 Concen: 42.09 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002401.D
 Acq: 11 May 2018 01:39

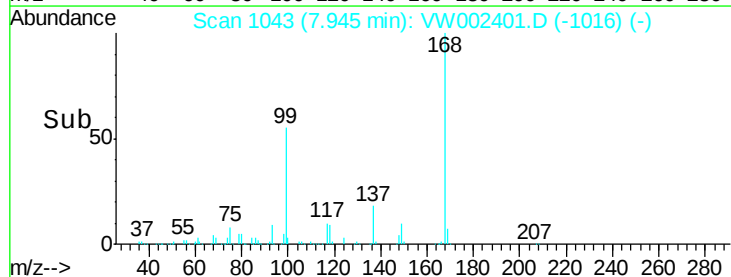
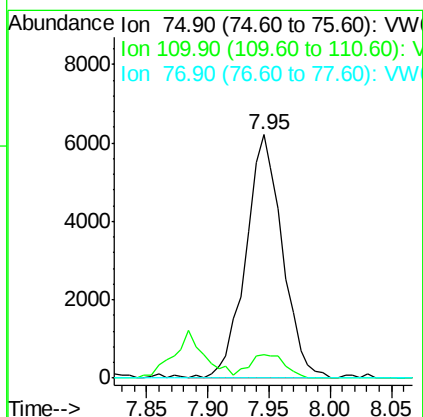
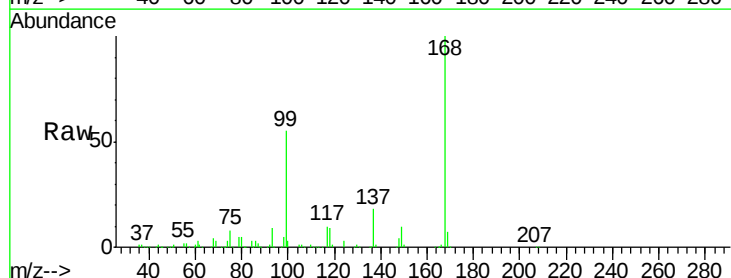
Instrument :
 MSVOA_W
 ClientSampleId :

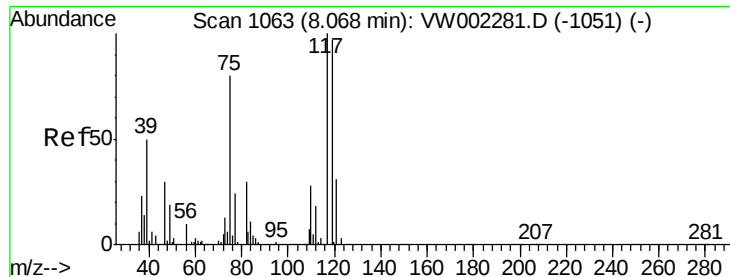
Tot Ion:113 Resp: 77883
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.5 122.3
 192 21.0 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 4.95 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW002401.D
 Acq: 11 May 2018 01:39

Tgt Ion: 75 Resp: 12913
 Ion Ratio Lower Upper
 75 100
 110 9.5 18.1 54.1#
 77 0.0 24.5 36.7#

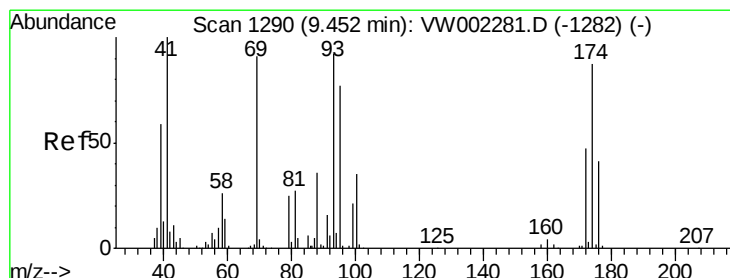
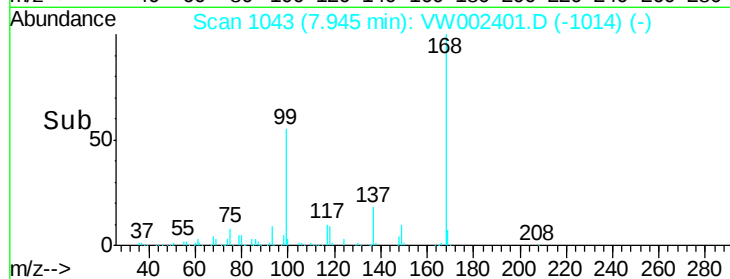
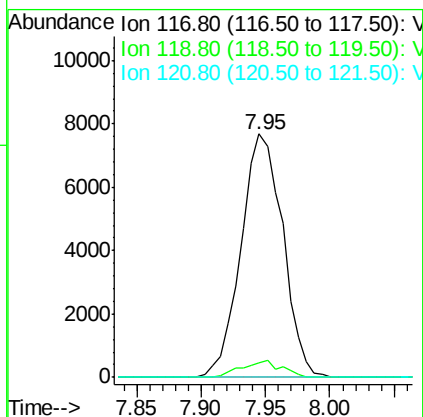
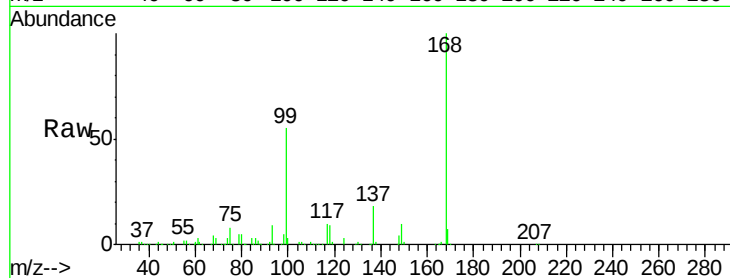




#38
Carbon Tetrachloride
Concen: 6.84 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.12 min
Lab File: VW002401.D
Acq: 11 May 2018 01:39

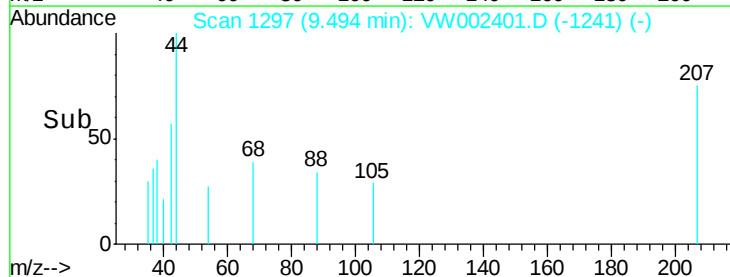
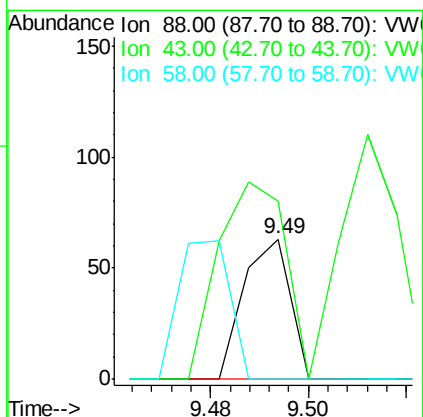
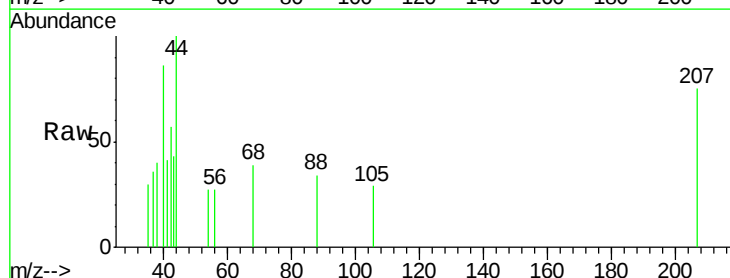
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MSVOA_W
ClientSampled :

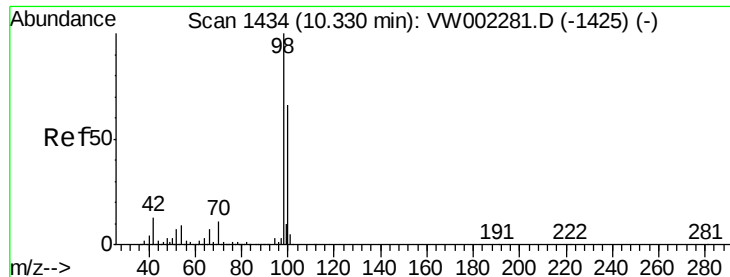
Tot Ion:117 Resp: 17273
Ion Ratio Lower Upper
117 100
119 5.9 77.5 116.3#
121 0.0 24.4 36.6#



#49
1,4-Dioxane
Concen: 2.41 ug/l
RT: 9.49 min Scan# 1297
Delta R.T. 0.04 min
Lab File: VW002401.D
Acq: 11 May 2018 01:39

Tgt Ion: 88 Resp: 41
Ion Ratio Lower Upper
88 100
43 204.9 26.3 39.5#
58 109.8 56.0 84.0#





#50

Toluene-d8

Concen: 36.88 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002401.D

Acq: 11 May 2018 01:39

Instrument :

MSVOA_W

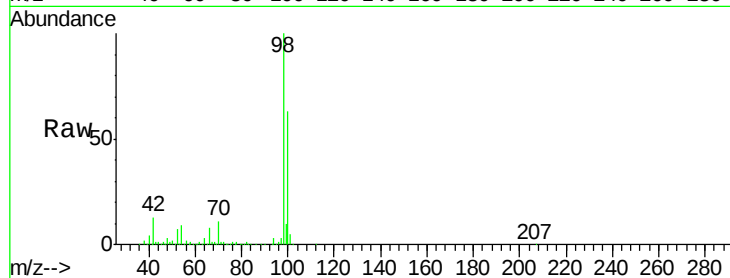
ClientSampleId :

Tot Ion: 98 Resp: 260271

Ion Ratio Lower Upper

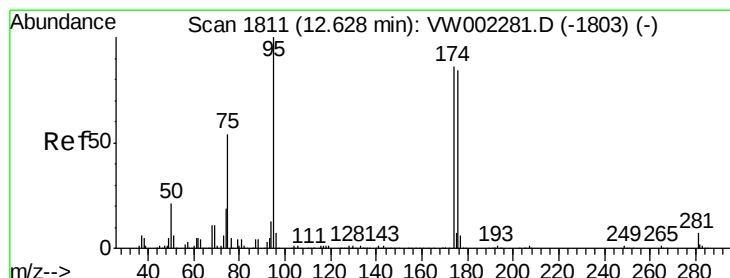
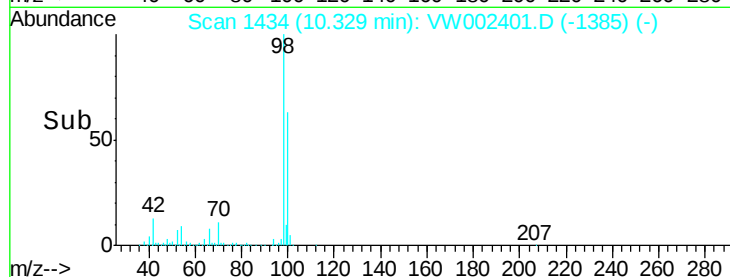
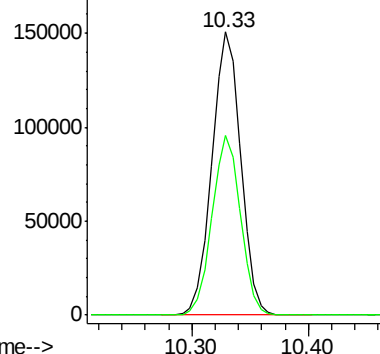
98 100

100 62.9 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 38.86 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002401.D

Acq: 11 May 2018 01:39

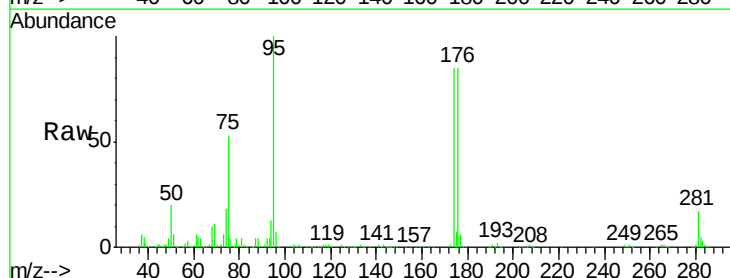
Tgt Ion: 95 Resp: 99107

Ion Ratio Lower Upper

95 100

174 88.3 0.0 176.8

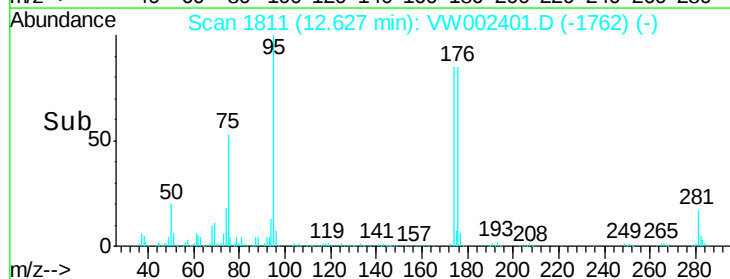
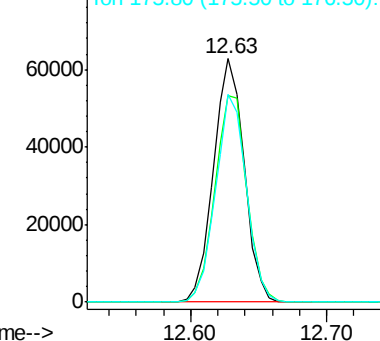
176 85.7 0.0 170.4

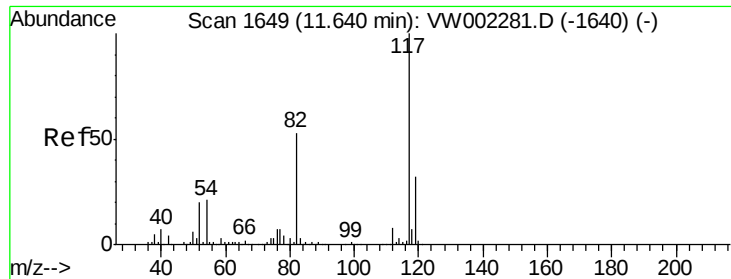


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

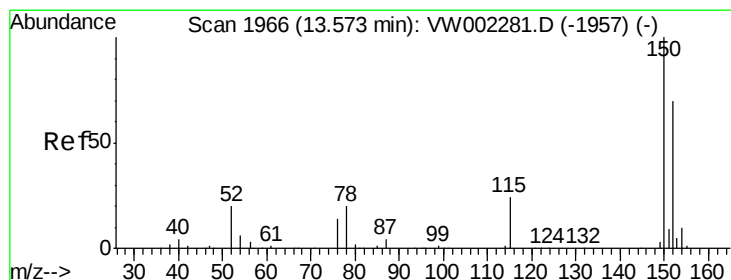
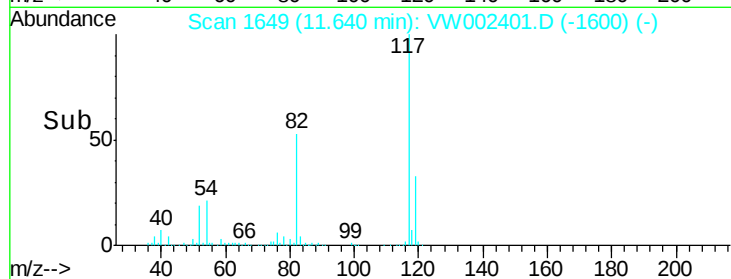
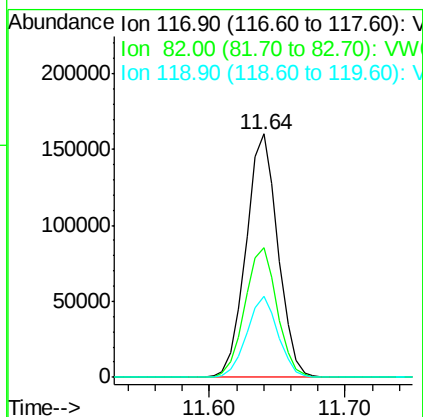
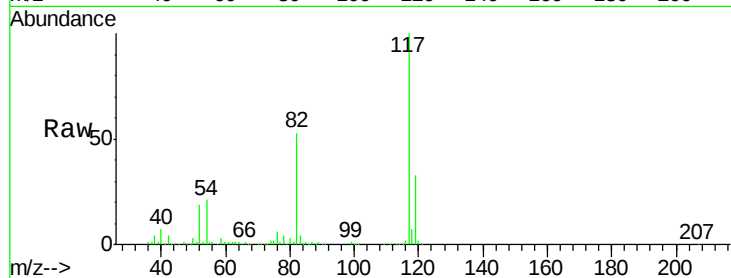




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002401.D
Acq: 11 May 2018 01:39

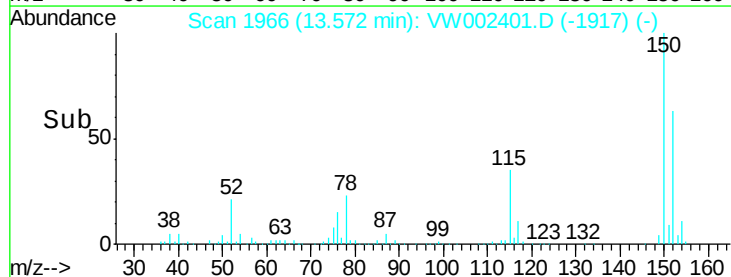
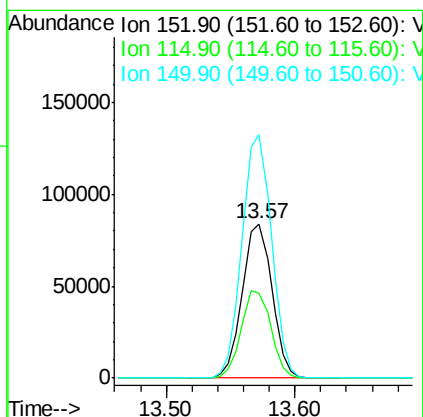
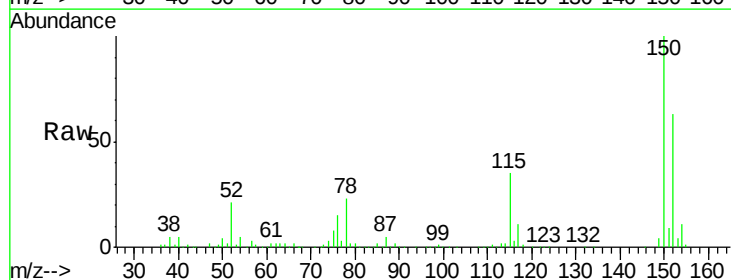
Instrument :
MSVOA_W
ClientSampleId :

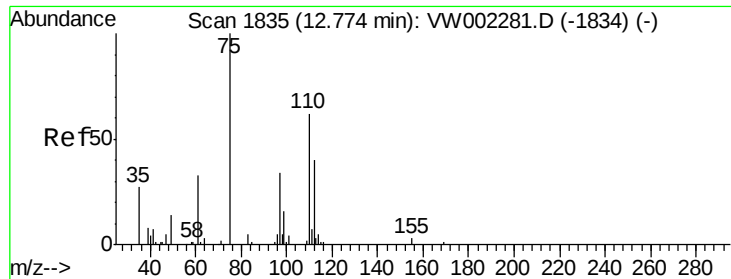
Tot Ion:117 Resp: 263111
Ion Ratio Lower Upper
117 100
82 53.3 42.6 63.8
119 33.1 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. -0.00 min
Lab File: VW002401.D
Acq: 11 May 2018 01:39

Tgt Ion:152 Resp: 134077
Ion Ratio Lower Upper
152 100
115 56.7 28.5 85.5
150 157.3 0.0 342.6





#76

1,2,3-Trichloropropane

Concen: 43.14 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW002401.D

Acq: 11 May 2018 01:39

Instrument :

MSVOA_W

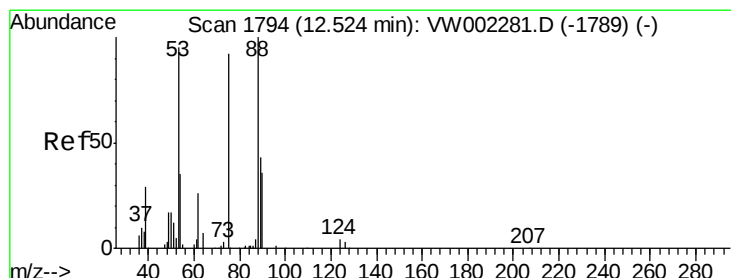
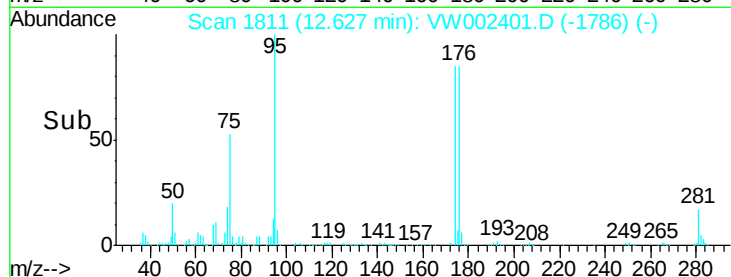
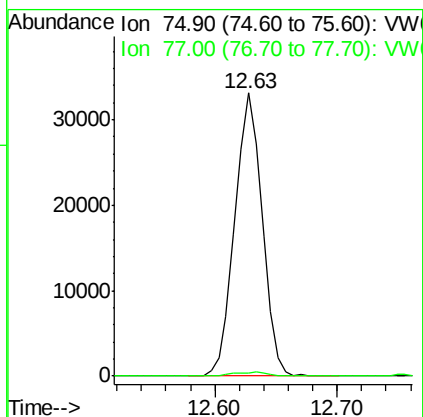
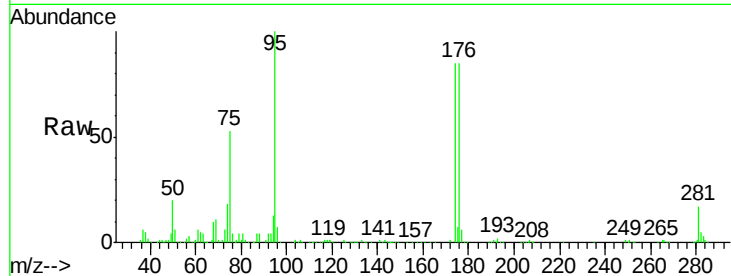
ClientSampleId :

Tot Ion: 75 Resp: 51291

Ion Ratio Lower Upper

75 100

77 1.7 187.5 562.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 113.64 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.10 min

Lab File: VW002401.D

Acq: 11 May 2018 01:39

Tgt Ion: 75 Resp: 51291

Ion Ratio Lower Upper

75 100

53 0.0 79.9 119.9#

89 0.2 37.6 56.4#

