

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121918\
 Data File : VW007624.D
 Acq On : 17 Dec 2018 11:56
 Operator : SY/AP
 Sample : VW1217SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 18 07:03:30 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

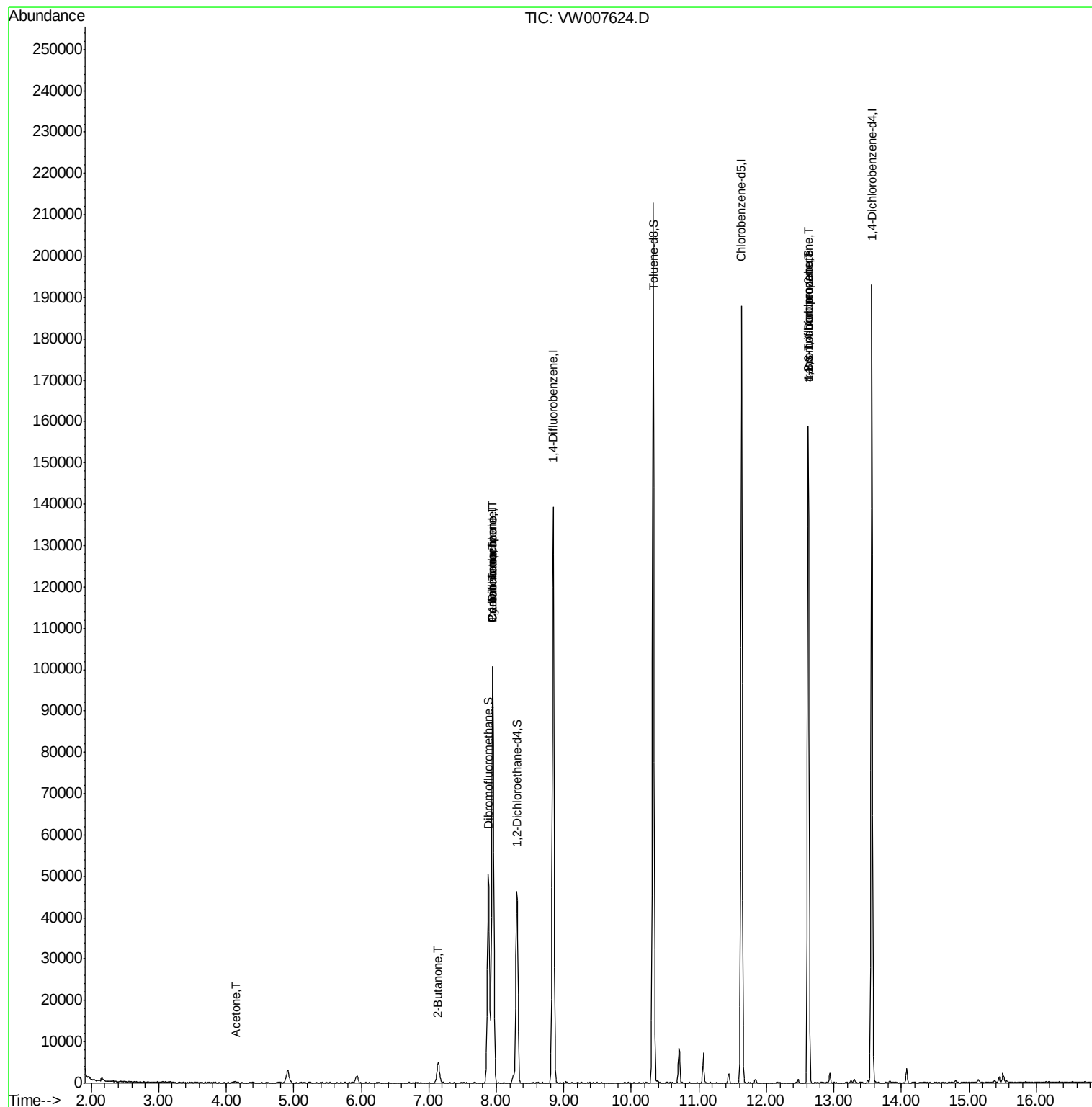
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	74822	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	116754	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	103791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	50141	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	38895	46.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.72%	
35) Dibromofluoromethane	7.88	113	36905	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
50) Toluene-d8	10.32	98	142059	53.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.22%	
62) 4-Bromofluorobenzene	12.62	95	52613	54.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.00%	
Target Compounds						
					Qvalue	
16) Acetone	4.13	43	954	6.580	ug/l #	44
20) Methylene Chloride	4.91	84	2370	Below Cal	#	85
25) 2-Butanone	7.13	43	227	1.199	ug/l #	45
31) Cyclohexane	7.95	56	1540	1.194	ug/l #	12
36) 1,1-Dichloropropene	7.95	75	5834	5.478	ug/l #	49
38) Carbon Tetrachloride	7.95	117	7612	6.568	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	27755	67.134	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	27755	148.300	ug/l #	7

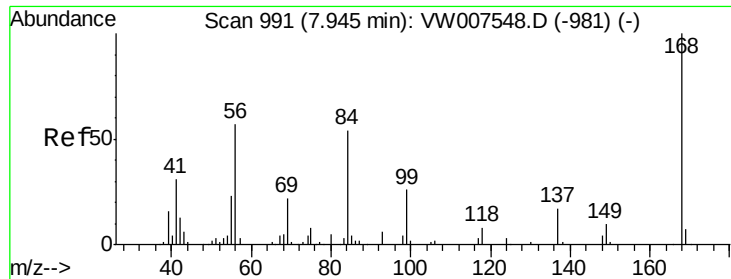
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW007624.D

Acq: 17 Dec 2018 11:56

Instrument :

MSVOA_W

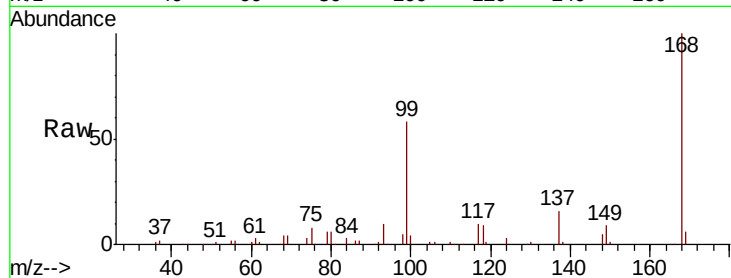
ClientSampleId :

Tot Ion:168 Resp: 74822

Ion Ratio Lower Upper

168 100

99 57.8 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

20000

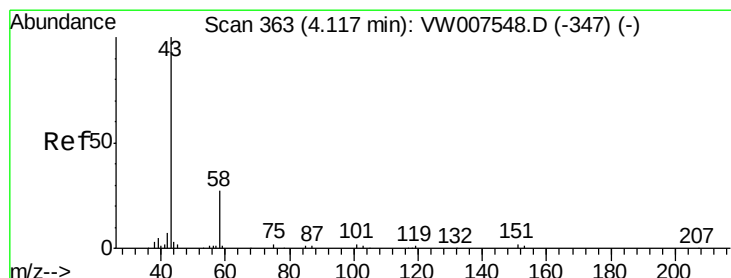
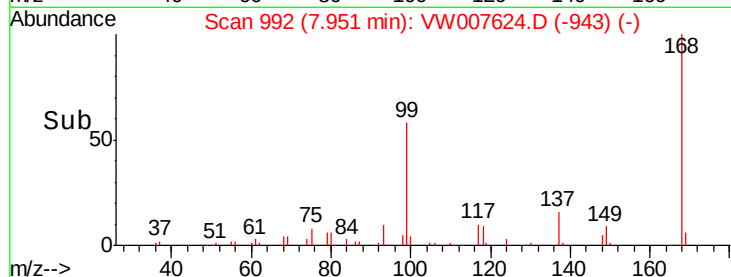
10000

0

Time-->

7.90

8.00



#16

Acetone

Concen: 6.580 ug/l

RT: 4.13 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW007624.D

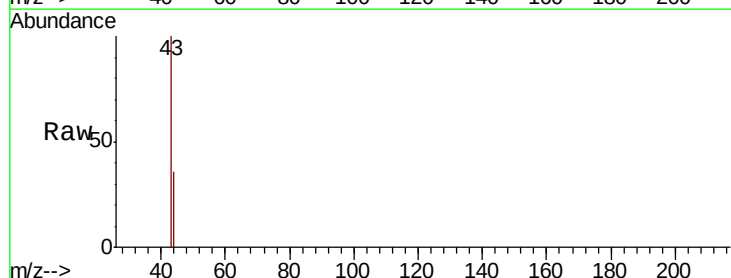
Acq: 17 Dec 2018 11:56

Tgt Ion: 43 Resp: 954

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

4.13

300

200

100

0

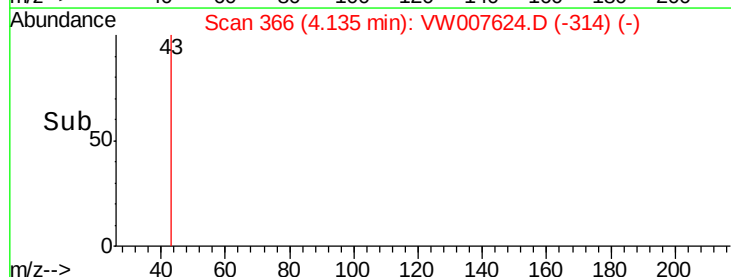
Time-->

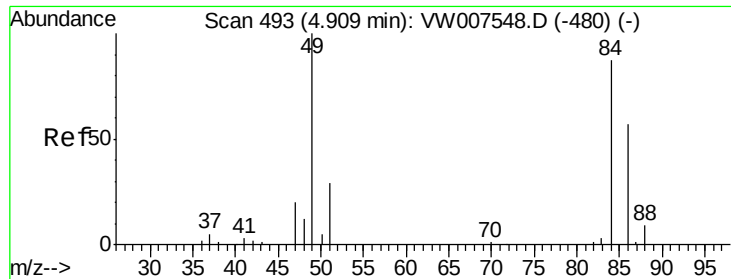
4.05

4.10

4.15

4.20

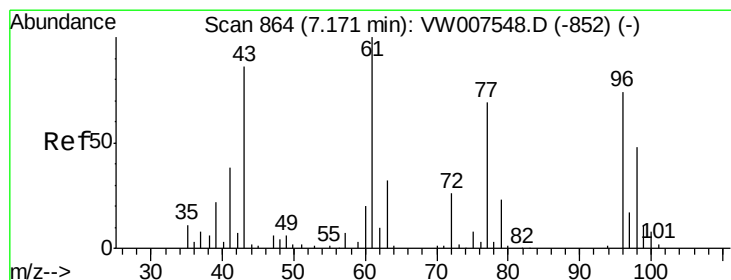
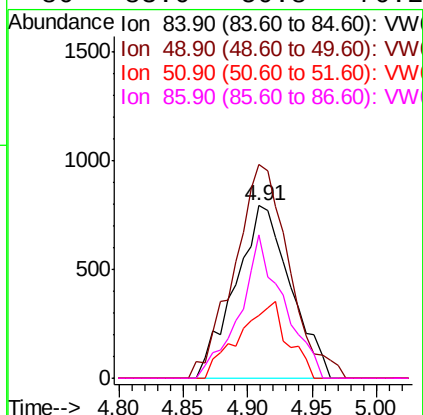
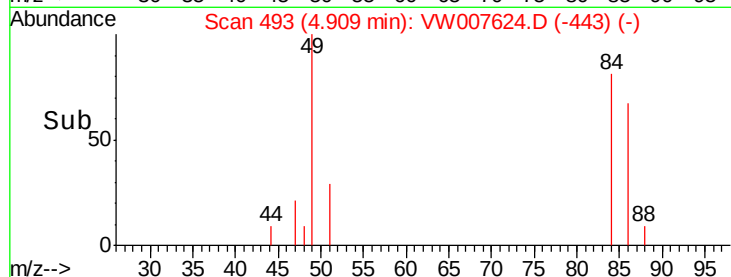
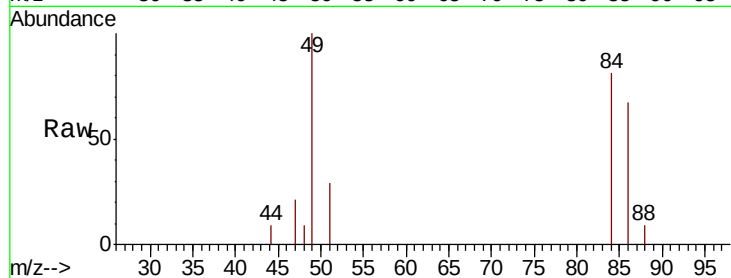




#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW007624.D
Acq: 17 Dec 2018 11:56

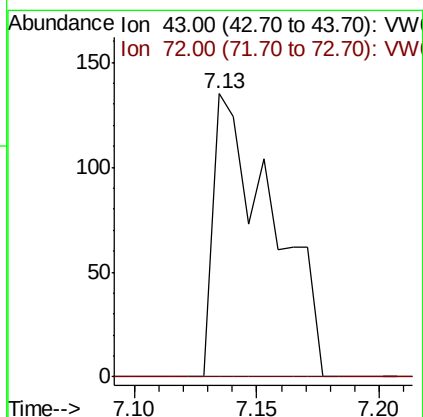
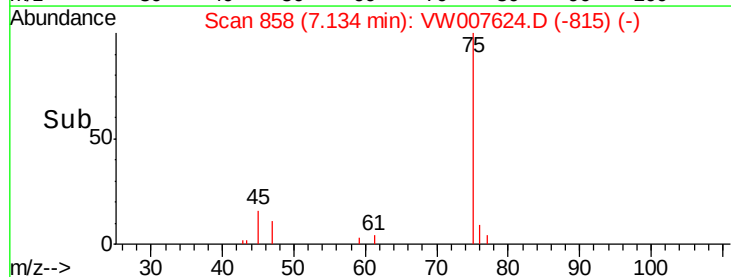
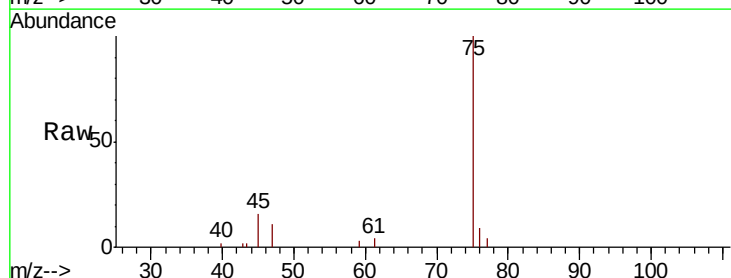
Instrument :
MSVOA_W
ClientSampled :

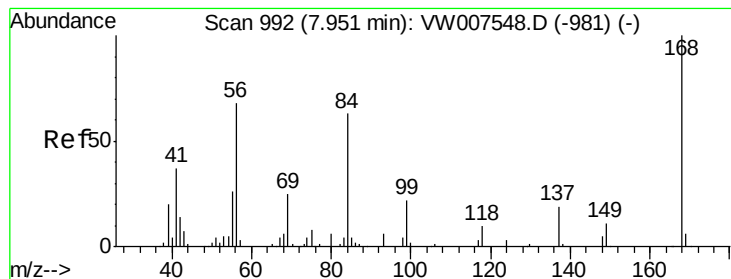
Tot Ion: 84 Resp: 2370
Ion Ratio Lower Upper
84 100
49 123.7 87.1 130.7
51 36.0 28.2 42.2
86 83.0 50.8 76.2#



#25
2-Butanone
Concen: 1.199 ug/l
RT: 7.13 min Scan# 858
Delta R.T. -0.04 min
Lab File: VW007624.D
Acq: 17 Dec 2018 11:56

Tgt Ion: 43 Resp: 227
Ion Ratio Lower Upper
43 100
72 0.0 23.4 35.2#





#31

Cyclohexane

Concen: 1.194 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007624.D

Acq: 17 Dec 2018 11:56

Instrument :

MSVOA_W

ClientSampleId :

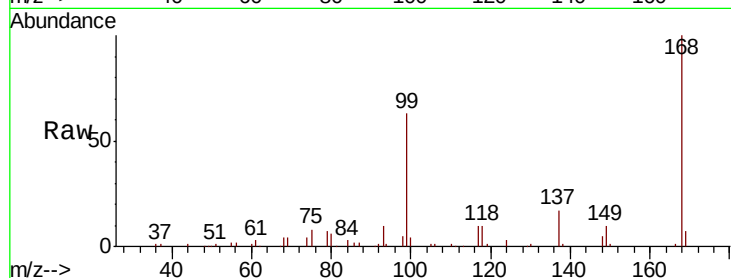
Tot Ion: 56 Resp: 1540

Ion Ratio Lower Upper

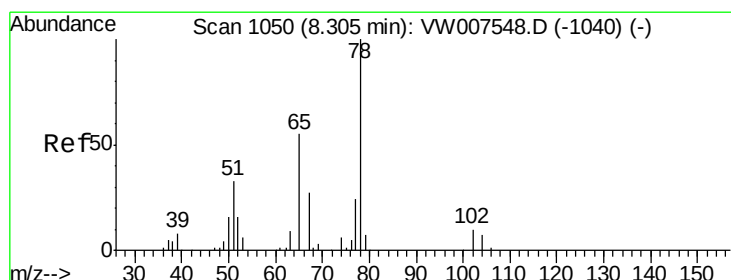
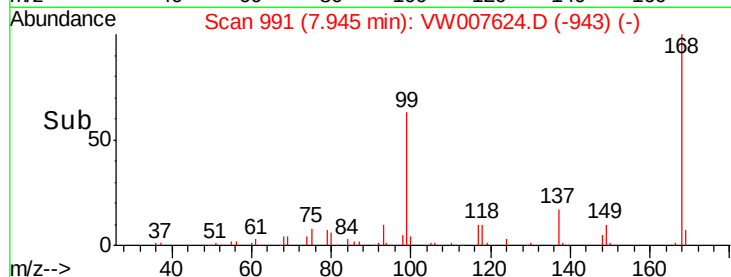
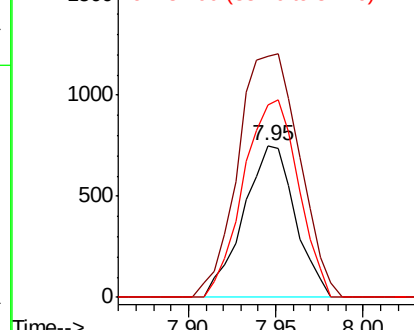
56 100

69 159.3 28.9 43.3#

84 126.9 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



#33

1,2-Dichloroethane-d4

Concen: 46.856 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007624.D

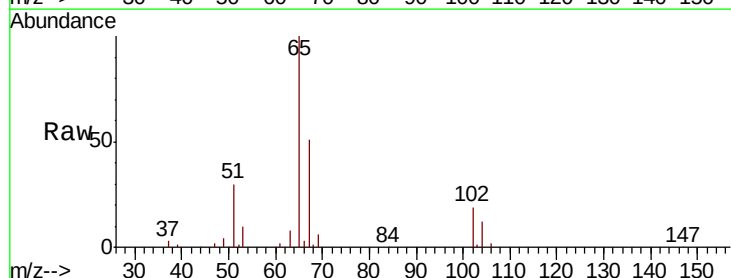
Acq: 17 Dec 2018 11:56

Tgt Ion: 65 Resp: 38895

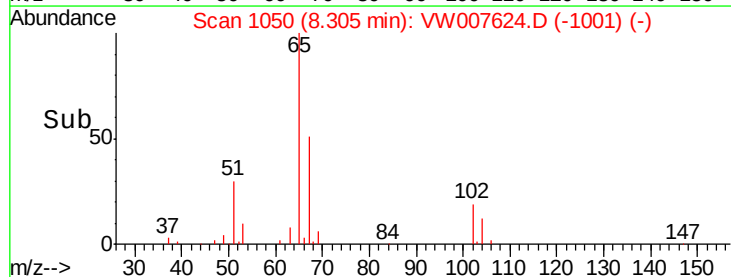
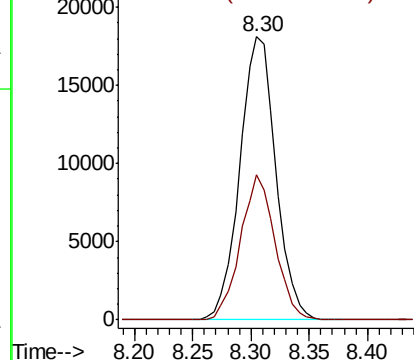
Ion Ratio Lower Upper

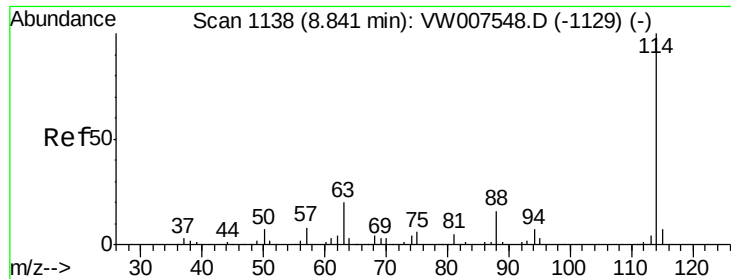
65 100

67 49.2 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

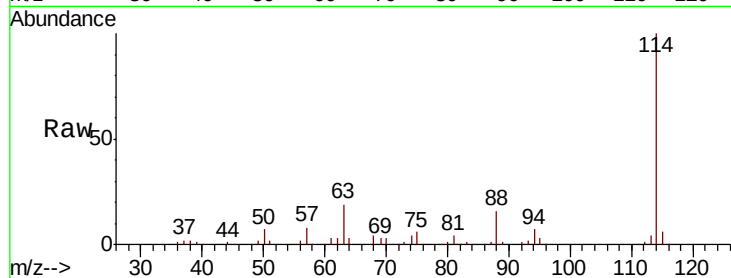




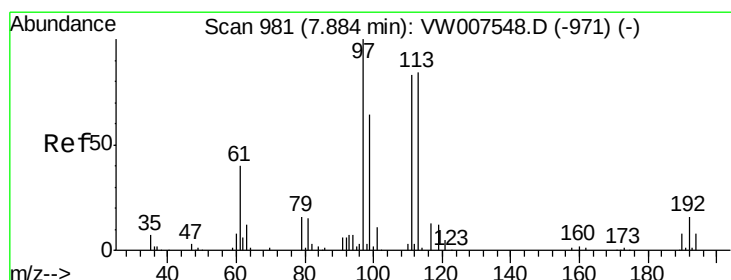
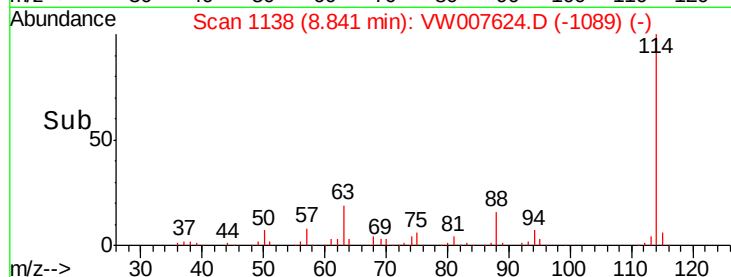
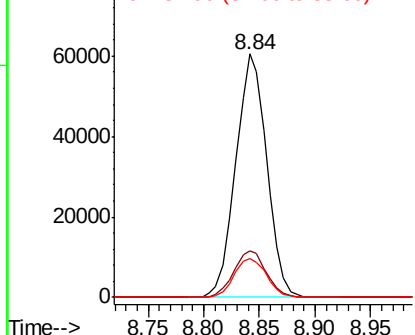
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW007624.D
Acq: 17 Dec 2018 11:56

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:114 Resp: 116754
Ion Ratio Lower Upper
114 100
63 19.1 0.0 39.6
88 16.1 0.0 31.4

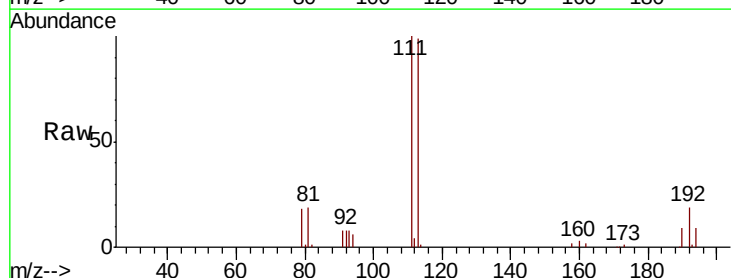


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

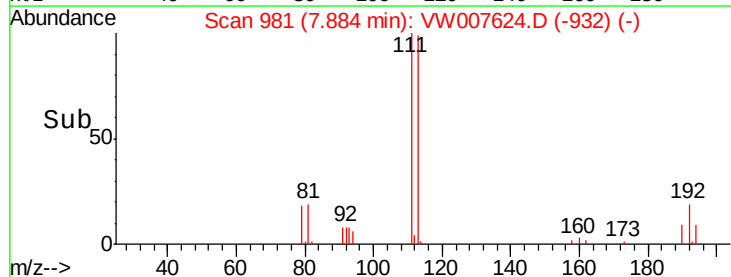
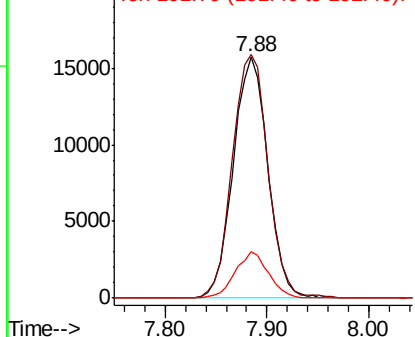


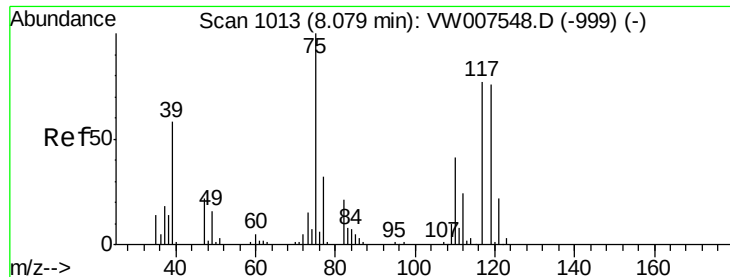
#35
Dibromofluoromethane
Concen: 52.217 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW007624.D
Acq: 17 Dec 2018 11:56

Tgt Ion:113 Resp: 36905
Ion Ratio Lower Upper
113 100
111 103.7 81.1 121.7
192 18.4 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

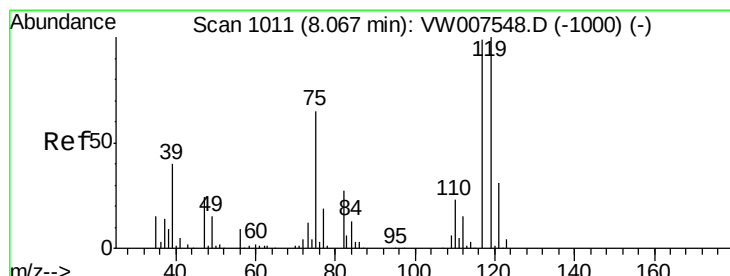
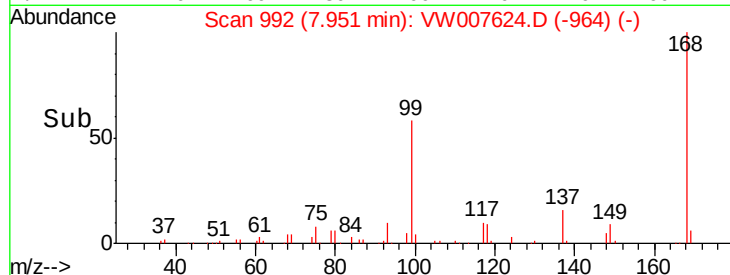
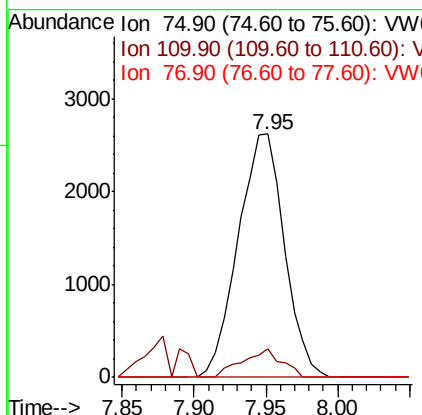
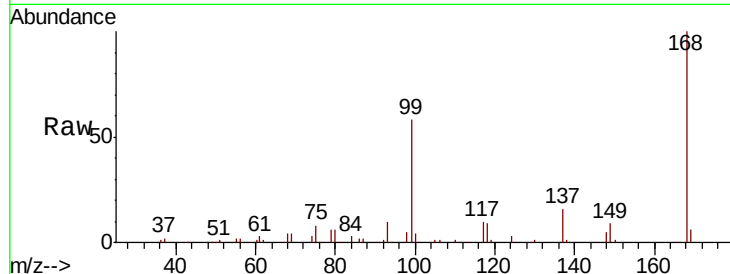




#36
 1,1-Dichloropropene
 Concen: 5.478 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007624.D
 Acq: 17 Dec 2018 11:56

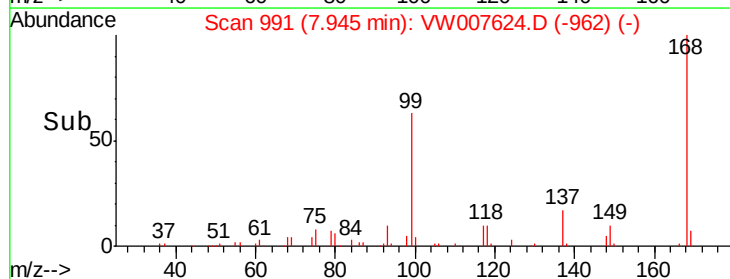
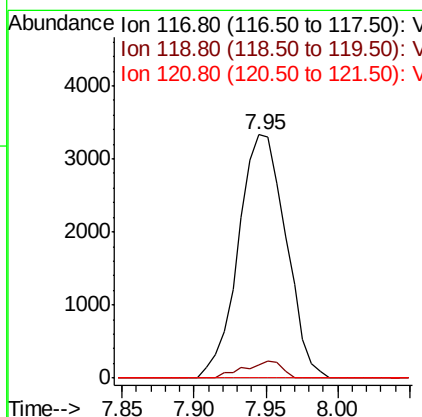
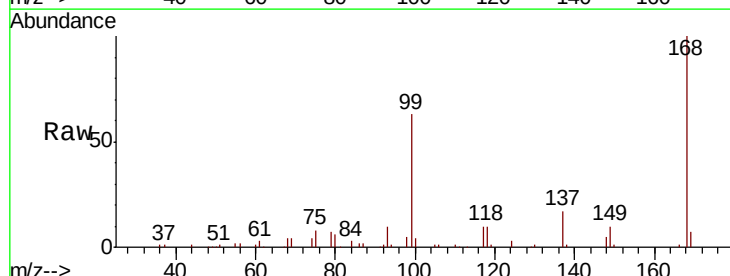
Instrument :
 MSVOA_W
 ClientSampleId :

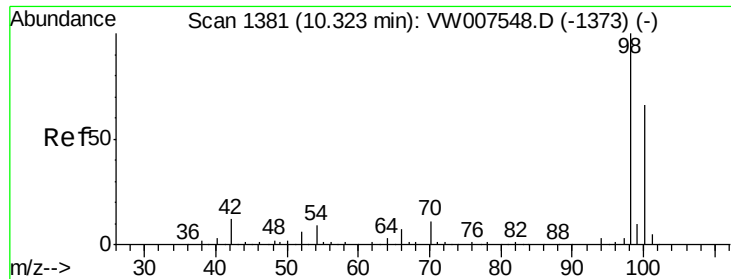
Tot Ion:	75	Resp:	5834
Ion	Ratio	Lower	Upper
75	100		
110	9.8	18.5	55.5#
77	0.0	25.6	38.4#



#38
 Carbon Tetrachloride
 Concen: 6.568 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW007624.D
 Acq: 17 Dec 2018 11:56

Tgt Ion:	117	Resp:	7612
Ion	Ratio	Lower	Upper
117	100		
119	5.4	74.3	111.5#
121	0.0	24.3	36.5#

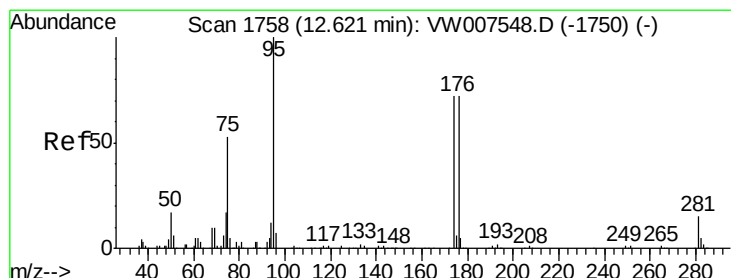
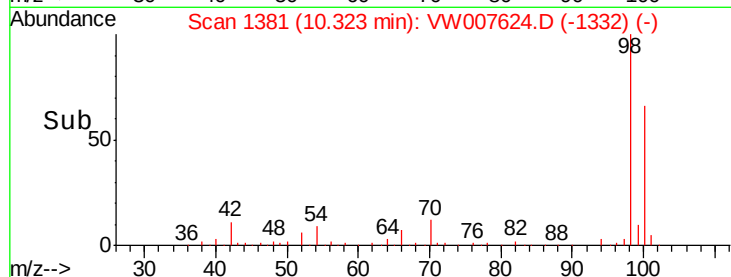
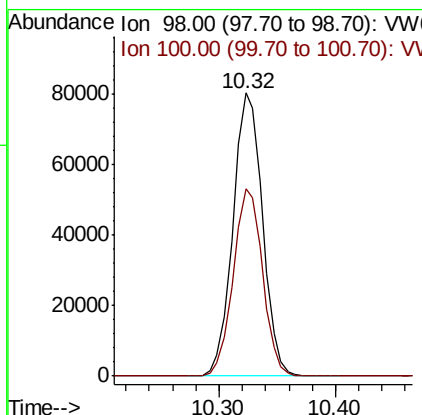
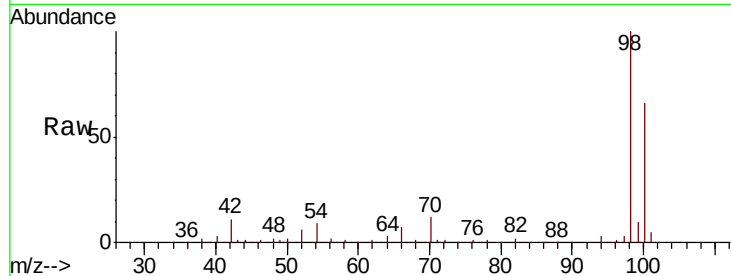




#50
Toluene-d8
Concen: 53.608 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007624.D
Acq: 17 Dec 2018 11:56

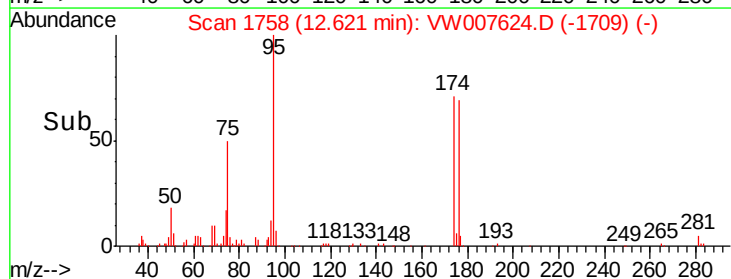
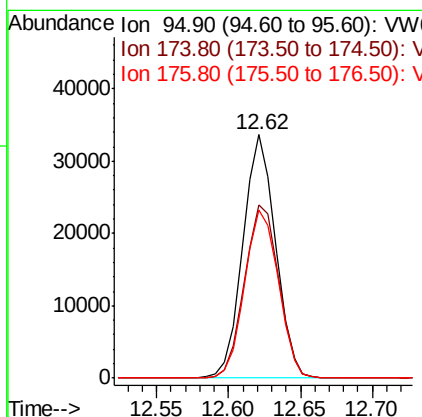
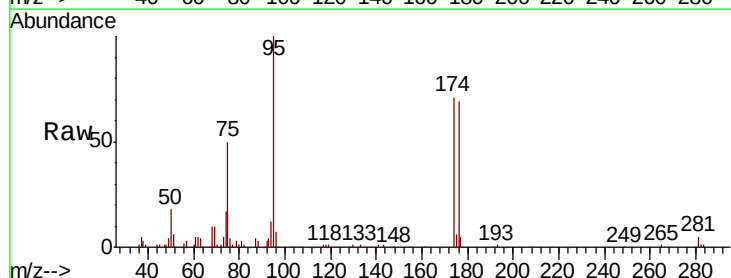
Instrument :
MSVOA_W
ClientSampleId :

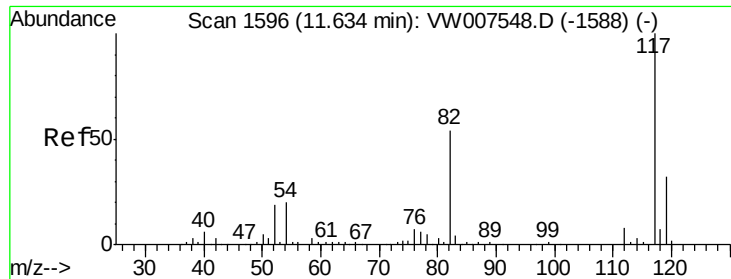
Tot Ion: 98 Resp: 142059
Ion Ratio Lower Upper
98 100
100 65.5 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 54.000 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007624.D
Acq: 17 Dec 2018 11:56

Tgt Ion: 95 Resp: 52613
Ion Ratio Lower Upper
95 100
174 74.8 0.0 147.2
176 71.9 0.0 138.8

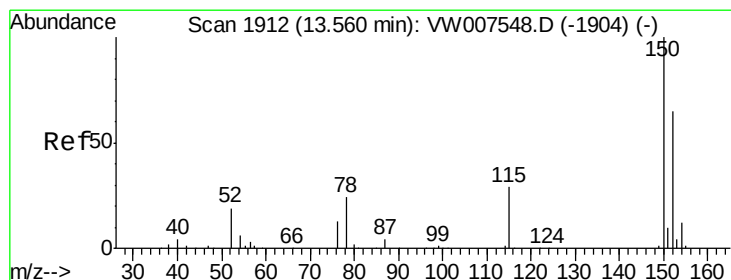
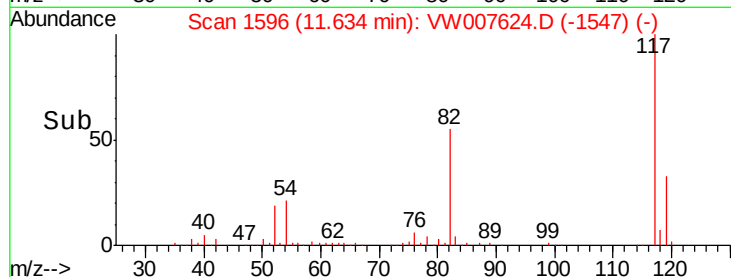
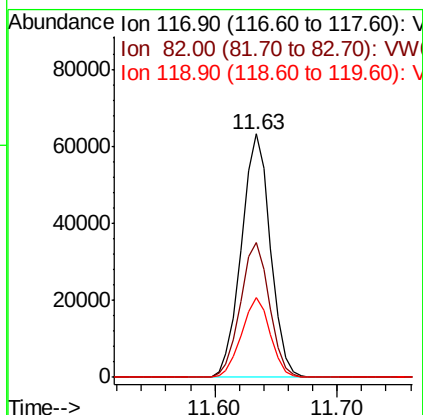
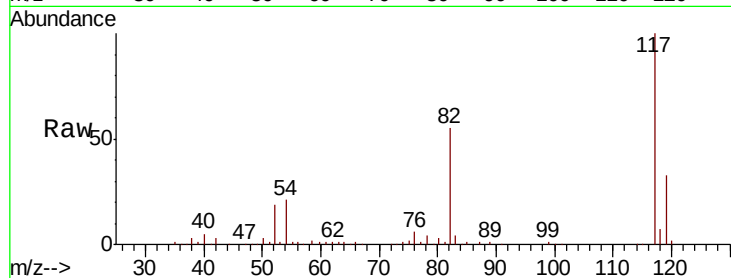




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007624.D
Acq: 17 Dec 2018 11:56

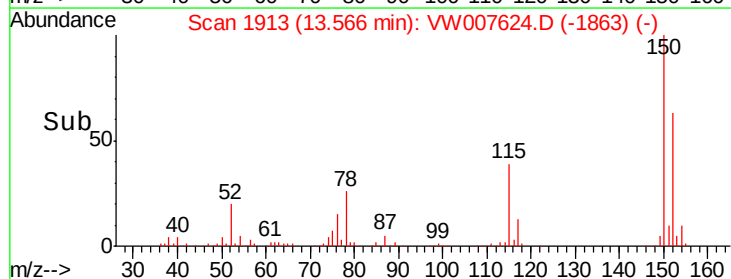
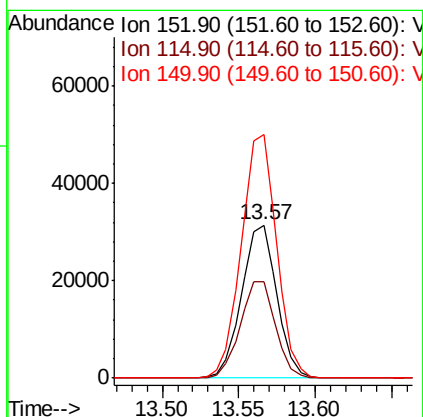
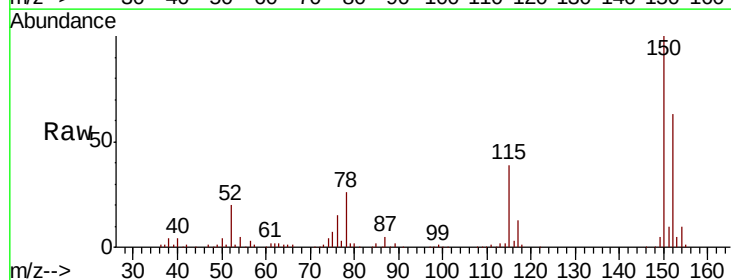
Instrument :
MSVOA_W
ClientSampled :

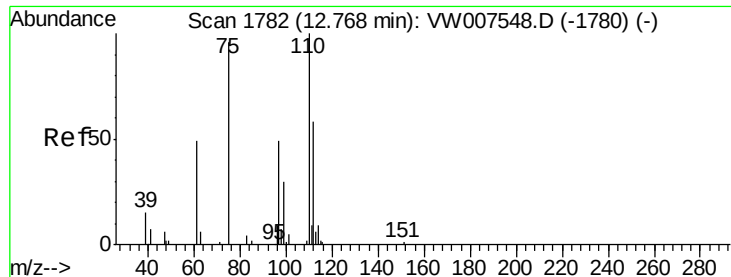
Tot Ion:117 Resp: 103791
Ion Ratio Lower Upper
117 100
82 55.2 42.3 63.5
119 32.8 23.0 34.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007624.D
Acq: 17 Dec 2018 11:56

Tgt Ion:152 Resp: 50141
Ion Ratio Lower Upper
152 100
115 62.9 31.4 94.2
150 159.6 0.0 358.4





#76

1,2,3-Trichloropropane

Concen: 67.134 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007624.D

Acq: 17 Dec 2018 11:56

Instrument :

MSVOA_W

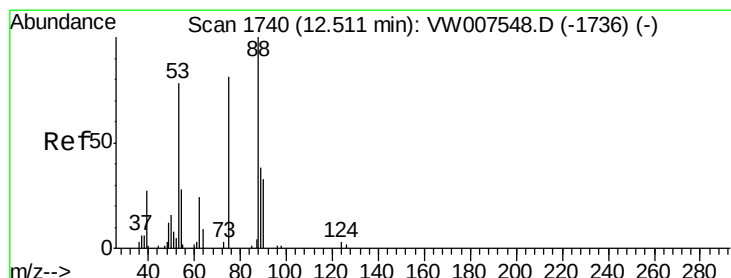
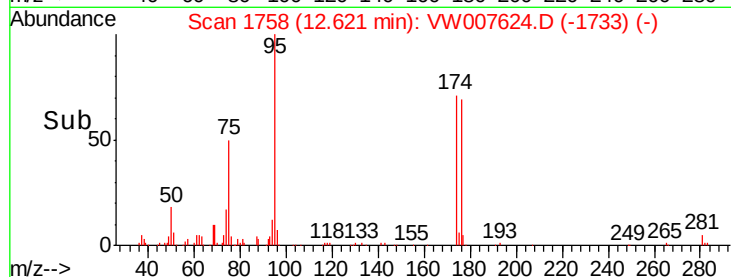
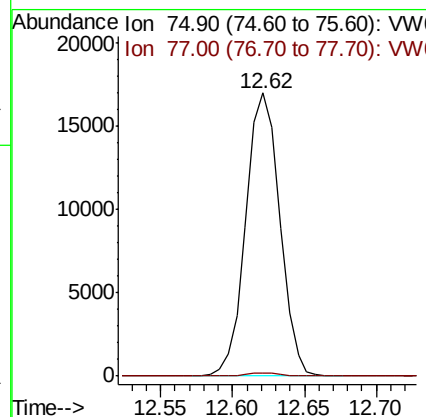
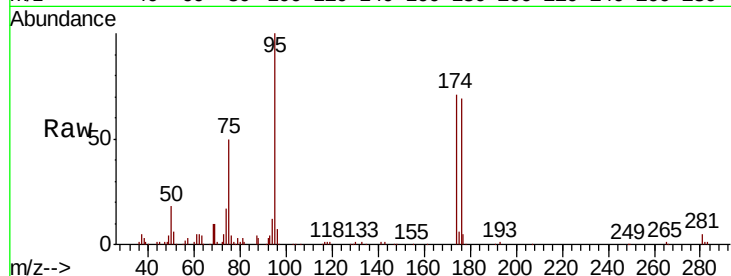
ClientSampleId :

Tot Ion: 75 Resp: 27755

Ion Ratio Lower Upper

75 100

77 1.1 166.9 500.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 148.300 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007624.D

Acq: 17 Dec 2018 11:56

Tgt Ion: 75 Resp: 27755

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#

