

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121918\
 Data File : VW007631.D
 Acq On : 17 Dec 2018 15:06
 Operator : SY/AP
 Sample : J6378-05RE
 Misc : 5.20G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 18 07:05:16 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	58371	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	91255	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	67745	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	22215	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	31601	48.80	ug/l	0.00
Spiked Amount			Recovery	=	97.60%	
35) Dibromofluoromethane	7.88	113	29355	53.14	ug/l	0.00
Spiked Amount			Recovery	=	106.28%	
50) Toluene-d8	10.32	98	101670	49.09	ug/l	0.00
Spiked Amount			Recovery	=	98.18%	
62) 4-Bromofluorobenzene	12.62	95	29310	38.49	ug/l	0.00
Spiked Amount			Recovery	=	76.98%	

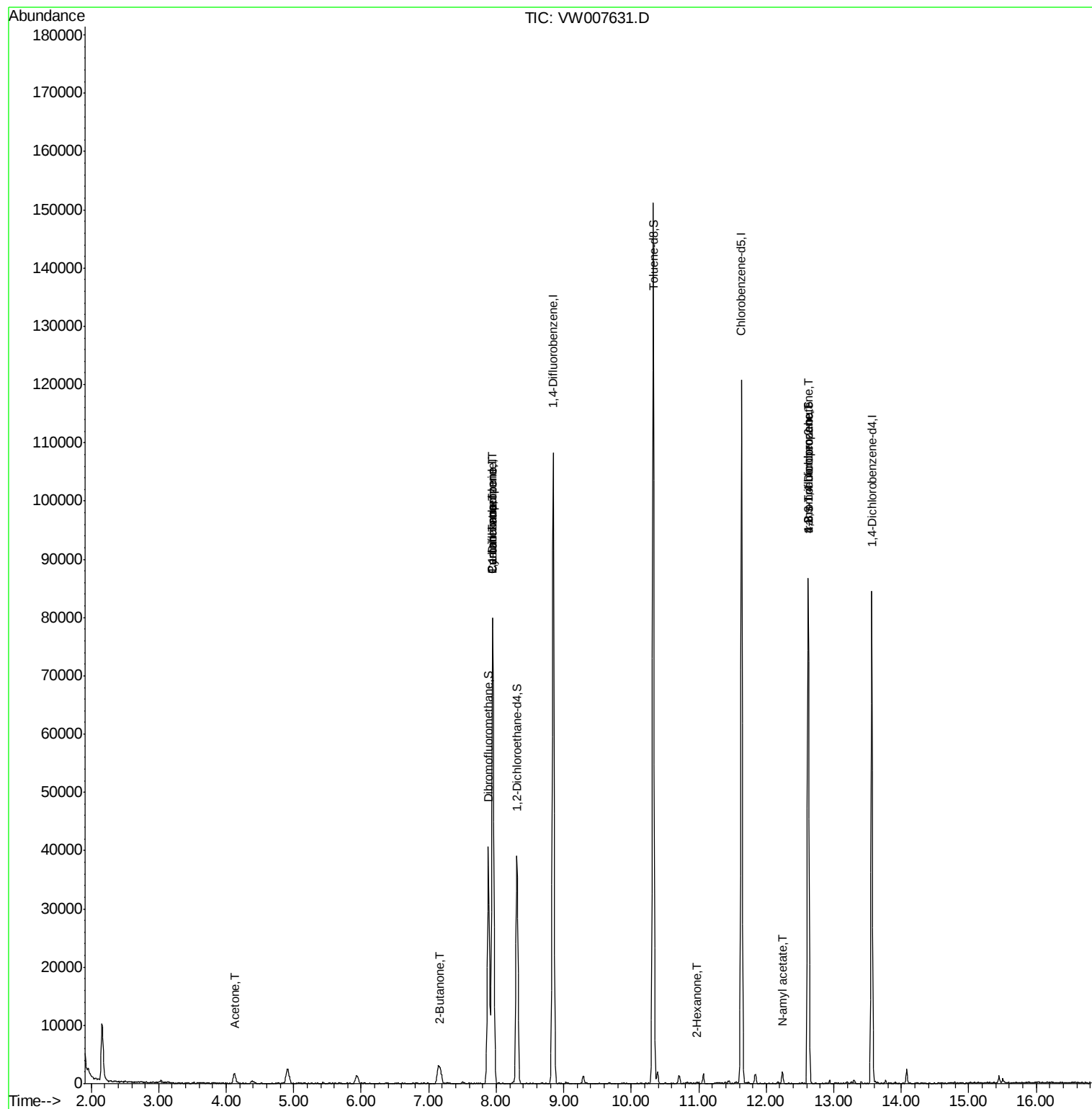
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	3320	29.351	ug/l	96
20) Methylene Chloride	4.92	84	2062	Below Cal		92
25) 2-Butanone	7.17	43	2811	19.036	ug/l	94
31) Cyclohexane	7.95	56	1338	1.330	ug/l #	19
36) 1,1-Dichloropropene	7.95	75	4603	5.529	ug/l #	50
38) Carbon Tetrachloride	7.95	117	6136	6.774	ug/l #	17
59) 2-Hexanone	10.98	43	223	1.157	ug/l #	52
74) N-amyl acetate	12.24	43	1340	4.332	ug/l #	41
76) 1,2,3-Trichloropropane	12.62	75	15070	82.274	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	15070	181.743	ug/l #	7

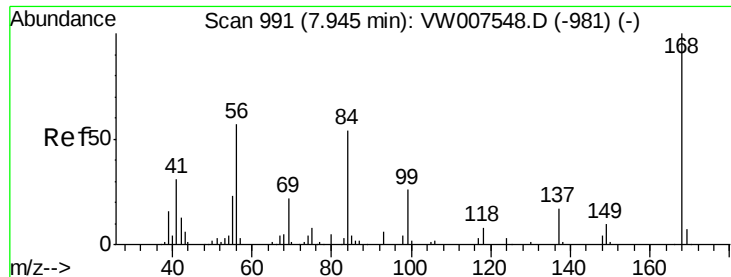
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW007631.D

Acq: 17 Dec 2018 15:06

Instrument :

MSVOA_W

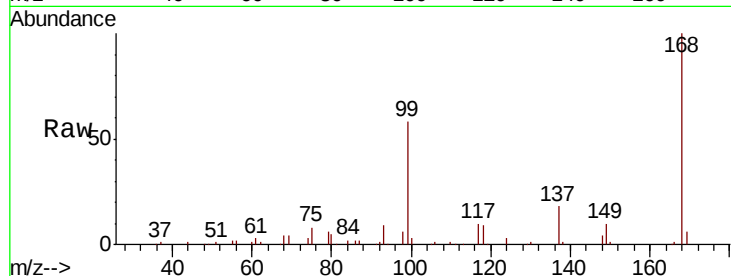
ClientSampleId :

Tot Ion:168 Resp: 58371

Ion Ratio Lower Upper

168 100

99 58.5 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

30000

25000

20000

15000

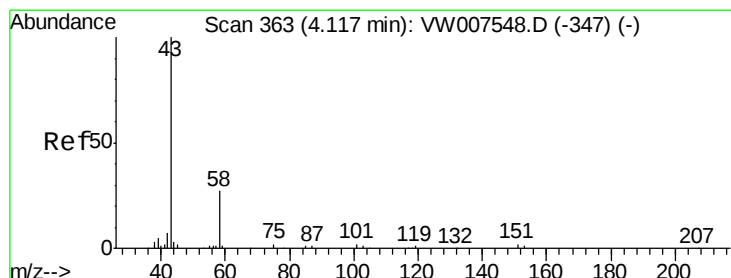
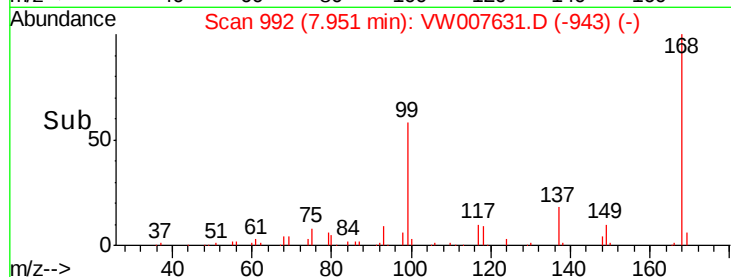
10000

5000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#16

Acetone

Concen: 29.351 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007631.D

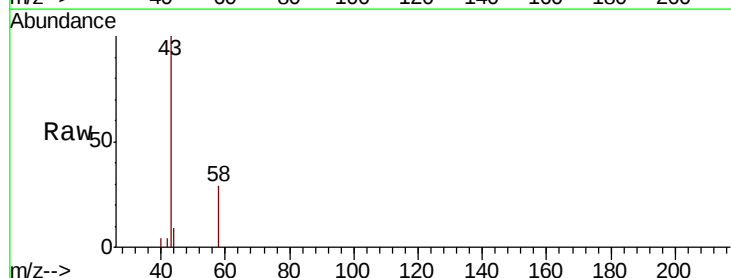
Acq: 17 Dec 2018 15:06

Tgt Ion: 43 Resp: 3320

Ion Ratio Lower Upper

43 100

58 28.6 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

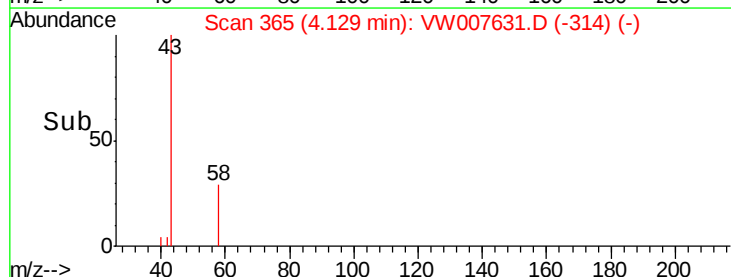
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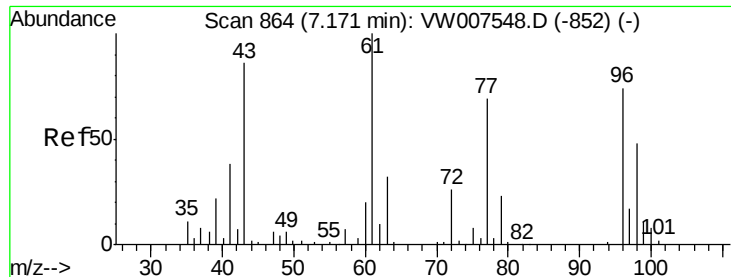
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0

Time-->

4.05 4.10 4.15 4.20

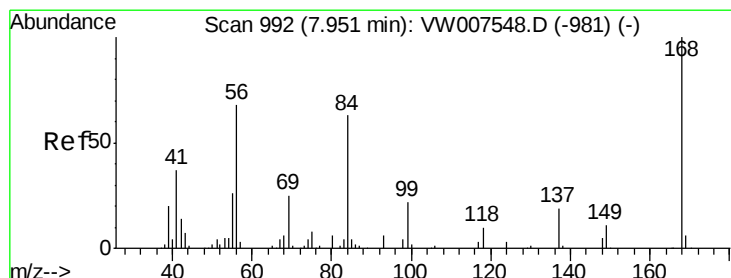
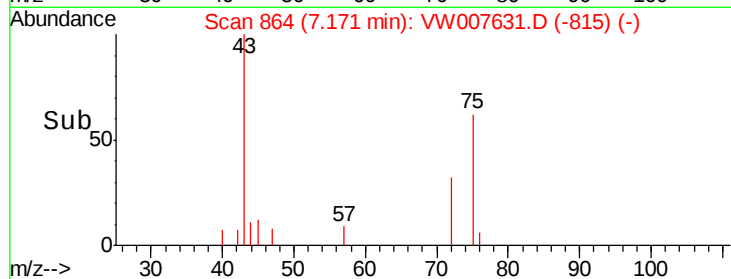
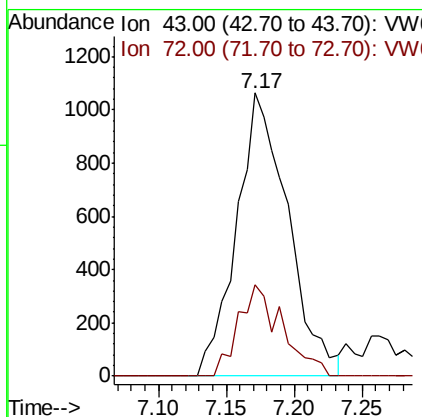
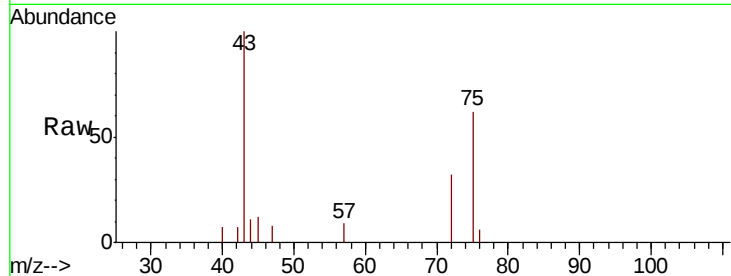




#25
2-Butanone
Concen: 19.036 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007631.D
Acq: 17 Dec 2018 15:06

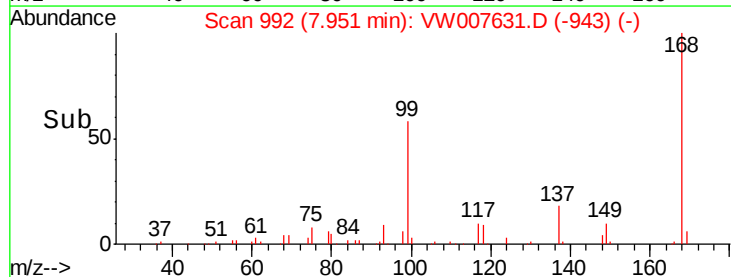
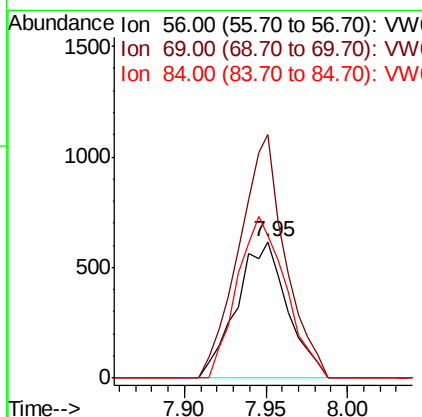
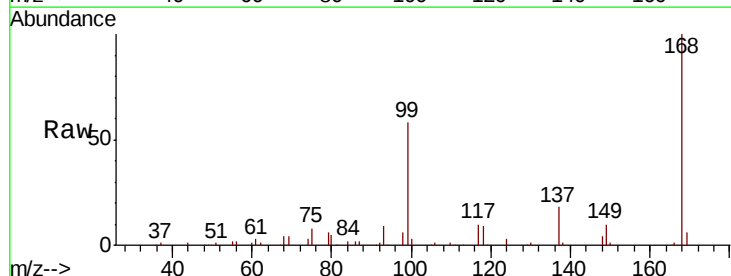
Instrument :
MSVOA_W
ClientSampleId :

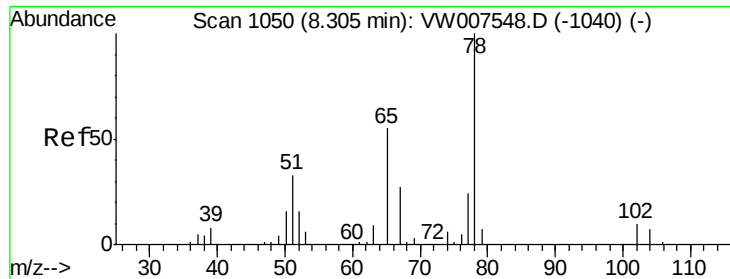
Tot Ion: 43 Resp: 2811
Ion Ratio Lower Upper
43 100
72 32.5 23.4 35.2



#31
Cyclohexane
Concen: 1.330 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007631.D
Acq: 17 Dec 2018 15:06

Tgt Ion: 56 Resp: 1338
Ion Ratio Lower Upper
56 100
69 178.4 28.9 43.3#
84 104.7 71.8 107.6

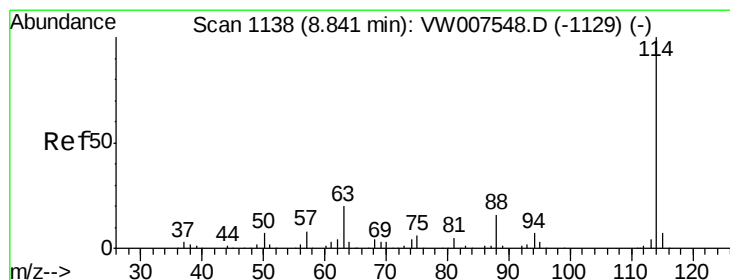
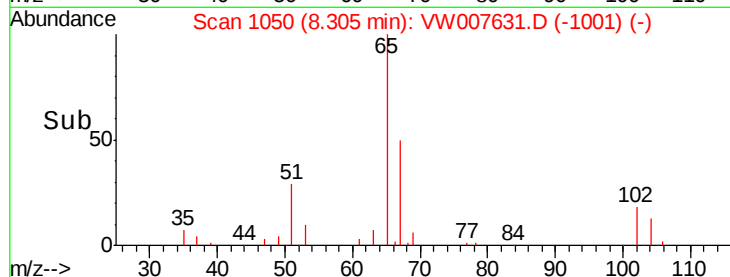
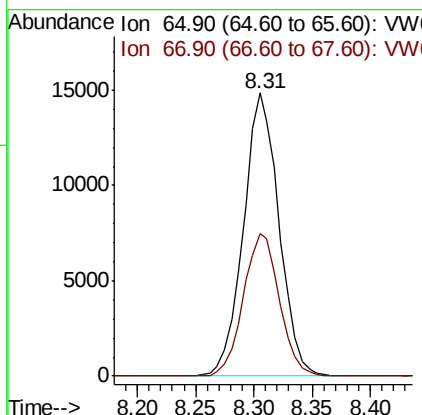
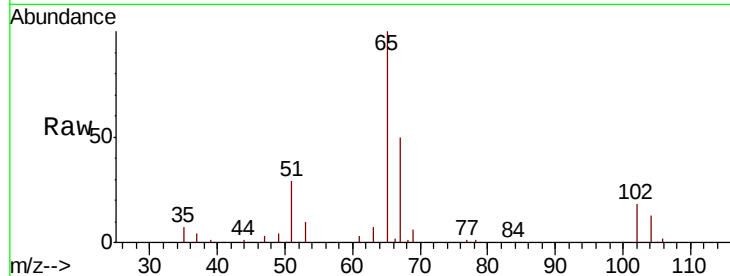




#33
 1,2-Dichloroethane-d4
 Concen: 48.799 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007631.D
 Acq: 17 Dec 2018 15:06

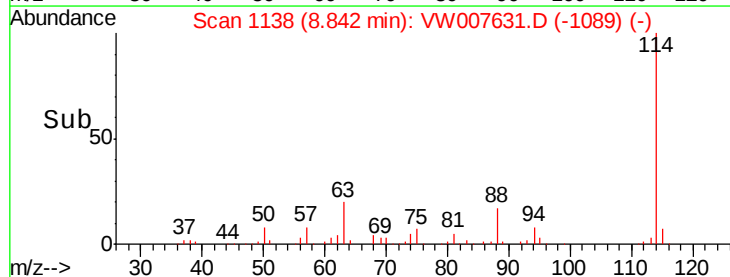
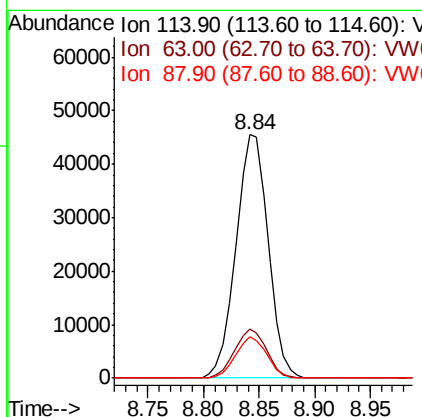
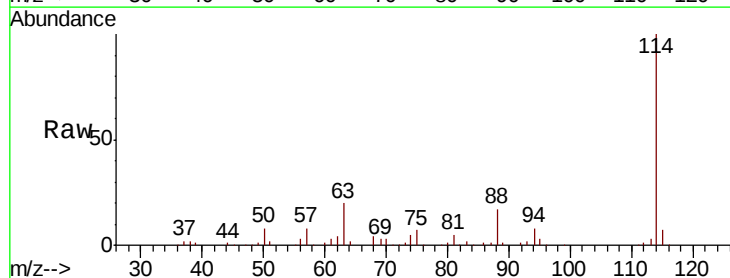
Instrument :
 MSVOA_W
 ClientSampleId :

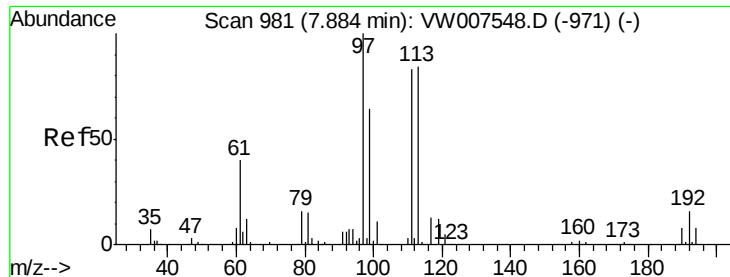
Tot Ion: 65 Resp: 31601
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007631.D
 Acq: 17 Dec 2018 15:06

Tgt Ion: 114 Resp: 91255
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.6
 88 17.2 0.0 31.4

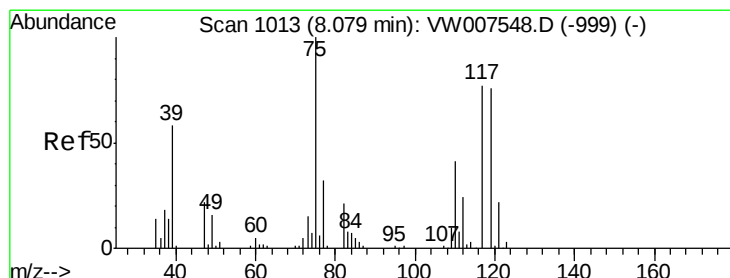
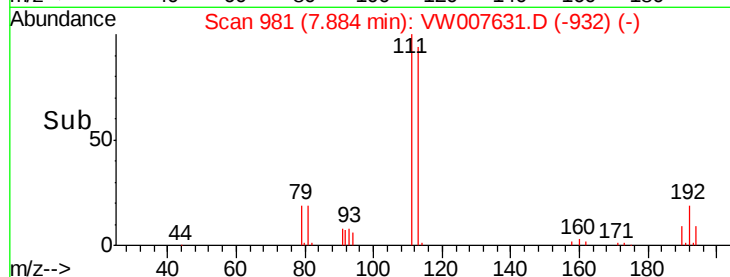
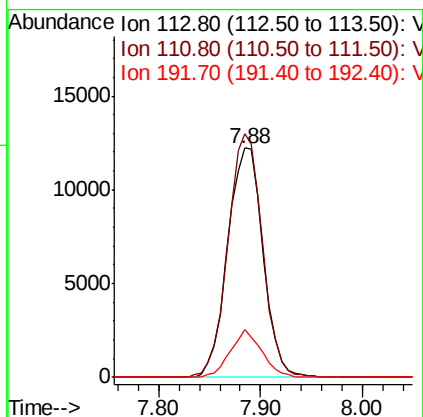
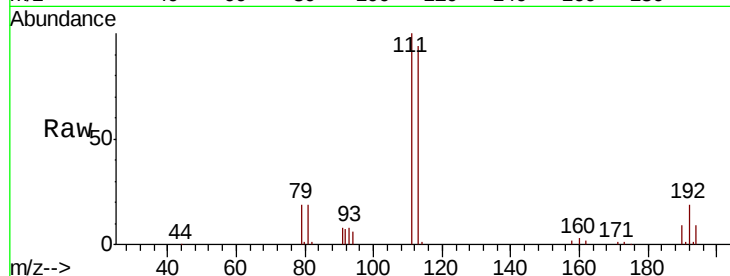




#35
 Dibromofluoromethane
 Concen: 53.141 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007631.D
 Acq: 17 Dec 2018 15:06

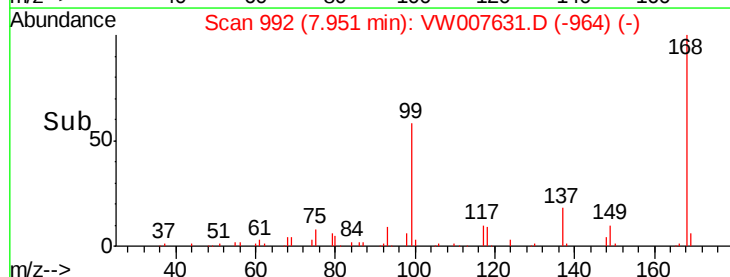
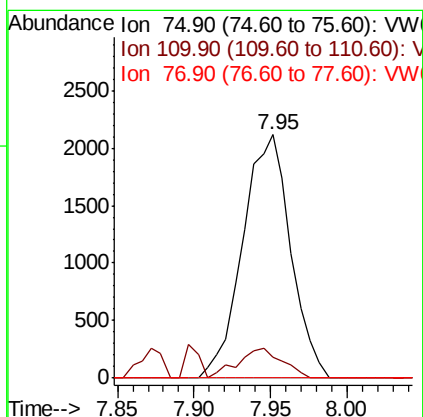
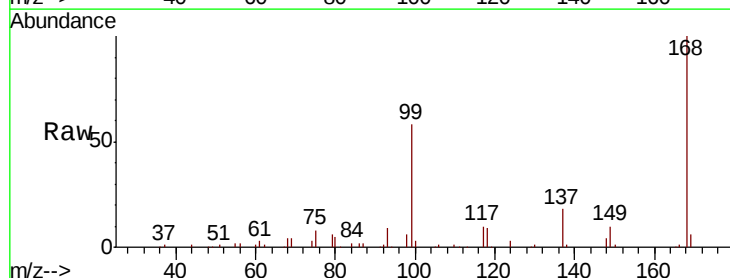
Instrument :
 MSVOA_W
 ClientSampleId :

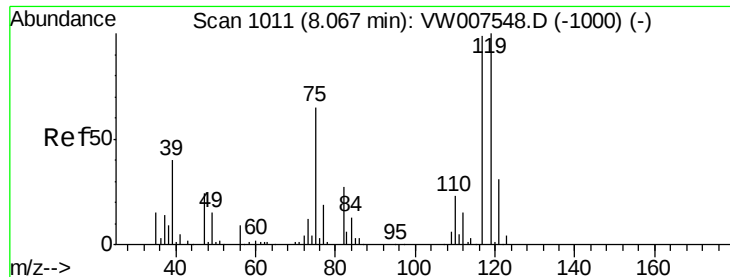
Tot Ion:113 Resp: 29355
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.1 121.7
 192 18.3 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 5.529 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007631.D
 Acq: 17 Dec 2018 15:06

Tgt Ion: 75 Resp: 4603
 Ion Ratio Lower Upper
 75 100
 110 10.9 18.5 55.5#
 77 0.0 25.6 38.4#

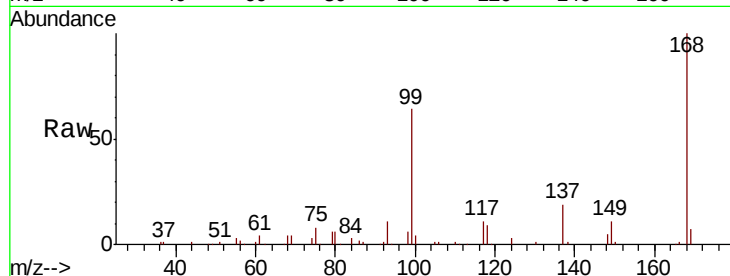




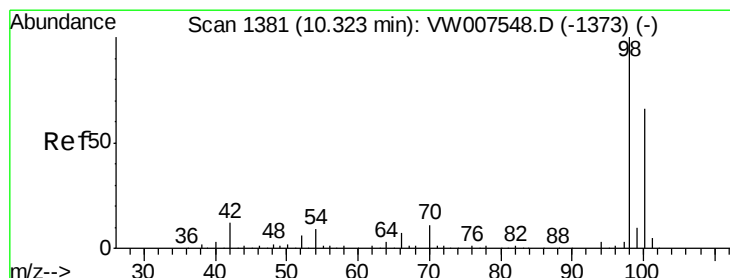
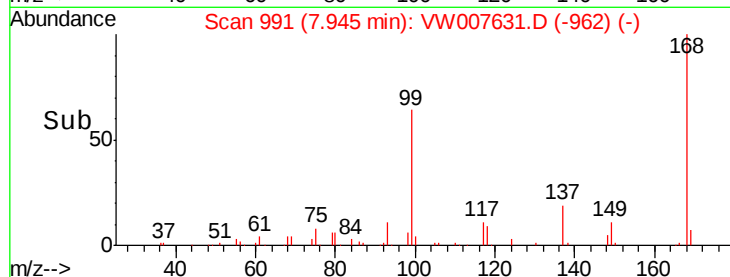
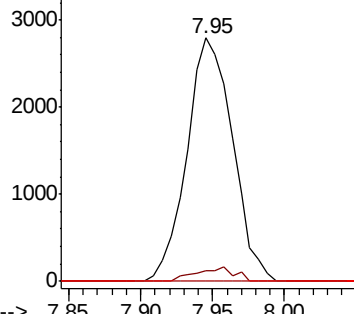
#38
Carbon Tetrachloride
Concen: 6.774 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007631.D
Acq: 17 Dec 2018 15:06

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 6136
Ion Ratio Lower Upper
117 100
119 4.3 74.3 111.5#
121 0.0 24.3 36.5#

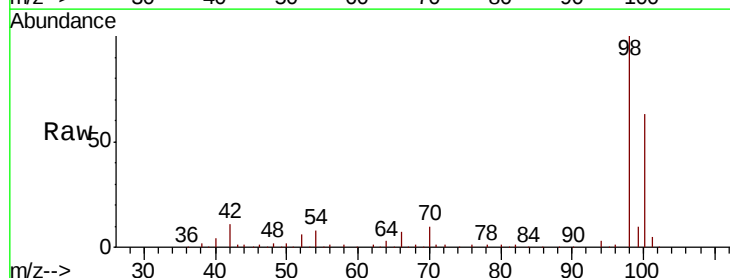


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

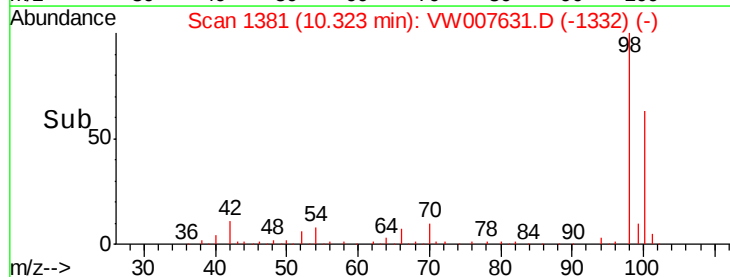
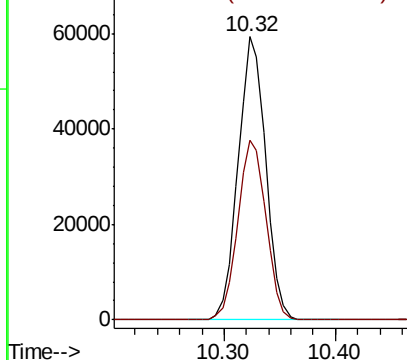


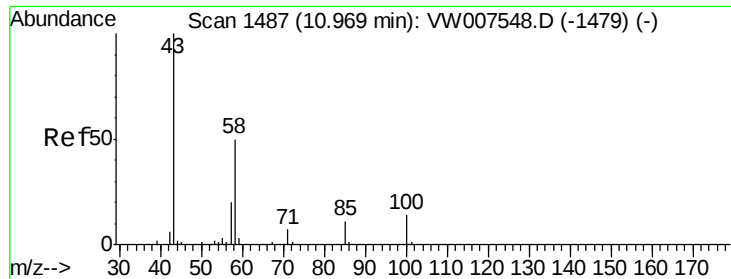
#50
Toluene-d8
Concen: 49.087 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007631.D
Acq: 17 Dec 2018 15:06

Tgt Ion: 98 Resp: 101670
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.8



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





#59

2-Hexanone

Concen: 1.157 ug/l

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW007631.D

Acq: 17 Dec 2018 15:06

Instrument :

MSVOA_W

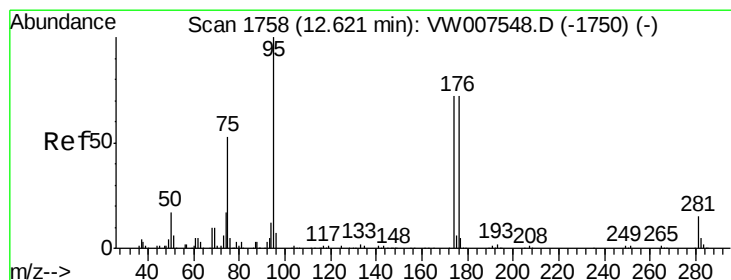
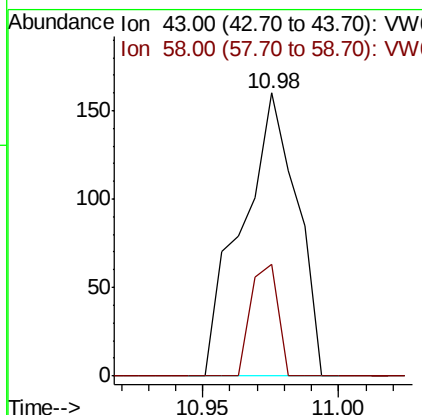
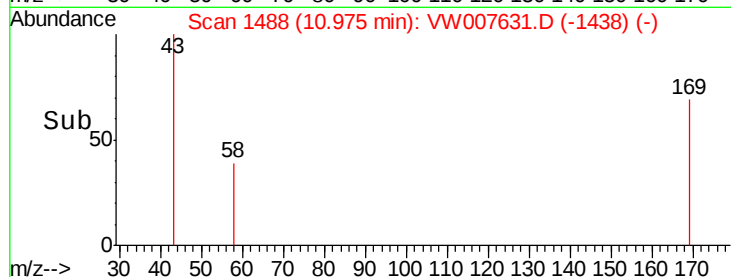
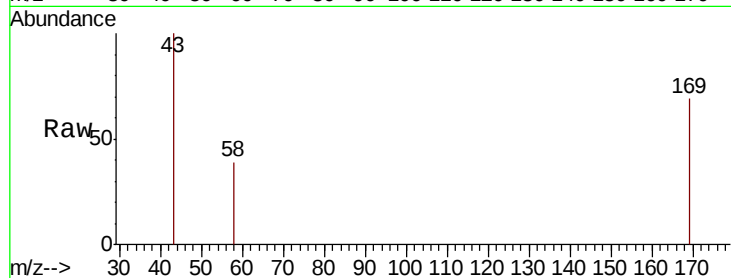
ClientSampleId :

Tot Ion: 43 Resp: 223

Ion Ratio Lower Upper

43 100

58 19.7 27.1 81.3#



#62

4-Bromofluorobenzene

Concen: 38.488 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007631.D

Acq: 17 Dec 2018 15:06

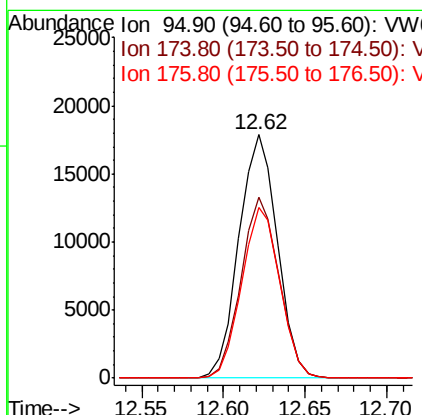
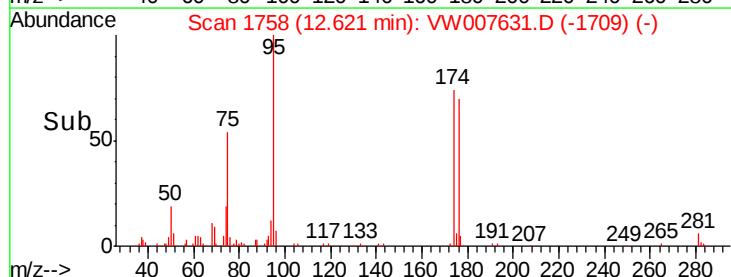
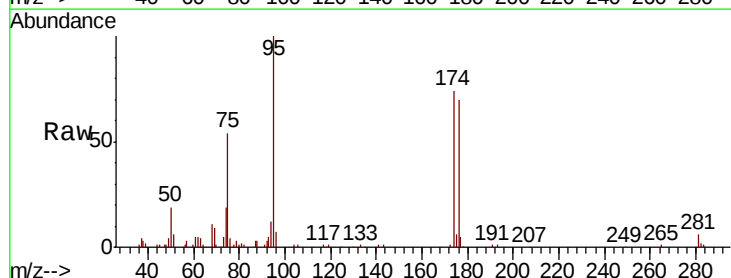
Tgt Ion: 95 Resp: 29310

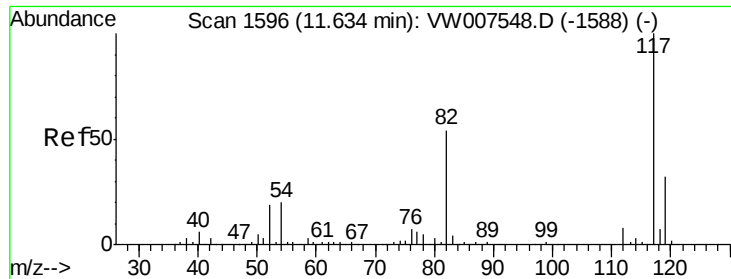
Ion Ratio Lower Upper

95 100

174 73.4 0.0 147.2

176 69.7 0.0 138.8

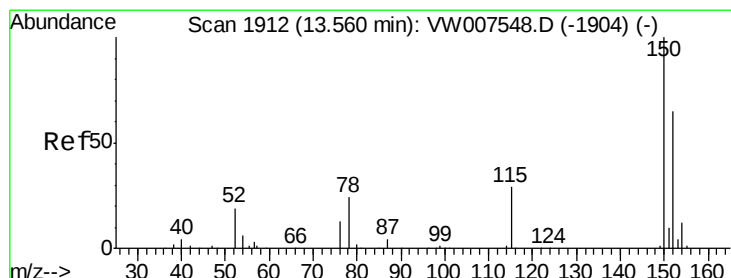
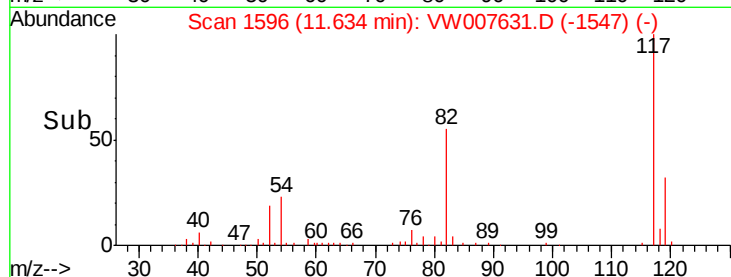
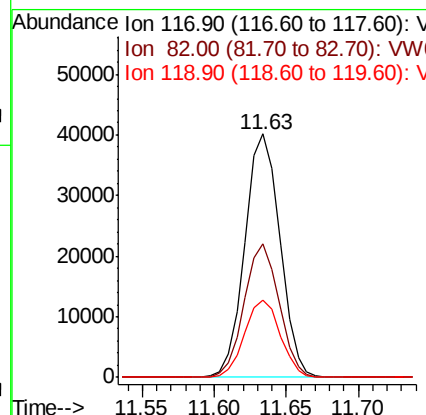
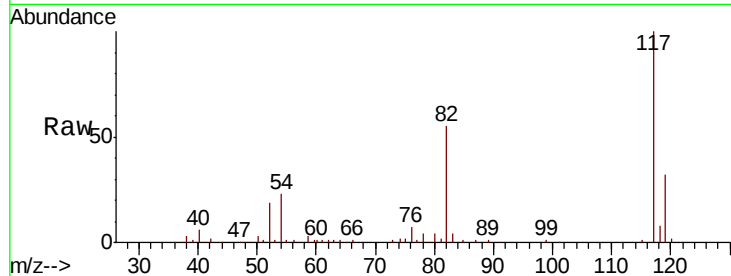




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007631.D
Acq: 17 Dec 2018 15:06

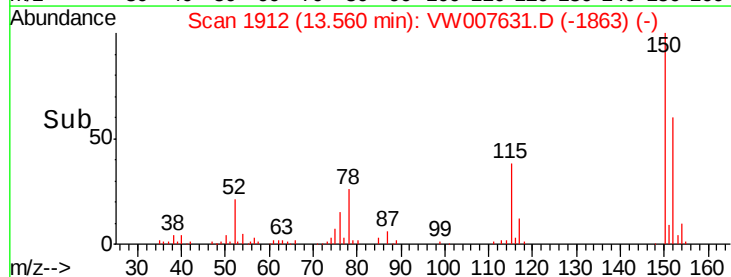
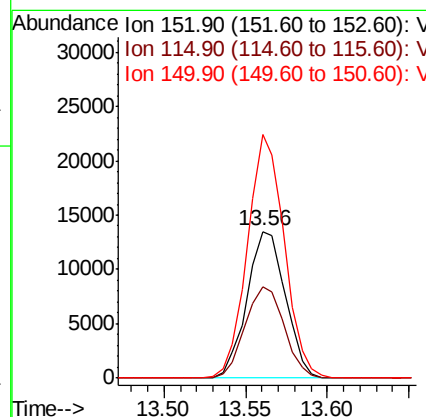
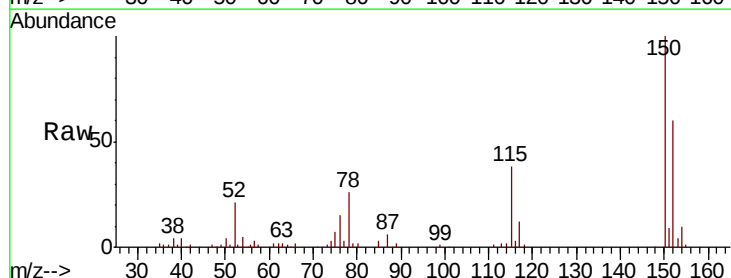
Instrument :
MSVOA_W
ClientSampled :

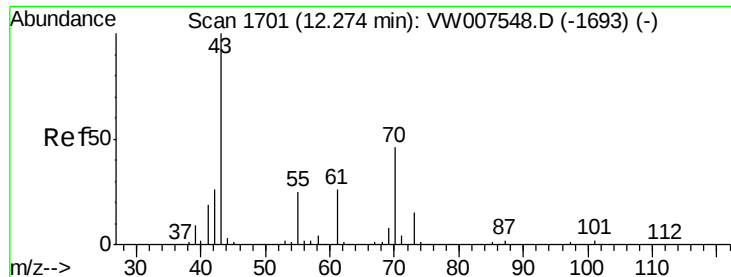
Tot Ion:117 Resp: 67745
Ion Ratio Lower Upper
117 100
82 55.0 42.3 63.5
119 31.7 23.0 34.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007631.D
Acq: 17 Dec 2018 15:06

Tgt Ion:152 Resp: 22215
Ion Ratio Lower Upper
152 100
115 63.5 31.4 94.2
150 158.6 0.0 358.4





#74

N-amvl acetate

Concen: 4.332 ug/l

RT: 12.24 min Scan# 1696

Delta R.T. -0.03 min

Lab File: VW007631.D

Acq: 17 Dec 2018 15:06

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 1340

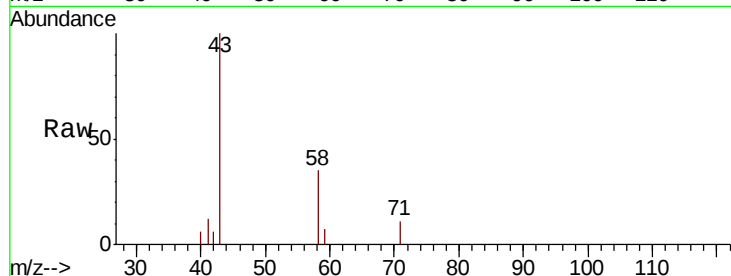
Ion Ratio Lower Upper

43 100

70 0.0 36.5 54.7#

55 0.0 20.1 30.1#

61 0.0 19.3 28.9#

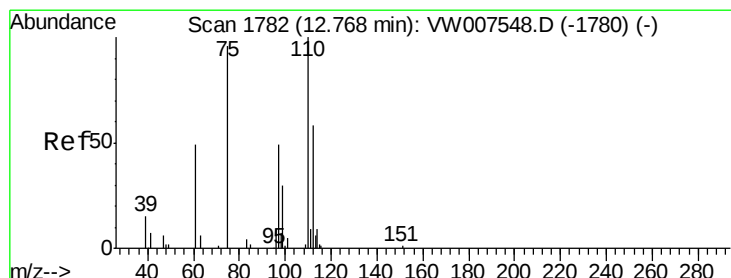
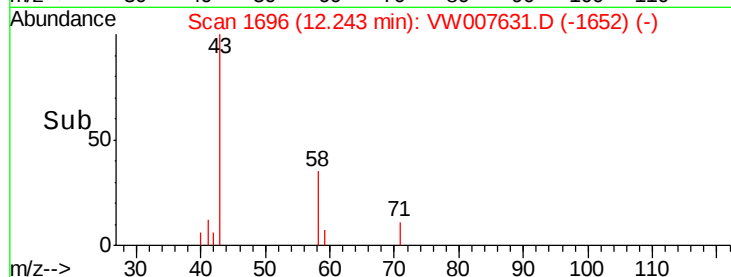
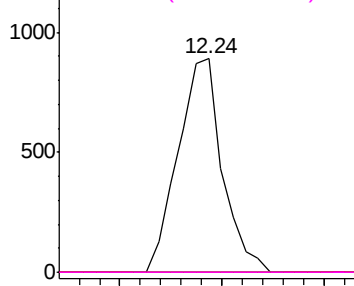


Abundance Ion 43.00 (42.70 to 43.70): VW

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: 82.274 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007631.D

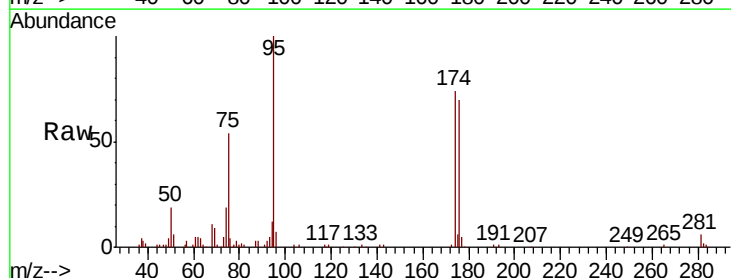
Acq: 17 Dec 2018 15:06

Tgt Ion: 75 Resp: 15070

Ion Ratio Lower Upper

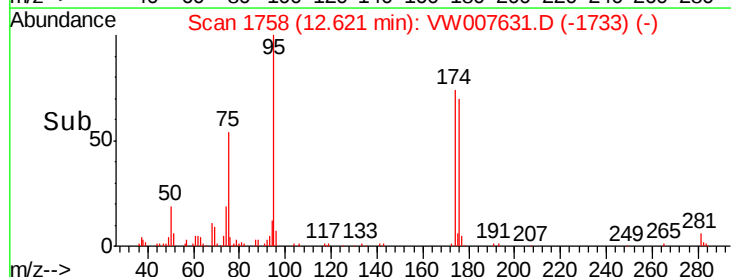
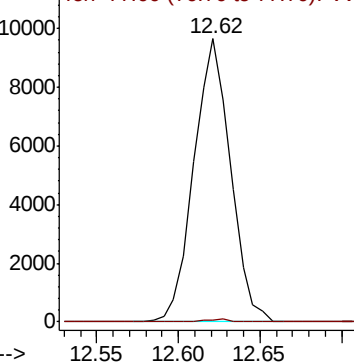
75 100

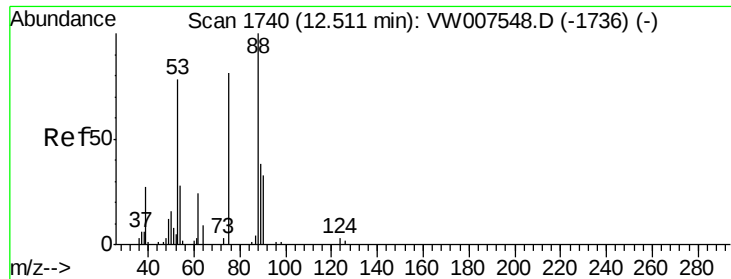
77 0.6 166.9 500.8#



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: 181.743 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007631.D

Acq: 17 Dec 2018 15:06

Instrument :

MSVOA_W

ClientSampleId :

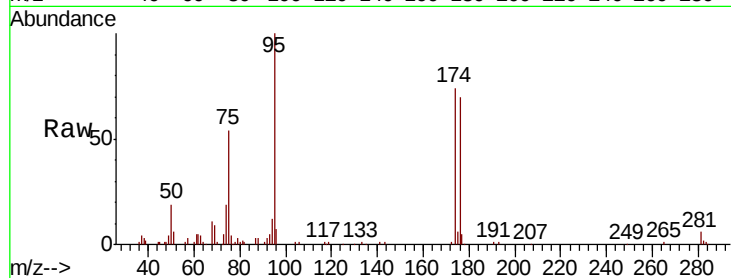
Tot Ion: 75 Resp: 15070

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

