

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122018\
 Data File : VW007664.D
 Acq On : 18 Dec 2018 17:45
 Operator : SY/AP
 Sample : J6391-09RE
 Misc : 4.58G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 19 03:20:11 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	21172	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	38442	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	24431	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	6812	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	20644	87.89	ug/l	0.00
Spiked Amount			Recovery	=	175.78%	
35) Dibromofluoromethane	7.88	113	16464	70.75	ug/l	0.00
Spiked Amount			Recovery	=	141.50%	
50) Toluene-d8	10.32	98	38016	43.57	ug/l	0.00
Spiked Amount			Recovery	=	87.14%	
62) 4-Bromofluorobenzene	12.62	95	9092	28.34	ug/l	0.00
Spiked Amount			Recovery	=	56.68%	

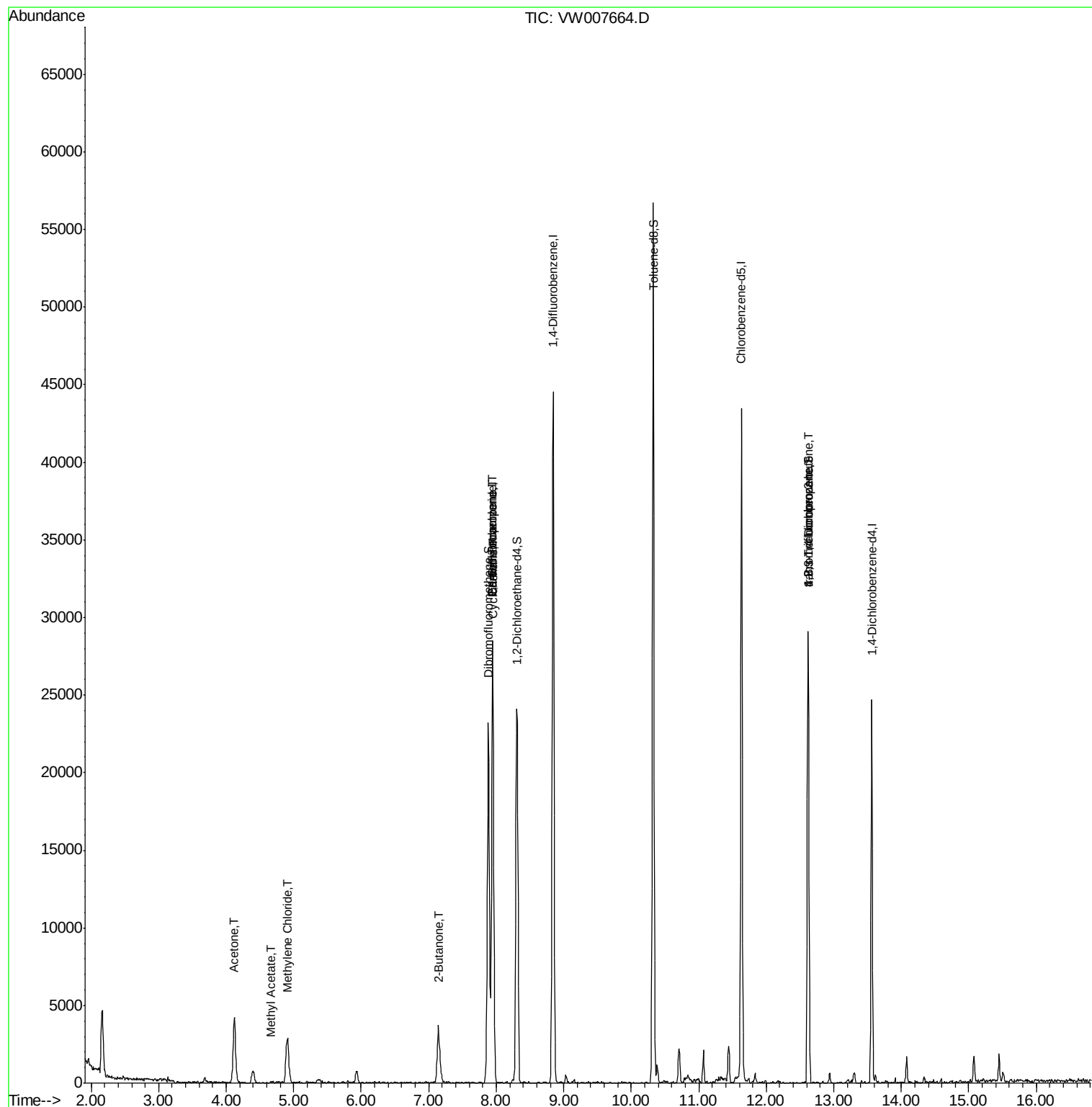
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	7274	177.295	ug/l	90
18) Methyl Acetate	4.66	43	148	1.329	ug/l #	49
20) Methylene Chloride	4.92	84	2492	7.801	ug/l #	85
25) 2-Butanone	7.16	43	255	4.761	ug/l #	45
31) Cyclohexane	7.96	56	432	1.184	ug/l #	45
36) 1,1-Dichloropropene	7.95	75	1716	4.893	ug/l #	44
38) Carbon Tetrachloride	7.95	117	2077	5.443	ug/l #	13
76) 1,2,3-Trichloropropane	12.62	75	4798	85.424	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	4798	188.702	ug/l #	7

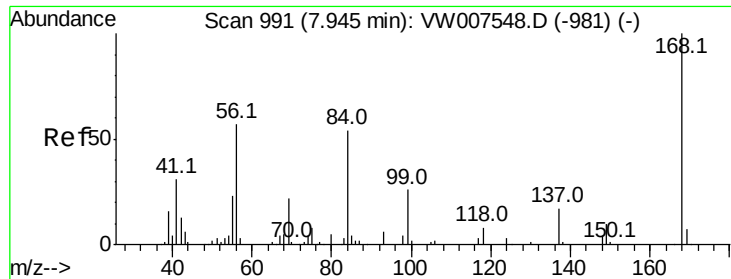
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 991

Delta R.T. -0.01 min

Lab File: VW007664.D

Acq: 18 Dec 2018 17:45

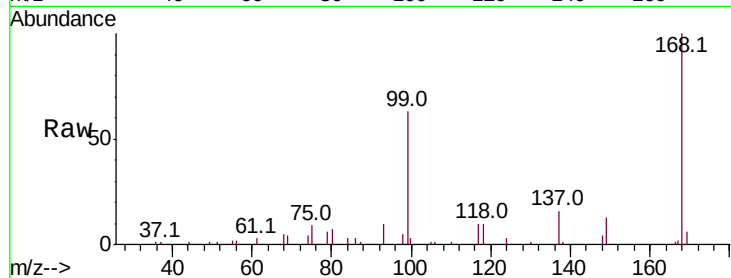
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 21172

Ion Ratio Lower Upper

168 100

99 63.2 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

10000

8000

6000

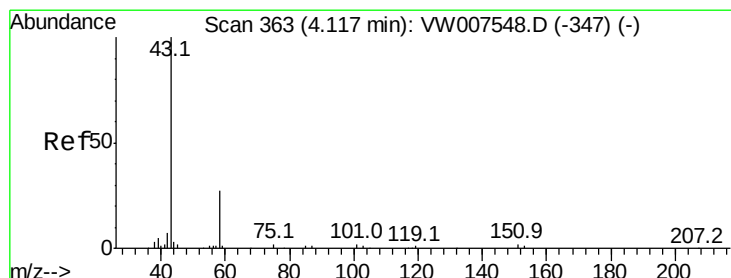
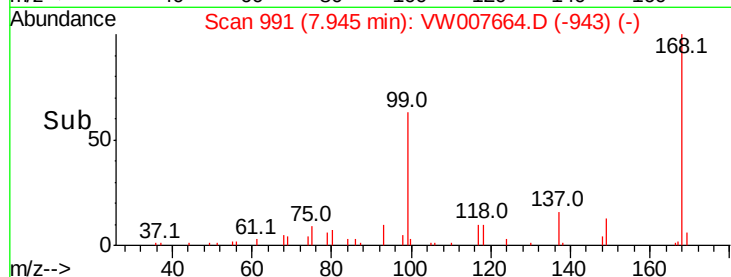
4000

2000

0

Time-->

7.85 7.90 7.95 8.00



#16

Acetone

Concen: 177.295 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007664.D

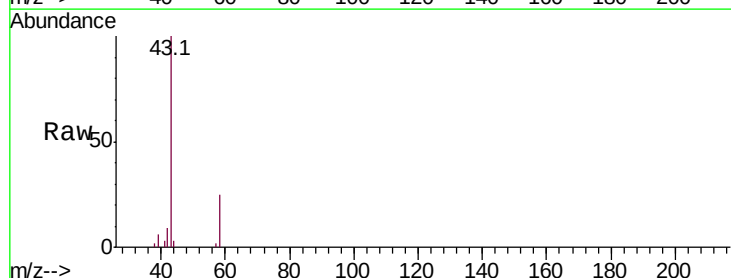
Acq: 18 Dec 2018 17:45

Tgt Ion: 43 Resp: 7274

Ion Ratio Lower Upper

43 100

58 25.4 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

3000

2500

2000

1500

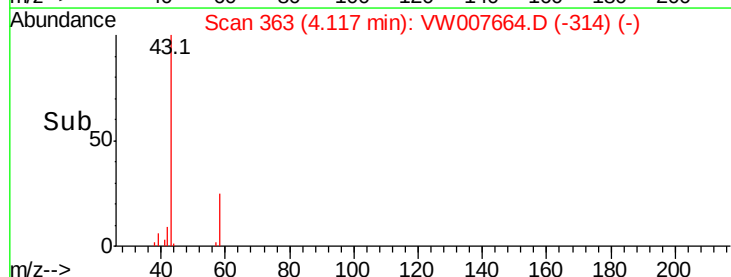
1000

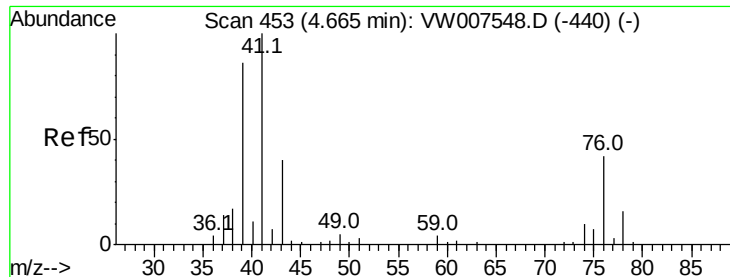
500

0

Time-->

4.05 4.10 4.15 4.20

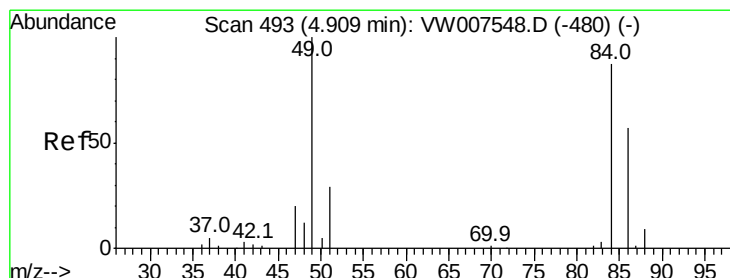
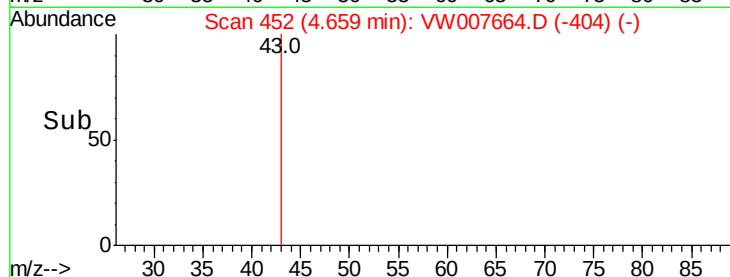
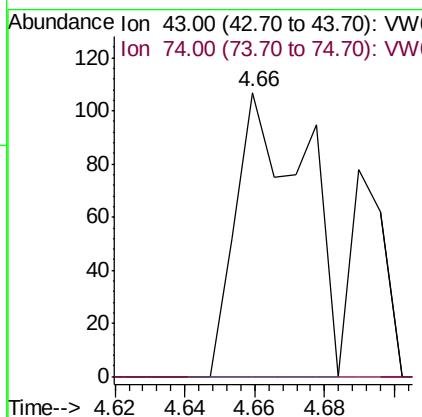
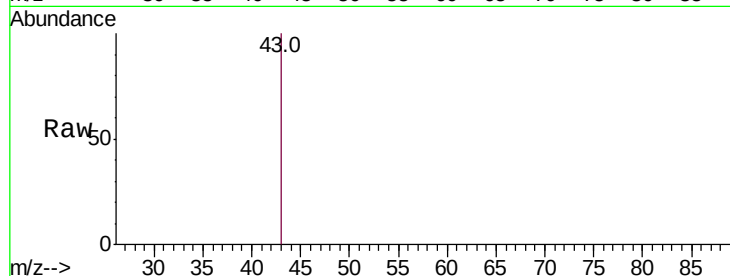




#18
Methyl Acetate
Concen: 1.329 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW007664.D
Acq: 18 Dec 2018 17:45

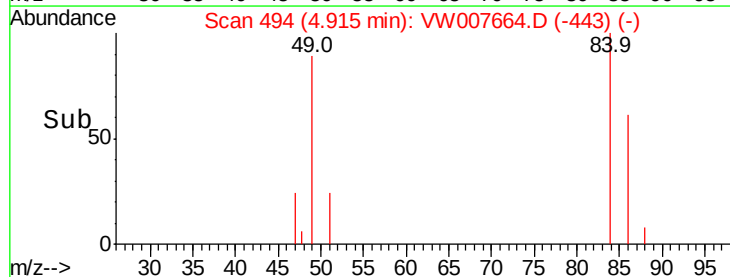
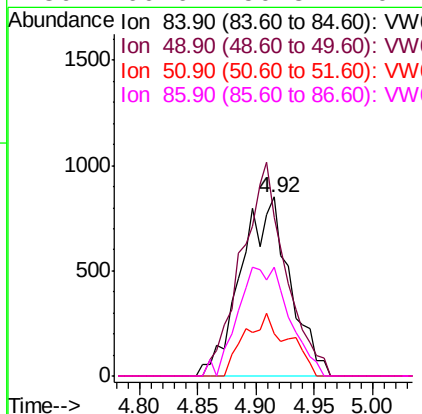
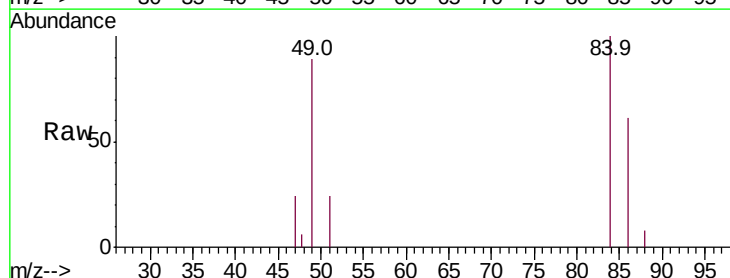
Instrument :
MSVOA_W
ClientSampled :

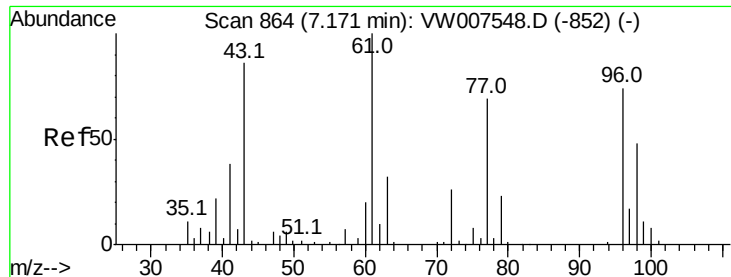
Tot Ion: 43 Resp: 148
Ion Ratio Lower Upper
43 100
74 0.0 21.1 31.7#



#20
Methylene Chloride
Concen: 7.801 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW007664.D
Acq: 18 Dec 2018 17:45

Tgt Ion: 84 Resp: 2492
Ion Ratio Lower Upper
84 100
49 88.6 87.1 130.7
51 23.5 28.2 42.2#
86 60.6 50.8 76.2





#25

2-Butanone

Concen: 4.761 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW007664.D

Acq: 18 Dec 2018 17:45

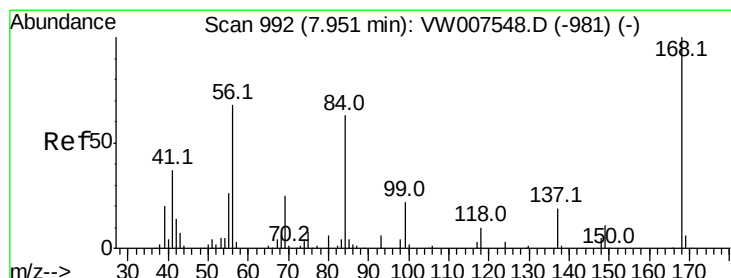
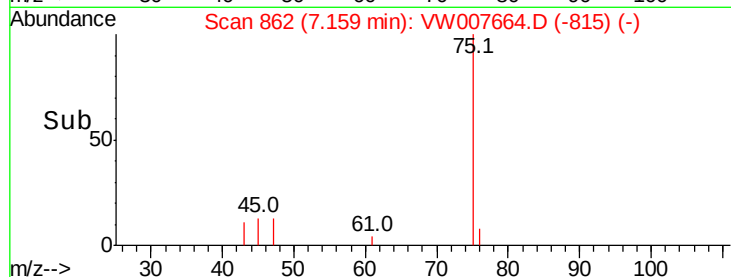
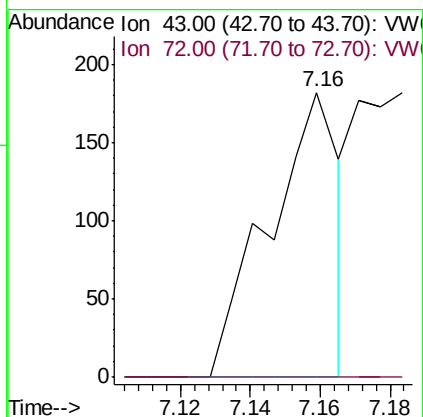
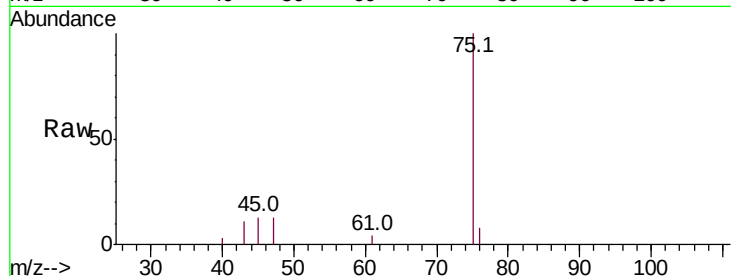
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 255

Ion Ratio Lower Upper

43 100

72 0.0 23.4 35.2#



#31

Cyclohexane

Concen: 1.184 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW007664.D

Acq: 18 Dec 2018 17:45

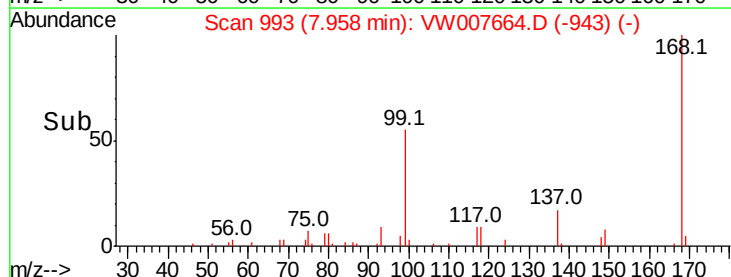
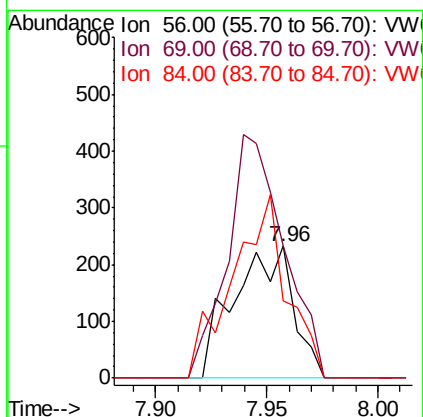
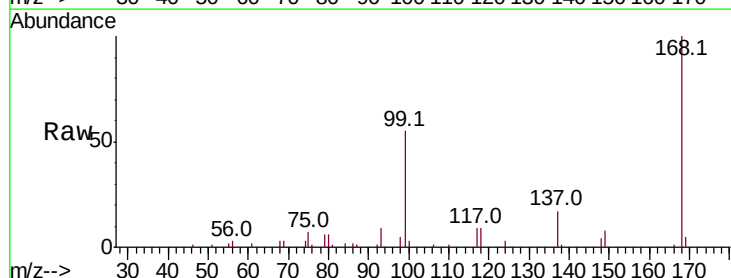
Tgt Ion: 56 Resp: 432

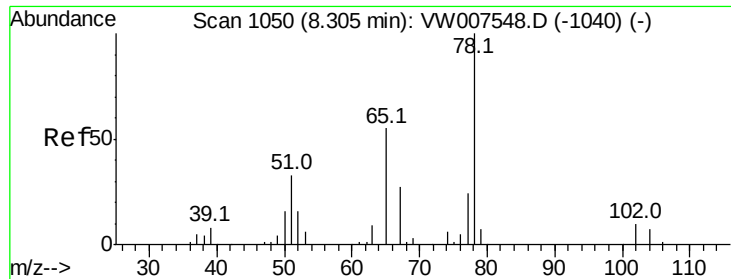
Ion Ratio Lower Upper

56 100

69 100.4 28.9 43.3#

84 59.1 71.8 107.6#

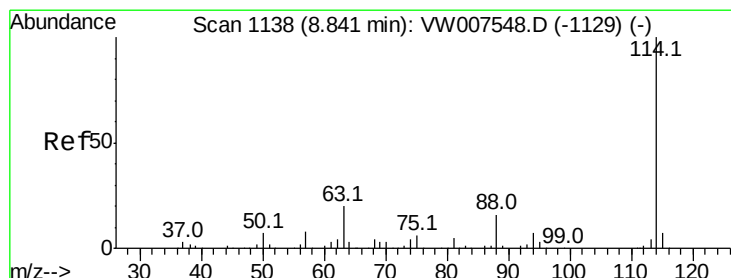
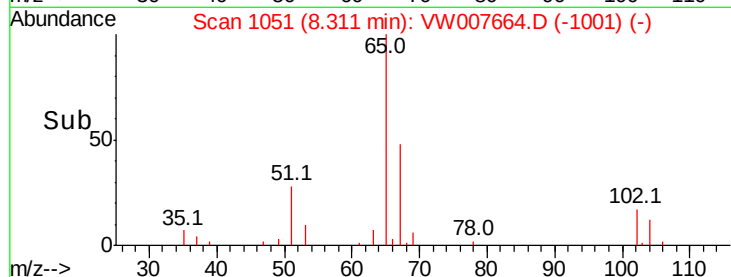
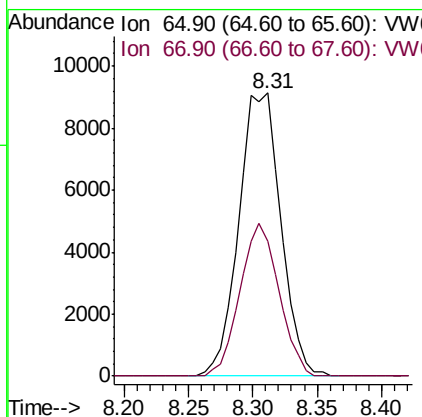
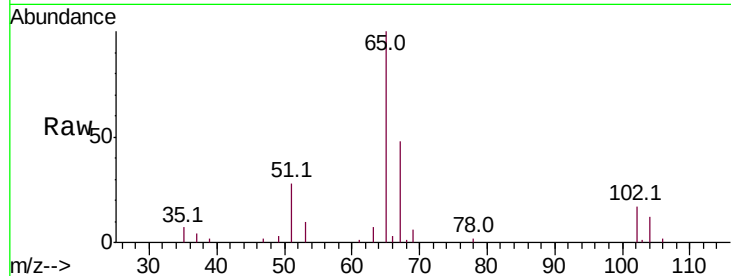




#33
 1,2-Dichloroethane-d4
 Concen: 87.889 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VW007664.D
 Acq: 18 Dec 2018 17:45

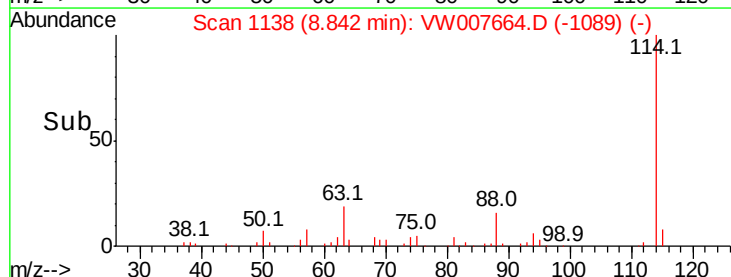
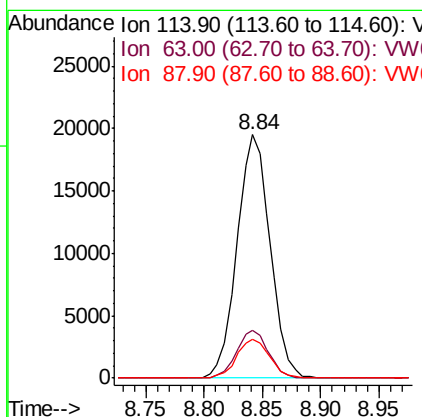
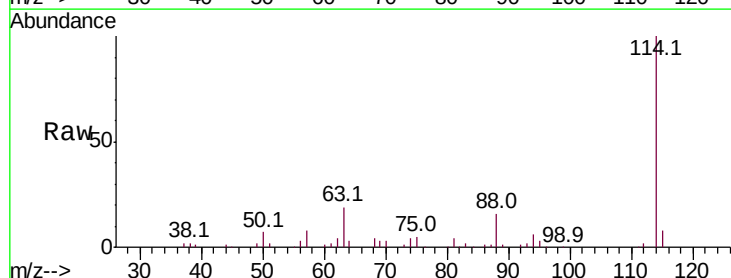
Instrument :
 MSVOA_W
 ClientSampled :

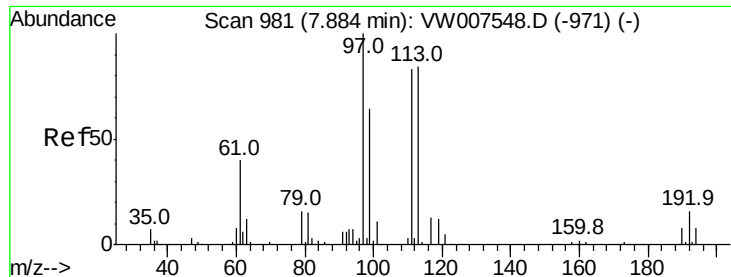
Tot Ion: 65 Resp: 20644
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007664.D
 Acq: 18 Dec 2018 17:45

Tgt Ion: 114 Resp: 38442
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.6
 88 16.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 70.751 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007664.D

Acq: 18 Dec 2018 17:45

Instrument :
MSVOA_W
ClientSampleId :

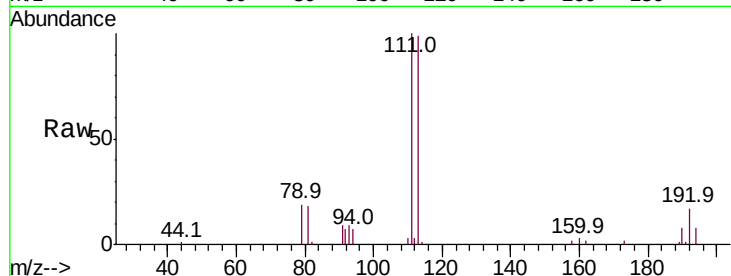
Tot Ion:113 Resp: 16464

Ion Ratio Lower Upper

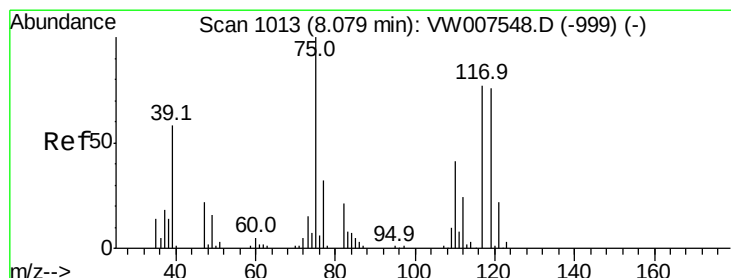
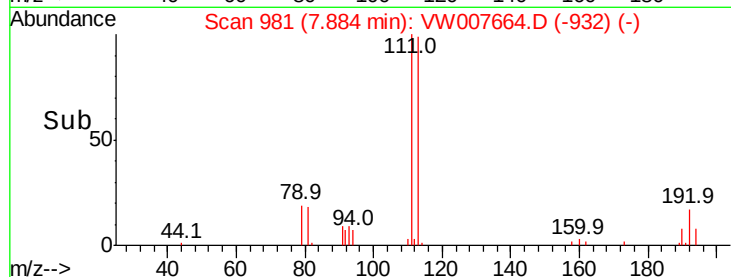
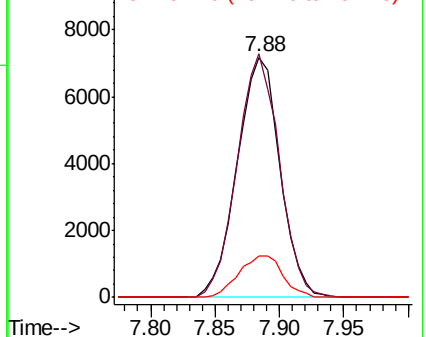
113 100

111 100.0 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: 4.893 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW007664.D

Acq: 18 Dec 2018 17:45

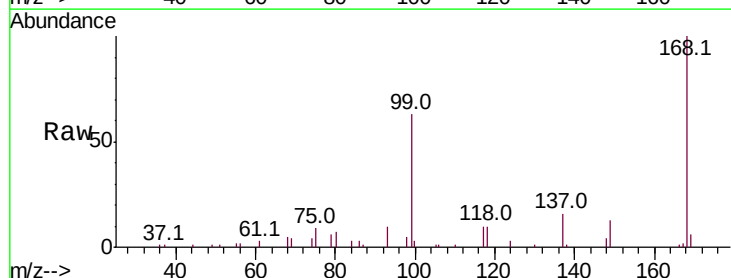
Tgt Ion: 75 Resp: 1716

Ion Ratio Lower Upper

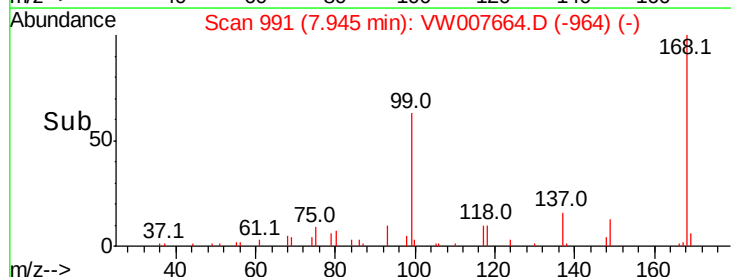
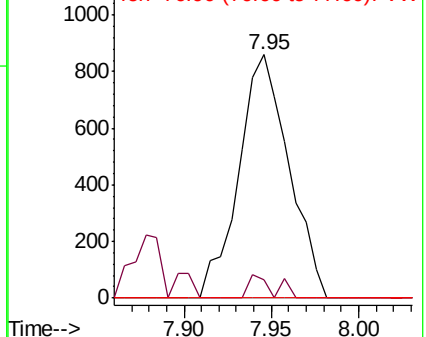
75 100

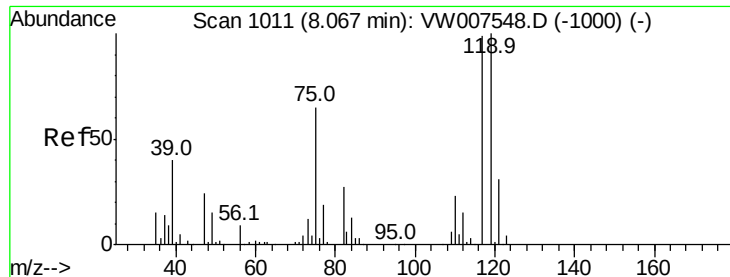
110 4.5 18.5 55.5#

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

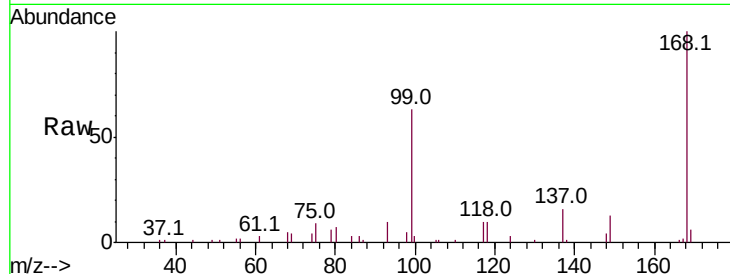




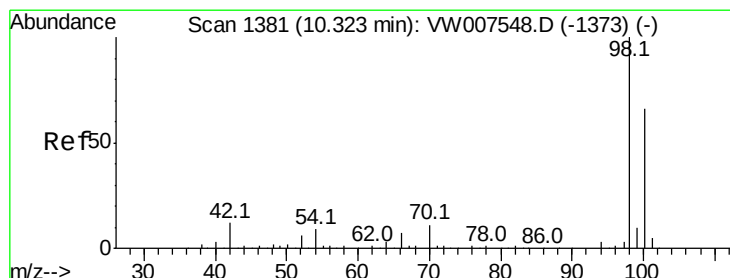
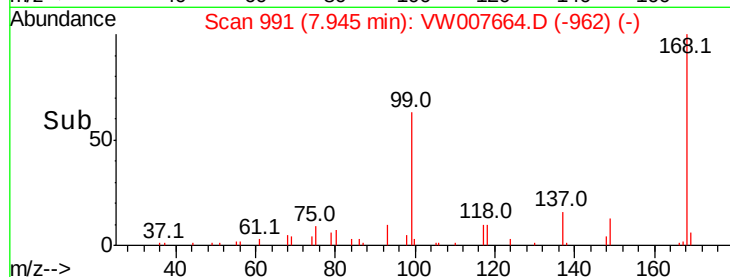
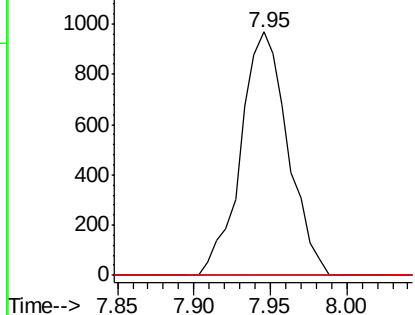
#38
Carbon Tetrachloride
Concen: 5.443 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007664.D
Acq: 18 Dec 2018 17:45

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 2077
Ion Ratio Lower Upper
117 100
119 0.0 74.3 111.5#
121 0.0 24.3 36.5#

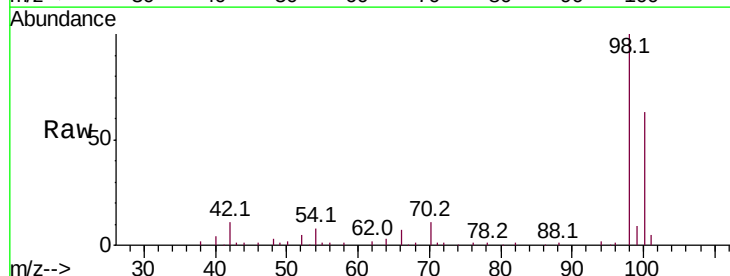


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

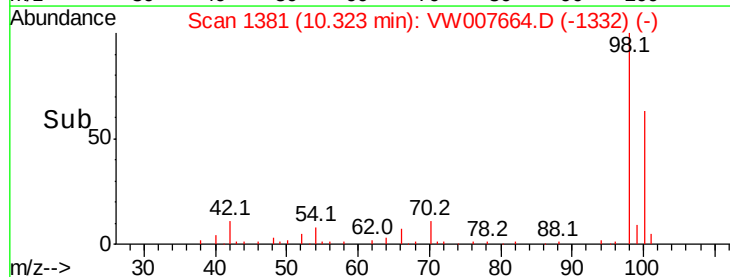
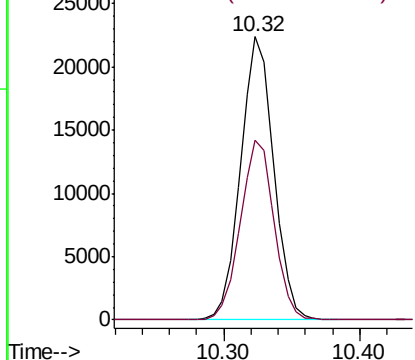


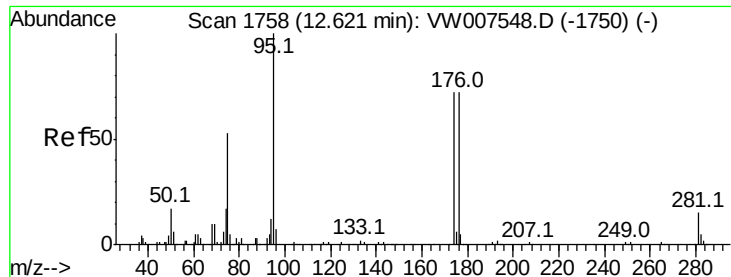
#50
Toluene-d8
Concen: 43.571 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW007664.D
Acq: 18 Dec 2018 17:45

Tgt Ion: 98 Resp: 38016
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): V

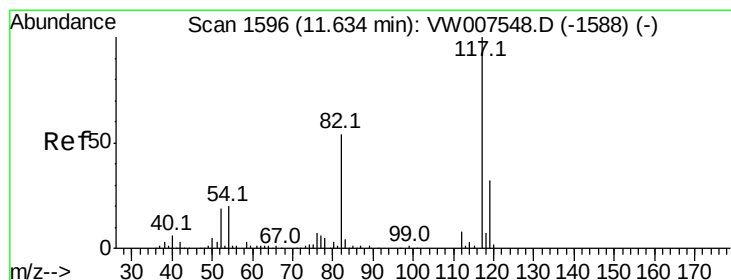
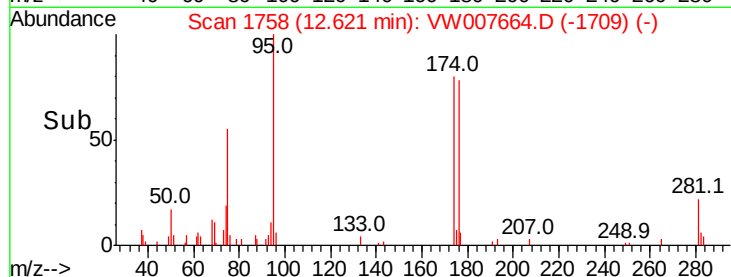
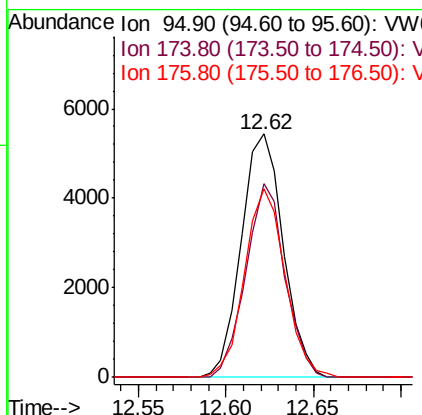
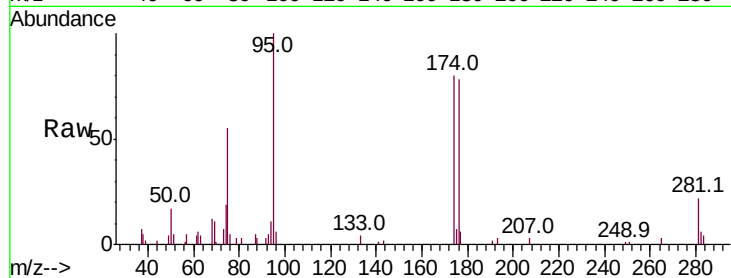




#62
4-Bromofluorobenzene
Concen: 28.342 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007664.D
Acq: 18 Dec 2018 17:45

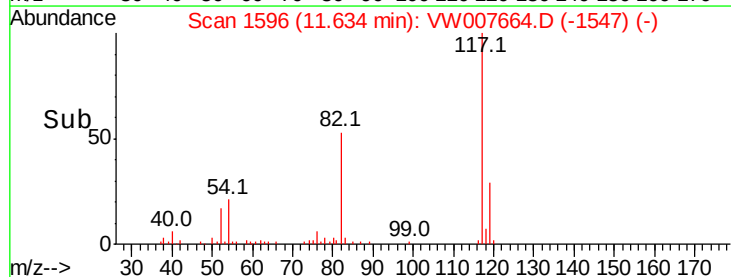
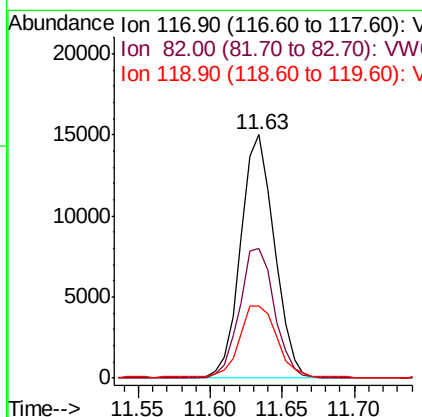
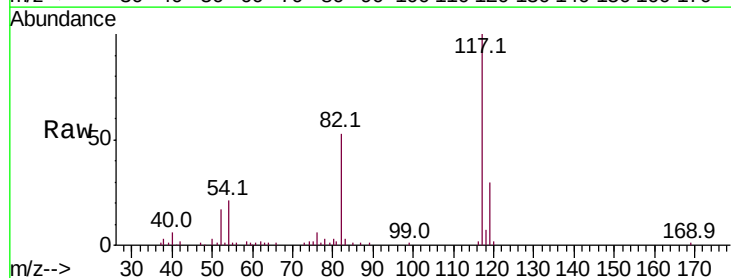
Instrument :
MSVOA_W
ClientSampleId :

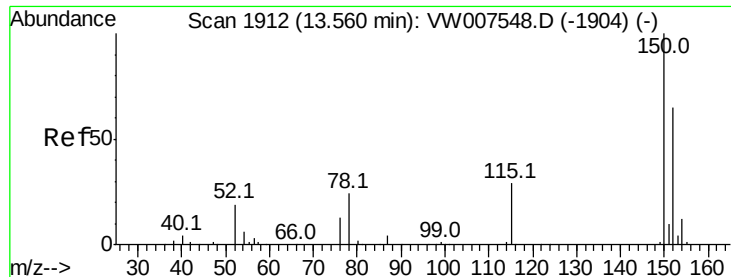
Tot Ion: 95 Resp: 9092
Ion Ratio Lower Upper
95 100
174 73.9 0.0 147.2
176 74.4 0.0 138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007664.D
Acq: 18 Dec 2018 17:45

Tgt Ion: 117 Resp: 24431
Ion Ratio Lower Upper
117 100
82 53.1 42.3 63.5
119 29.2 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: VW007664.D

Acq: 18 Dec 2018 17:45

Instrument :

MSVOA_W

ClientSampled :

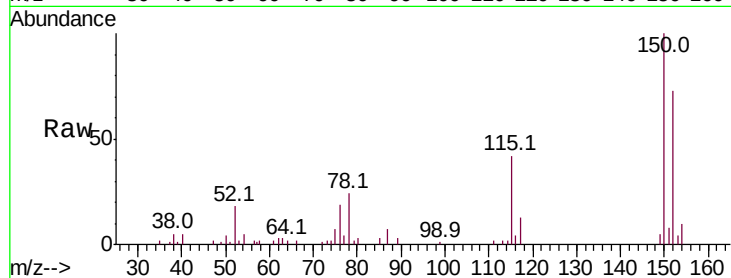
Tot Ion:152 Resp: 6812

Ion Ratio Lower Upper

152 100

115 60.0 31.4 94.2

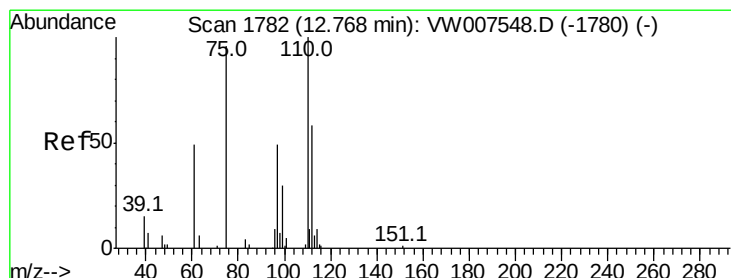
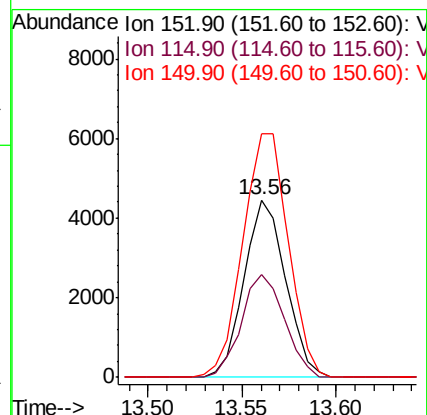
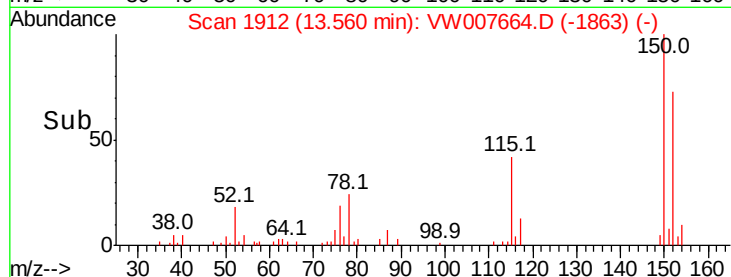
150 149.9 0.0 358.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 85.424 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007664.D

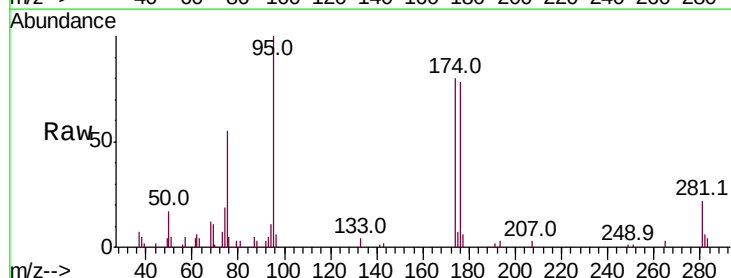
Acq: 18 Dec 2018 17:45

Tgt Ion: 75 Resp: 4798

Ion Ratio Lower Upper

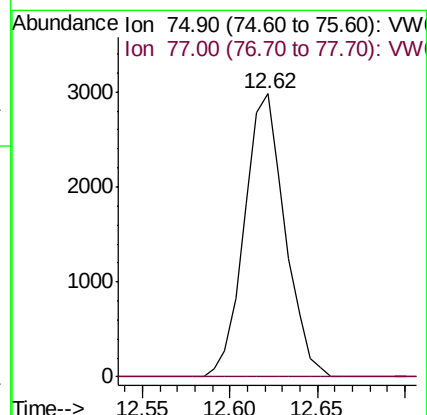
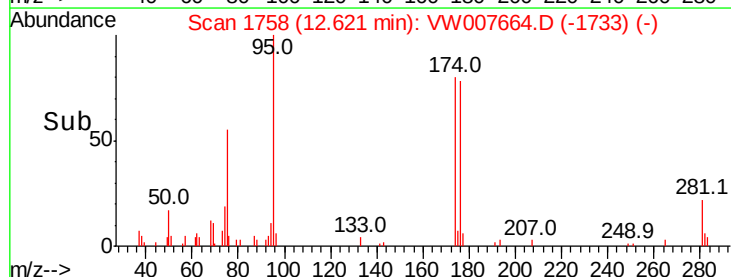
75 100

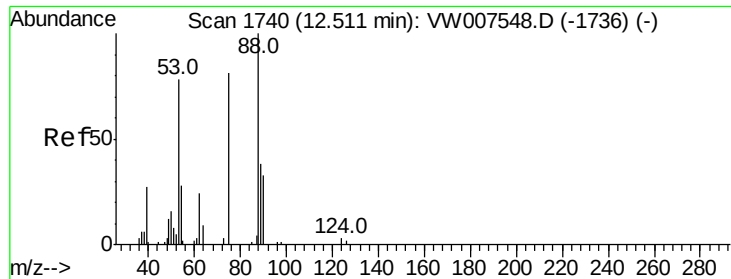
77 0.0 166.9 500.8#



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: 188.702 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007664.D

Acq: 18 Dec 2018 17:45

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 4798

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#

