

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122018\
 Data File : VW007666.D
 Acq On : 18 Dec 2018 18:36
 Operator : SY/AP
 Sample : J6391-11RE
 Misc : 5.22G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 19 03:20:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	47461	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	77151	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	45456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	12068	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	32254	61.26	ug/l	0.00
Spiked Amount			Recovery	=	122.52%	
35) Dibromofluoromethane	7.88	113	27100	58.03	ug/l	0.00
Spiked Amount			Recovery	=	116.06%	
50) Toluene-d8	10.32	98	73446	41.94	ug/l	0.00
Spiked Amount			Recovery	=	83.88%	
62) 4-Bromofluorobenzene	12.62	95	15452	24.00	ug/l	0.00
Spiked Amount			Recovery	=	48.00%	

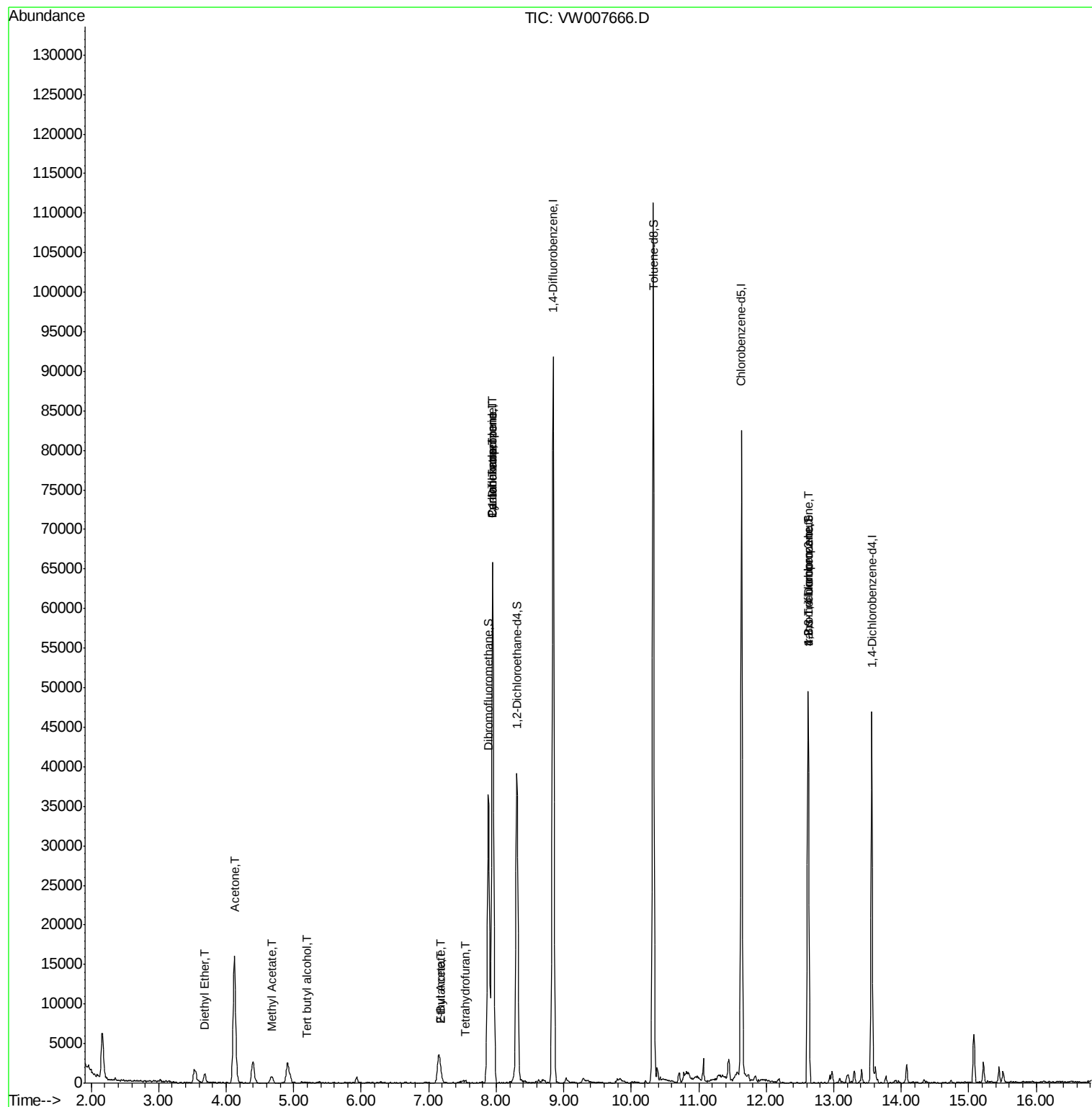
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.69	74	588	2.564	ug/l #	46
11) Tert butyl alcohol	5.19	59	47	1.300	ug/l #	74
16) Acetone	4.12	43	27822	302.508	ug/l	99
18) Methyl Acetate	4.68	43	1670	6.690	ug/l	95
25) 2-Butanone	7.18	43	2098	17.473	ug/l	98
29) Tetrahydrofuran	7.54	42	257	3.381	ug/l #	42
31) Cyclohexane	7.95	56	1101	1.346	ug/l #	19
36) 1,1-Dichloropropene	7.94	75	3577	5.082	ug/l #	51
37) Ethyl Acetate	7.18	43	2098	8.015	ug/l #	66
38) Carbon Tetrachloride	7.95	117	5210	6.803	ug/l #	19
76) 1,2,3-Trichloropropane	12.62	75	8026	80.660	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	8026	178.179	ug/l #	7

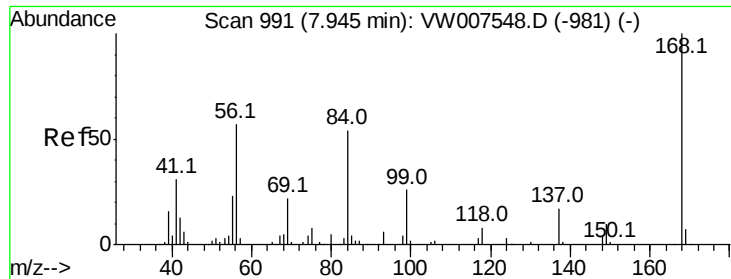
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122018\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007666.D

Acq: 18 Dec 2018 18:36

Instrument :

MSVOA_W

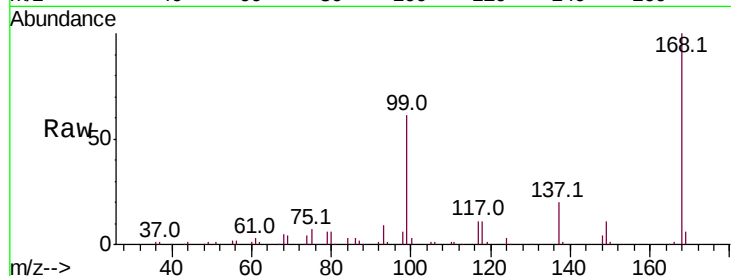
ClientSampleId :

Tot Ion:168 Resp: 47461

Ion Ratio Lower Upper

168 100

99 60.5 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

25000

20000

15000

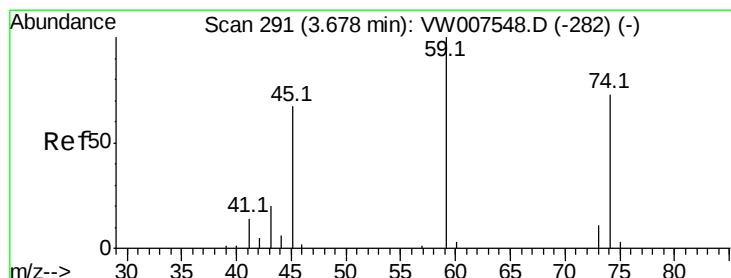
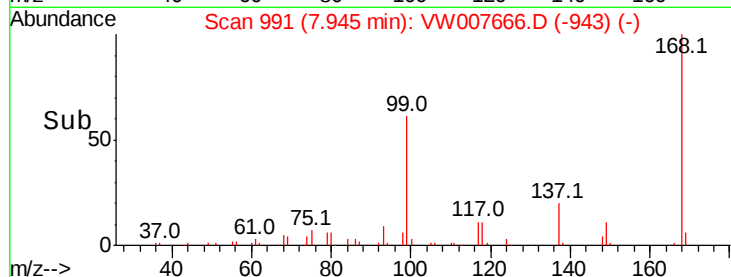
10000

5000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#8

Diethyl Ether

Concen: 2.564 ug/l

RT: 3.69 min Scan# 293

Delta R.T. 0.01 min

Lab File: VW007666.D

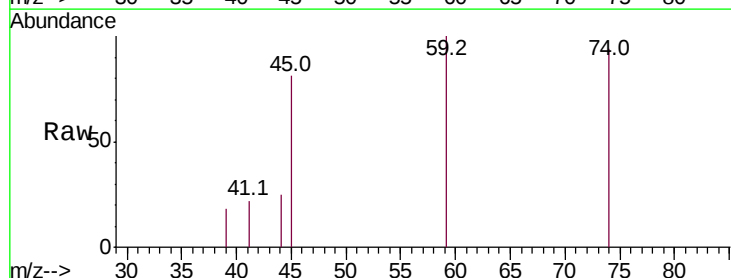
Acq: 18 Dec 2018 18:36

Tgt Ion: 74 Resp: 588

Ion Ratio Lower Upper

74 100

45 135.5 43.0 129.0#



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.69

400

300

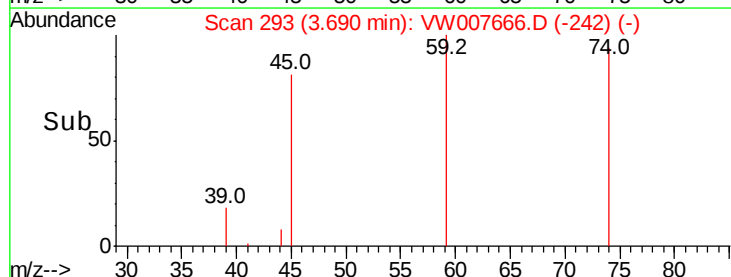
200

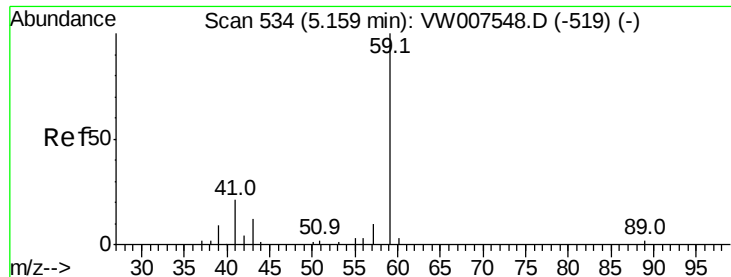
100

0

Time-->

3.65 3.70



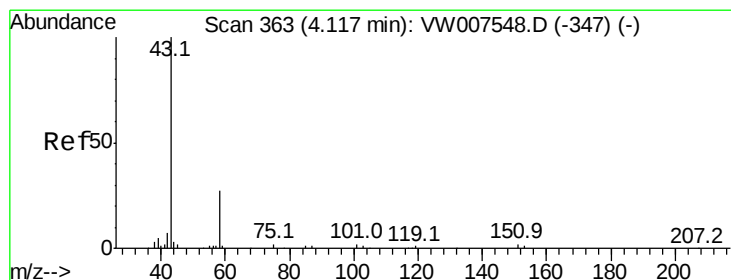
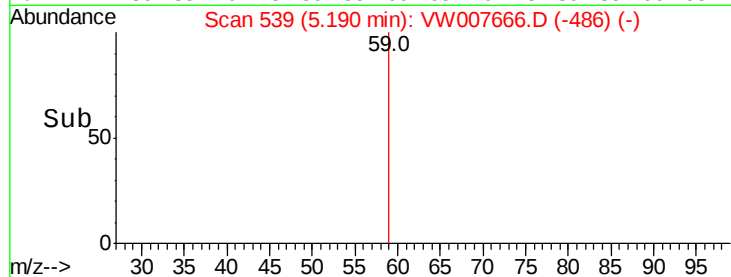
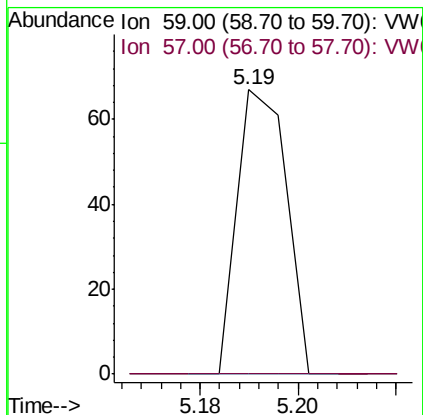
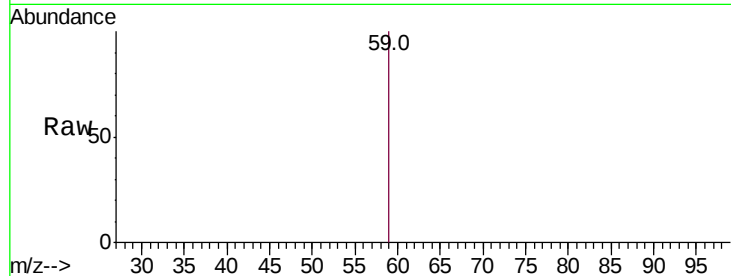


#11

Tert butyl alcohol
 Concen: 1.300 ug/l
 RT: 5.19 min Scan# 539
 Delta R.T. 0.02 min
 Lab File: VW007666.D
 Acq: 18 Dec 2018 18:36

Instrument :
 MSVOA_W
 ClientSampleId :

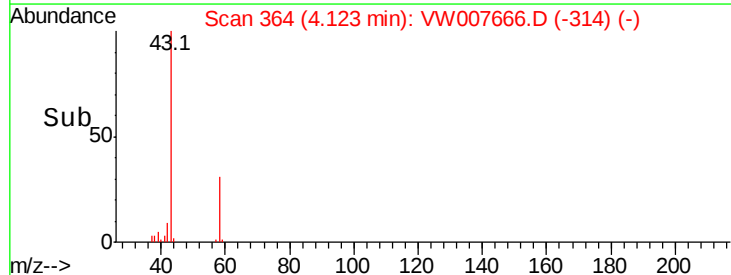
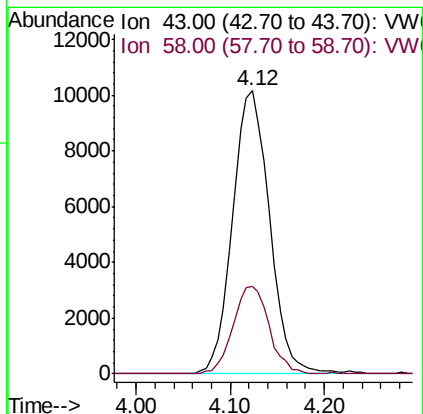
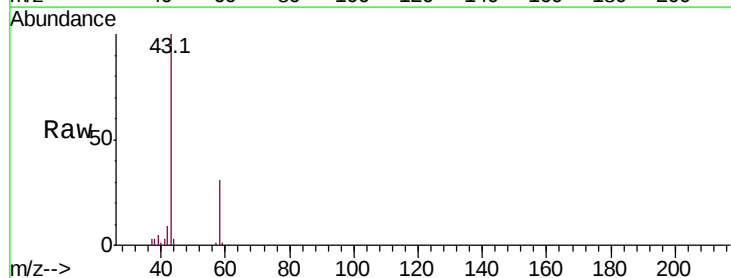
Tot Ion: 59 Resp: 47
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.6 11.4#

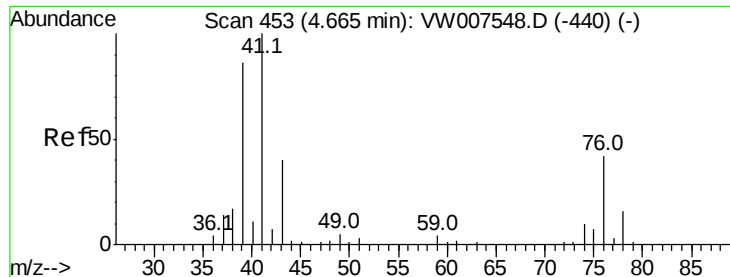


#16

Acetone
 Concen: 302.508 ug/l
 RT: 4.12 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VW007666.D
 Acq: 18 Dec 2018 18:36

Tgt Ion: 43 Resp: 27822
 Ion Ratio Lower Upper
 43 100
 58 30.7 24.9 37.3

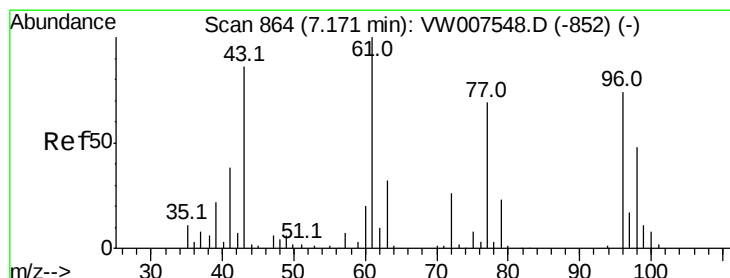
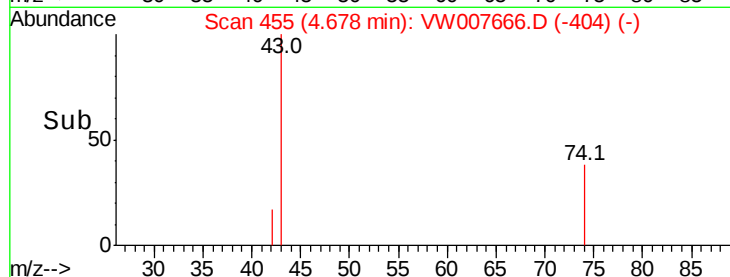
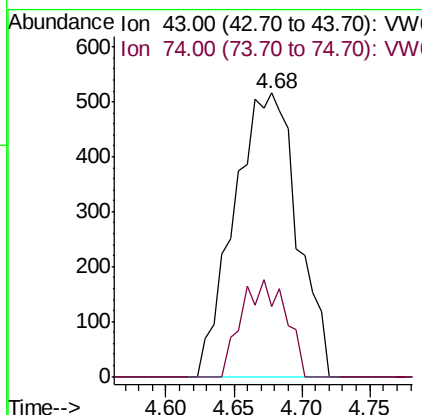
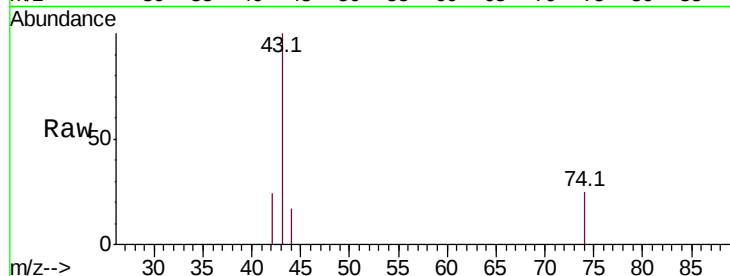




#18
Methvl Acetate
Concen: 6.690 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW007666.D
Acq: 18 Dec 2018 18:36

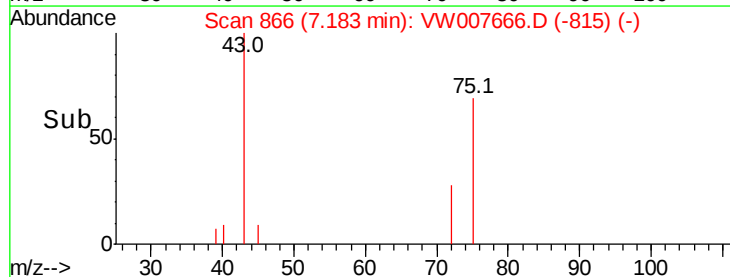
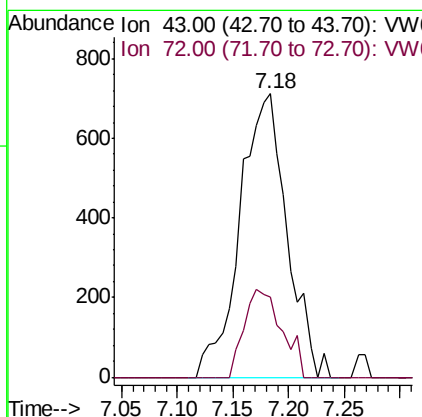
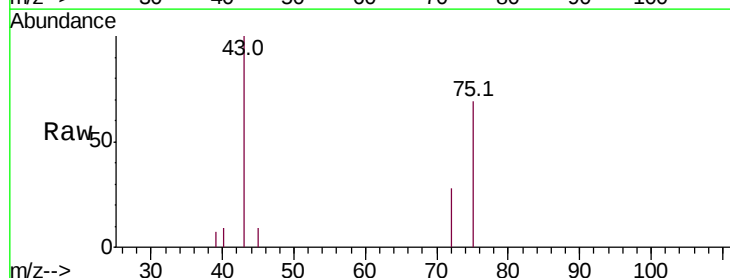
Instrument :
MSVOA_W
ClientSampled :

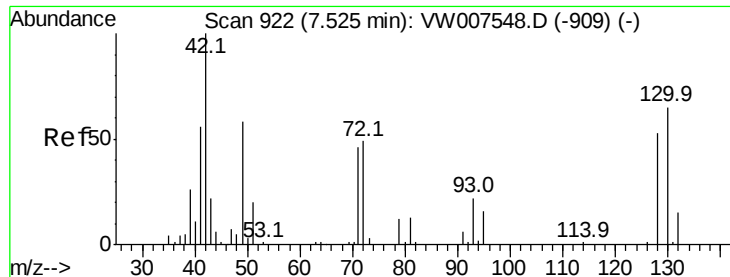
Tot Ion: 43 Resp: 1670
Ion Ratio Lower Upper
43 100
74 23.9 21.1 31.7



#25
2-Butanone
Concen: 17.473 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW007666.D
Acq: 18 Dec 2018 18:36

Tgt Ion: 43 Resp: 2098
Ion Ratio Lower Upper
43 100
72 28.1 23.4 35.2





#29

Tetrahydrofuran

Concen: 3.381 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW007666.D

Acq: 18 Dec 2018 18:36

Instrument :
MSVOA_W
ClientSampled :

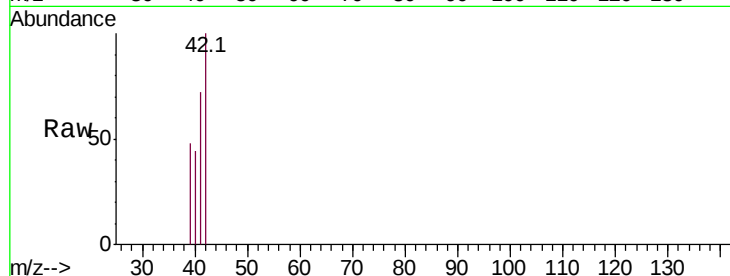
Tot Ion: 42 Resp: 257

Ion Ratio Lower Upper

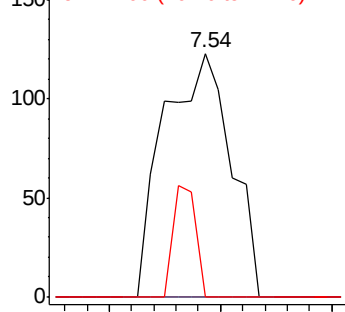
42 100

72 0.0 38.2 57.4#

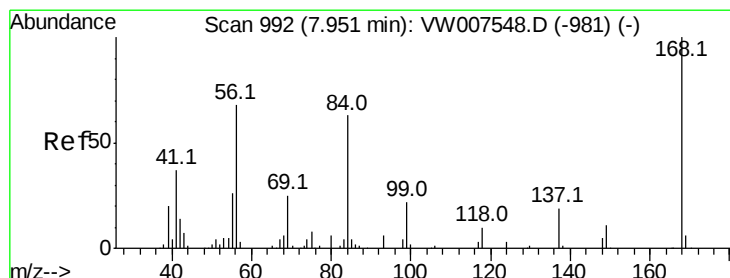
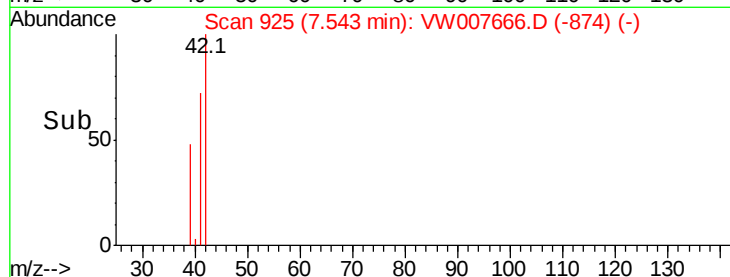
71 15.6 35.5 53.3#



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



Time-->



#31

Cyclohexane

Concen: 1.346 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007666.D

Acq: 18 Dec 2018 18:36

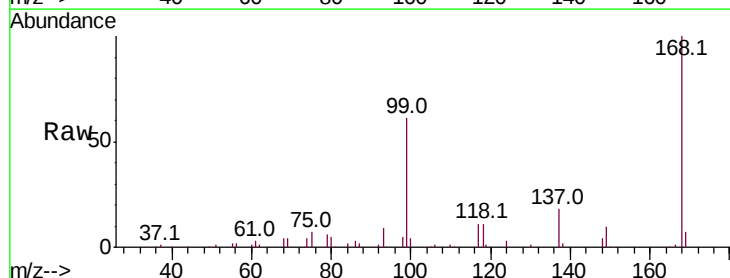
Tgt Ion: 56 Resp: 1101

Ion Ratio Lower Upper

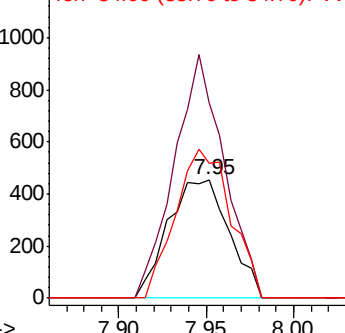
56 100

69 165.1 28.9 43.3#

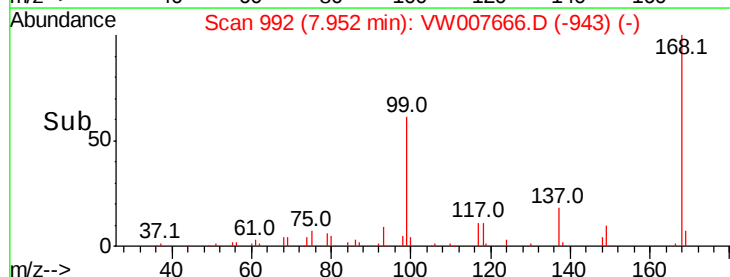
84 114.1 71.8 107.6#

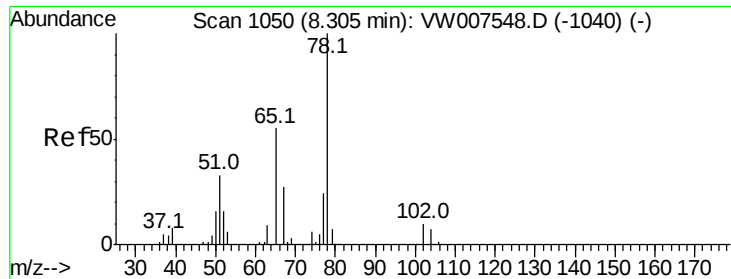


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



Time-->





#33

1,2-Dichloroethane-d4

Concen: 61.256 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW007666.D

Acq: 18 Dec 2018 18:36

Instrument :

MSVOA_W

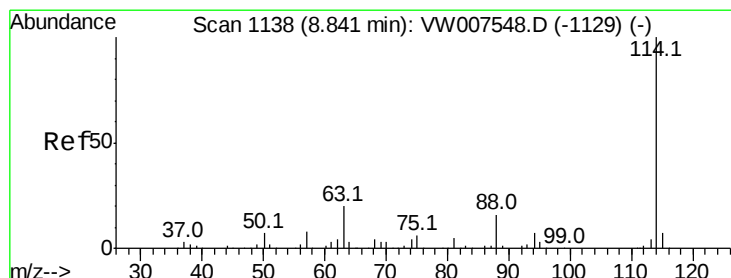
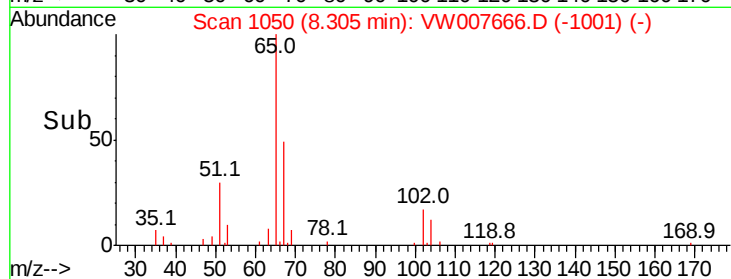
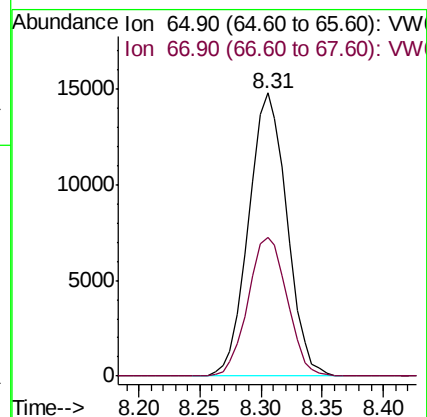
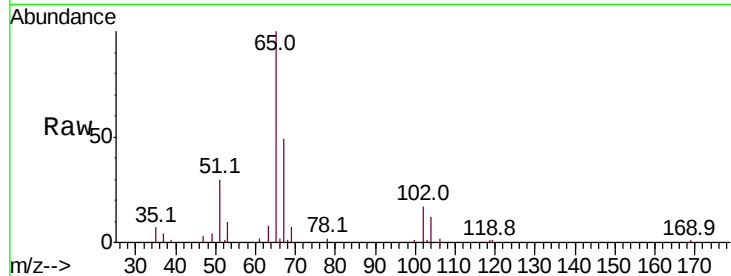
ClientSampleId :

Tot Ion: 65 Resp: 32254

Ion Ratio Lower Upper

65 100

67 50.0 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW007666.D

Acq: 18 Dec 2018 18:36

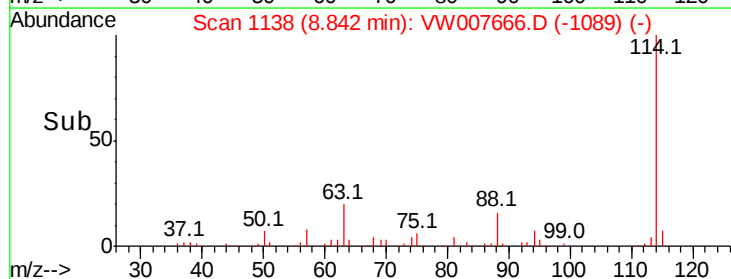
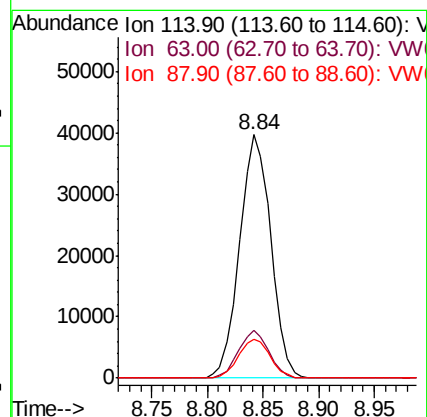
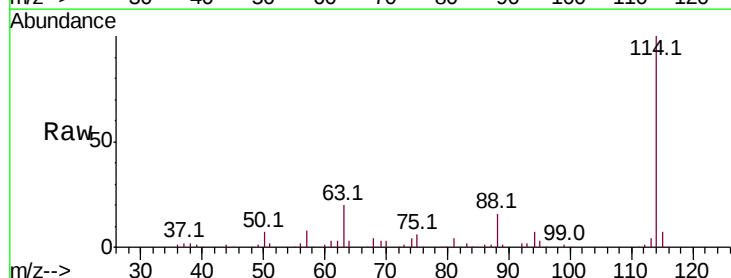
Tgt Ion: 114 Resp: 77151

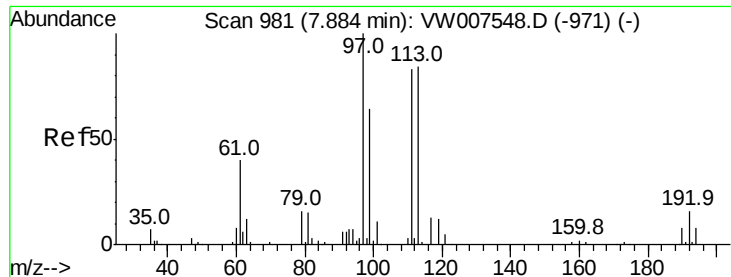
Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

88 16.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 58.027 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW007666.D

Acq: 18 Dec 2018 18:36

Instrument :
MSVOA_W
ClientSampleId :

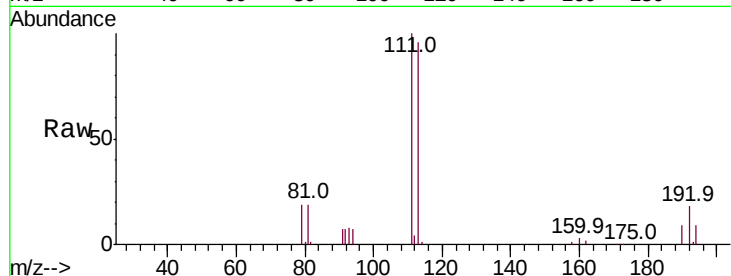
Tot Ion:113 Resp: 27100

Ion Ratio Lower Upper

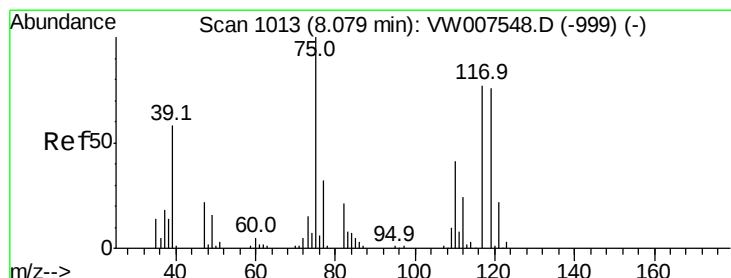
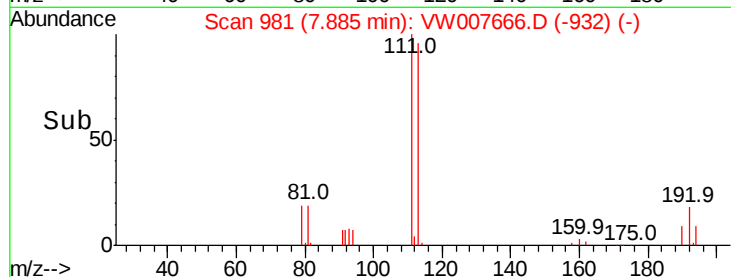
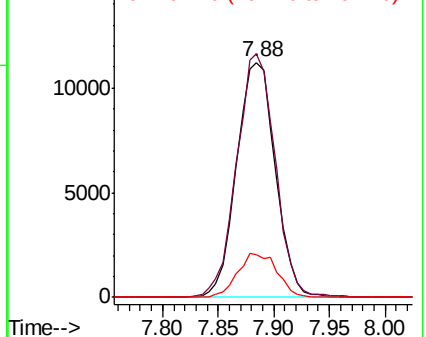
113 100

111 103.3 81.1 121.7

192 19.0 14.6 21.8



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: 5.082 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW007666.D

Acq: 18 Dec 2018 18:36

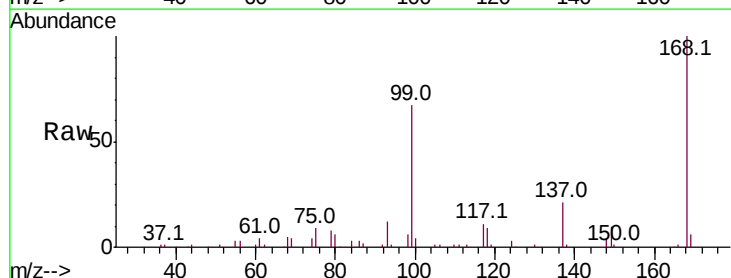
Tgt Ion: 75 Resp: 3577

Ion Ratio Lower Upper

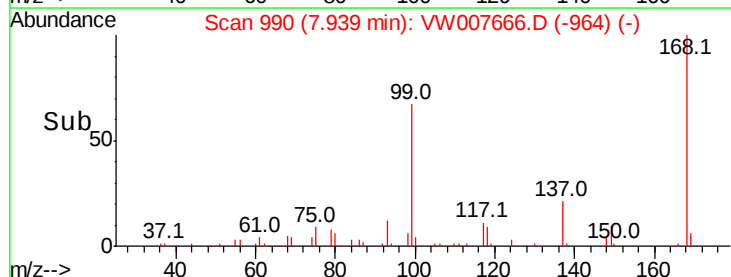
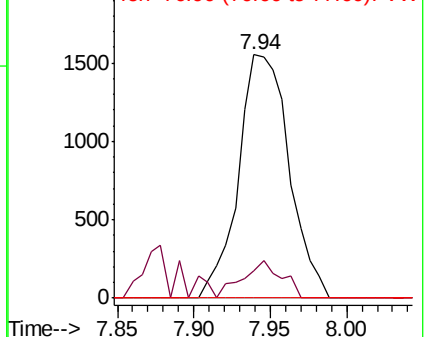
75 100

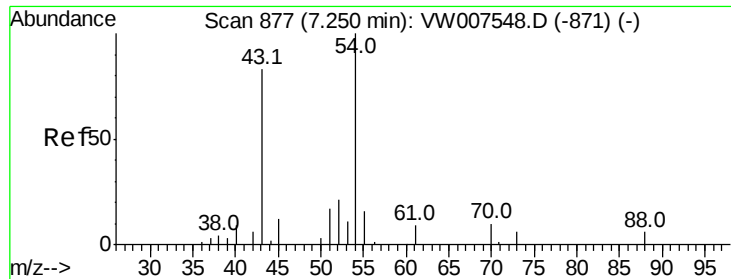
110 11.7 18.5 55.5#

77 0.0 25.6 38.4#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW

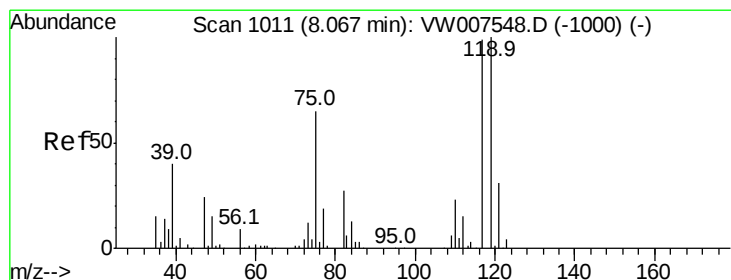
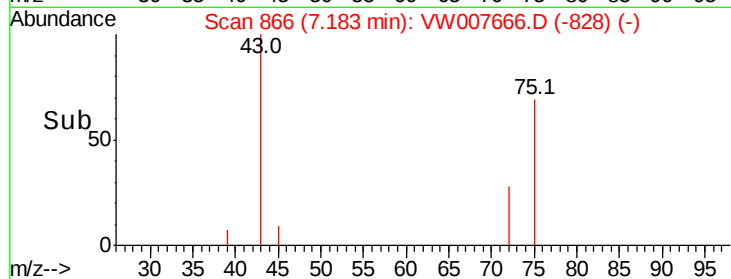
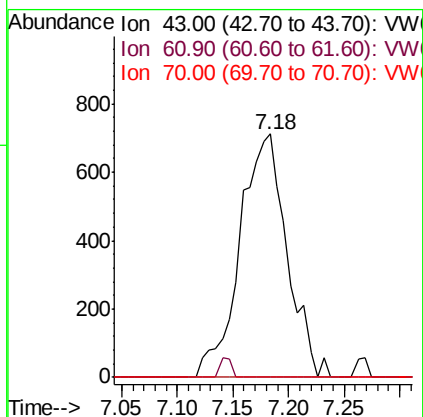
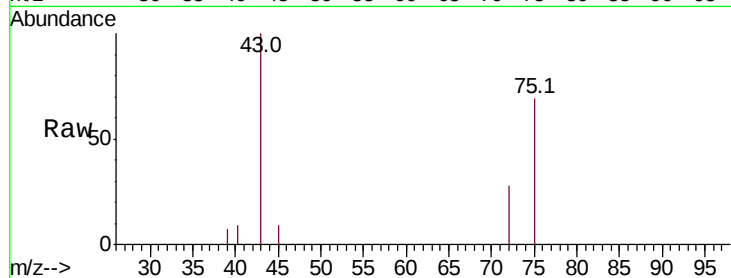




#37
Ethyl Acetate
Concen: 8.015 ug/l
RT: 7.18 min Scan# 866
Delta R.T. -0.07 min
Lab File: VW007666.D
Acq: 18 Dec 2018 18:36

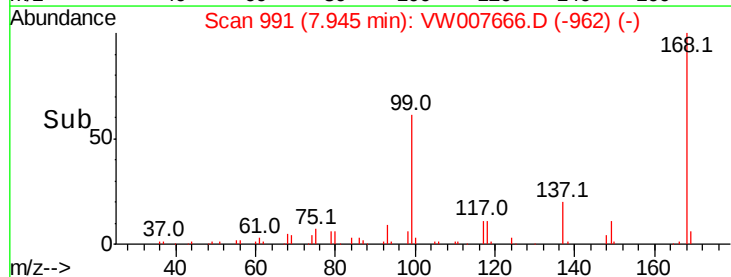
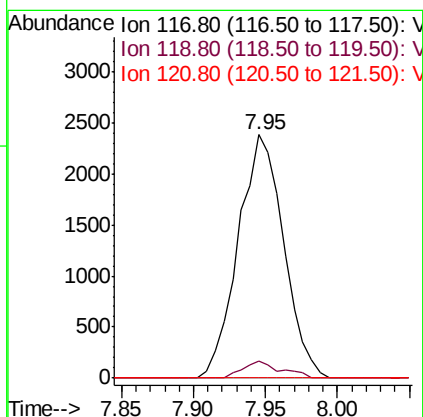
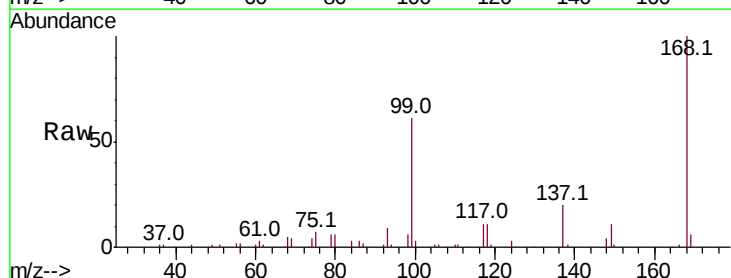
Instrument :
MSVOA_W
ClientSampled :

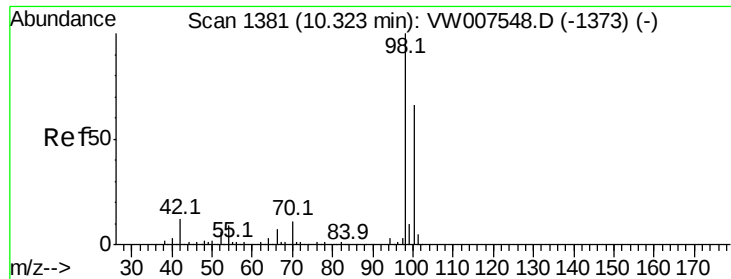
Tot Ion: 43 Resp: 2098
Ion Ratio Lower Upper
43 100
61 0.0 12.1 18.1#
70 0.0 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 6.803 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007666.D
Acq: 18 Dec 2018 18:36

Tgt Ion: 117 Resp: 5210
Ion Ratio Lower Upper
117 100
119 6.9 74.3 111.5#
121 0.0 24.3 36.5#

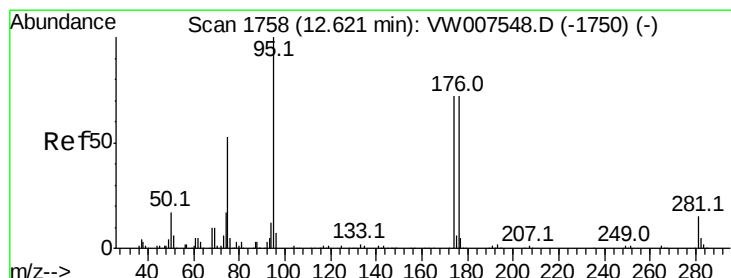
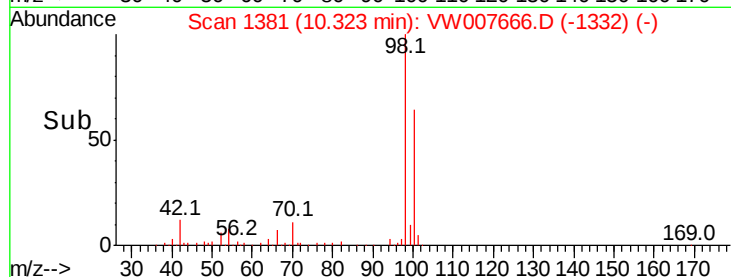
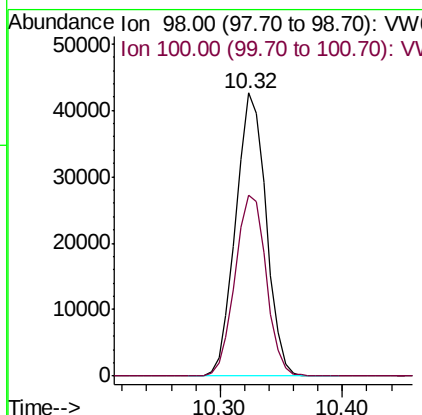
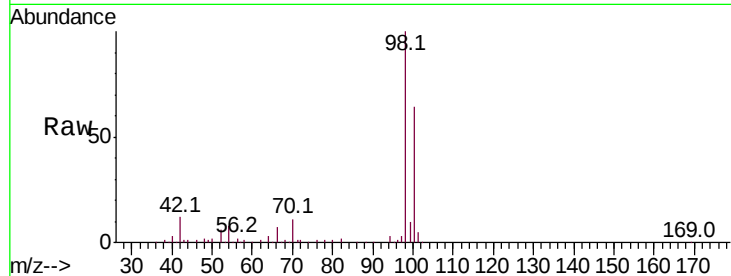




#50
Toluene-d8
Concen: 41.943 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW007666.D
Acq: 18 Dec 2018 18:36

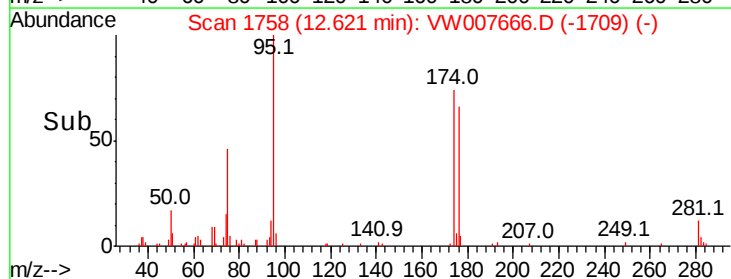
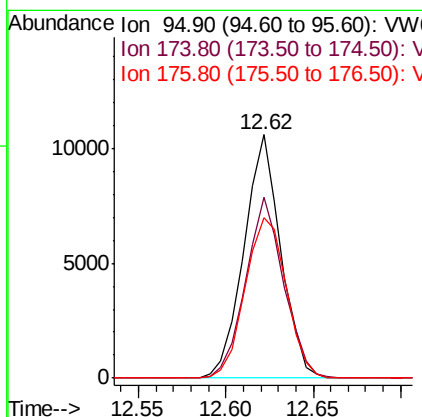
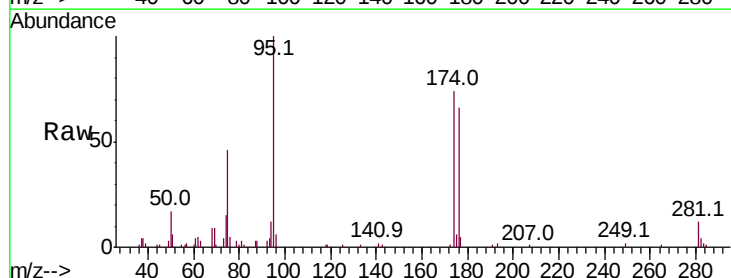
Instrument :
MSVOA_W
ClientSampleId :

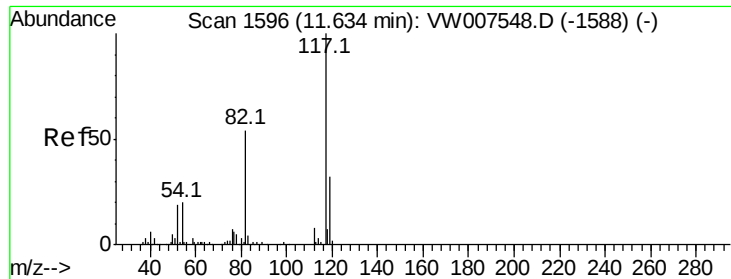
Tot Ion: 98 Resp: 73446
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 24.000 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007666.D
Acq: 18 Dec 2018 18:36

Tgt Ion: 95 Resp: 15452
Ion Ratio Lower Upper
95 100
174 77.0 0.0 147.2
176 73.9 0.0 138.8

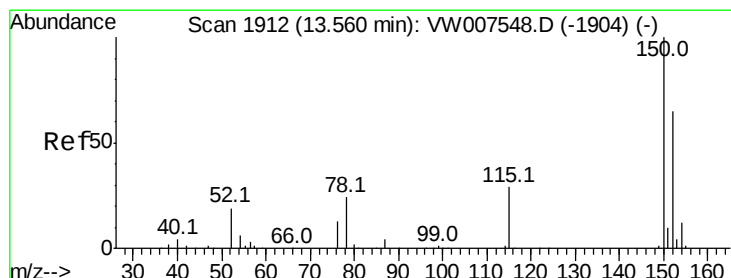
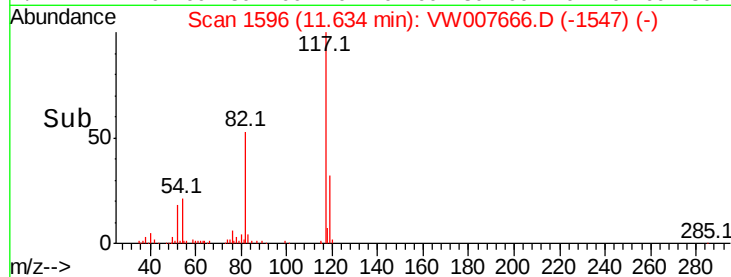
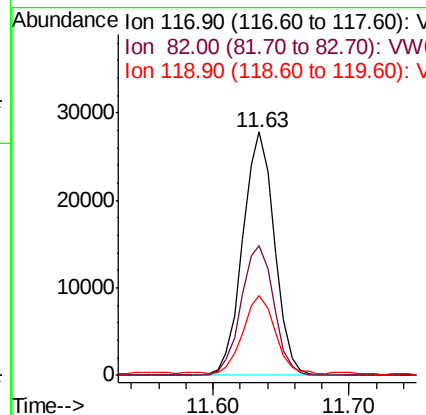
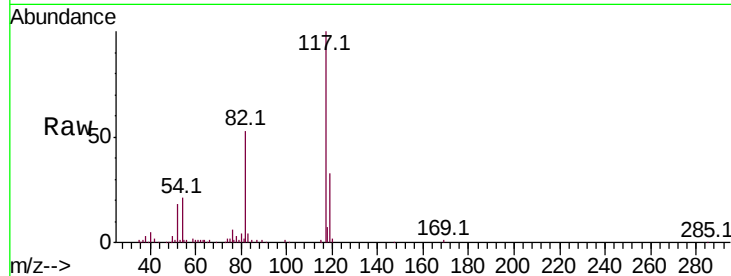




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007666.D
Acq: 18 Dec 2018 18:36

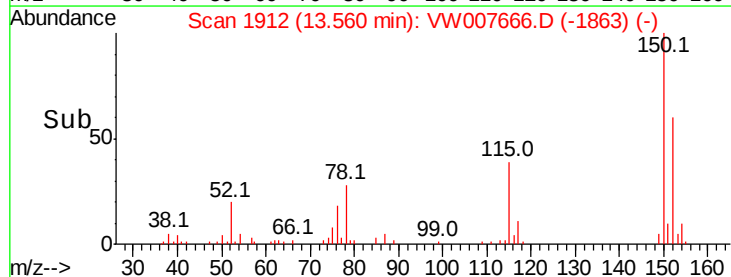
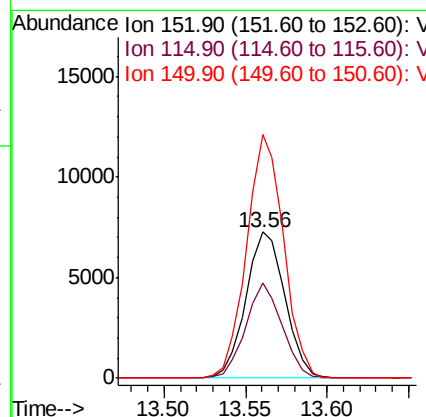
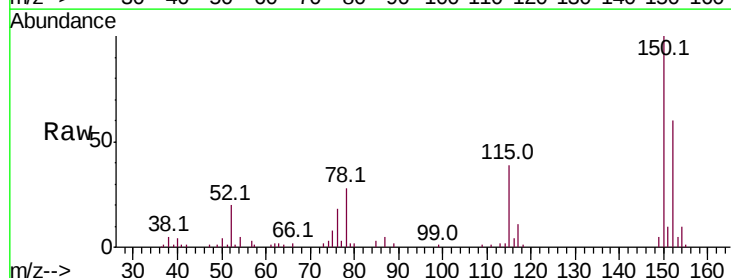
Instrument :
MSVOA_W
ClientSampleId :

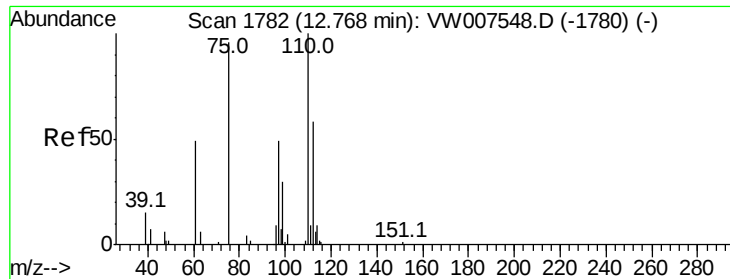
Tot Ion:117 Resp: 45456
Ion Ratio Lower Upper
117 100
82 53.1 42.3 63.5
119 31.6 23.0 34.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007666.D
Acq: 18 Dec 2018 18:36

Tgt Ion:152 Resp: 12068
Ion Ratio Lower Upper
152 100
115 61.0 31.4 94.2
150 158.3 0.0 358.4





#76

1,2,3-Trichloropropane

Concen: 80.660 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007666.D

Acq: 18 Dec 2018 18:36

Instrument :

MSVOA_W

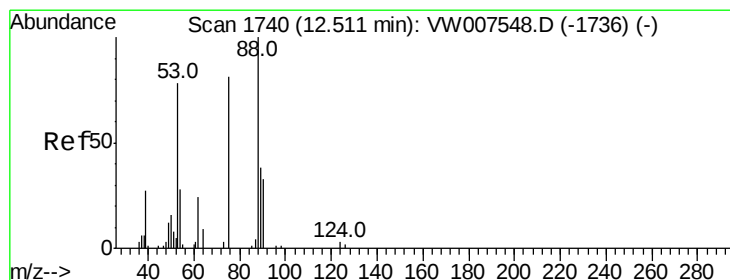
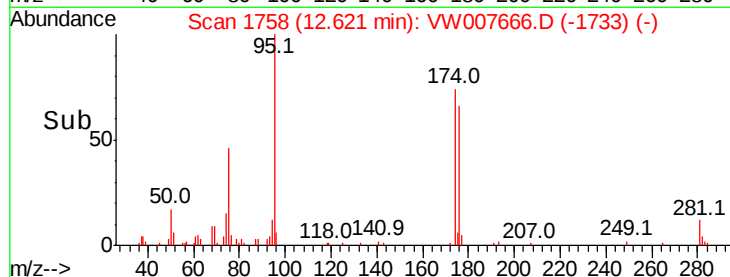
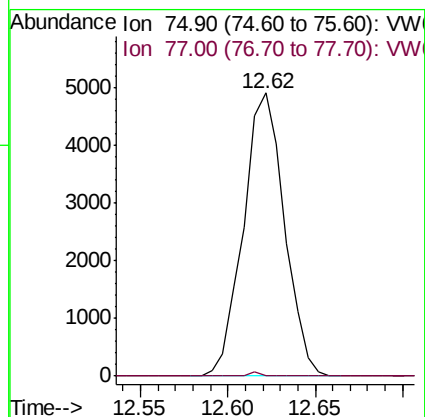
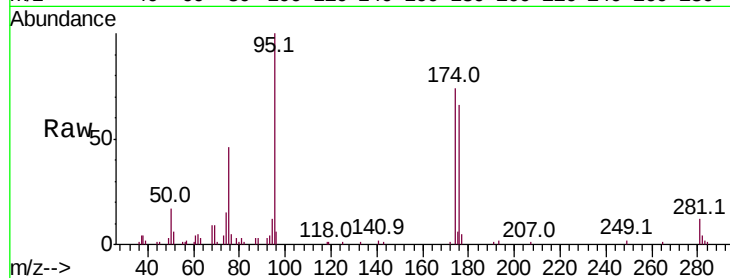
ClientSampled :

Tot Ion: 75 Resp: 8026

Ion Ratio Lower Upper

75 100

77 0.3 166.9 500.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 178.179 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007666.D

Acq: 18 Dec 2018 18:36

Tgt Ion: 75 Resp: 8026

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#

