

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121918\
 Data File : VW007629.D
 Acq On : 17 Dec 2018 14:14
 Operator : SY/AP
 Sample : J6378-02RE
 Misc : 3.88G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 18 07:04:45 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	60499	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	99525	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	65666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	17013	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	33158	49.40	ug/l	0.00
Spiked Amount			Recovery	=	98.80%	
35) Dibromofluoromethane	7.88	113	29572	49.09	ug/l	0.00
Spiked Amount			Recovery	=	98.18%	
50) Toluene-d8	10.32	98	91259	40.40	ug/l	0.00
Spiked Amount			Recovery	=	80.80%	
62) 4-Bromofluorobenzene	12.62	95	21598	26.00	ug/l	0.00
Spiked Amount			Recovery	=	52.00%	

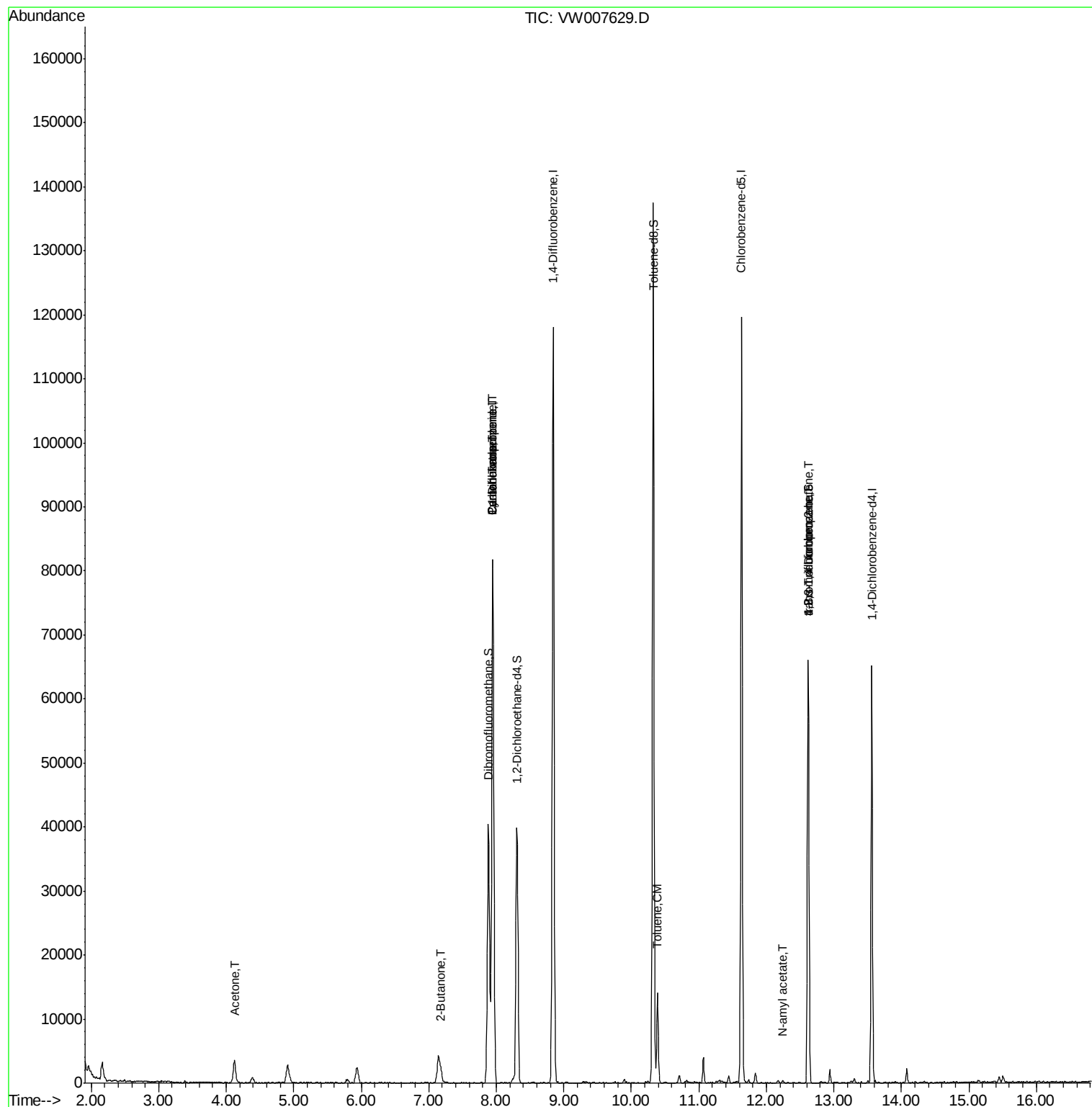
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	6065	51.733	ug/l	98
20) Methylene Chloride	4.90	84	2344	Below Cal		88
25) 2-Butanone	7.18	43	3095	20.222	ug/l	93
31) Cyclohexane	7.95	56	1332	1.277	ug/l #	17
36) 1,1-Dichloropropene	7.95	75	4805	5.292	ug/l #	49
38) Carbon Tetrachloride	7.95	117	6380	6.458	ug/l #	16
52) Toluene	10.39	92	6412	3.932	ug/l	100
74) N-amyl acetate	12.24	43	263	1.110	ug/l #	41
76) 1,2,3-Trichloropropane	12.62	75	10998	78.402	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	10998	173.191	ug/l #	7

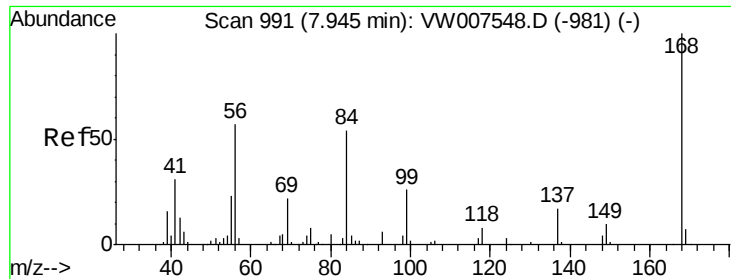
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW007629.D

Acq: 17 Dec 2018 14:14

Instrument :

MSVOA_W

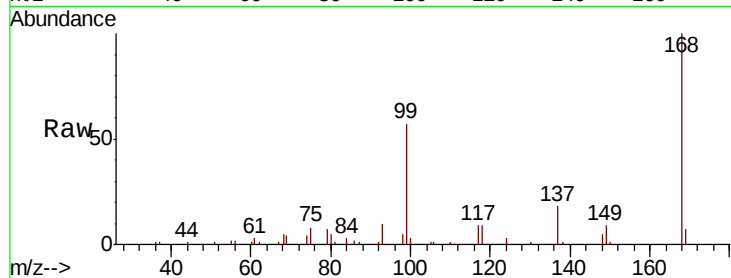
ClientSampled :

Tot Ion:168 Resp: 60499

Ion Ratio Lower Upper

168 100

99 57.4 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

30000

25000

20000

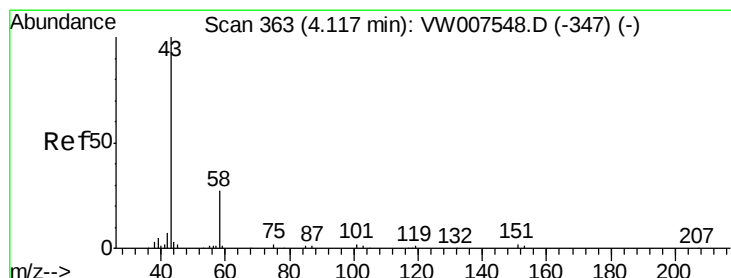
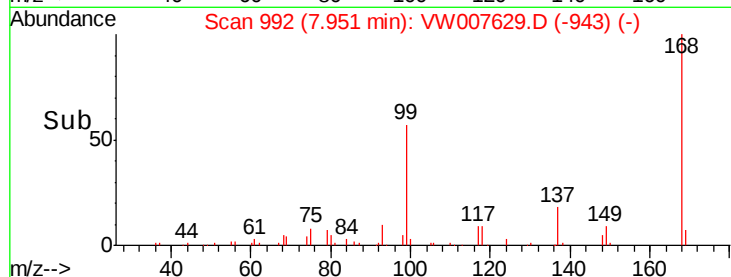
15000

10000

5000

0

Time-->



#16

Acetone

Concen: 51.733 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007629.D

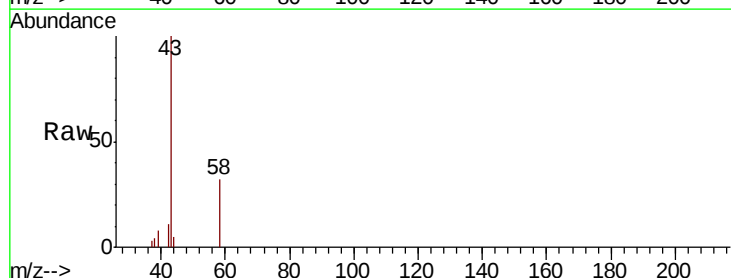
Acq: 17 Dec 2018 14:14

Tgt Ion: 43 Resp: 6065

Ion Ratio Lower Upper

43 100

58 32.1 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

2500

2000

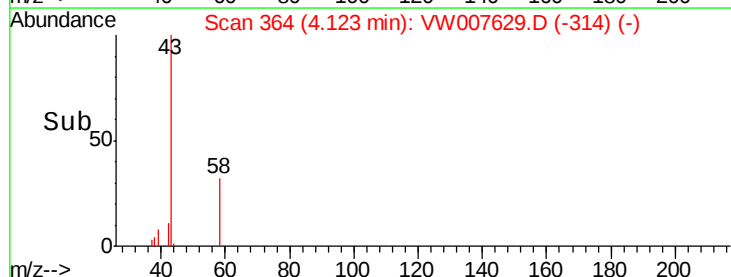
1500

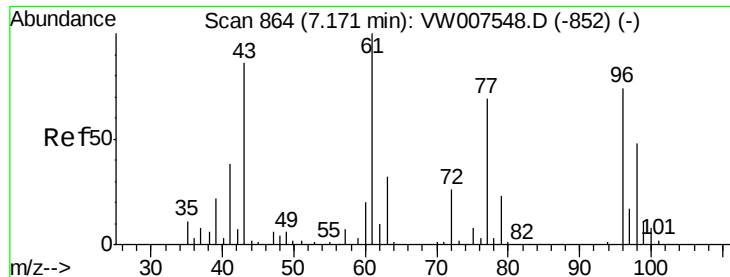
1000

500

0

Time-->

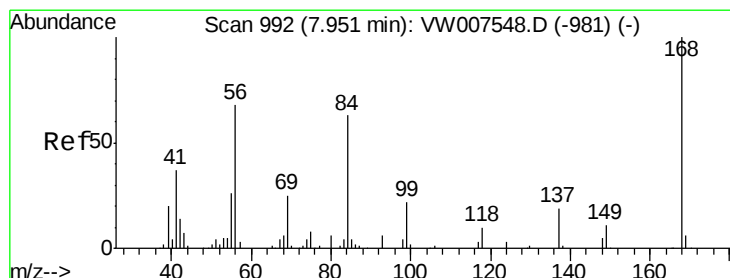
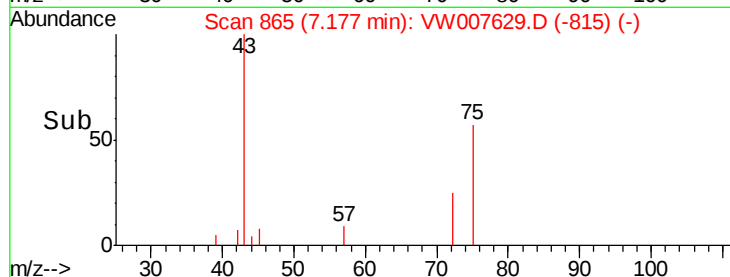
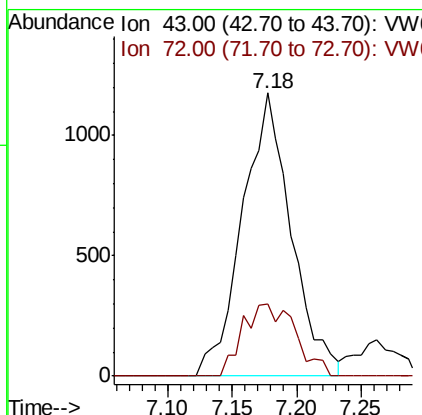
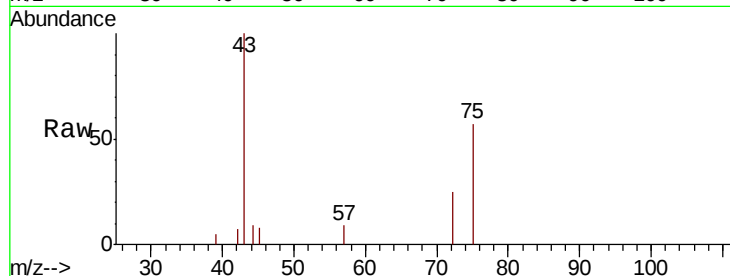




#25
2-Butanone
Concen: 20.222 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW007629.D
Acq: 17 Dec 2018 14:14

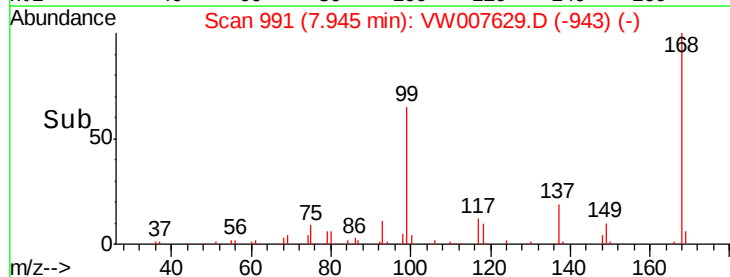
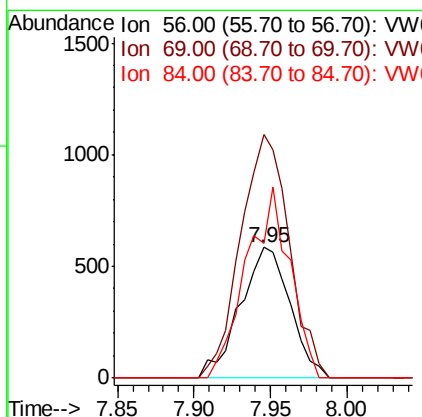
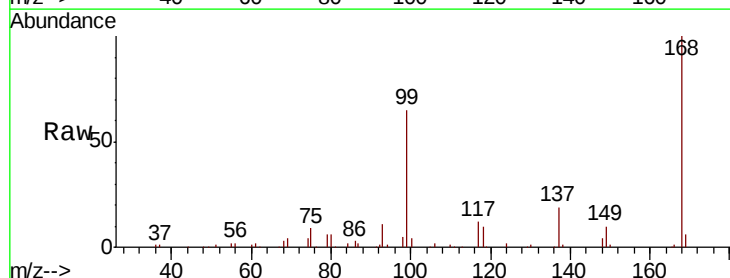
Instrument :
MSVOA_W
ClientSampled :

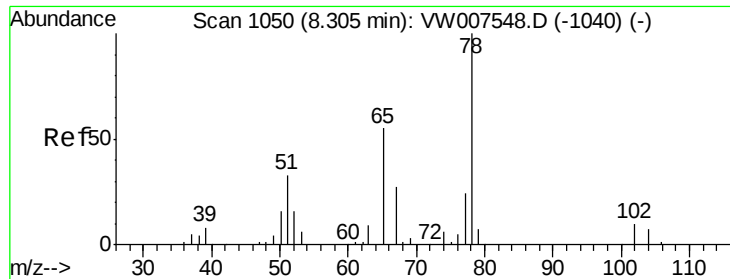
Tot Ion: 43 Resp: 3095
Ion Ratio Lower Upper
43 100
72 25.4 23.4 35.2



#31
Cyclohexane
Concen: 1.277 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007629.D
Acq: 17 Dec 2018 14:14

Tgt Ion: 56 Resp: 1332
Ion Ratio Lower Upper
56 100
69 186.3 28.9 43.3#
84 102.7 71.8 107.6

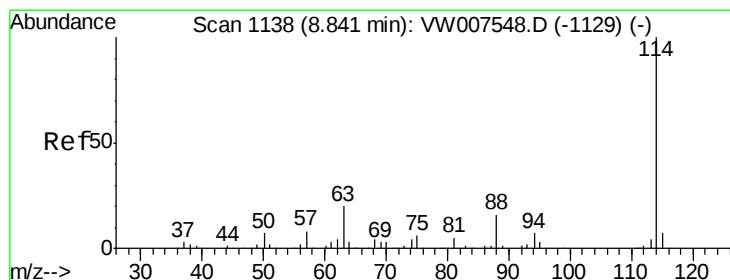
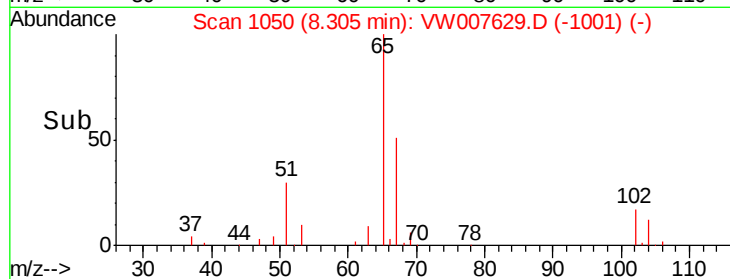
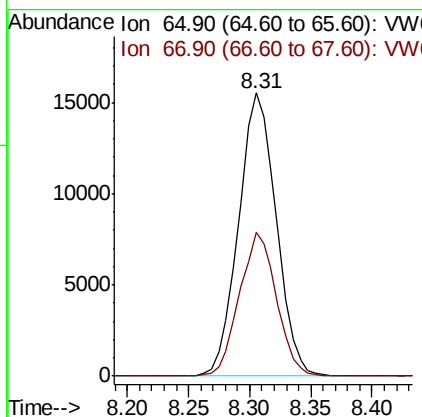
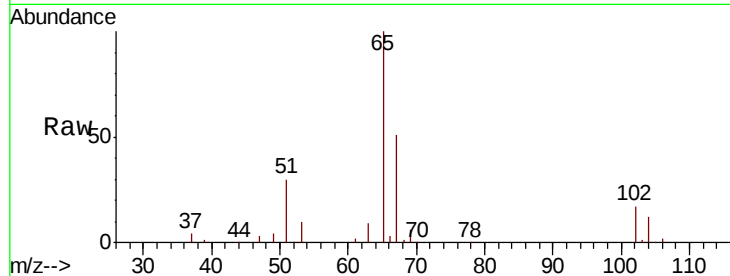




#33
 1,2-Dichloroethane-d4
 Concen: 49.402 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007629.D
 Acq: 17 Dec 2018 14:14

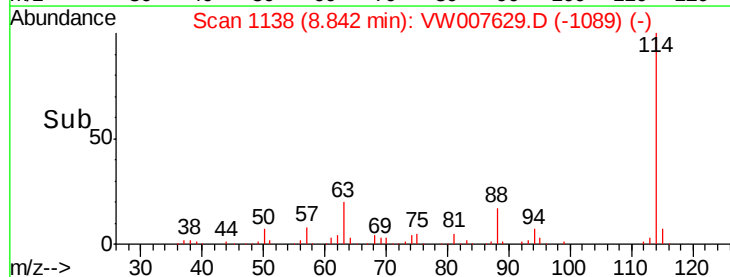
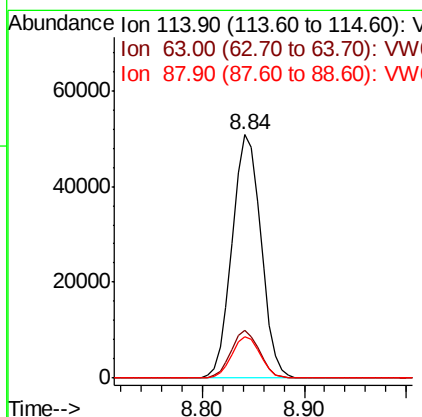
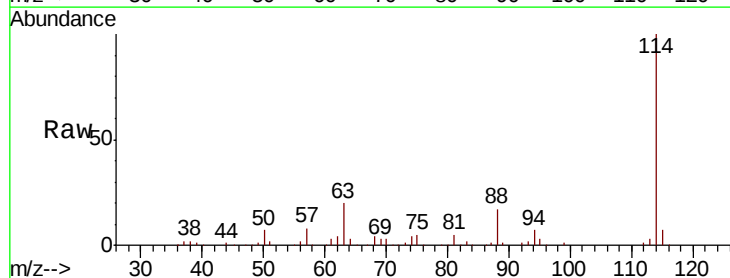
Instrument :
 MSVOA_W
 ClientSampleId :

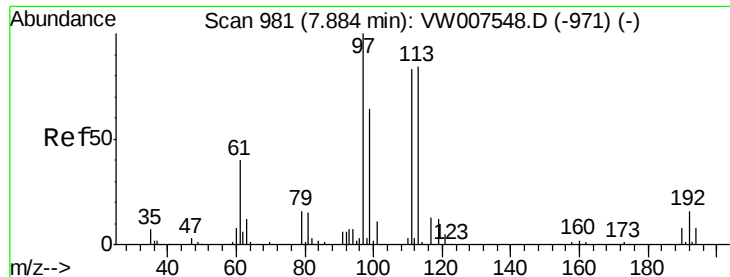
Tot Ion: 65 Resp: 33158
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007629.D
 Acq: 17 Dec 2018 14:14

Tgt Ion: 114 Resp: 99525
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.6
 88 16.9 0.0 31.4

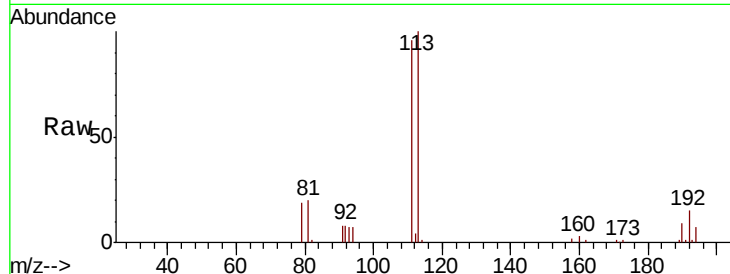




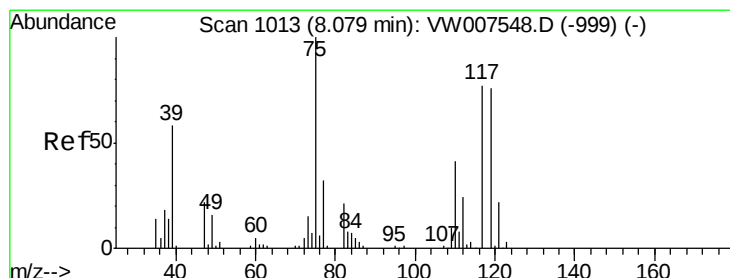
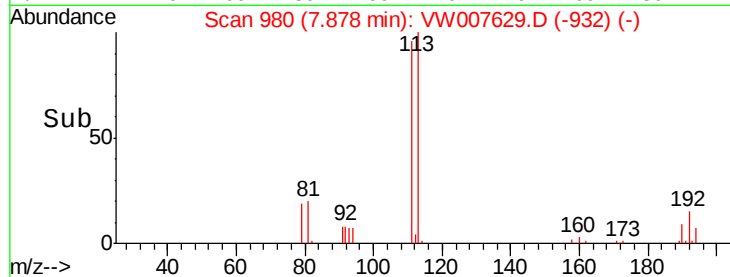
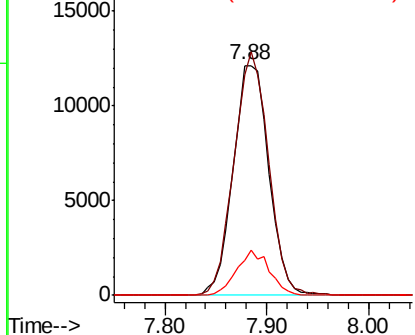
#35
 Dibromofluoromethane
 Concen: 49.085 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW007629.D
 Acq: 17 Dec 2018 14:14

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:113 Resp: 29572
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.1 121.7
 192 17.8 14.6 21.8

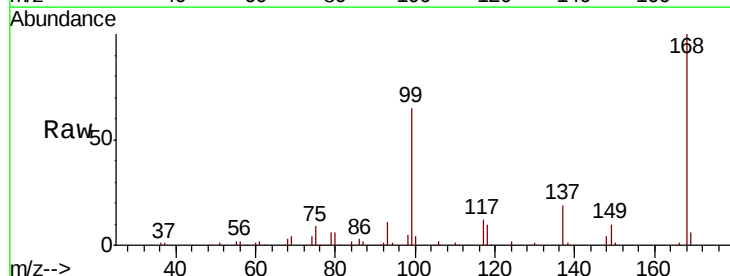


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

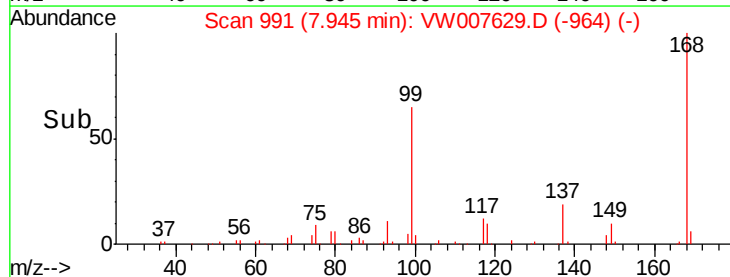
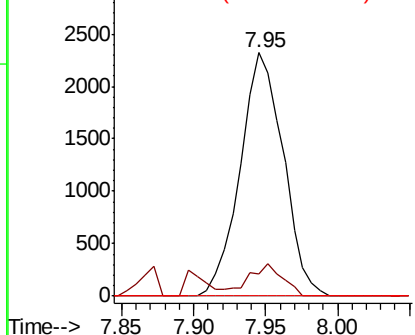


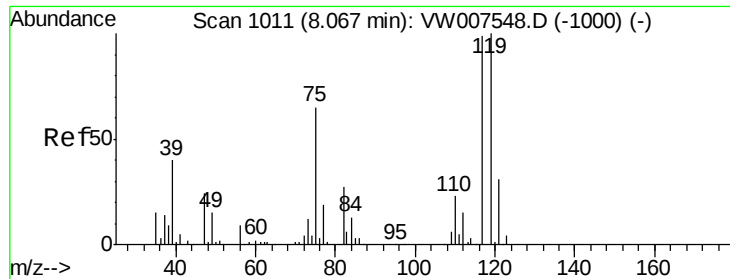
#36
 1,1-Dichloropropene
 Concen: 5.292 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007629.D
 Acq: 17 Dec 2018 14:14

Tgt Ion: 75 Resp: 4805
 Ion Ratio Lower Upper
 75 100
 110 10.3 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

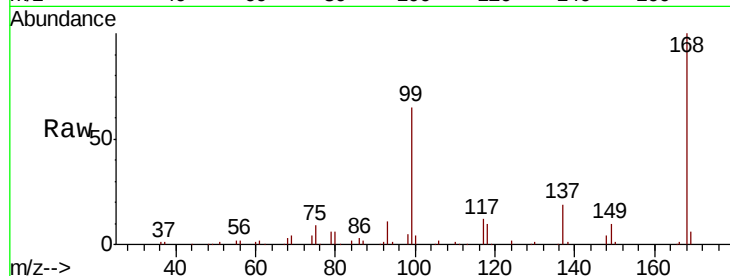




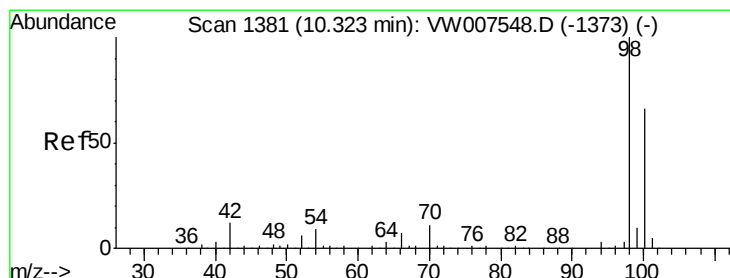
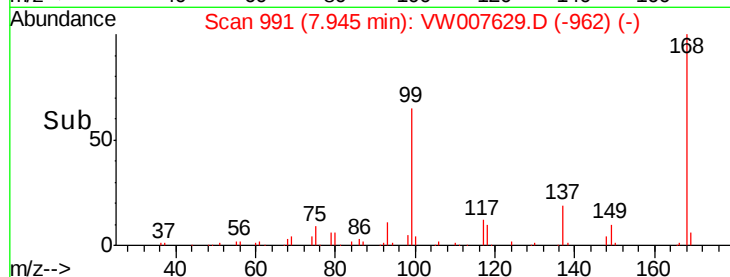
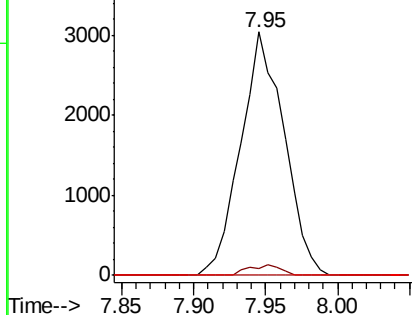
#38
Carbon Tetrachloride
Concen: 6.458 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007629.D
Acq: 17 Dec 2018 14:14

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 6380
Ion Ratio Lower Upper
117 100
119 3.0 74.3 111.5#
121 0.0 24.3 36.5#

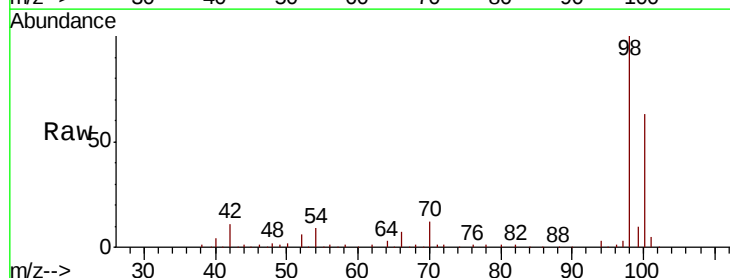


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

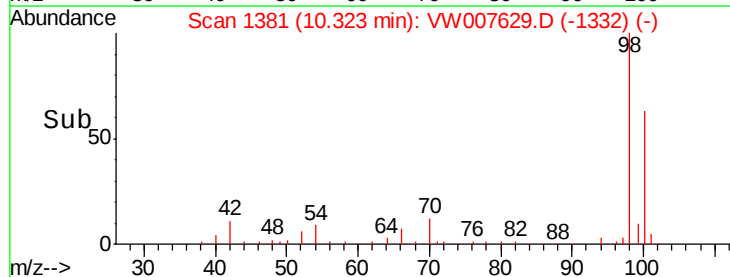
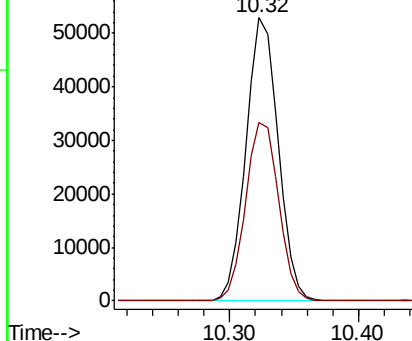


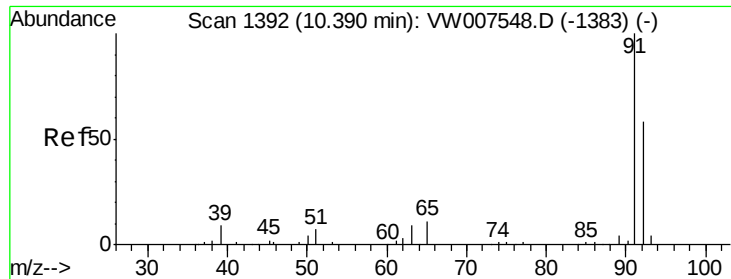
#50
Toluene-d8
Concen: 40.400 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007629.D
Acq: 17 Dec 2018 14:14

Tgt Ion: 98 Resp: 91259
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.8



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





#52

Toluene

Concen: 3.932 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007629.D

Acq: 17 Dec 2018 14:14

Instrument :

MSVOA_W

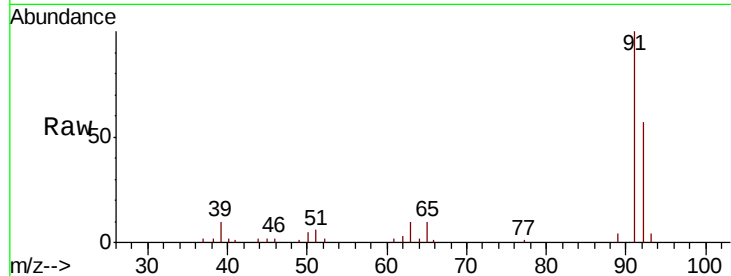
ClientSampleId :

Tot Ion: 92 Resp: 6412

Ion Ratio Lower Upper

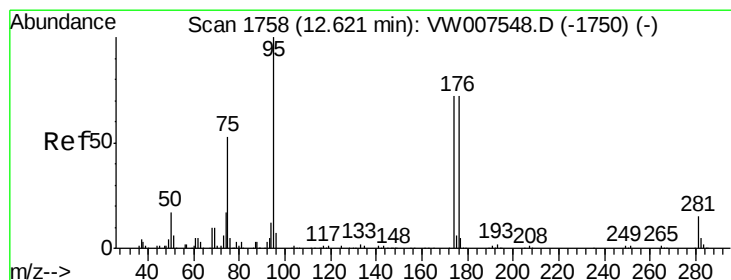
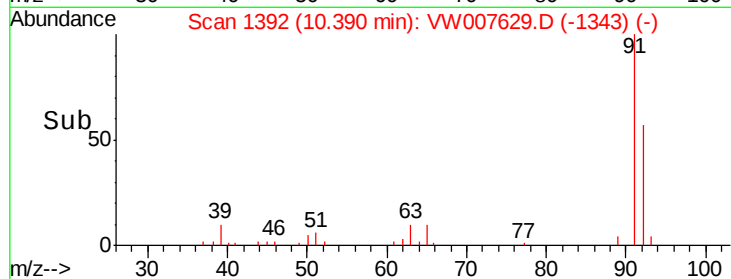
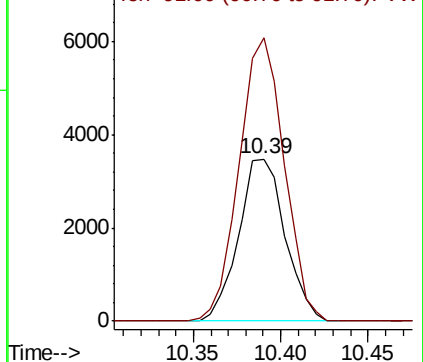
92 100

91 169.6 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#62

4-Bromofluorobenzene

Concen: 26.005 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007629.D

Acq: 17 Dec 2018 14:14

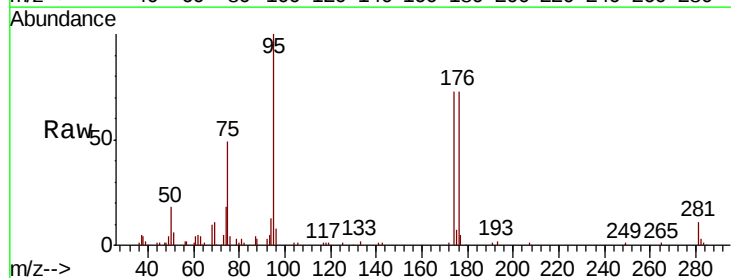
Tgt Ion: 95 Resp: 21598

Ion Ratio Lower Upper

95 100

174 75.6 0.0 147.2

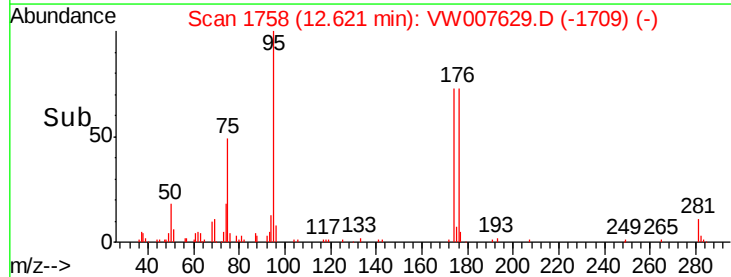
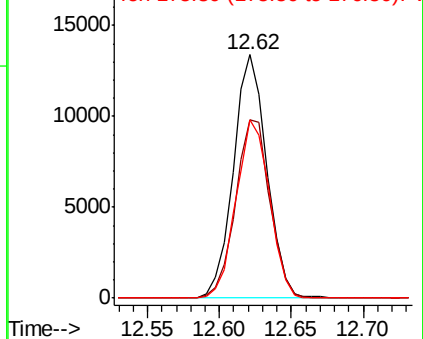
176 73.2 0.0 138.8

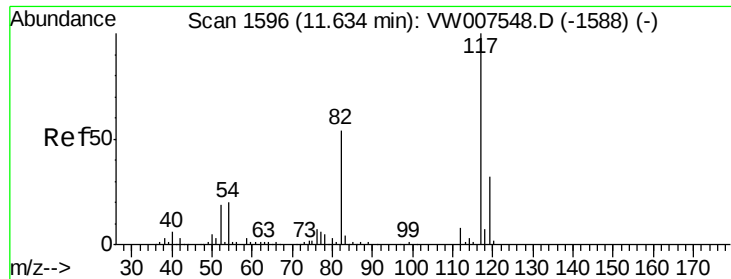


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

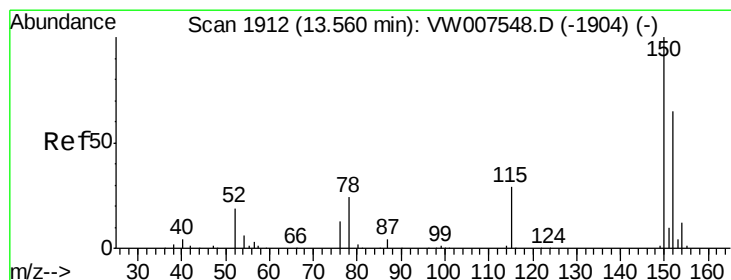
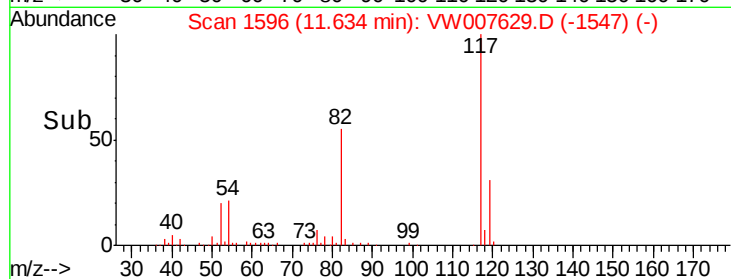
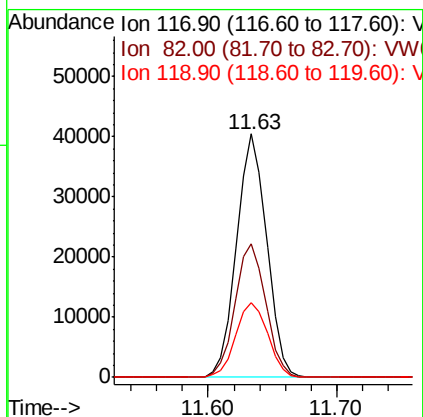
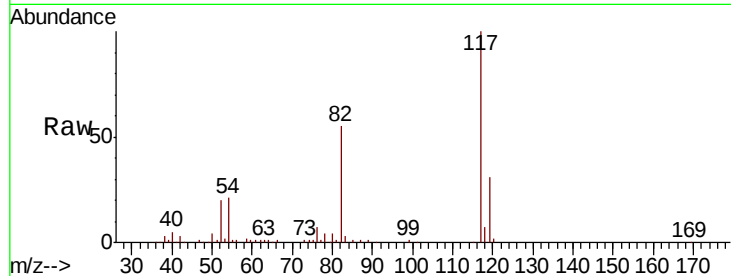




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007629.D
Acq: 17 Dec 2018 14:14

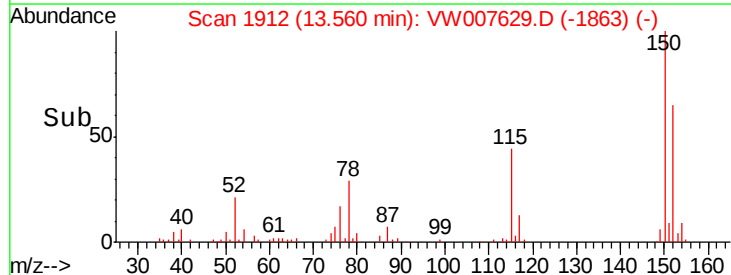
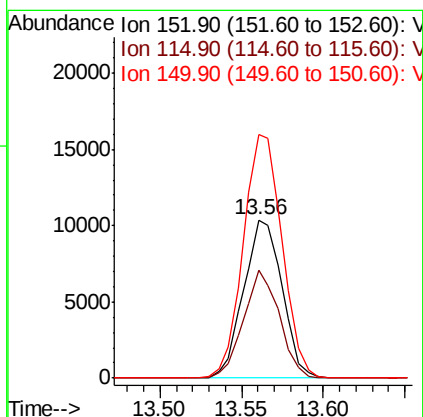
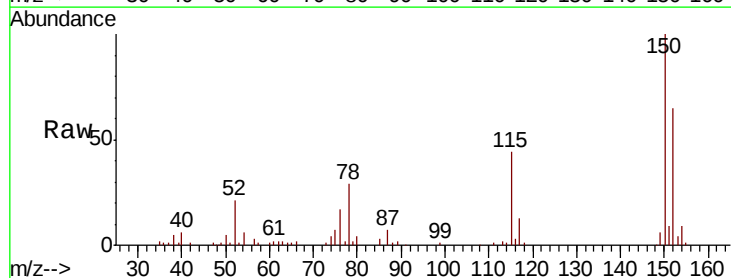
Instrument :
MSVOA_W
ClientSampled :

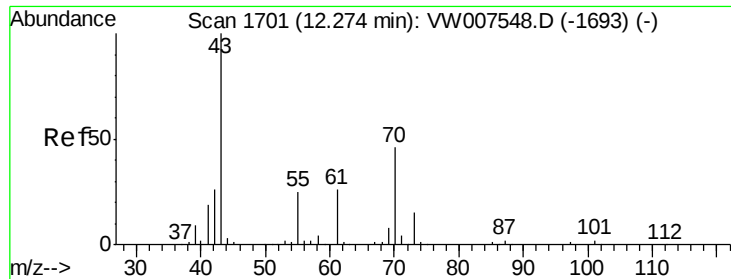
Tot Ion:117 Resp: 65666
Ion Ratio Lower Upper
117 100
82 55.0 42.3 63.5
119 30.8 23.0 34.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007629.D
Acq: 17 Dec 2018 14:14

Tgt Ion:152 Resp: 17013
Ion Ratio Lower Upper
152 100
115 63.7 31.4 94.2
150 155.1 0.0 358.4





#74

N-amvl acetate

Concen: 1.110 ug/l

RT: 12.24 min Scan# 1696

Delta R.T. -0.03 min

Lab File: VW007629.D

Acq: 17 Dec 2018 14:14

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 263

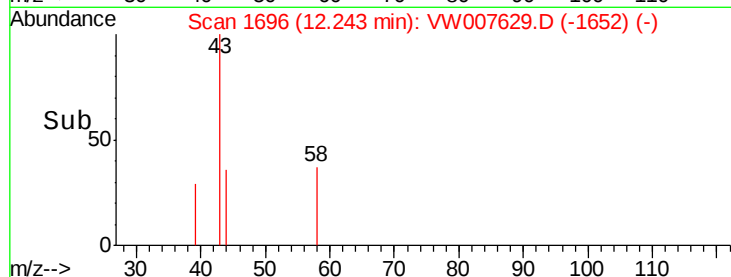
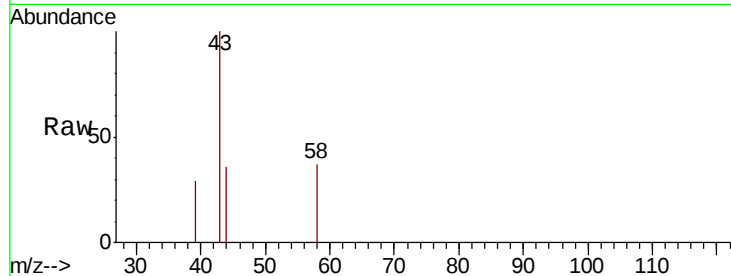
Ion Ratio Lower Upper

43 100

70 0.0 36.5 54.7#

55 0.0 20.1 30.1#

61 0.0 19.3 28.9#

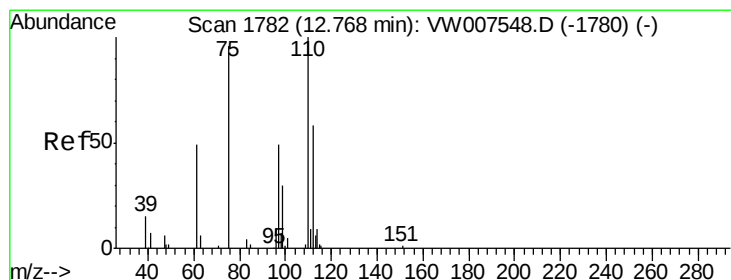
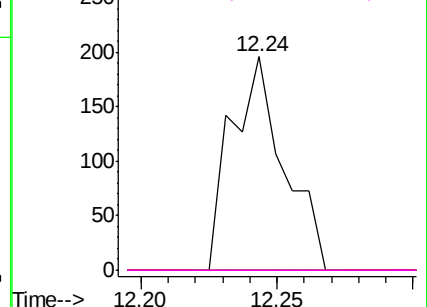


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



#76

1,2,3-Trichloropropane

Concen: 78.402 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007629.D

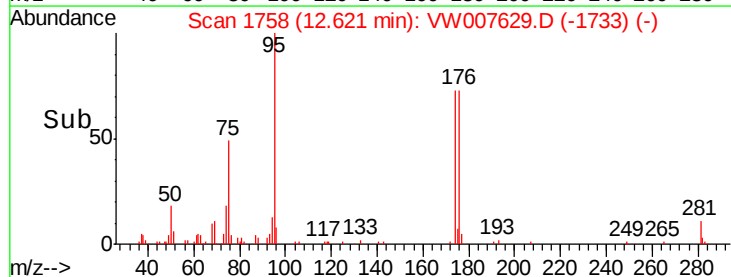
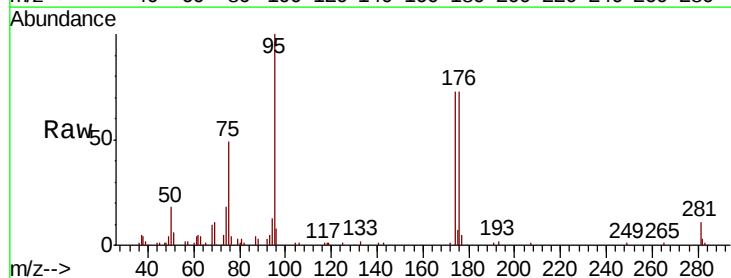
Acq: 17 Dec 2018 14:14

Tgt Ion: 75 Resp: 10998

Ion Ratio Lower Upper

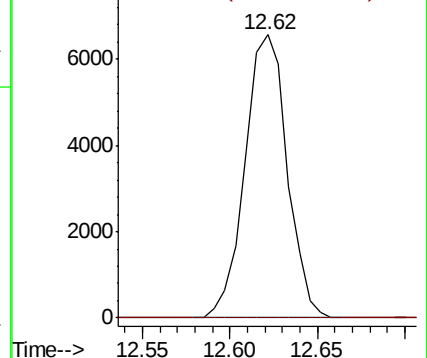
75 100

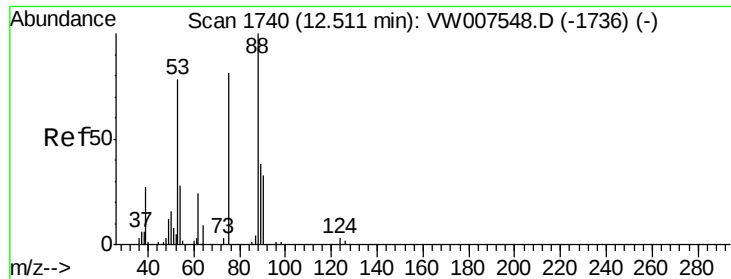
77 0.0 166.9 500.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 173.191 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007629.D

Acq: 17 Dec 2018 14:14

Instrument :

MSVOA_W

ClientSampleId :

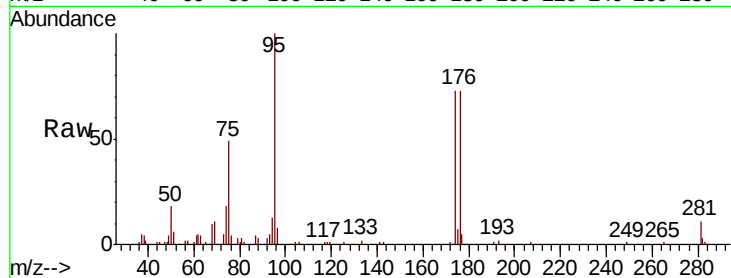
Tot Ion: 75 Resp: 10998

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

