

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051018\
 Data File : VW002388.D
 Acq On : 10 May 2018 18:31
 Operator : JC/SY
 Sample : J2759-07RE
 Misc : 8.18G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 11 04:53:41 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	199286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	303539	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	270801	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	141636	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	89129	42.12	ug/l	0.00
Spiked Amount			Recovery	=	84.24%	
35) Dibromofluoromethane	7.88	113	85444	43.92	ug/l	0.00
Spiked Amount			Recovery	=	87.84%	
50) Toluene-d8	10.33	98	269989	36.39	ug/l	0.00
Spiked Amount			Recovery	=	72.78%	
62) 4-Bromofluorobenzene	12.63	95	111585	41.62	ug/l	0.00
Spiked Amount			Recovery	=	83.24%	

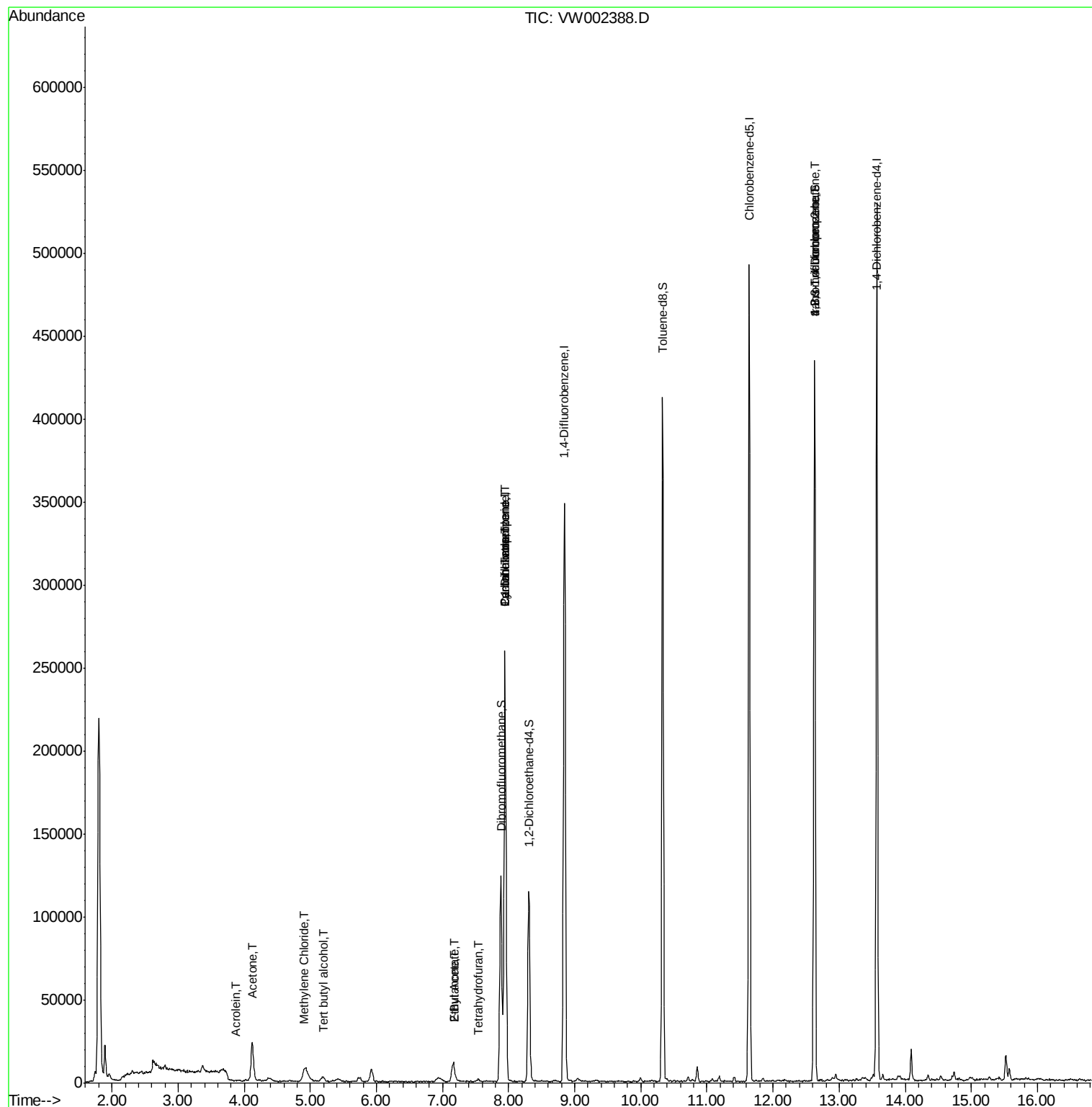
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	4615	30.00	ug/l #	85
13) Acrolein	3.88	56	154	1.20	ug/l #	74
16) Acetone	4.12	43	40778	98.66	ug/l	99
20) Methylene Chloride	4.90	84	6214	3.12	ug/l #	94
25) 2-Butanone	7.18	43	4884	7.96	ug/l	94
29) Tetrahydrofuran	7.55	42	768	1.91	ug/l	93
31) Cyclohexane	7.94	56	4719	1.50	ug/l #	25
36) 1,1-Dichloropropene	7.95	75	14722	5.36	ug/l #	50
37) Ethyl Acetate	7.18	43	4884	3.65	ug/l #	69
38) Carbon Tetrachloride	7.95	117	18663	7.03	ug/l #	15
76) 1,2,3-Trichloropropane	12.63	75	56834	45.25	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	56834	119.20	ug/l #	10

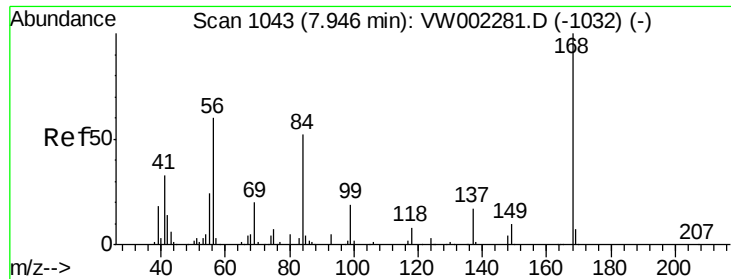
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW002388.D

Acq: 10 May 2018 18:31

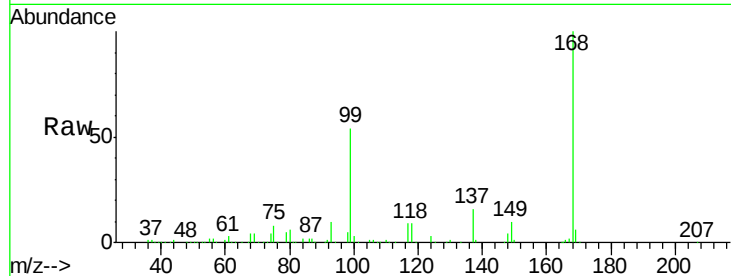
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 199286

Ion Ratio Lower Upper

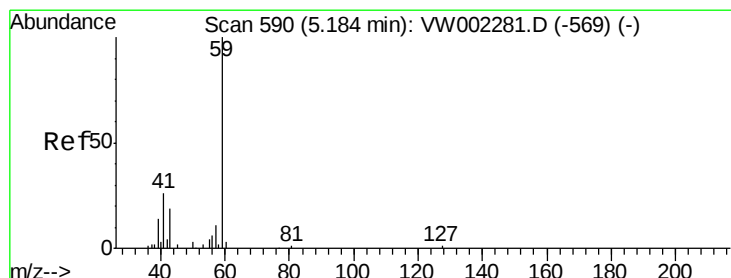
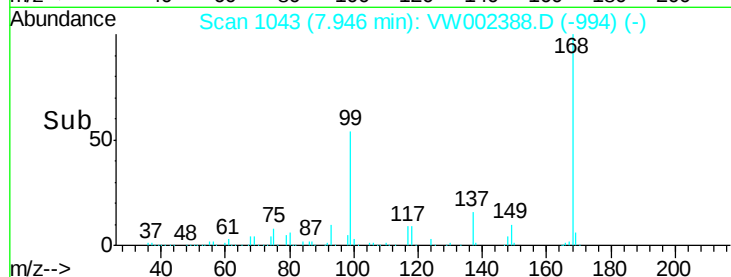
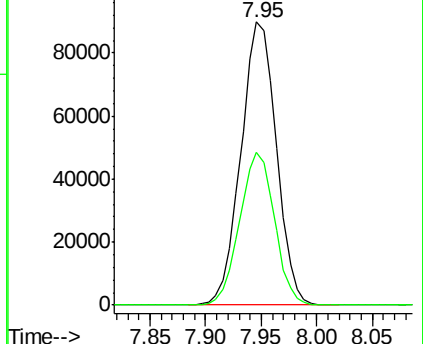
168 100

99 53.9 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: 30.00 ug/l

RT: 5.20 min Scan# 592

Delta R.T. 0.01 min

Lab File: VW002388.D

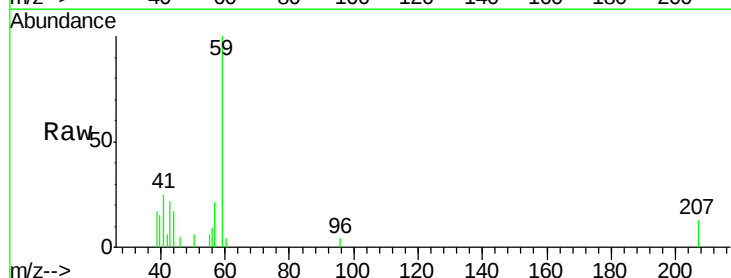
Acq: 10 May 2018 18:31

Tgt Ion: 59 Resp: 4615

Ion Ratio Lower Upper

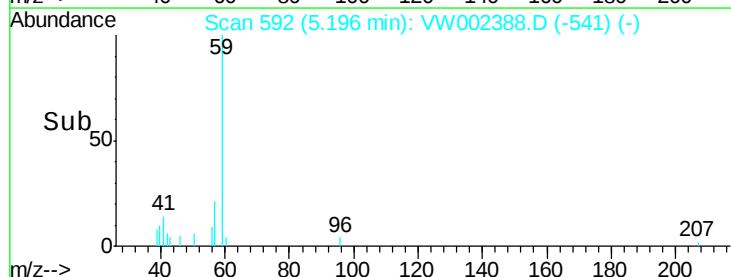
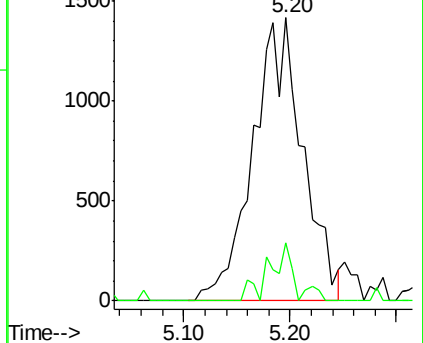
59 100

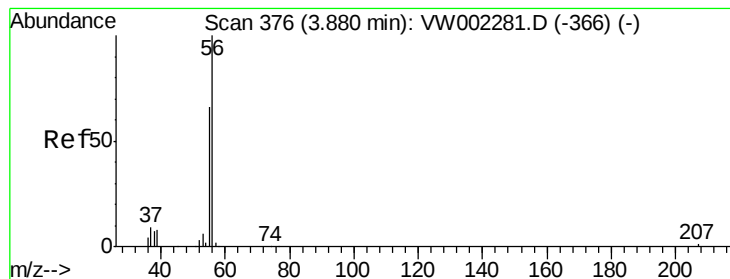
57 9.7 3.9 5.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: 1.20 ug/l

RT: 3.88 min Scan# 376

Delta R.T. -0.00 min

Lab File: VW002388.D

Acq: 10 May 2018 18:31

Instrument :

MSVOA_W

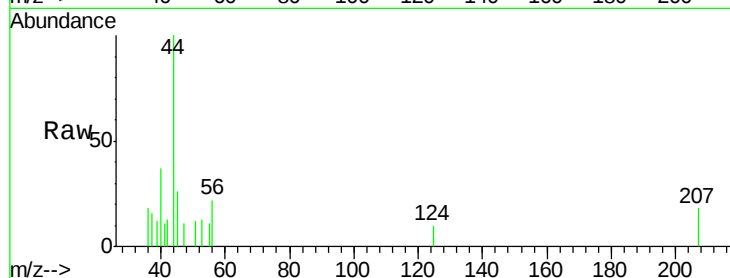
ClientSampled :

Tot Ion: 56 Resp: 154

Ion Ratio Lower Upper

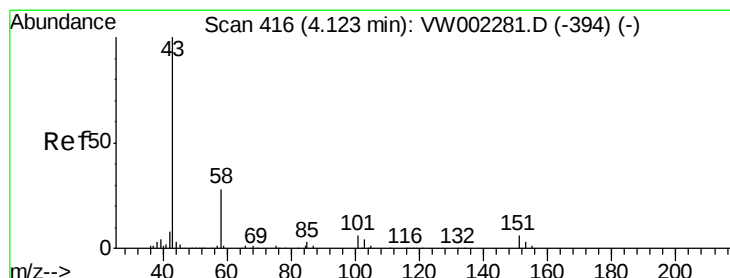
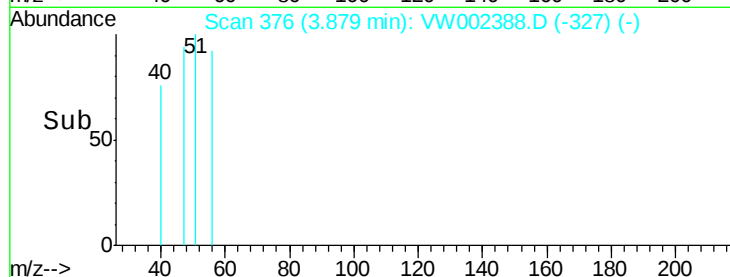
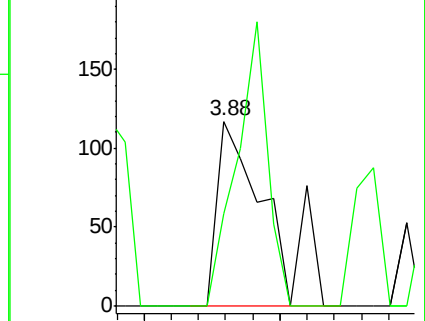
56 100

55 92.9 57.3 85.9#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#16

Acetone

Concen: 98.66 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.00 min

Lab File: VW002388.D

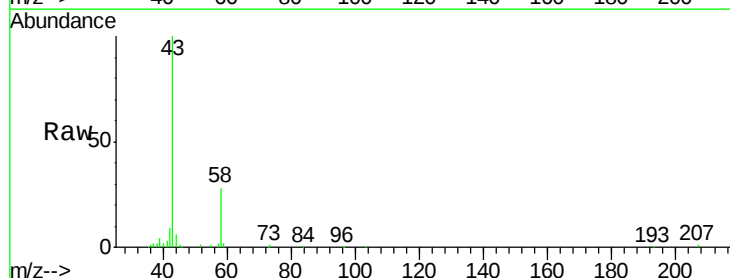
Acq: 10 May 2018 18:31

Tgt Ion: 43 Resp: 40778

Ion Ratio Lower Upper

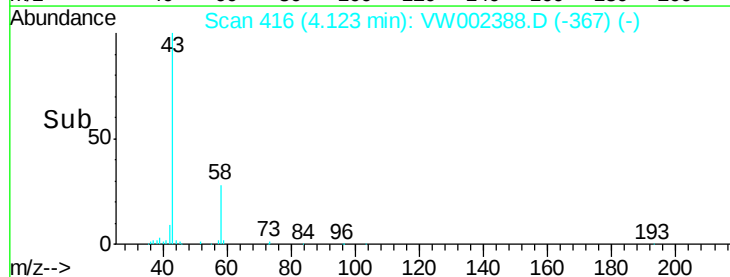
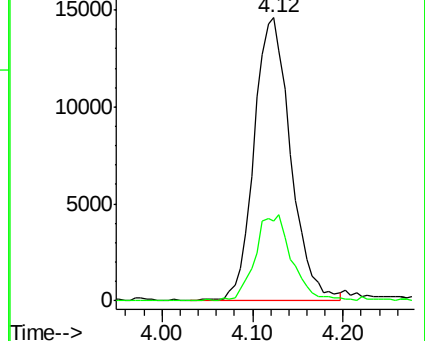
43 100

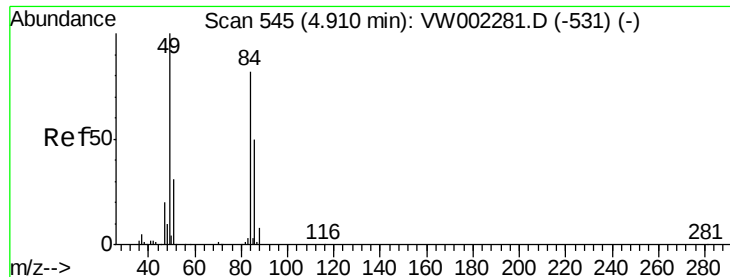
58 28.2 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

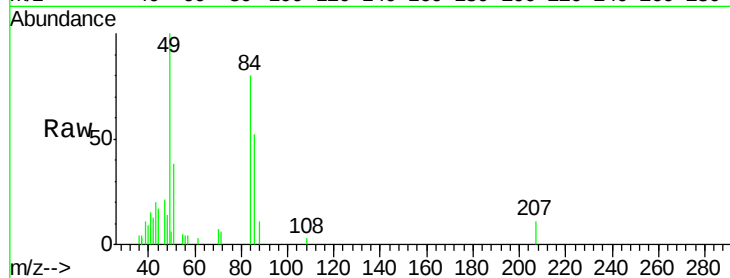




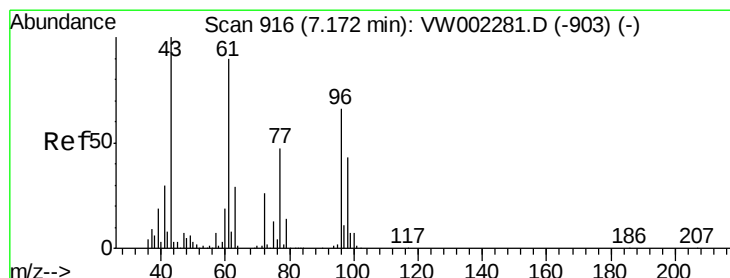
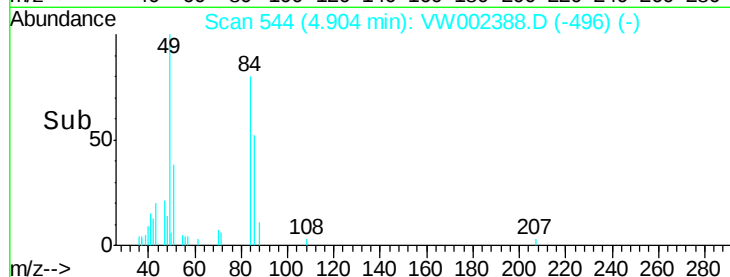
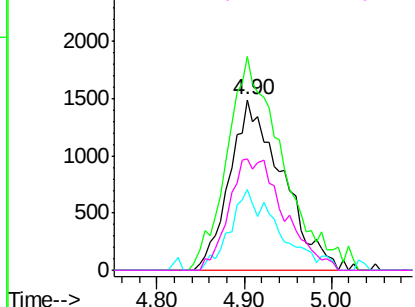
#20
Methvlene Chloride
Concen: 3.12 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW002388.D
Acq: 10 May 2018 18:31

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 84 Resp: 6214
Ion Ratio Lower Upper
84 100
49 125.4 97.7 146.5
51 47.4 30.2 45.4#
86 65.3 48.9 73.3

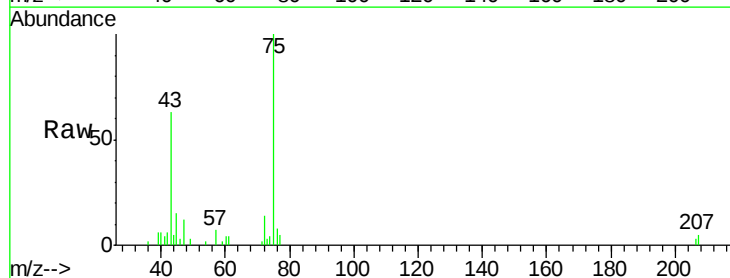


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

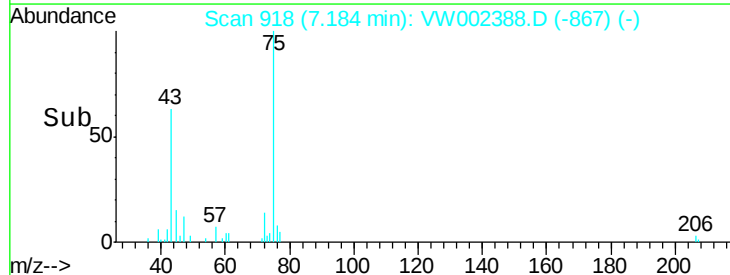
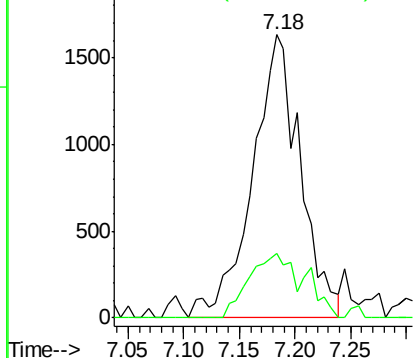


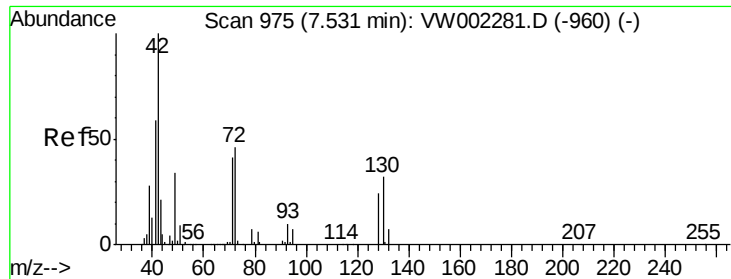
#25
2-Butanone
Concen: 7.96 ug/l
RT: 7.18 min Scan# 918
Delta R.T. 0.01 min
Lab File: VW002388.D
Acq: 10 May 2018 18:31

Tgt Ion: 43 Resp: 4884
Ion Ratio Lower Upper
43 100
72 22.9 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW

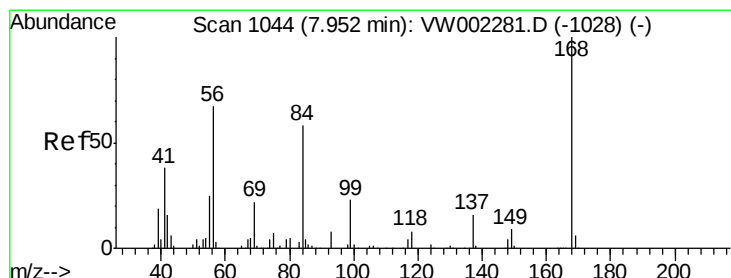
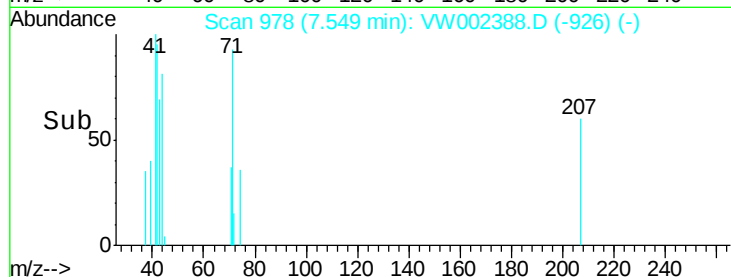
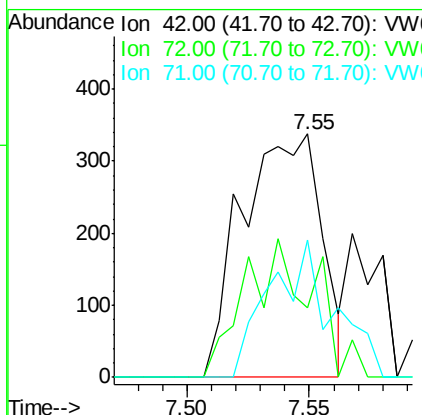
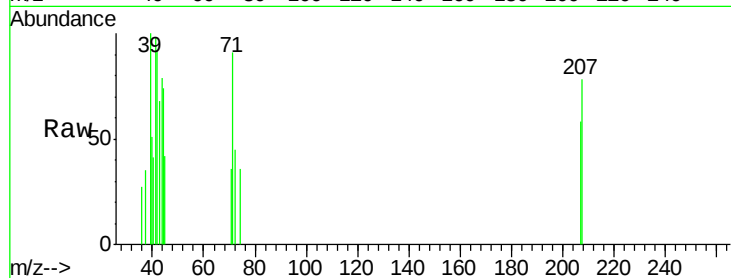




#29
Tetrahydrofuran
Concen: 1.91 ug/l
RT: 7.55 min Scan# 978
Delta R.T. 0.02 min
Lab File: VW002388.D
Acq: 10 May 2018 18:31

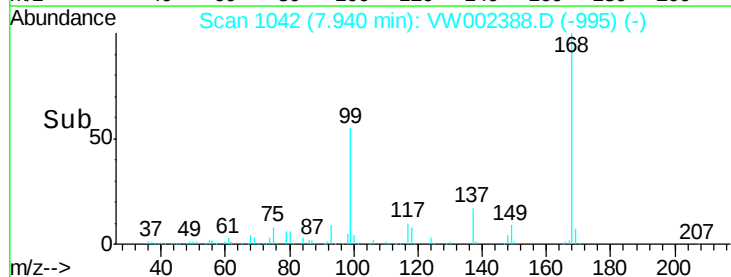
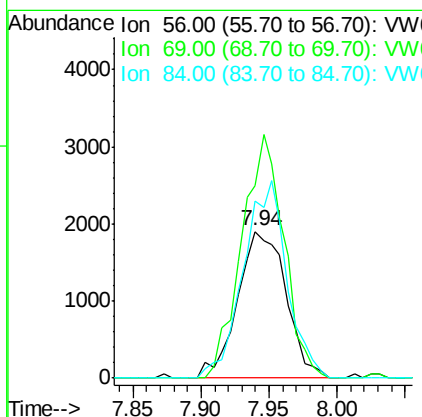
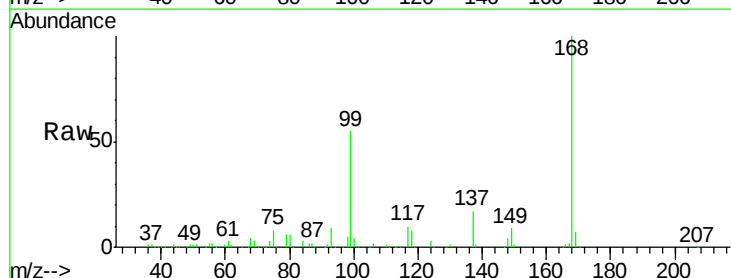
Instrument :
MSVOA_W
ClientSampled :

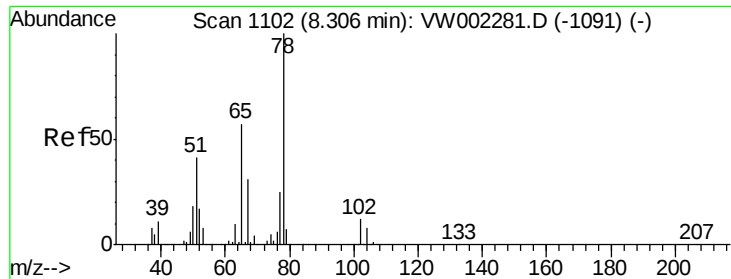
Tot Ion: 42 Resp: 768
Ion Ratio Lower Upper
42 100
72 48.3 34.5 51.7
71 44.5 33.0 49.6



#31
Cyclohexane
Concen: 1.50 ug/l
RT: 7.94 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VW002388.D
Acq: 10 May 2018 18:31

Tgt Ion: 56 Resp: 4719
Ion Ratio Lower Upper
56 100
69 130.8 26.2 39.4#
84 120.8 69.2 103.8#

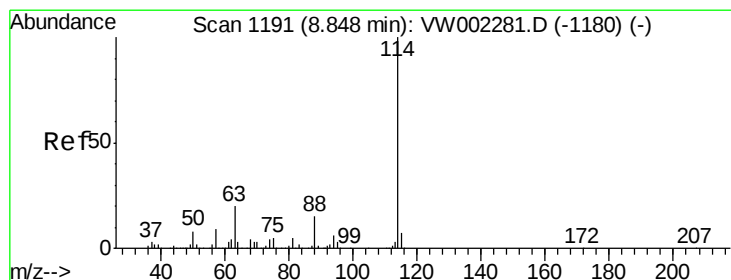
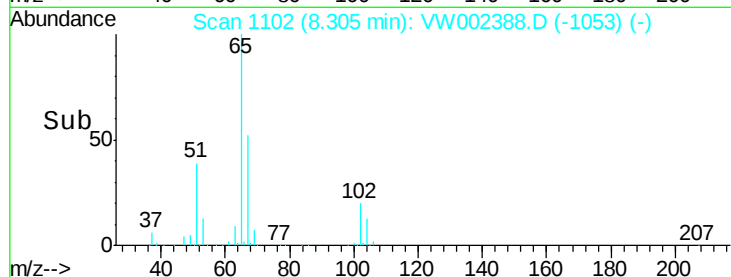
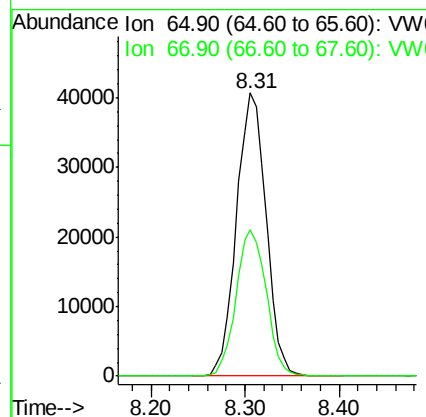
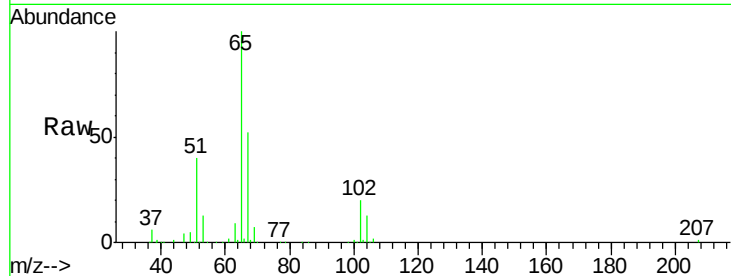




#33
 1,2-Dichloroethane-d4
 Concen: 42.12 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW002388.D
 Acq: 10 May 2018 18:31

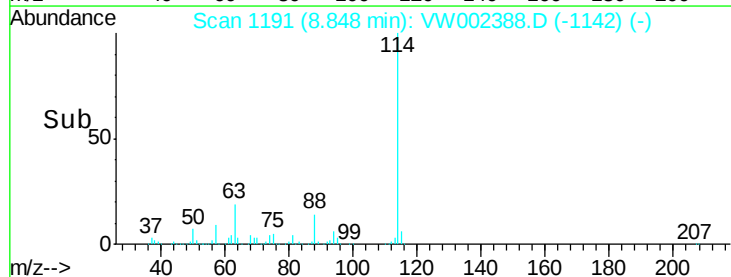
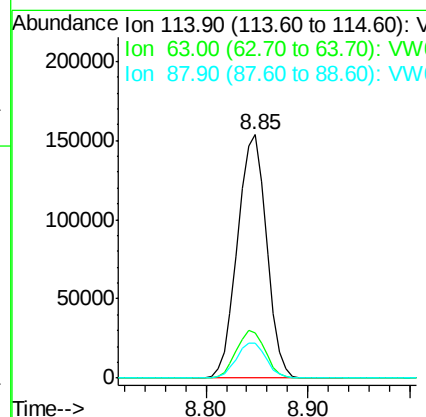
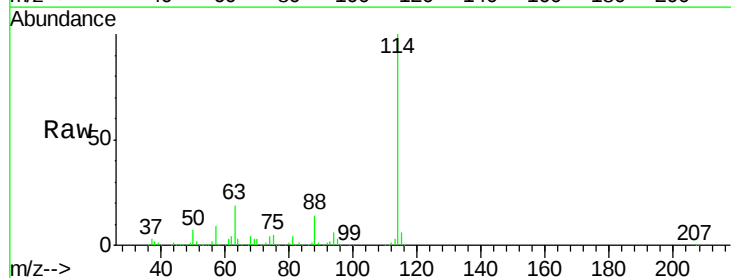
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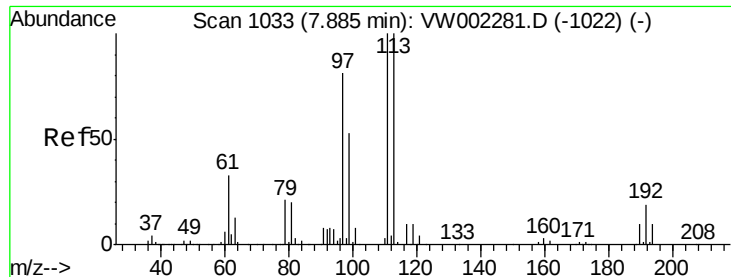
Tot Ion: 65 Resp: 89129
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW002388.D
 Acq: 10 May 2018 18:31

Tgt Ion: 114 Resp: 303539
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 39.0
 88 14.2 0.0 29.6

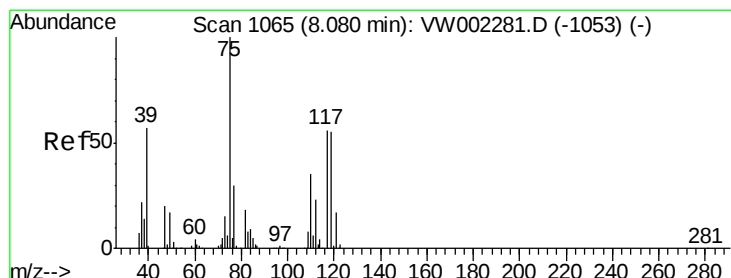
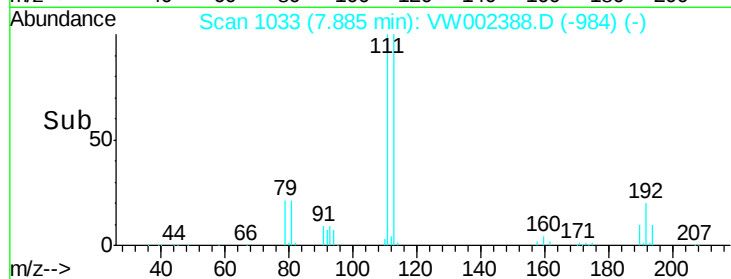
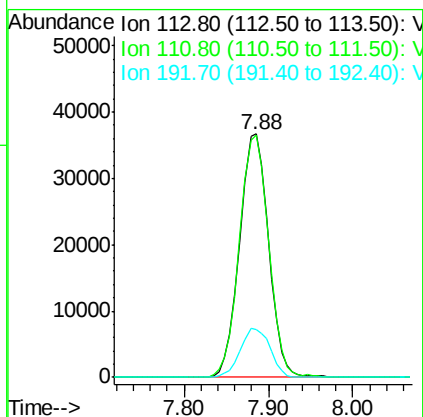
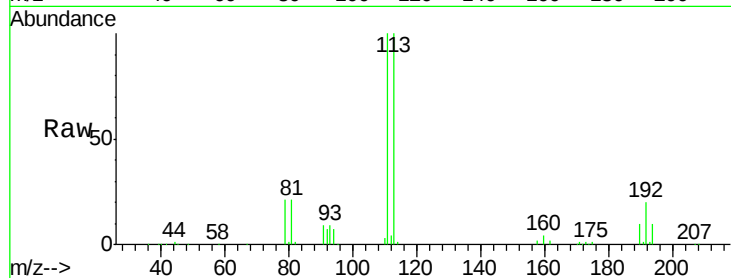




#35
 Dibromofluoromethane
 Concen: 43.92 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002388.D
 Acq: 10 May 2018 18:31

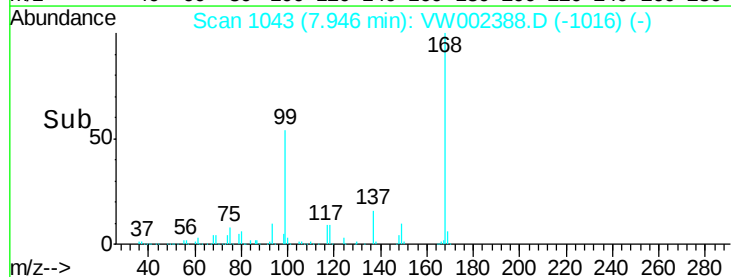
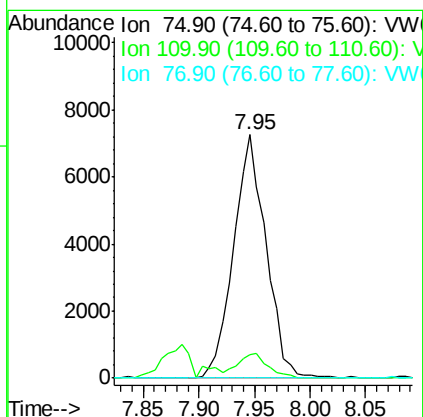
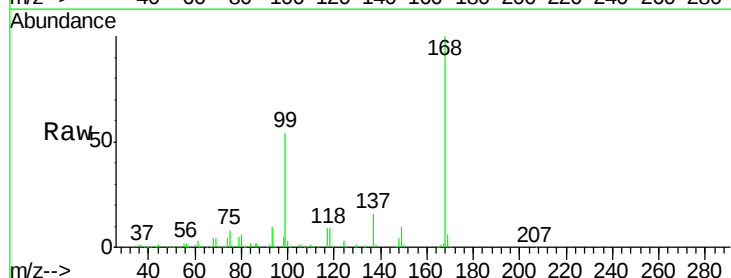
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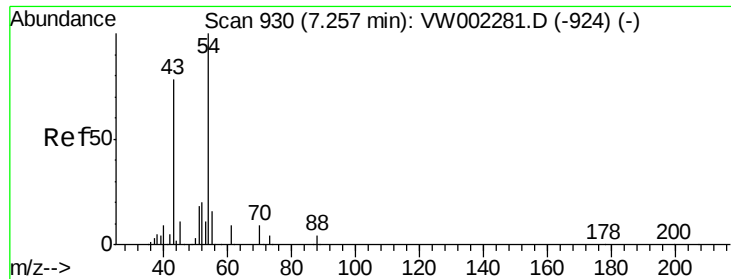
Tot Ion:113 Resp: 85444
 Ion Ratio Lower Upper
 113 100
 111 100.6 81.5 122.3
 192 20.7 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 5.36 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW002388.D
 Acq: 10 May 2018 18:31

Tgt Ion: 75 Resp: 14722
 Ion Ratio Lower Upper
 75 100
 110 9.4 18.1 54.1#
 77 0.0 24.5 36.7#

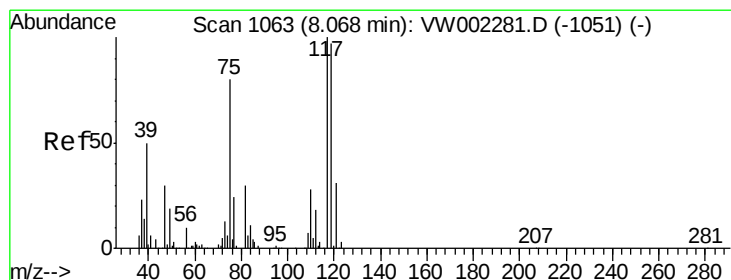
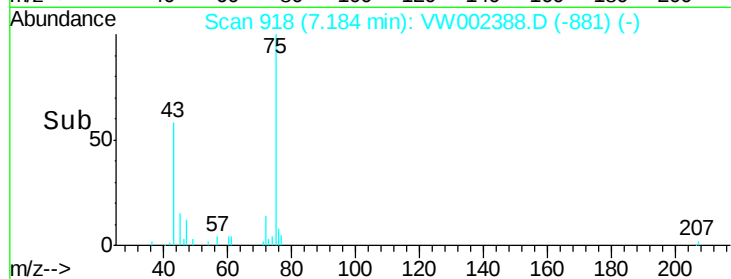
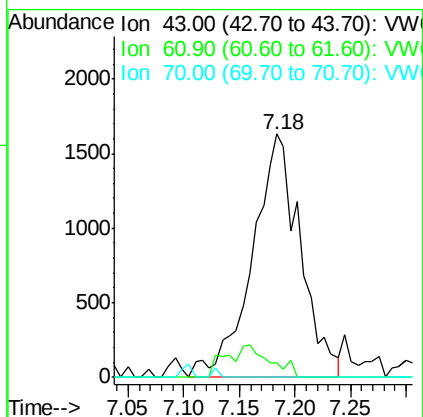
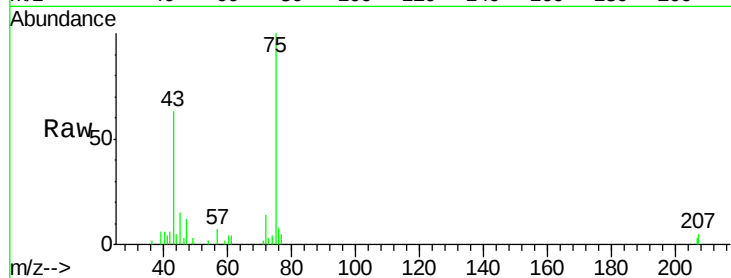




#37
Ethyl Acetate
Concen: 3.65 ug/l
RT: 7.18 min Scan# 918
Delta R.T. -0.07 min
Lab File: VW002388.D
Acq: 10 May 2018 18:31

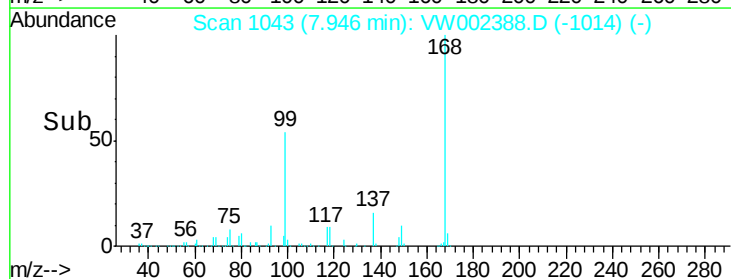
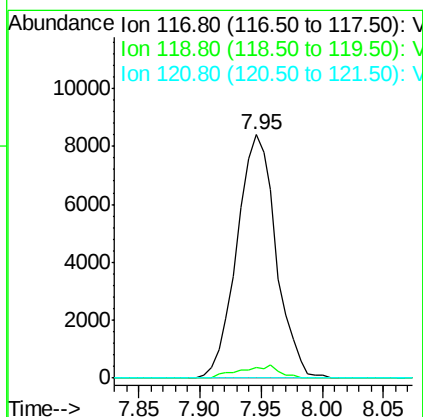
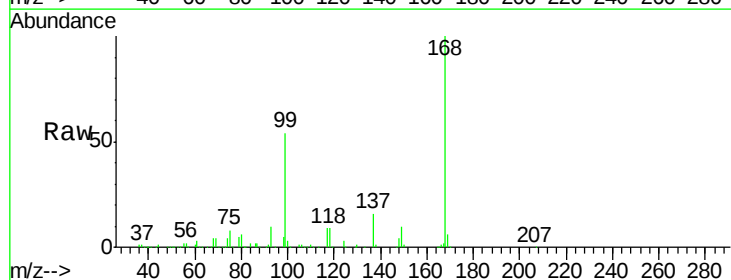
Instrument :
MSVOA_W
ClientSampleId :

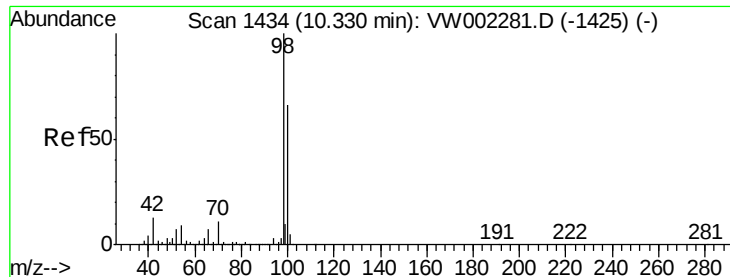
Tot Ion: 43 Resp: 4884
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 0.0 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 7.03 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.12 min
Lab File: VW002388.D
Acq: 10 May 2018 18:31

Tgt Ion: 117 Resp: 18663
Ion Ratio Lower Upper
117 100
119 4.3 77.5 116.3#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 36.39 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002388.D

Acq: 10 May 2018 18:31

Instrument :

MSVOA_W

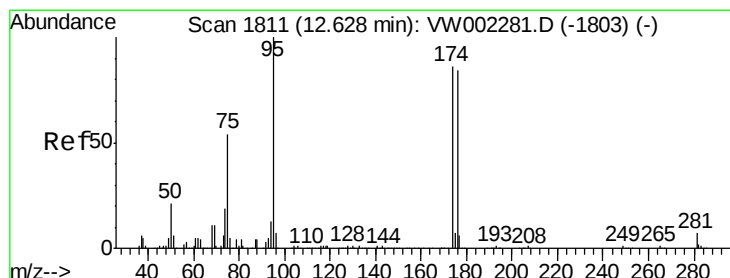
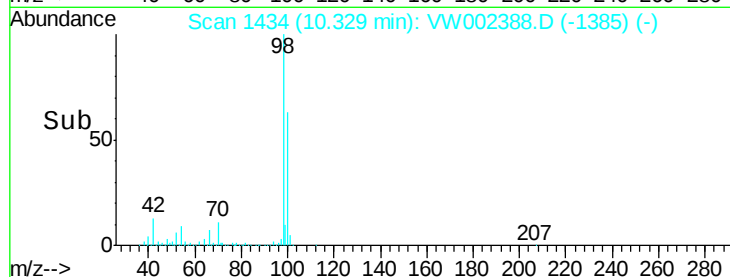
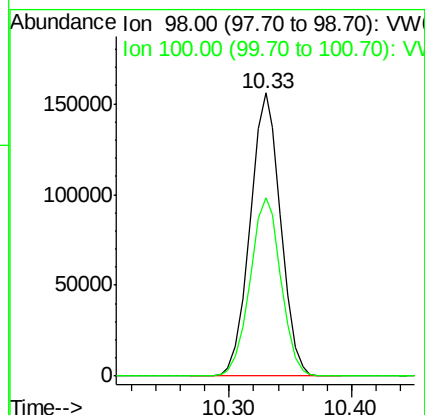
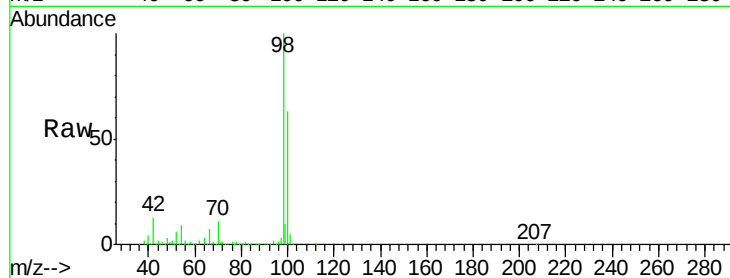
ClientSampleId :

Tot Ion: 98 Resp: 269989

Ion Ratio Lower Upper

98 100

100 63.6 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 41.62 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002388.D

Acq: 10 May 2018 18:31

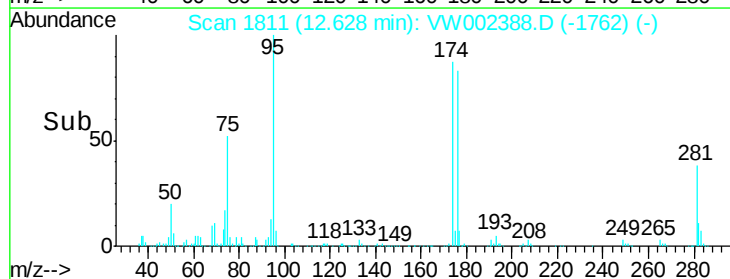
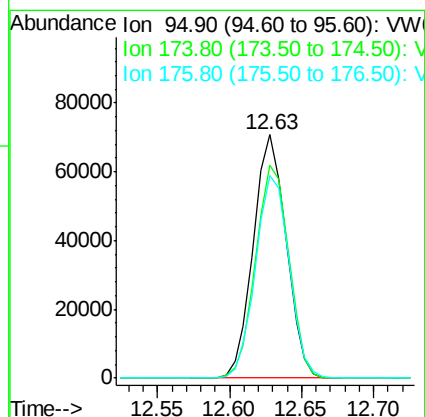
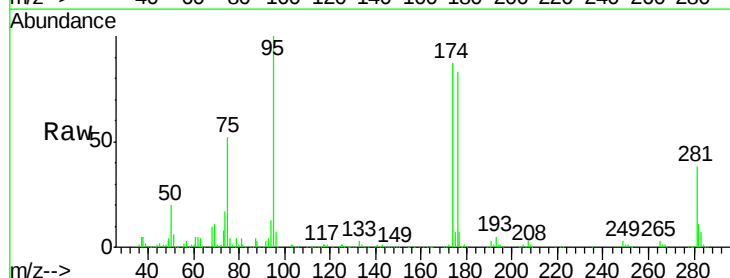
Tgt Ion: 95 Resp: 111585

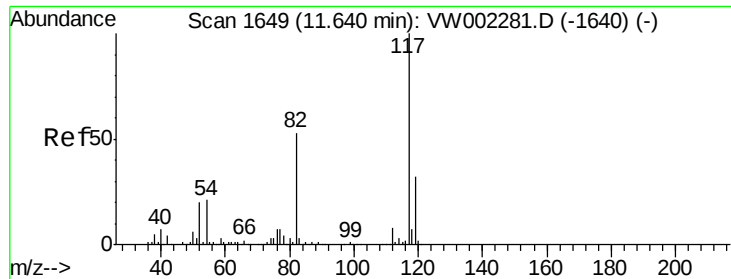
Ion Ratio Lower Upper

95 100

174 88.8 0.0 176.8

176 85.4 0.0 170.4

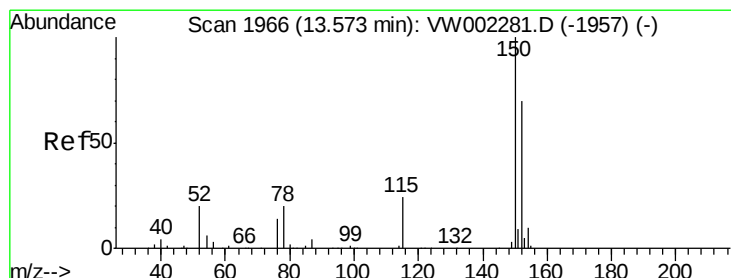
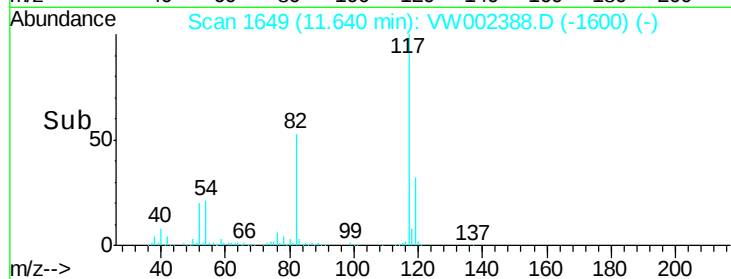
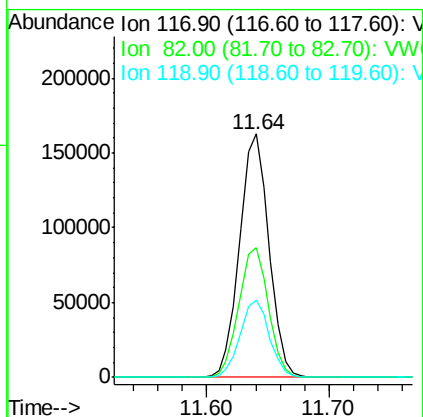
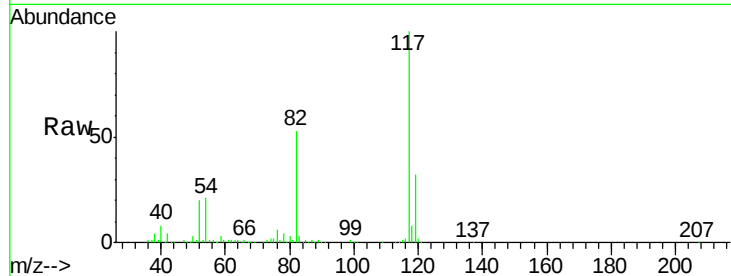




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002388.D
Acq: 10 May 2018 18:31

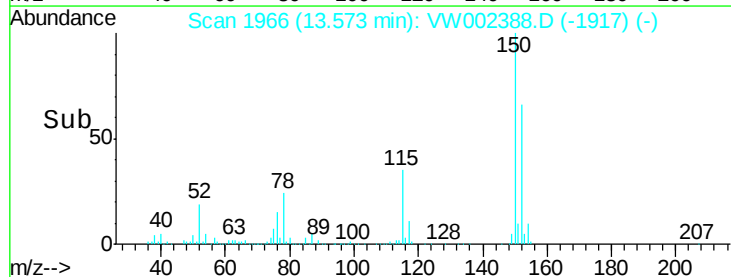
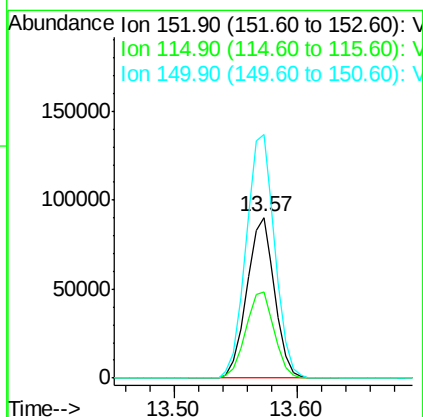
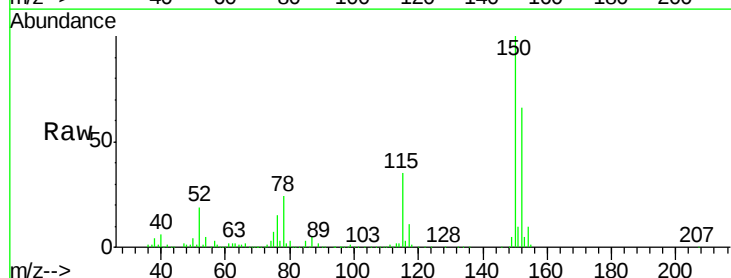
Instrument :
MSVOA_W
ClientSampled :

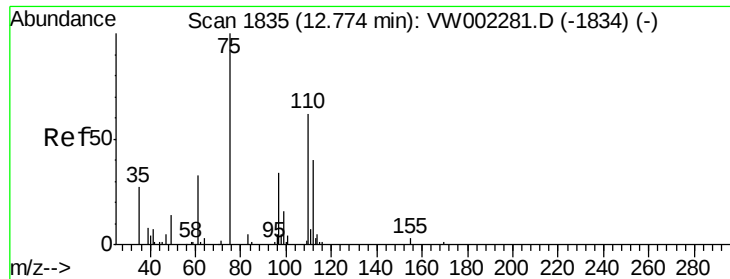
Tot Ion:117 Resp: 270801
Ion Ratio Lower Upper
117 100
82 53.3 42.6 63.8
119 31.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. -0.00 min
Lab File: VW002388.D
Acq: 10 May 2018 18:31

Tgt Ion:152 Resp: 141636
Ion Ratio Lower Upper
152 100
115 55.7 28.5 85.5
150 157.2 0.0 342.6

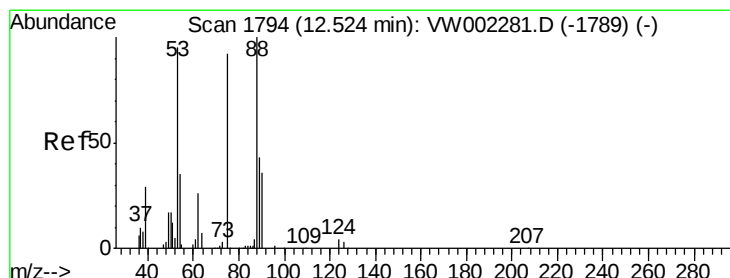
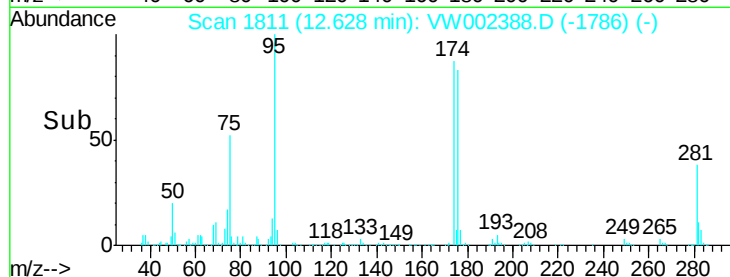
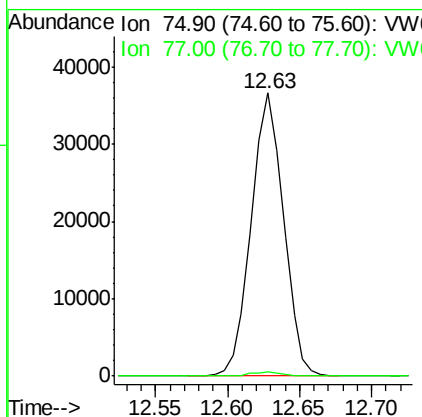
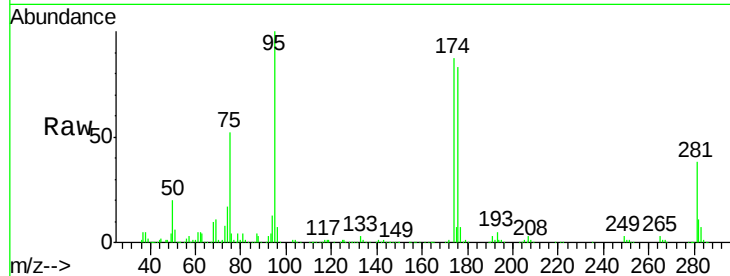




#76
 1,2,3-Trichloropropane
 Concen: 45.25 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. -0.15 min
 Lab File: VW002388.D
 Acq: 10 May 2018 18:31

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 56834
 Ion Ratio Lower Upper
 75 100
 77 1.6 187.5 562.6#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 119.20 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.10 min
 Lab File: VW002388.D
 Acq: 10 May 2018 18:31

Tgt Ion: 75 Resp: 56834
 Ion Ratio Lower Upper
 75 100
 53 0.3 79.9 119.9#
 89 0.4 37.6 56.4#

