

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122018\
 Data File : VW007671.D
 Acq On : 18 Dec 2018 20:46
 Operator : SY/AP
 Sample : J6362-02
 Misc : 4.05G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 19 03:21:27 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	67407	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	133904	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	111256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	41017	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	47065	62.94	ug/l	0.00
Spiked Amount			Recovery	=	125.88%	
35) Dibromofluoromethane	7.88	113	39848	49.16	ug/l	0.00
Spiked Amount			Recovery	=	98.32%	
50) Toluene-d8	10.32	98	135097	44.45	ug/l	0.00
Spiked Amount			Recovery	=	88.90%	
62) 4-Bromofluorobenzene	12.62	95	44736	40.03	ug/l	0.00
Spiked Amount			Recovery	=	80.06%	

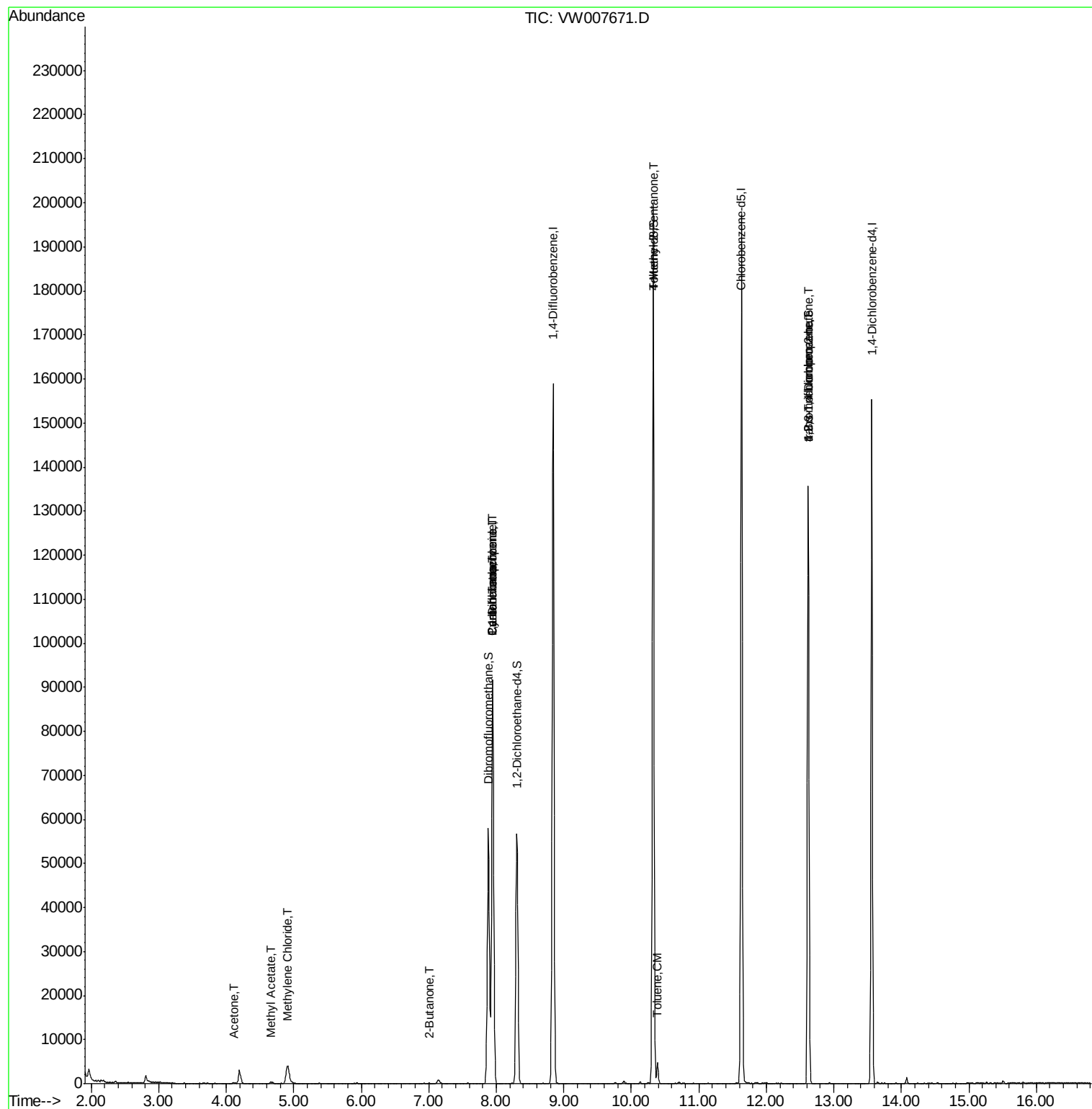
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	212	1.623	ug/l #	44
18) Methyl Acetate	4.66	43	836	2.358	ug/l #	65
20) Methylene Chloride	4.90	84	3955	1.757	ug/l #	86
25) 2-Butanone	7.01	43	206	1.208	ug/l #	45
31) Cyclohexane	7.94	56	1525	1.313	ug/l #	55
36) 1,1-Dichloropropene	7.95	75	5047	4.132	ug/l #	50
38) Carbon Tetrachloride	7.95	117	7102	5.343	ug/l #	18
51) 4-Methyl-2-Pentanone	10.32	43	623	1.469	ug/l #	1
52) Toluene	10.39	92	2216	1.010	ug/l	99
76) 1,2,3-Trichloropropane	12.62	75	23444	69.321	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	23444	153.130	ug/l #	7

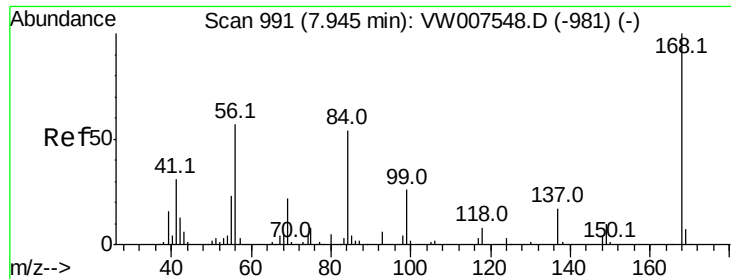
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122018\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007671.D

Acq: 18 Dec 2018 20:46

Instrument :

MSVOA_W

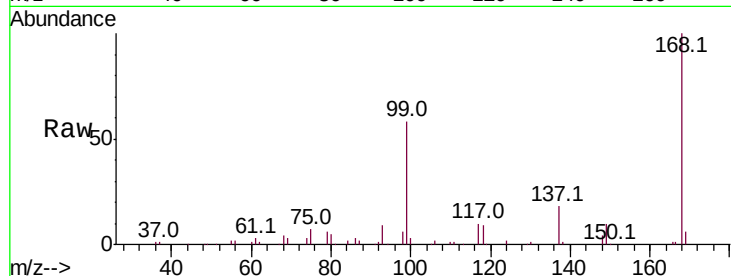
ClientSampleId :

Tot Ion:168 Resp: 67407

Ion Ratio Lower Upper

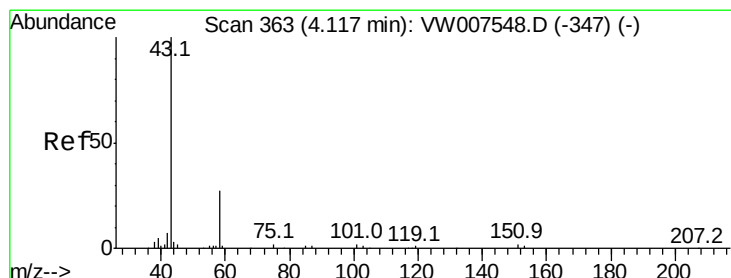
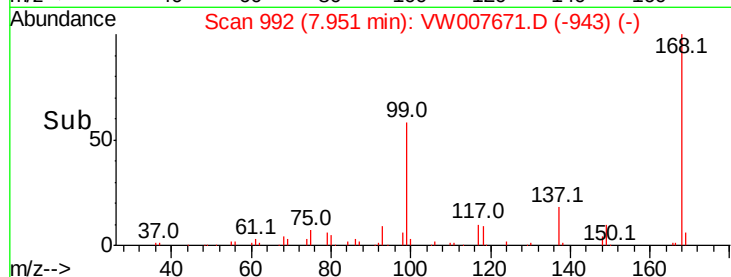
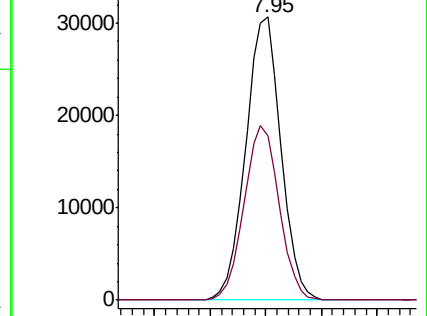
168 100

99 58.3 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 1.623 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007671.D

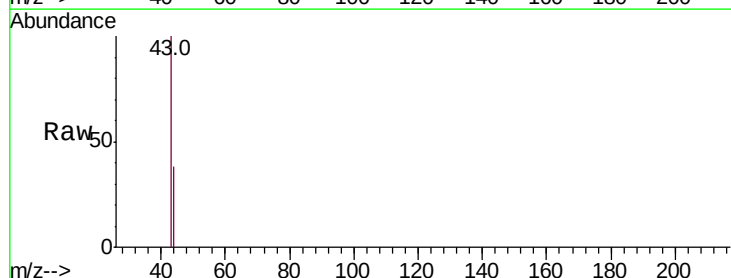
Acq: 18 Dec 2018 20:46

Tgt Ion: 43 Resp: 212

Ion Ratio Lower Upper

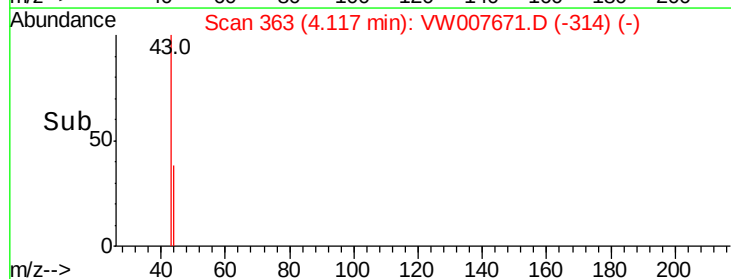
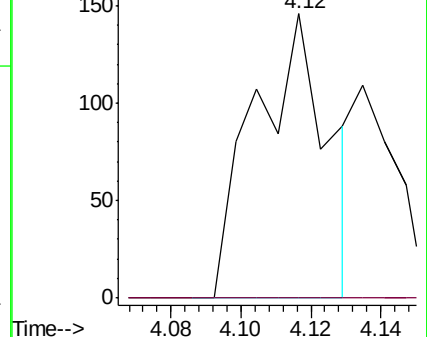
43 100

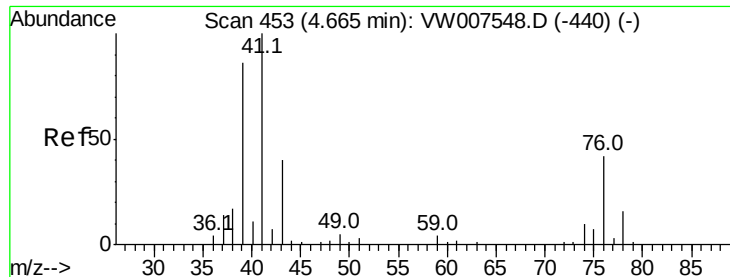
58 0.0 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#18

Methyl Acetate

Concen: 2.358 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW007671.D

Acq: 18 Dec 2018 20:46

Instrument :

MSVOA_W

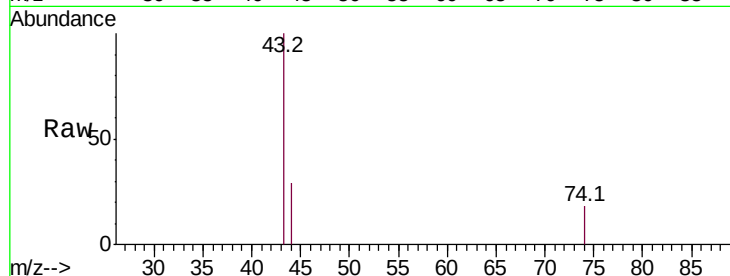
ClientSampleId :

Tot Ion: 43 Resp: 836

Ion Ratio Lower Upper

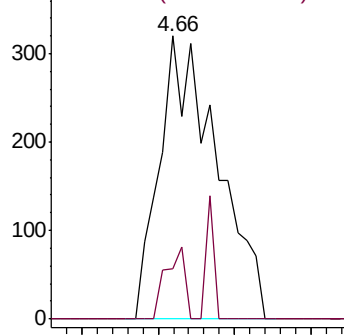
43 100

74 8.5 21.1 31.7#

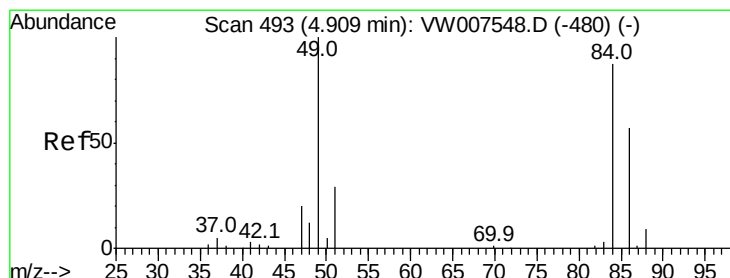
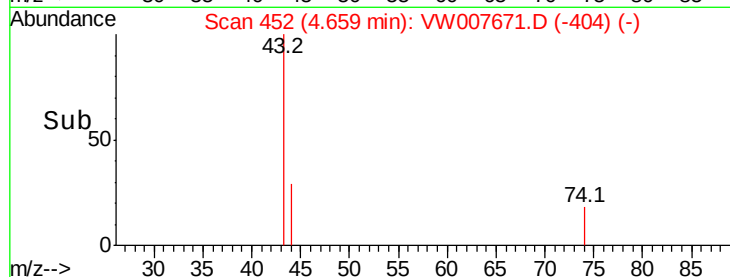


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



Time-->



#20

Methylene Chloride

Concen: 1.757 ug/l

RT: 4.90 min Scan# 492

Delta R.T. 0.00 min

Lab File: VW007671.D

Acq: 18 Dec 2018 20:46

Tgt Ion: 84 Resp: 3955

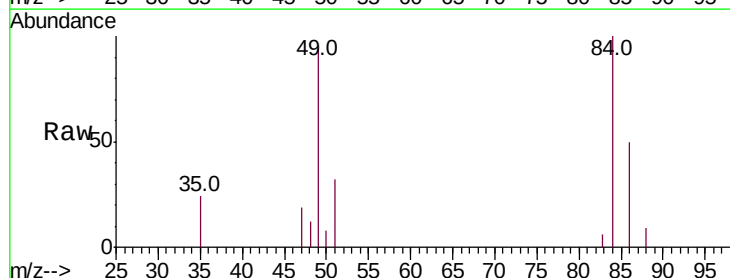
Ion Ratio Lower Upper

84 100

49 93.6 87.1 130.7

51 32.5 28.2 42.2

86 49.9 50.8 76.2#

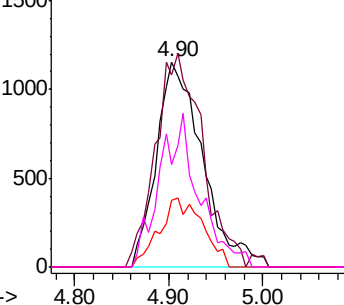


Abundance Ion 83.90 (83.60 to 84.60): VW

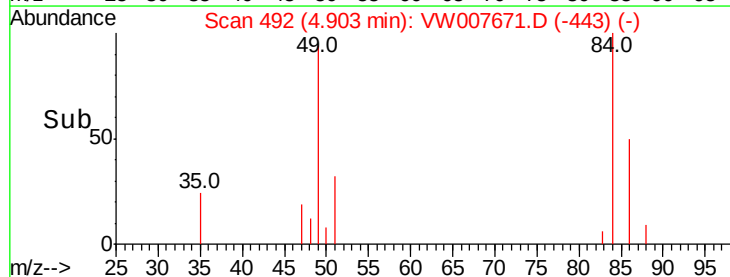
Ion 48.90 (48.60 to 49.60): VW

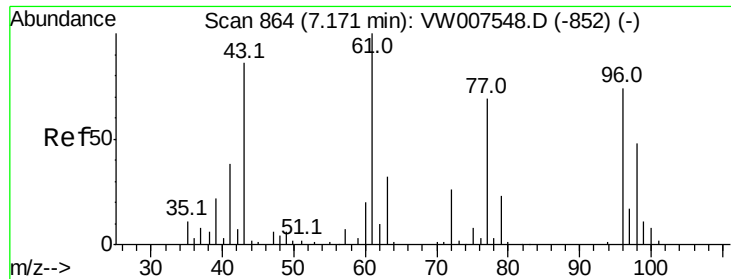
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



Time-->





#25

2-Butanone

Concen: 1.208 ug/l

RT: 7.01 min Scan# 837

Delta R.T. -0.16 min

Lab File: VW007671.D

Acq: 18 Dec 2018 20:46

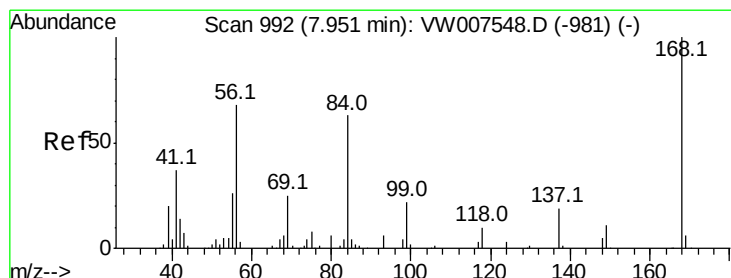
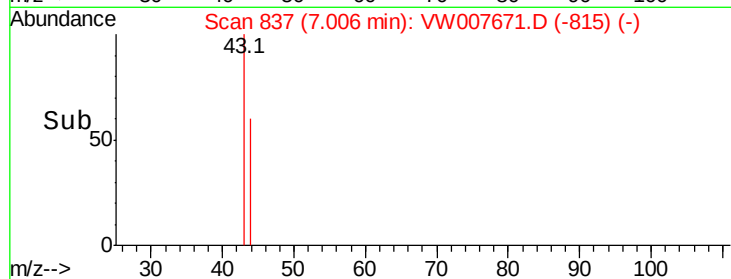
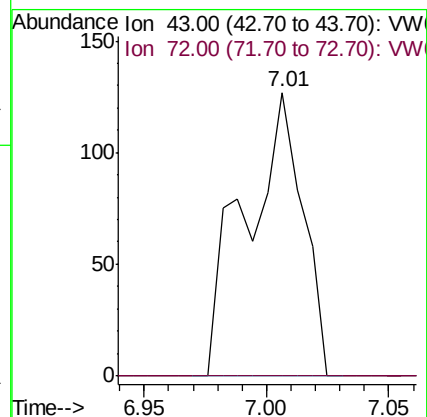
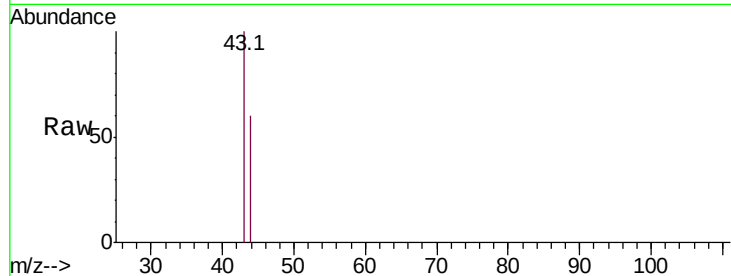
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 206

Ion Ratio Lower Upper

43 100

72 0.0 23.4 35.2#



#31

Cyclohexane

Concen: 1.313 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW007671.D

Acq: 18 Dec 2018 20:46

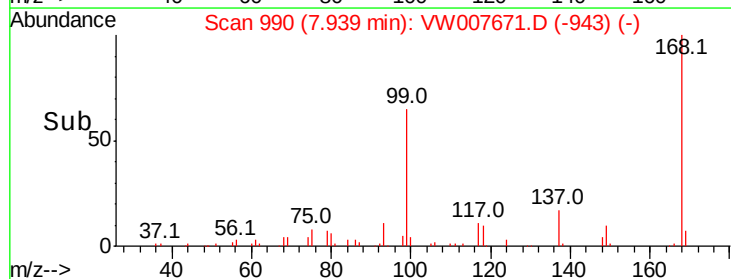
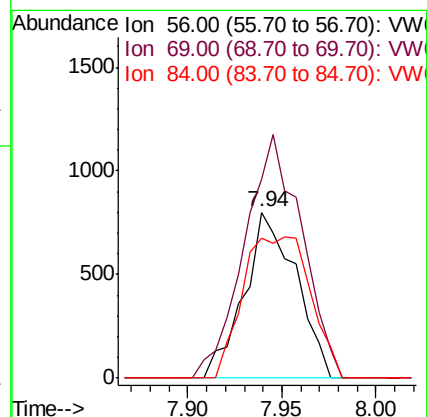
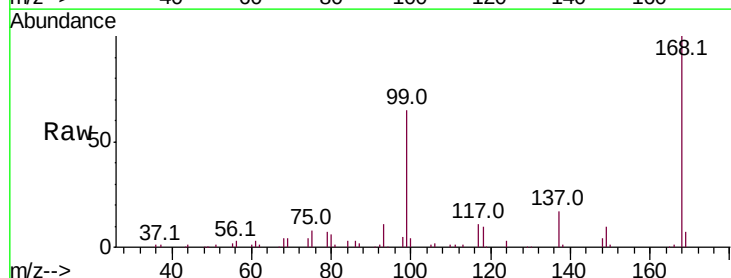
Tgt Ion: 56 Resp: 1525

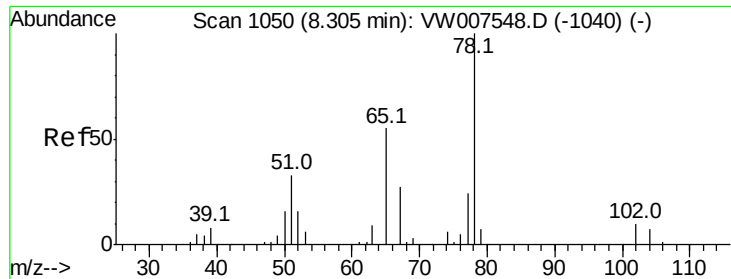
Ion Ratio Lower Upper

56 100

69 119.8 28.9 43.3#

84 84.5 71.8 107.6

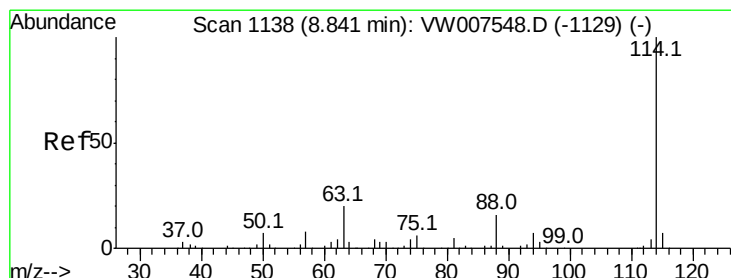
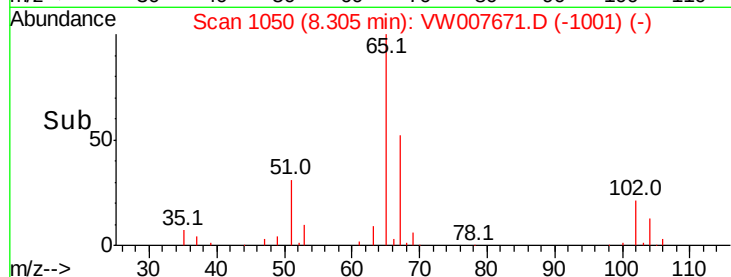
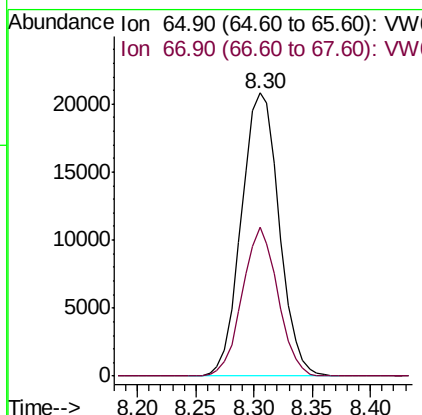
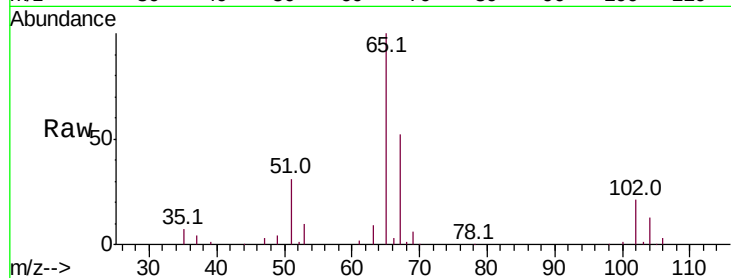




#33
 1,2-Dichloroethane-d4
 Concen: 62.936 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007671.D
 Acq: 18 Dec 2018 20:46

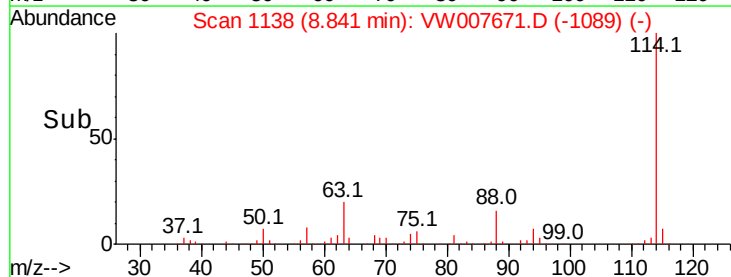
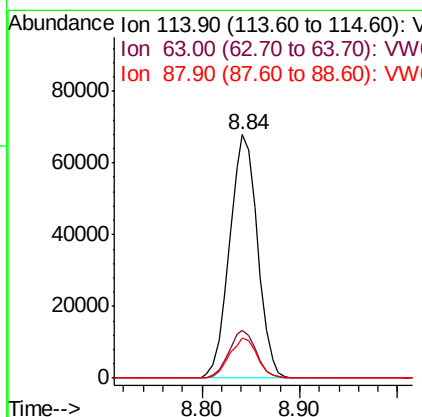
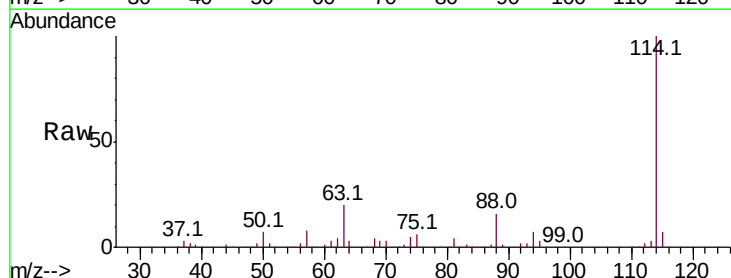
Instrument :
 MSVOA_W
 ClientSampleId :

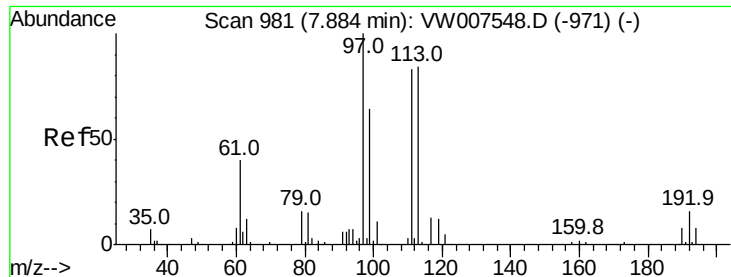
Tot Ion: 65 Resp: 47065
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007671.D
 Acq: 18 Dec 2018 20:46

Tgt Ion: 114 Resp: 133904
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.6
 88 16.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.160 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007671.D

Acq: 18 Dec 2018 20:46

Instrument :
MSVOA_W
ClientSampleId :

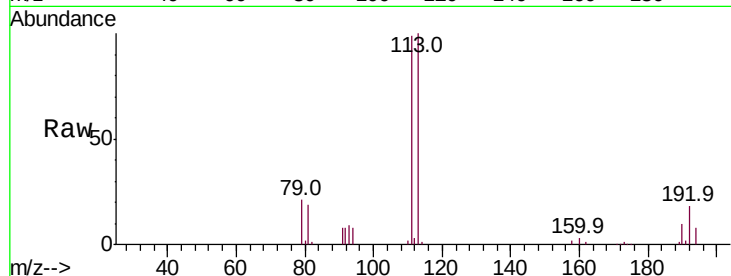
Tot Ion:113 Resp: 39848

Ion Ratio Lower Upper

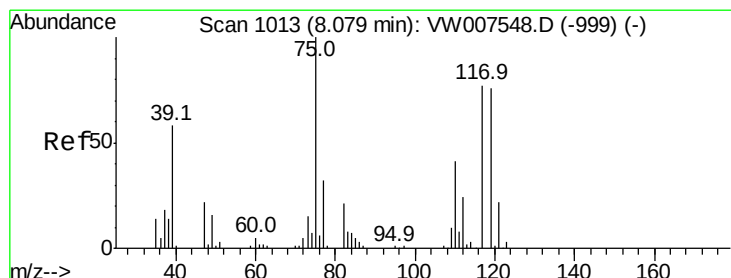
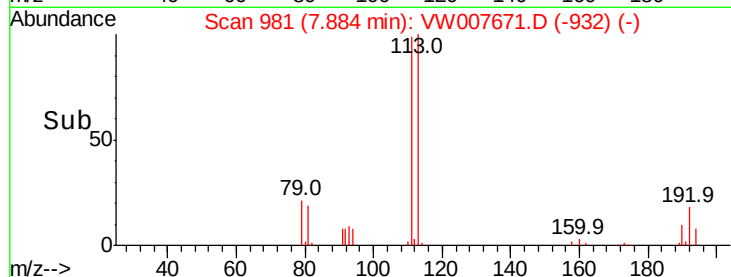
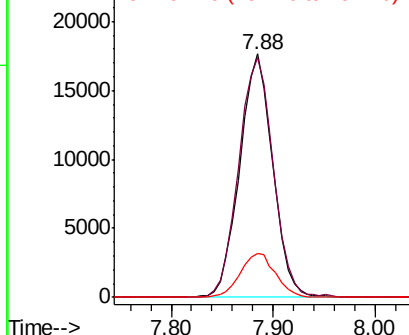
113 100

111 102.8 81.1 121.7

192 19.1 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: 4.132 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW007671.D

Acq: 18 Dec 2018 20:46

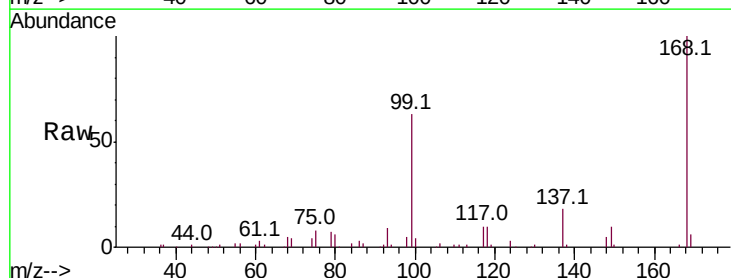
Tgt Ion: 75 Resp: 5047

Ion Ratio Lower Upper

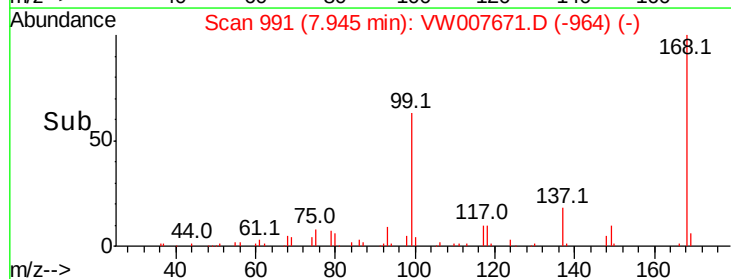
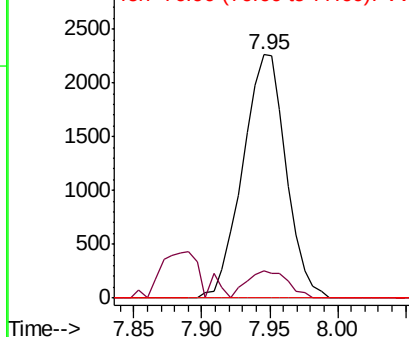
75 100

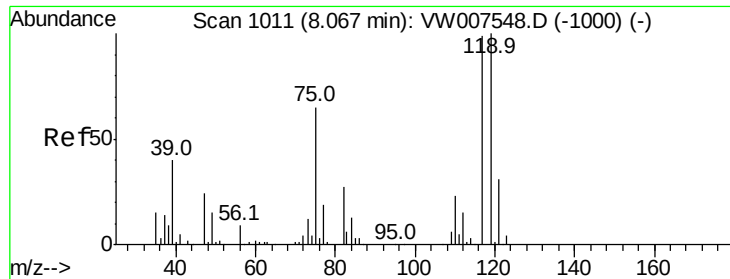
110 10.6 18.5 55.5#

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

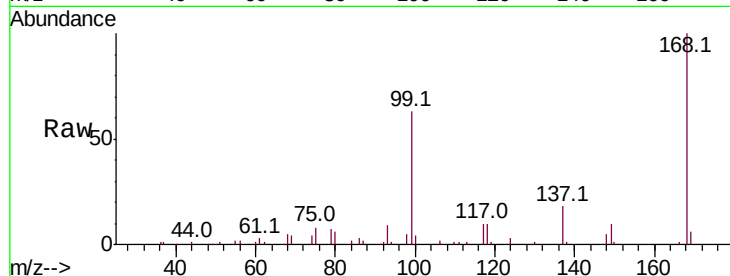




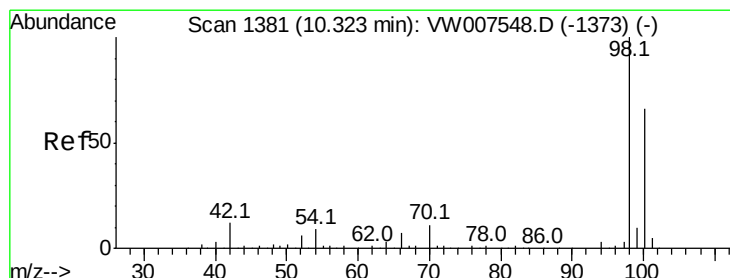
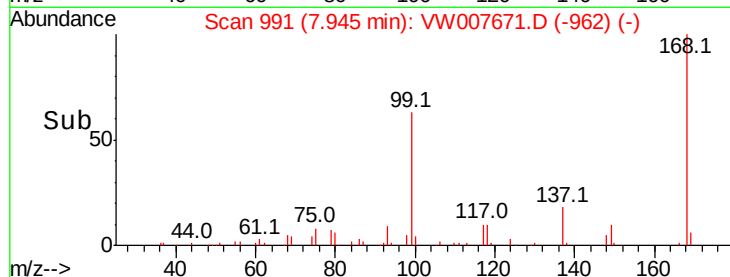
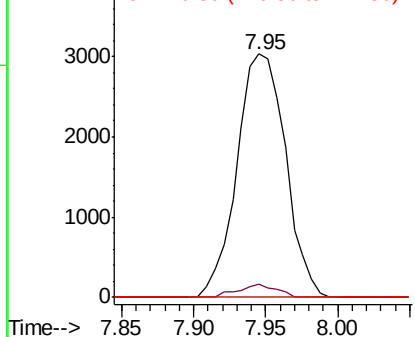
#38
Carbon Tetrachloride
Concen: 5.343 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007671.D
Acq: 18 Dec 2018 20:46

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 7102
Ion Ratio Lower Upper
117 100
119 5.5 74.3 111.5#
121 0.0 24.3 36.5#

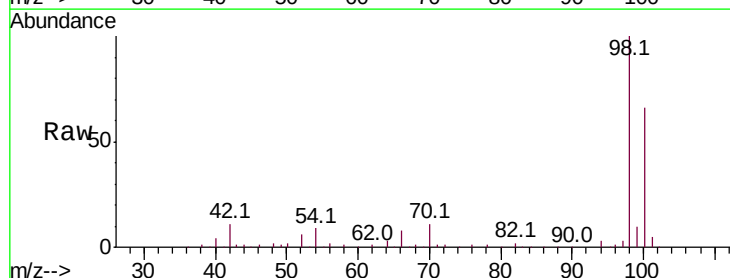


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

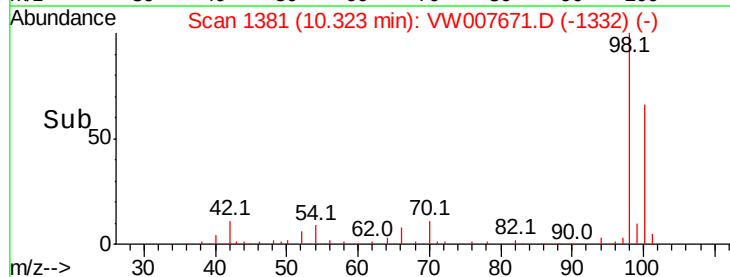
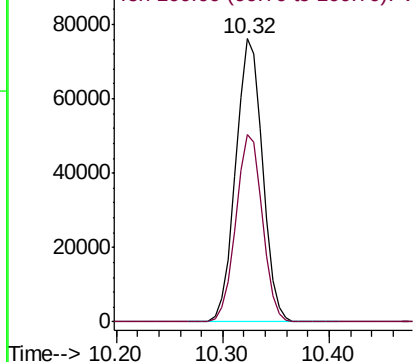


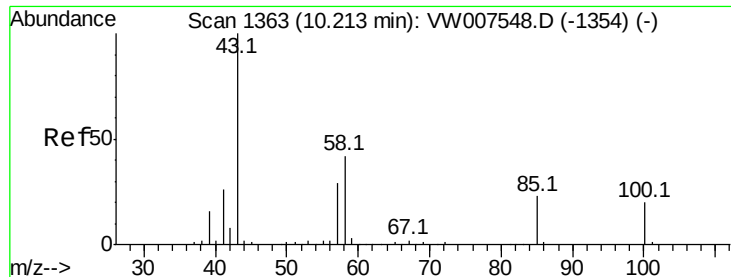
#50
Toluene-d8
Concen: 44.451 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007671.D
Acq: 18 Dec 2018 20:46

Tgt Ion: 98 Resp: 135097
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 1.469 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.12 min

Lab File: VW007671.D

Acq: 18 Dec 2018 20:46

Instrument :

MSVOA_W

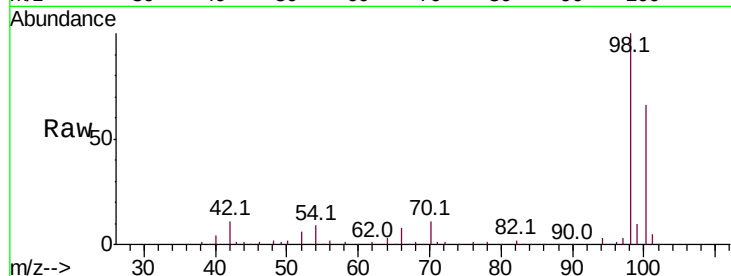
ClientSampleId :

Tot Ion: 43 Resp: 623

Ion Ratio Lower Upper

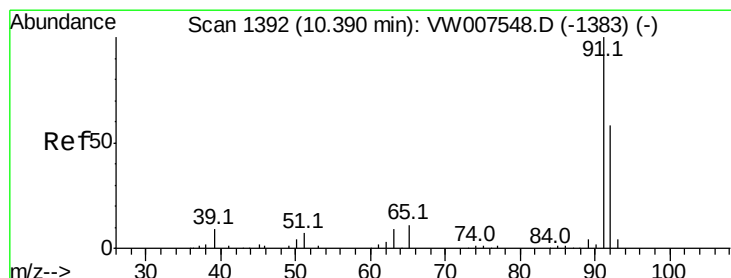
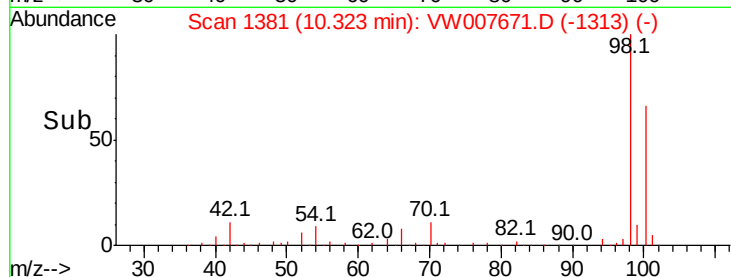
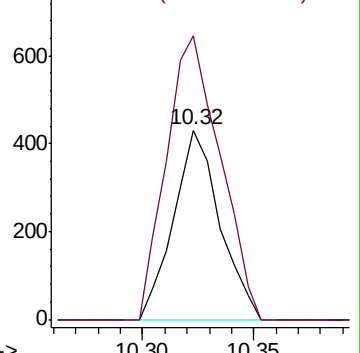
43 100

58 174.0 33.1 49.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 1.010 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007671.D

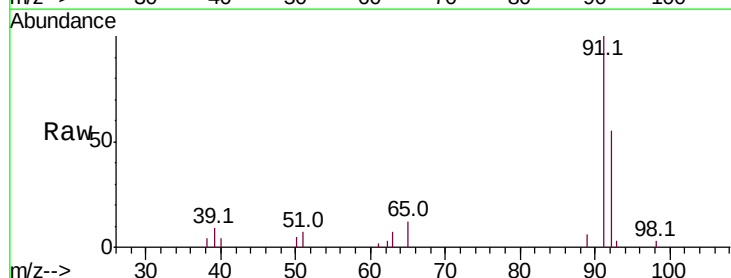
Acq: 18 Dec 2018 20:46

Tgt Ion: 92 Resp: 2216

Ion Ratio Lower Upper

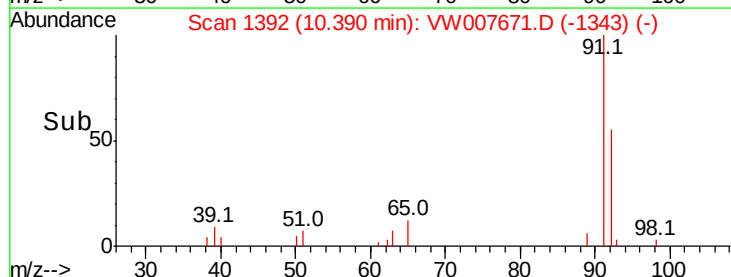
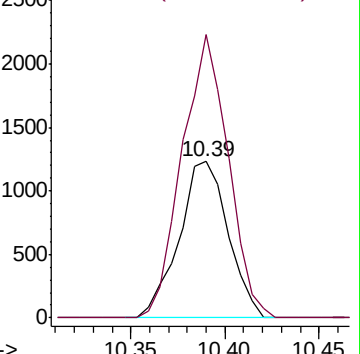
92 100

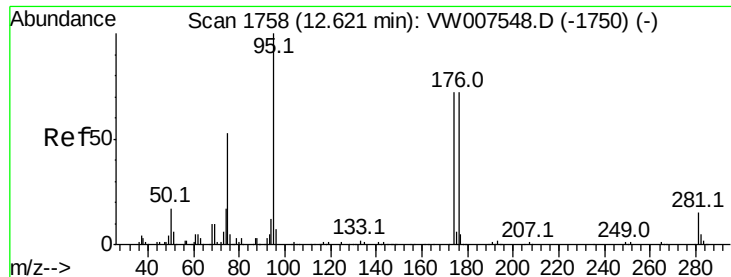
91 170.9 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

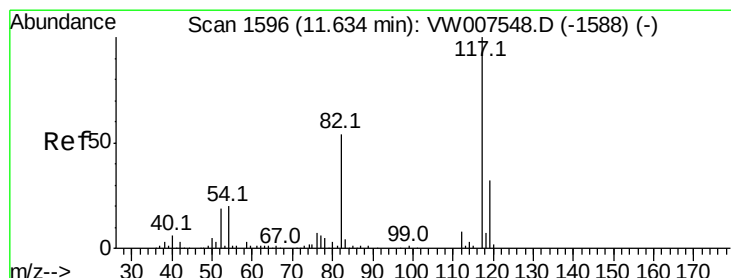
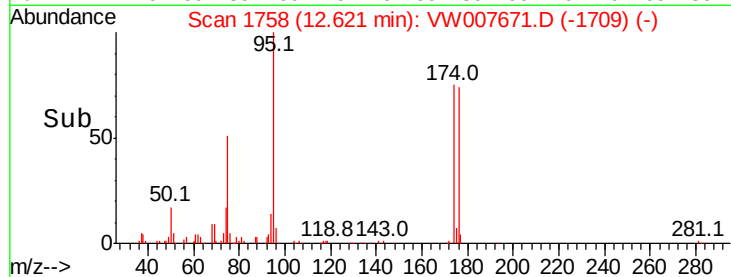
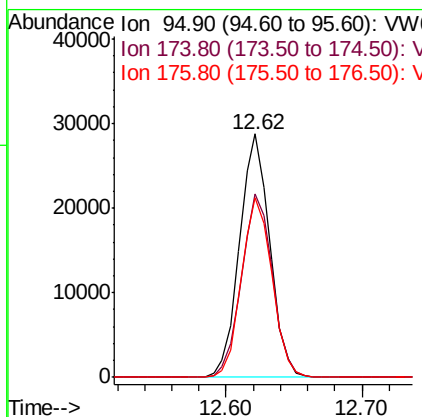
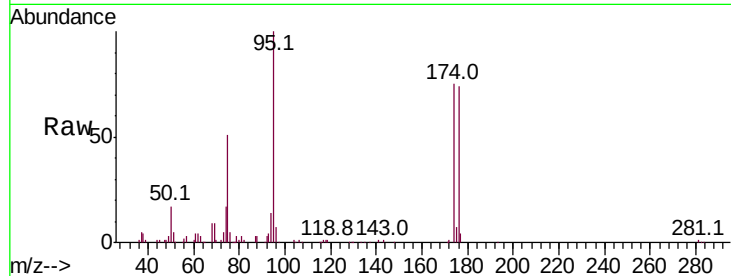




#62
4-Bromofluorobenzene
Concen: 40.034 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007671.D
Acq: 18 Dec 2018 20:46

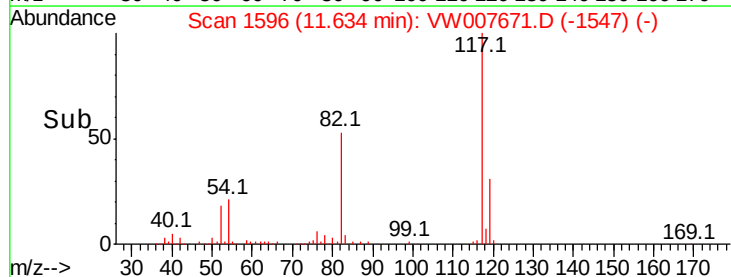
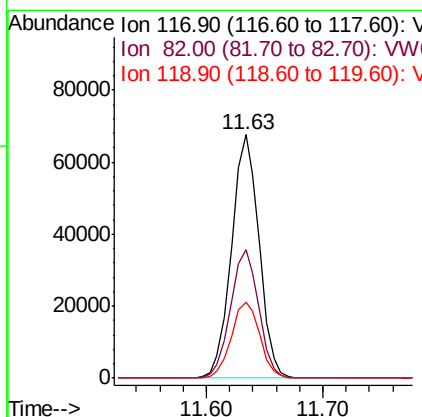
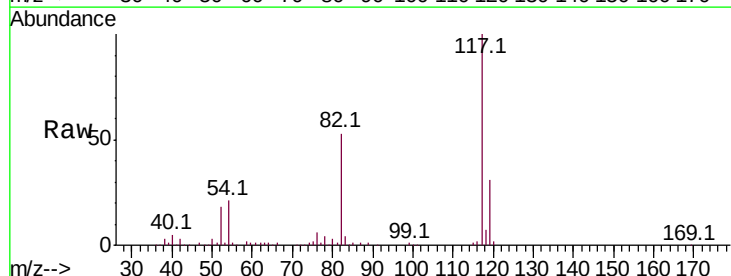
Instrument :
MSVOA_W
ClientSampleId :

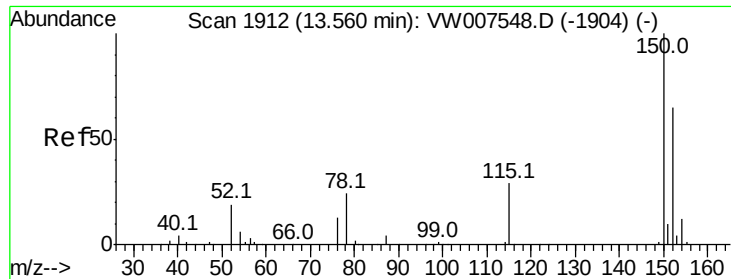
Tot Ion	95	Resp	44736
Ion Ratio	Lower	Upper	
95	100		
174	77.0	0.0	147.2
176	74.8	0.0	138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007671.D
Acq: 18 Dec 2018 20:46

Tgt Ion	117	Resp	111256
Ion Ratio	Lower	Upper	
117	100		
82	53.0	42.3	63.5
119	30.9	23.0	34.6

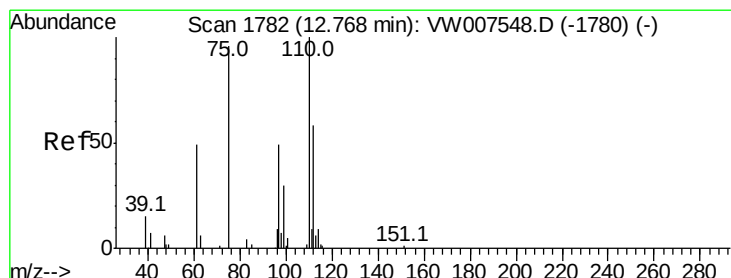
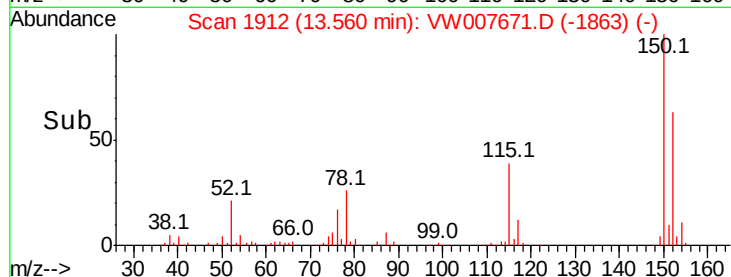
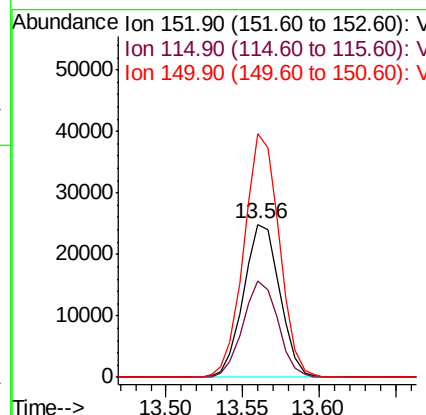
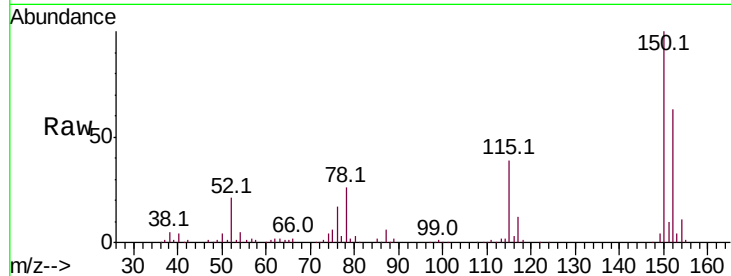




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW007671.D
 Acq: 18 Dec 2018 20:46

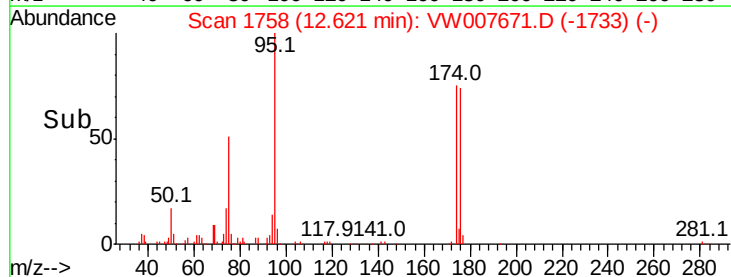
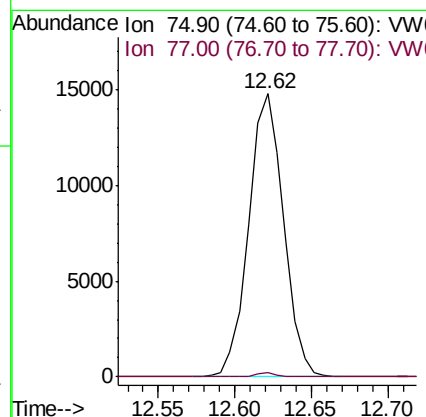
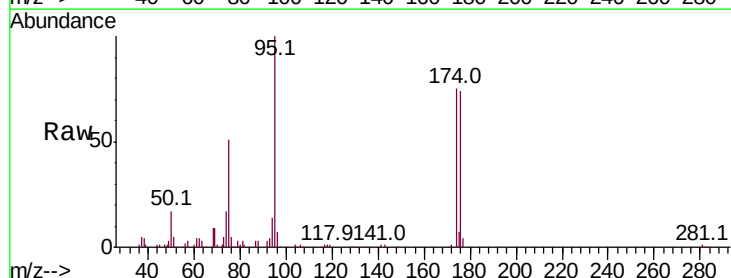
Instrument :
 MSVOA_W
 ClientSampled :

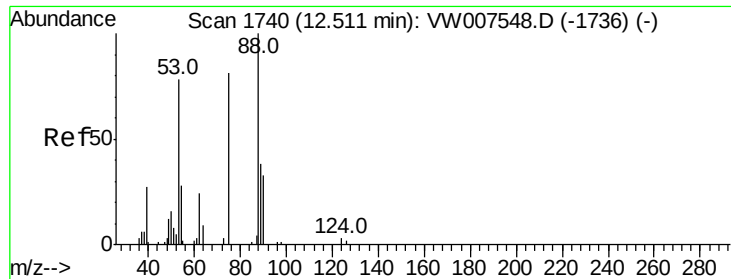
Tot Ion:152 Resp: 41017
 Ion Ratio Lower Upper
 152 100
 115 61.1 31.4 94.2
 150 155.1 0.0 358.4



#76
 1,2,3-Trichloropropane
 Concen: 69.321 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW007671.D
 Acq: 18 Dec 2018 20:46

Tgt Ion: 75 Resp: 23444
 Ion Ratio Lower Upper
 75 100
 77 0.7 166.9 500.8#





#81

trans-1,4-Dichloro-2-butene

Concen: 153.130 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007671.D

Acq: 18 Dec 2018 20:46

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 23444

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#

