

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007591.D
 Acq On : 15 Dec 2018 19:10
 Operator : SY/AP
 Sample : J6378-05
 Misc : 5.87G/5ML/MSVOA_W/SOIL
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD009-0612-01

Quant Time: Dec 15 20:26:18 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	56946	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	100056	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	78936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	26869	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	42253	66.88	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	133.76%	
35) Dibromofluoromethane	7.88	113	35480	58.58	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	117.16%	
50) Toluene-d8	10.32	98	115276	50.76	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.52%	
62) 4-Bromofluorobenzene	12.62	95	34451	41.26	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	82.52%	

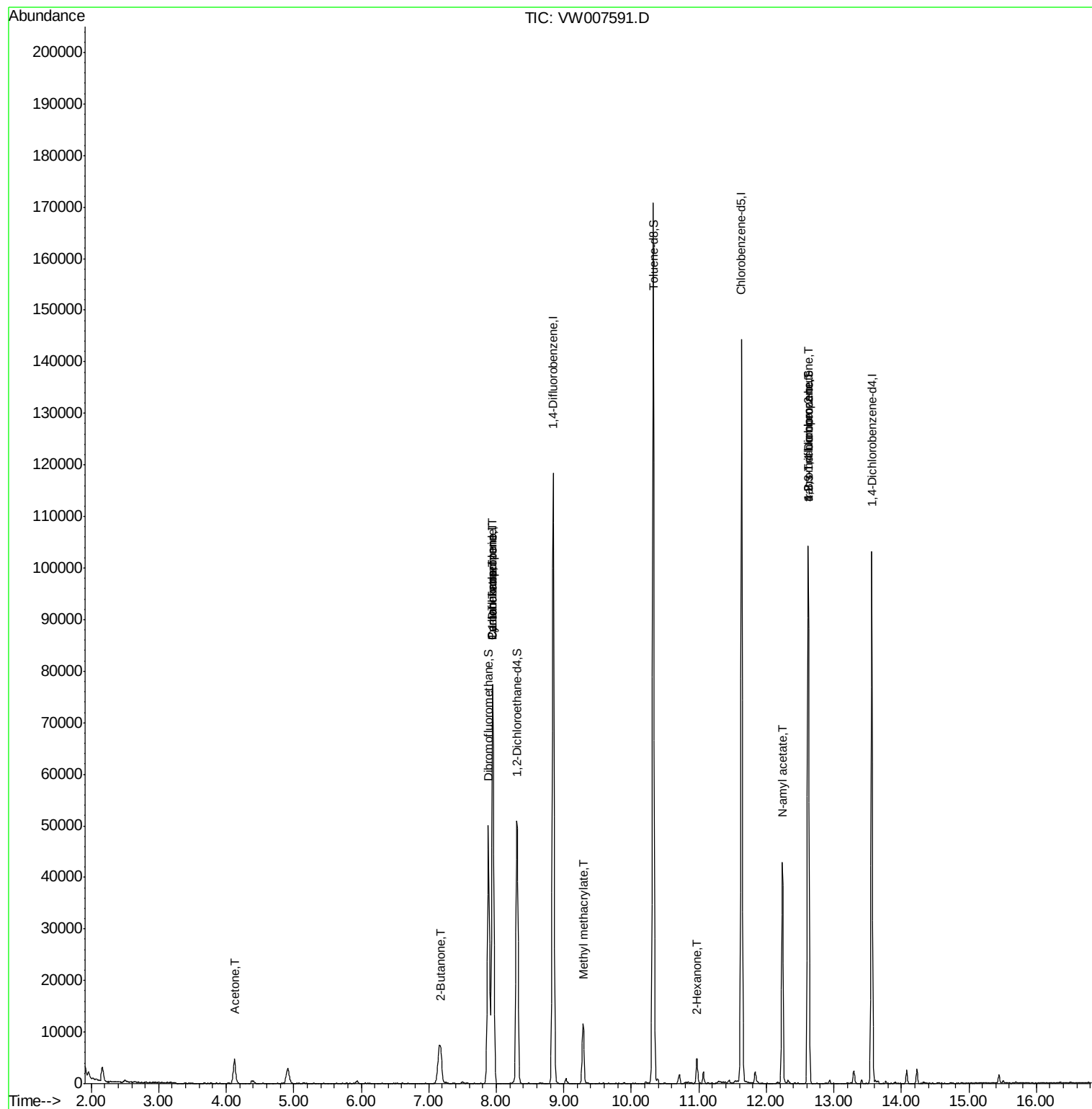
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	7636	69.197	ug/l	94
25) 2-Butanone	7.17	43	10258	71.204	ug/l	97
31) Cyclohexane	7.95	56	1232	1.255	ug/l #	12
36) 1,1-Dichloropropene	7.95	75	4459	4.885	ug/l #	51
38) Carbon Tetrachloride	7.95	117	6138	6.180	ug/l #	17
48) Methyl methacrylate	9.29	41	1851	5.375	ug/l #	45
59) 2-Hexanone	10.97	43	2793	13.220	ug/l	99
74) N-amyl acetate	12.24	43	24622	65.804	ug/l #	45
76) 1,2,3-Trichloropropane	12.62	75	17921	80.892	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	17921	178.691	ug/l #	7

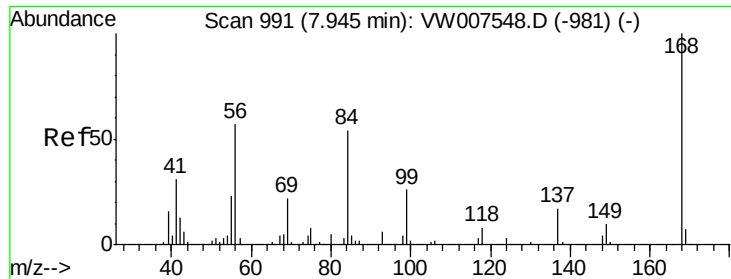
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
Data File : VW007591.D
Acq On : 15 Dec 2018 19:10
Operator : SY/AP
Sample : J6378-05
Misc : 5.87G/5ML/MSVOA_W/SOIL
ALS Vial : 77 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
P001-SD009-0612-01

Quant Time: Dec 15 20:26:18 2018
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: VW007591.D

Acq: 15 Dec 2018 19:10

Instrument :

MSVOA_W

ClientSampleId :

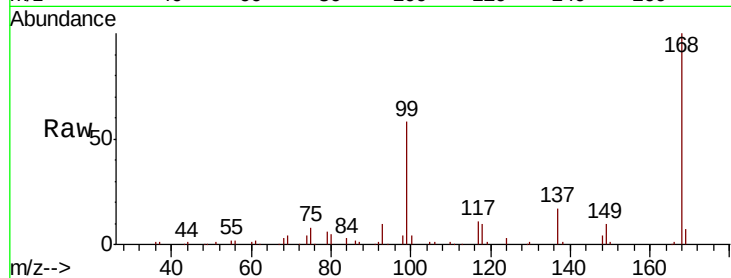
P001-SD009-0612-01

Tgt Ion:168 Resp: 56946

Ion Ratio Lower Upper

168 100

99 57.8 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

25000

20000

15000

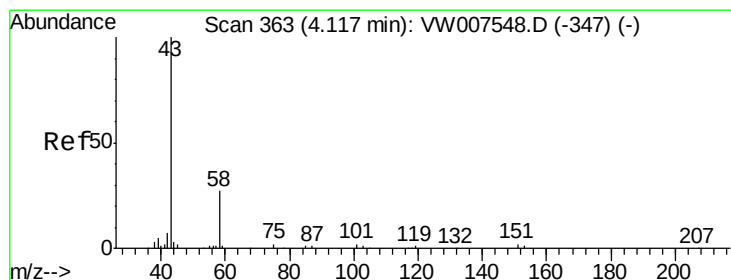
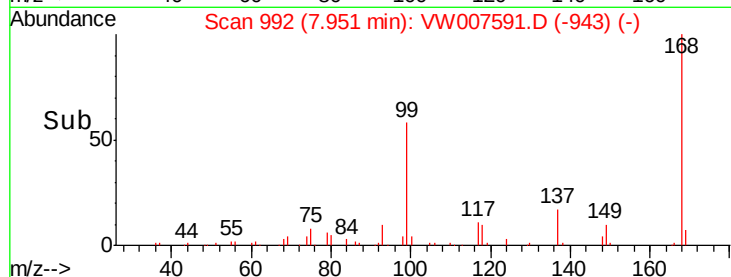
10000

5000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 69.197 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007591.D

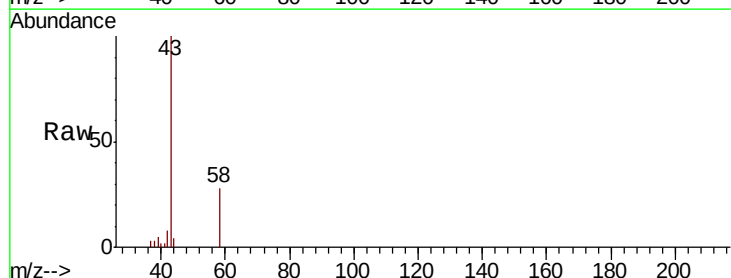
Acq: 15 Dec 2018 19:10

Tgt Ion: 43 Resp: 7636

Ion Ratio Lower Upper

43 100

58 27.9 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

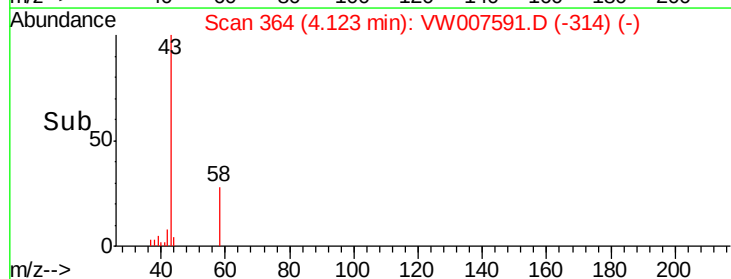
2000

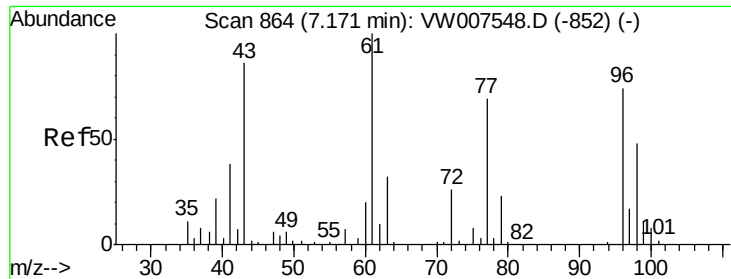
1000

0

4.00 4.05 4.10 4.15 4.20

Time-->

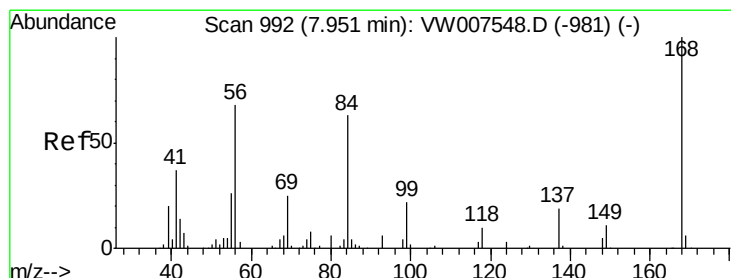
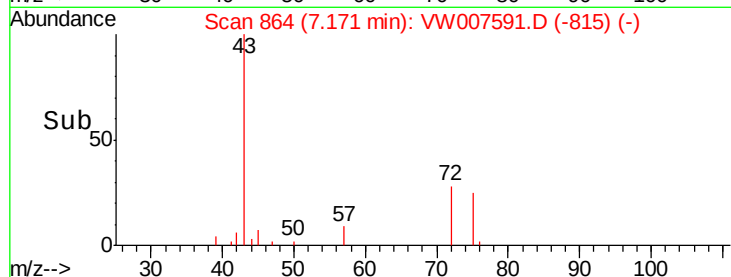
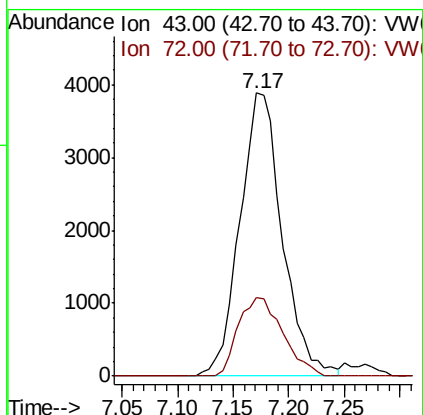
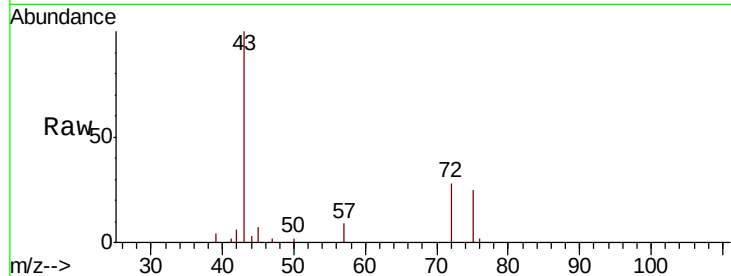




#25
2-Butanone
Concen: 71.204 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007591.D
Acq: 15 Dec 2018 19:10

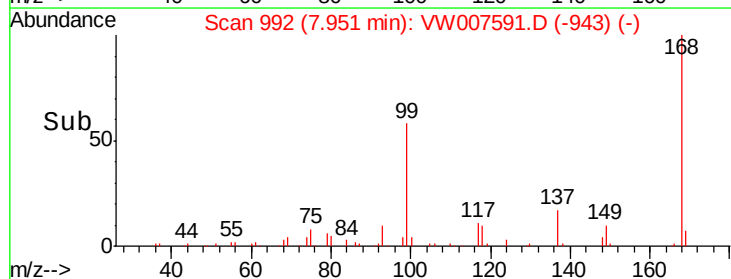
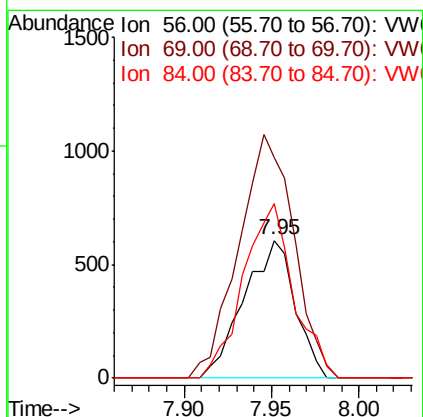
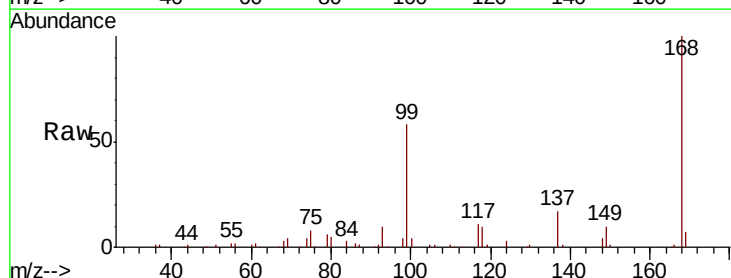
Instrument :
MSVOA_W
ClientSampleId :
P001-SD009-0612-01

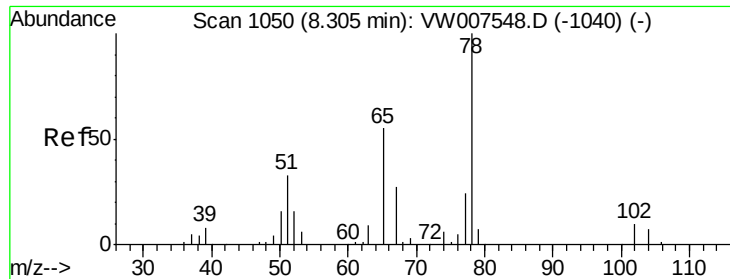
Tgt Ion: 43 Resp: 10258
Ion Ratio Lower Upper
43 100
72 27.6 23.4 35.2



#31
Cyclohexane
Concen: 1.255 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007591.D
Acq: 15 Dec 2018 19:10

Tgt Ion: 56 Resp: 1232
Ion Ratio Lower Upper
56 100
69 160.1 28.9 43.3#
84 126.4 71.8 107.6#

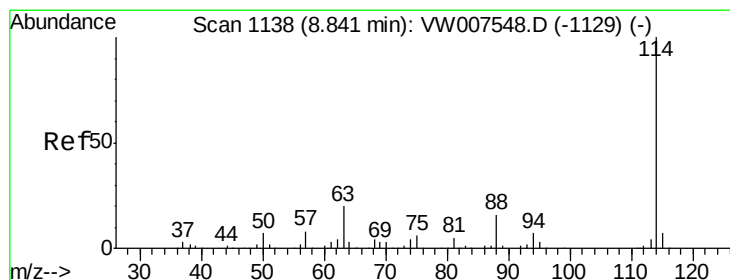
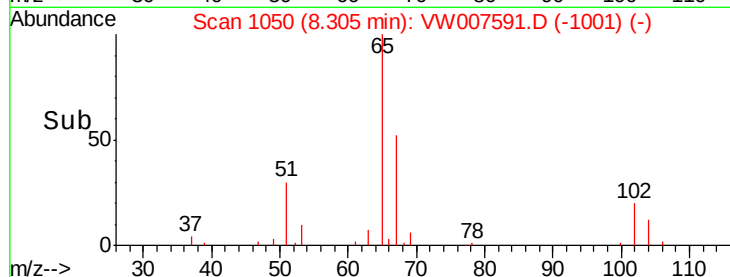
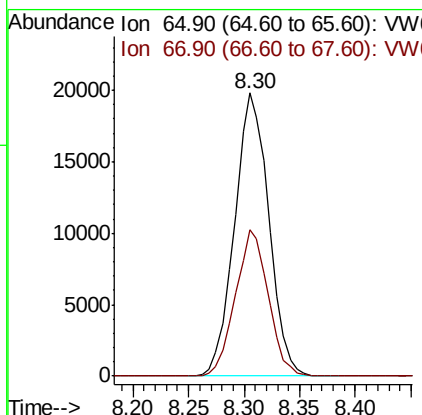
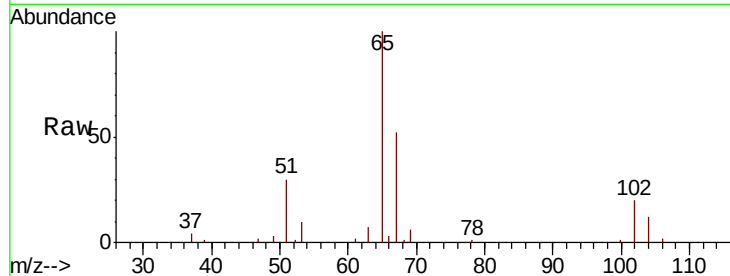




#33
 1,2-Dichloroethane-d4
 Concen: 66.880 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007591.D
 Acq: 15 Dec 2018 19:10

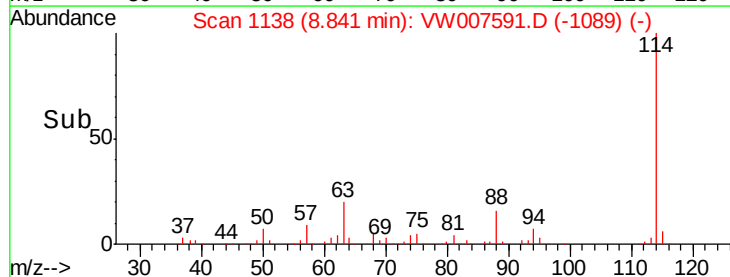
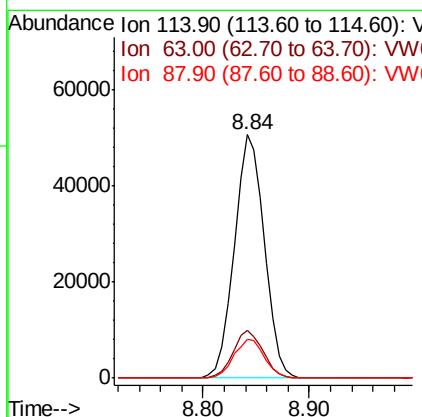
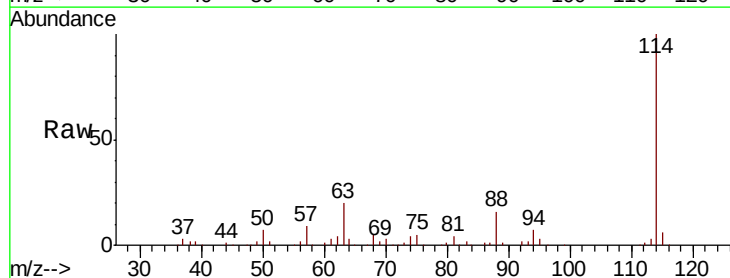
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD009-0612-01

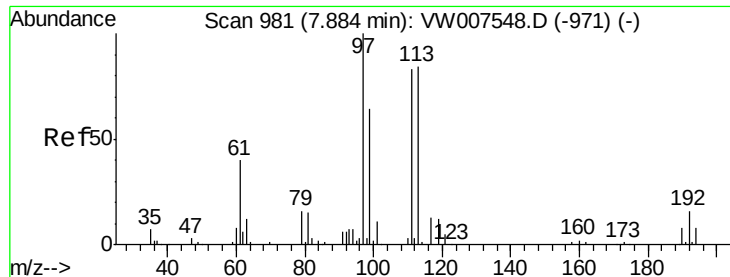
Tgt Ion: 65 Resp: 42253
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007591.D
 Acq: 15 Dec 2018 19:10

Tgt Ion: 114 Resp: 100056
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.6
 88 16.1 0.0 31.4

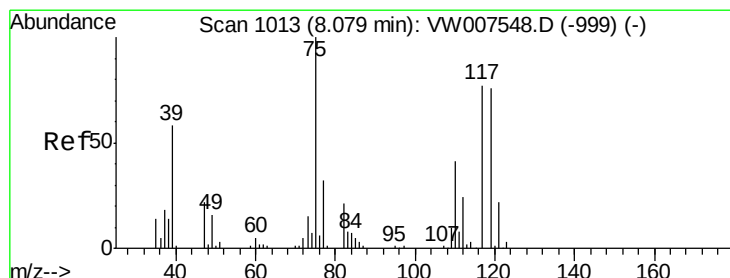
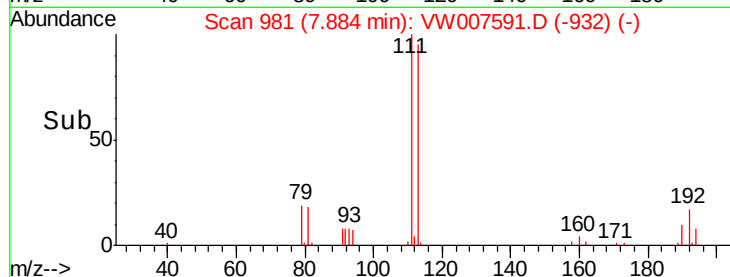
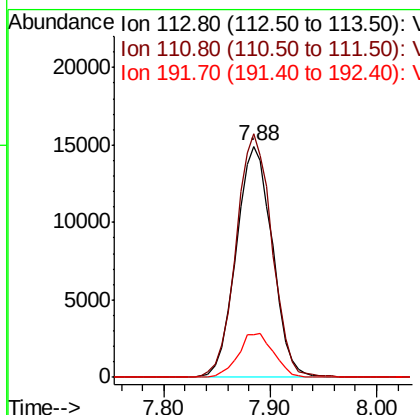
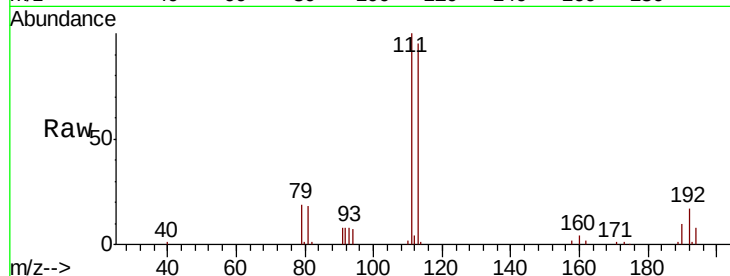




#35
 Dibromofluoromethane
 Concen: 58.579 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007591.D
 Acq: 15 Dec 2018 19:10

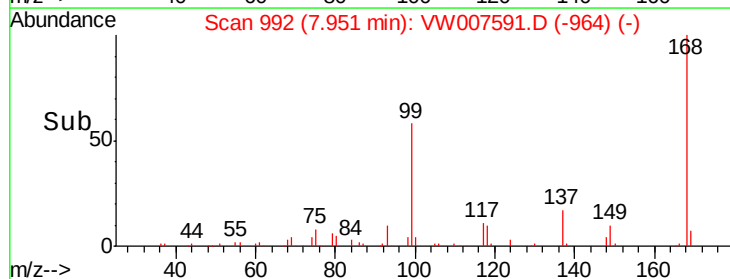
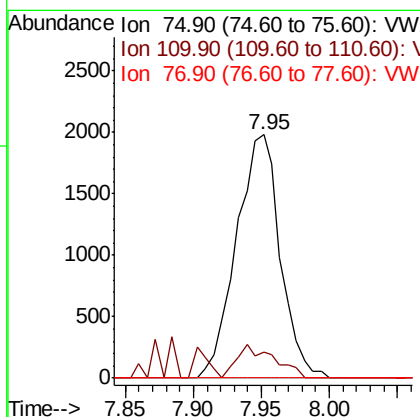
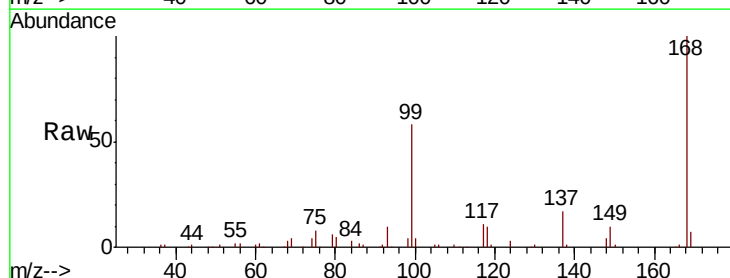
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD009-0612-01

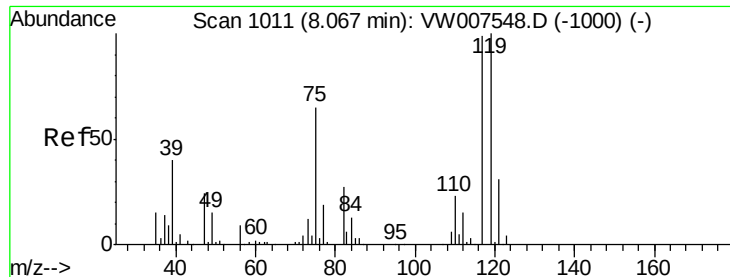
Tgt Ion: 113 Resp: 35480
 Ion Ratio Lower Upper
 113 100
 111 104.7 81.1 121.7
 192 18.5 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 4.885 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007591.D
 Acq: 15 Dec 2018 19:10

Tgt Ion: 75 Resp: 4459
 Ion Ratio Lower Upper
 75 100
 110 11.7 18.5 55.5#
 77 0.0 25.6 38.4#





#38

Carbon Tetrachloride

Concen: 6.180 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW007591.D

Acq: 15 Dec 2018 19:10

Instrument :

MSVOA_W

ClientSampleId :

P001-SD009-0612-01

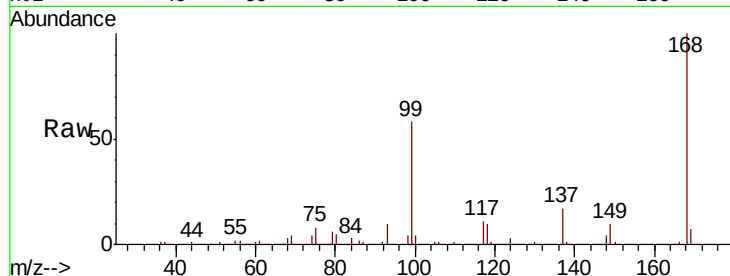
Tgt Ion: 117 Resp: 6138

Ion Ratio Lower Upper

117 100

119 5.0 74.3 111.5#

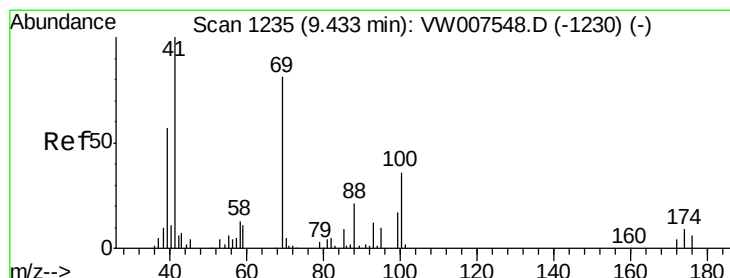
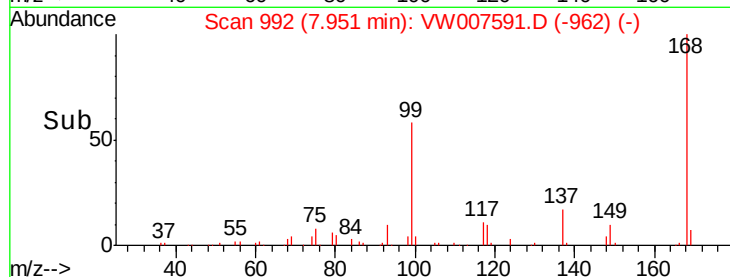
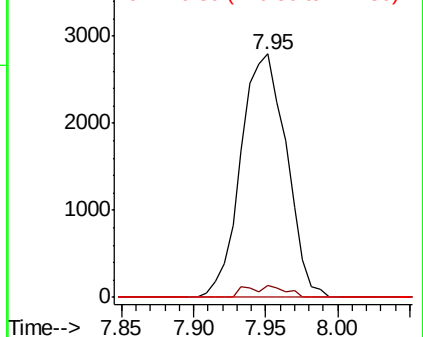
121 0.0 24.3 36.5#



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



#48

Methyl methacrylate

Concen: 5.375 ug/l

RT: 9.29 min Scan# 1211

Delta R.T. -0.15 min

Lab File: VW007591.D

Acq: 15 Dec 2018 19:10

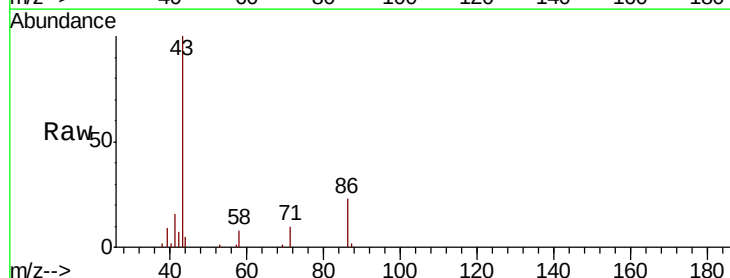
Tgt Ion: 41 Resp: 1851

Ion Ratio Lower Upper

41 100

69 2.3 69.8 104.8#

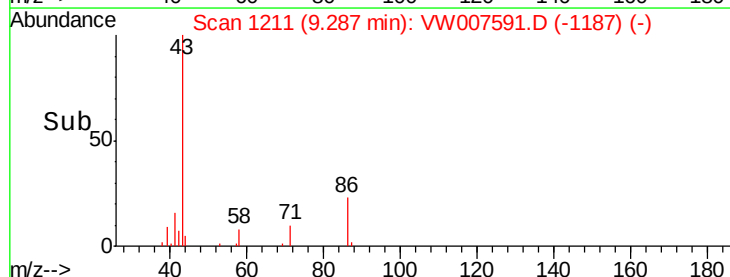
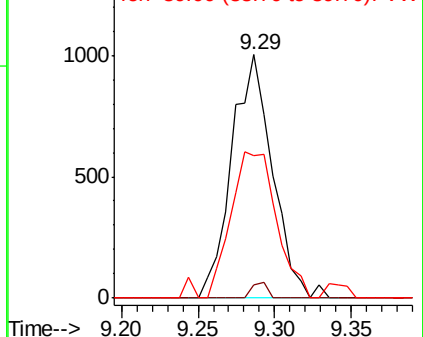
39 67.4 50.9 76.3

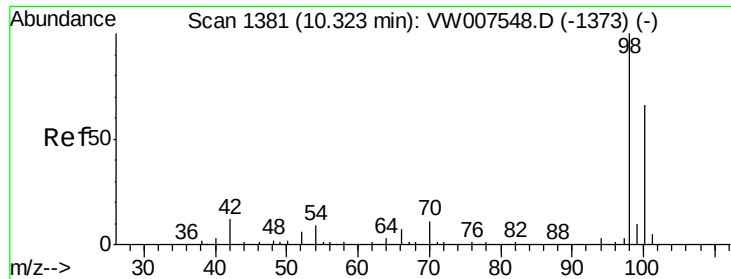


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

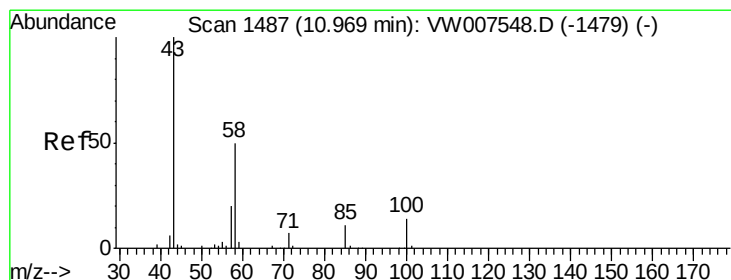
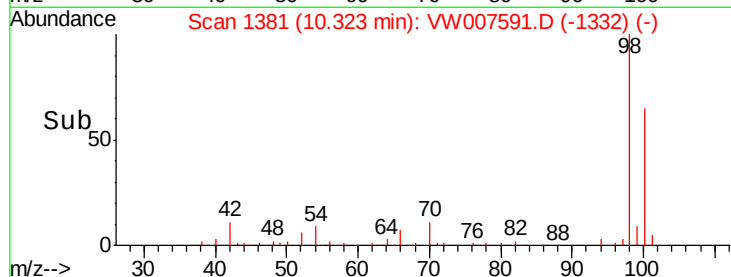
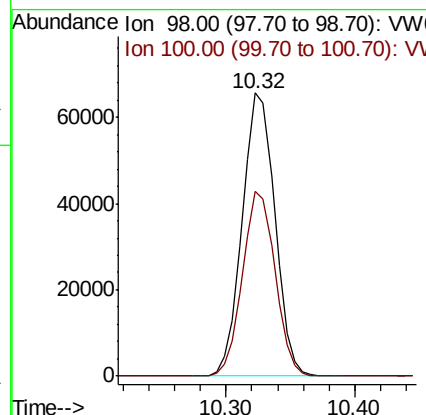
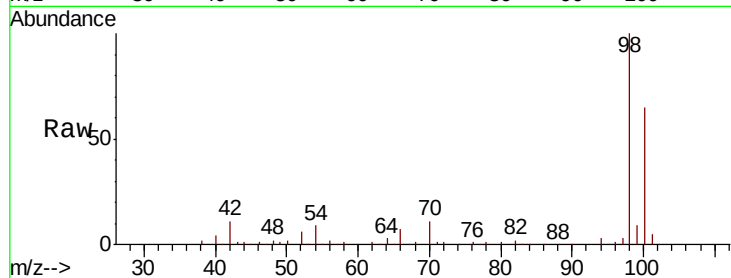




#50
Toluene-d8
Concen: 50.761 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007591.D
Acq: 15 Dec 2018 19:10

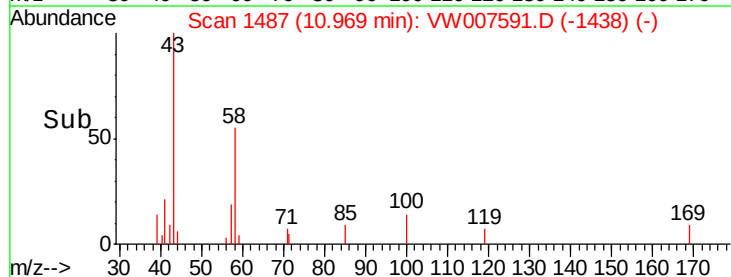
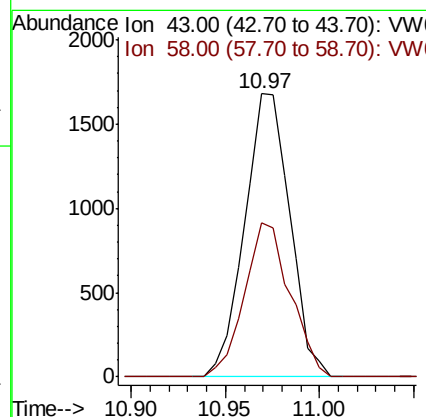
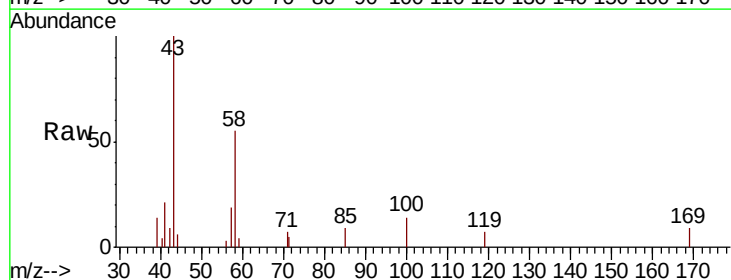
Instrument :
MSVOA_W
ClientSampleId :
P001-SD009-0612-01

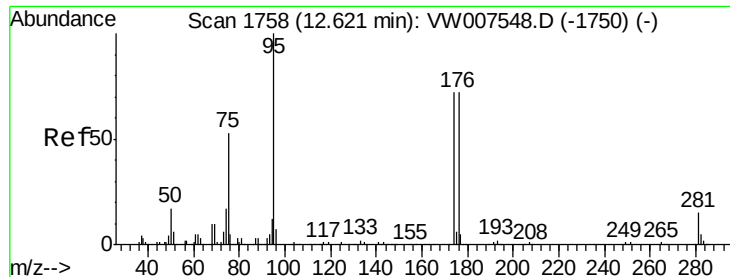
Tgt Ion: 98 Resp: 115276
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.8



#59
2-Hexanone
Concen: 13.220 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007591.D
Acq: 15 Dec 2018 19:10

Tgt Ion: 43 Resp: 2793
Ion Ratio Lower Upper
43 100
58 55.2 27.1 81.3

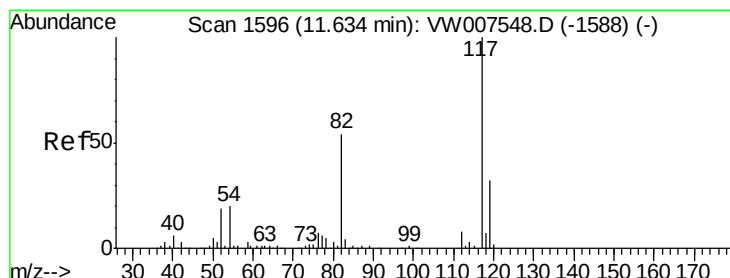
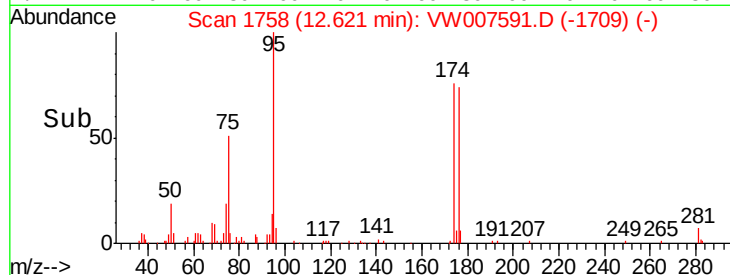
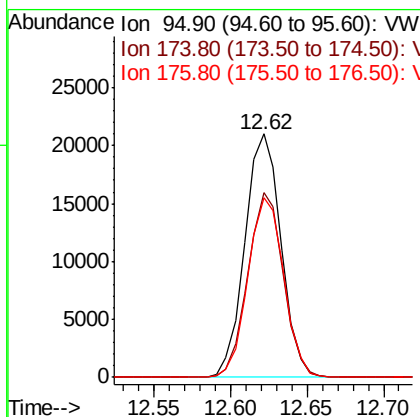
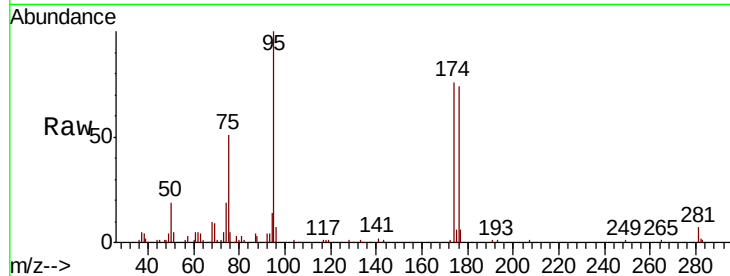




#62
4-Bromofluorobenzene
Concen: 41.260 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007591.D
Acq: 15 Dec 2018 19:10

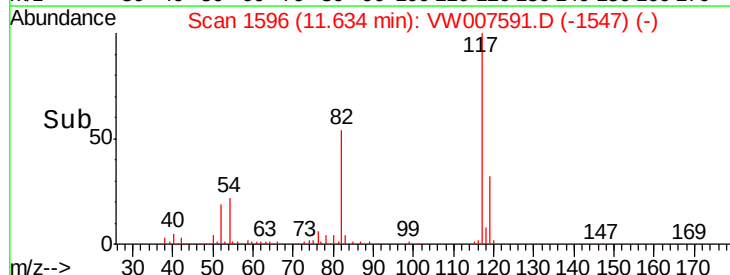
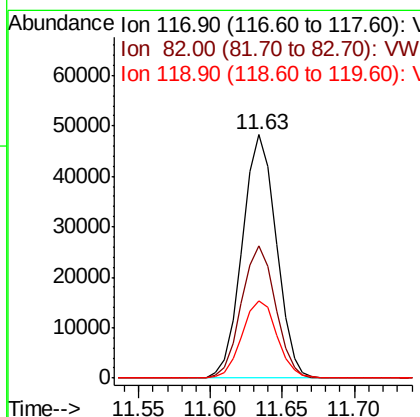
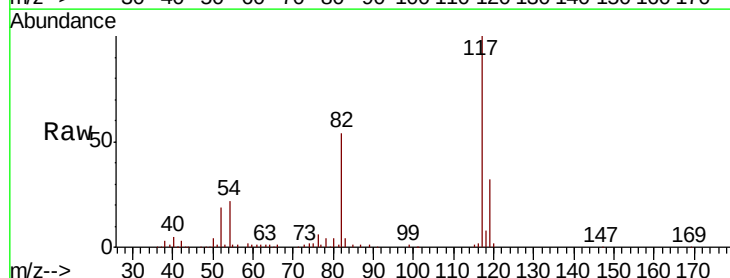
Instrument :
MSVOA_W
ClientSampleId :
P001-SD009-0612-01

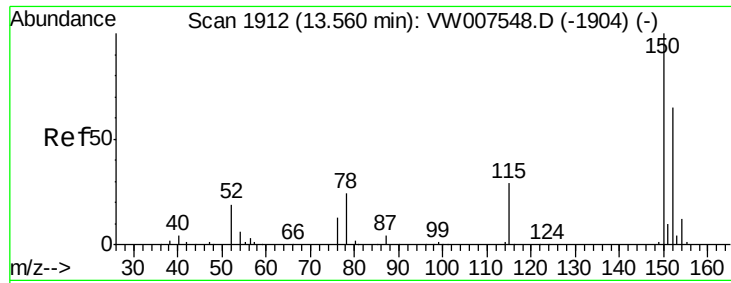
Tgt Ion: 95 Resp: 34451
Ion Ratio Lower Upper
95 100
174 74.7 0.0 147.2
176 73.6 0.0 138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007591.D
Acq: 15 Dec 2018 19:10

Tgt Ion: 117 Resp: 78936
Ion Ratio Lower Upper
117 100
82 54.3 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: VW007591.D

Acq: 15 Dec 2018 19:10

Instrument :

MSVOA_W

ClientSampleId :

P001-SD009-0612-01

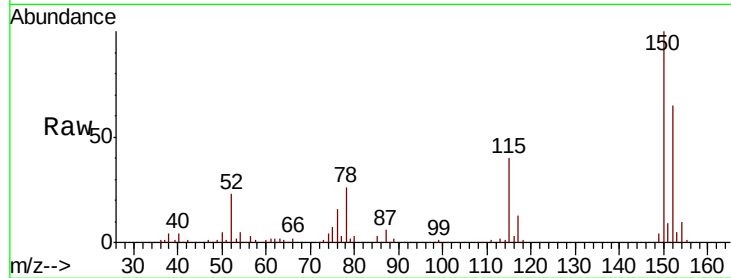
Tgt Ion:152 Resp: 26869

Ion Ratio Lower Upper

152 100

115 61.0 31.4 94.2

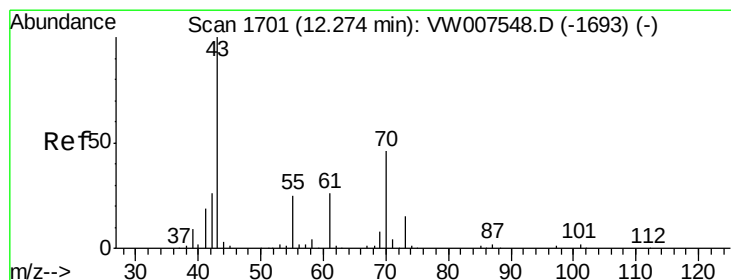
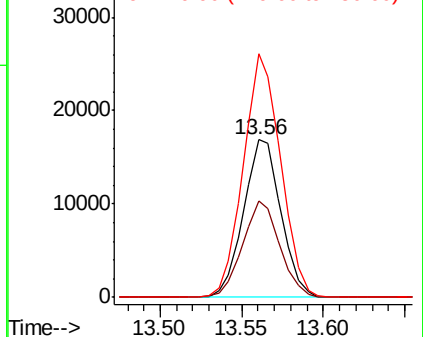
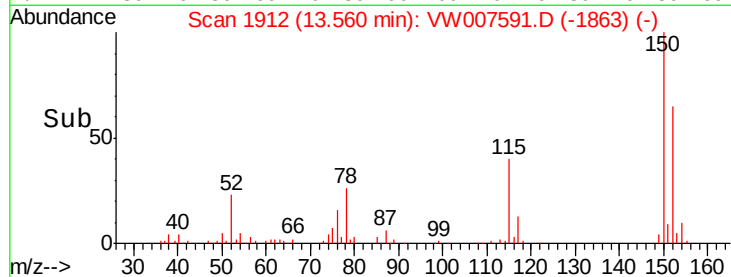
150 154.3 0.0 358.4



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



#74

N-ethyl acetate

Concen: 65.804 ug/l

RT: 12.24 min Scan# 1695

Delta R.T. -0.04 min

Lab File: VW007591.D

Acq: 15 Dec 2018 19:10

Tgt Ion: 43 Resp: 24622

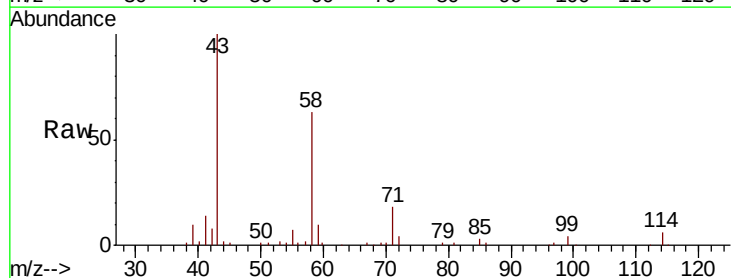
Ion Ratio Lower Upper

43 100

70 0.6 36.5 54.7#

55 7.2 20.1 30.1#

61 0.0 19.3 28.9#

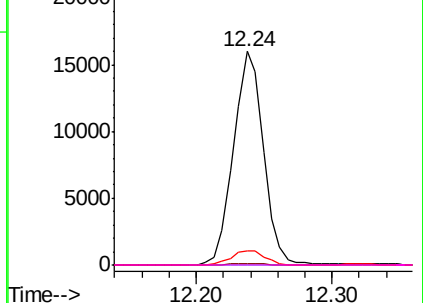
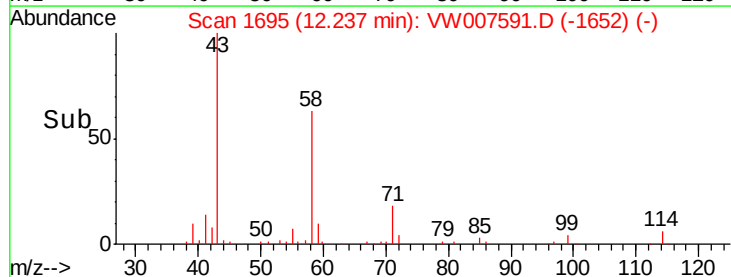


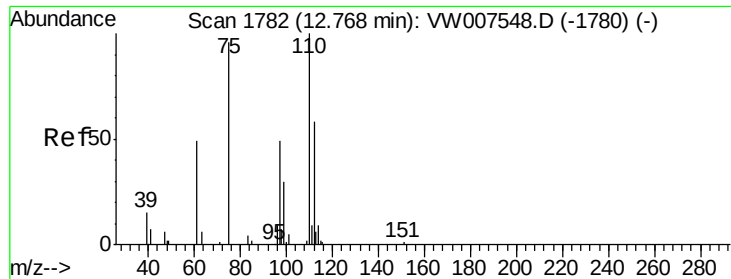
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 80.892 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007591.D

Acq: 15 Dec 2018 19:10

Instrument :

MSVOA_W

ClientSampleId :

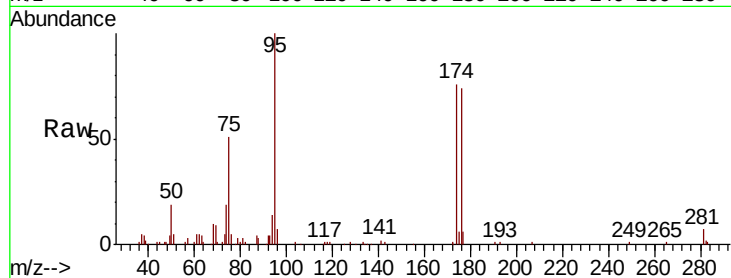
P001-SD009-0612-01

Tgt Ion: 75 Resp: 17921

Ion Ratio Lower Upper

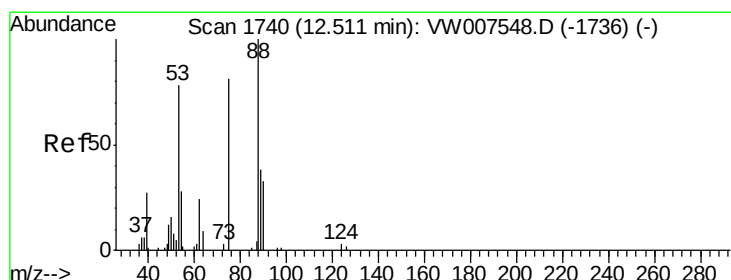
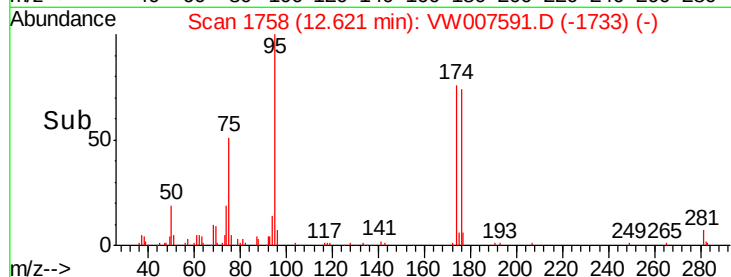
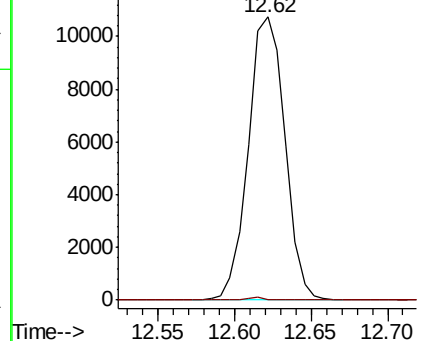
75 100

77 0.4 166.9 500.8#



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: 178.691 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007591.D

Acq: 15 Dec 2018 19:10

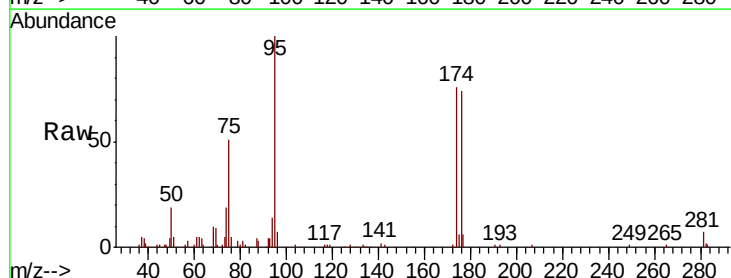
Tgt Ion: 75 Resp: 17921

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

