

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062718\
 Data File : VW003620.D
 Acq On : 27 Jun 2018 18:06
 Operator : SY/AP
 Sample : J3688-02RE
 Misc : 5.84G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 28 05:33:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	129943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	224156	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	173415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	51487	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	66293	47.10	ug/l	0.00
Spiked Amount			Recovery	=	94.20%	
35) Dibromofluoromethane	7.88	113	60308	43.30	ug/l	0.00
Spiked Amount			Recovery	=	86.60%	
50) Toluene-d8	10.33	98	172412	31.22	ug/l	0.00
Spiked Amount			Recovery	=	62.44%	
62) 4-Bromofluorobenzene	12.63	95	42886	21.94	ug/l	0.00
Spiked Amount			Recovery	=	43.88%	

Target Compounds

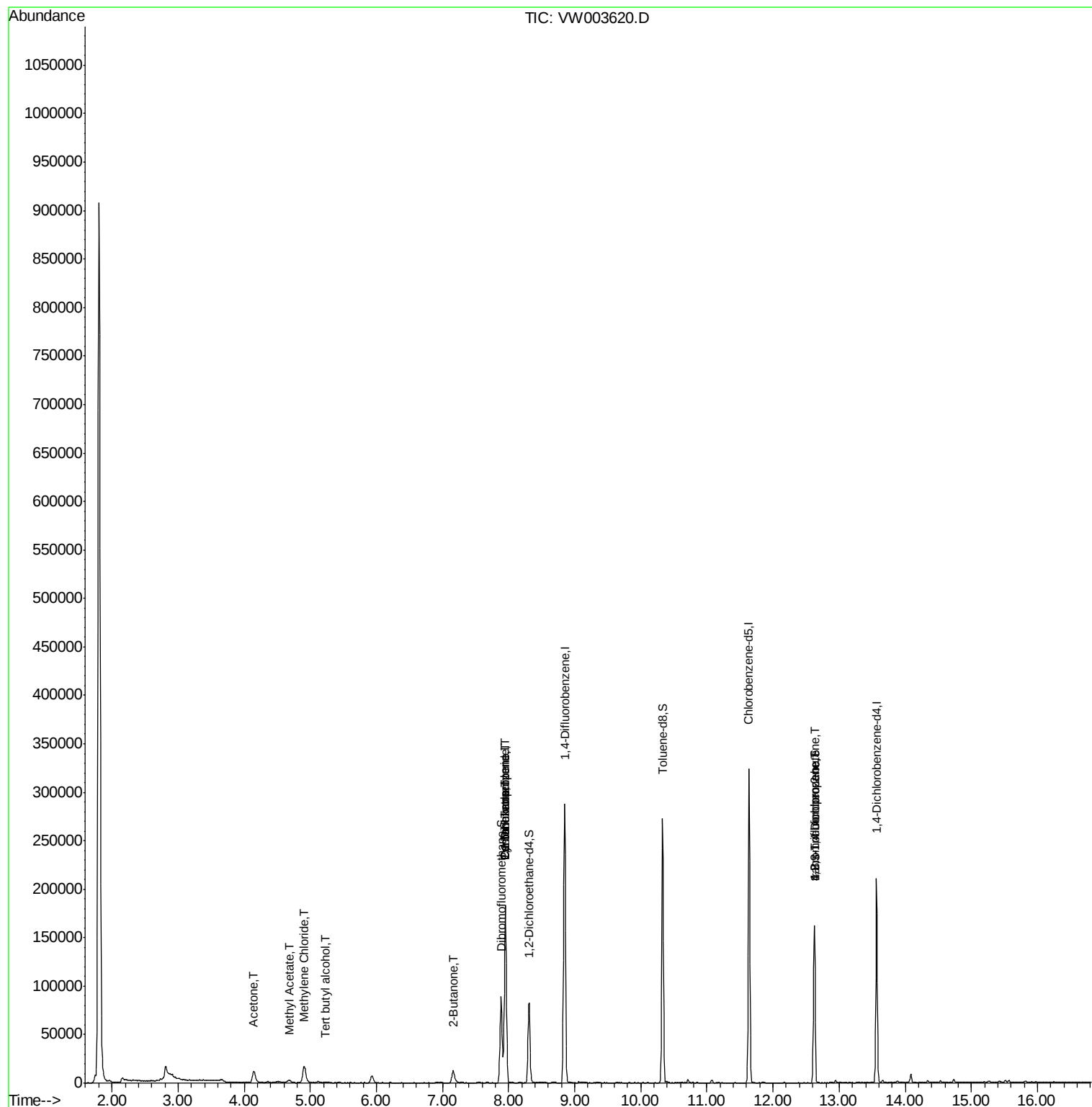
					Qvalue	
11) Tert butyl alcohol	5.23	59	414	5.485	ug/l #	84
16) Acetone	4.15	43	24246	82.137	ug/l	96
18) Methyl Acetate	4.68	43	5670	8.097	ug/l	97
20) Methylene Chloride	4.91	84	13198	7.397	ug/l #	88
25) 2-Butanone	7.17	43	1279	3.484	ug/l	94
31) Cyclohexane	7.95	56	3510	1.543	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	11304	5.222	ug/l #	50
38) Carbon Tetrachloride	7.95	117	13353	6.288	ug/l #	17
76) 1,2,3-Trichloropropane	12.63	75	23456	53.290	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	23456	122.624	ug/l #	9

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003620.D

Acq: 27 Jun 2018 18:06

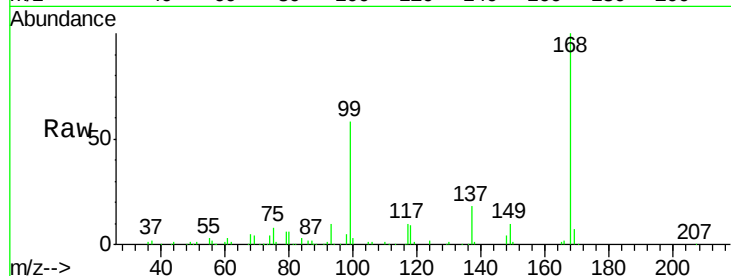
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 129943

Ion Ratio Lower Upper

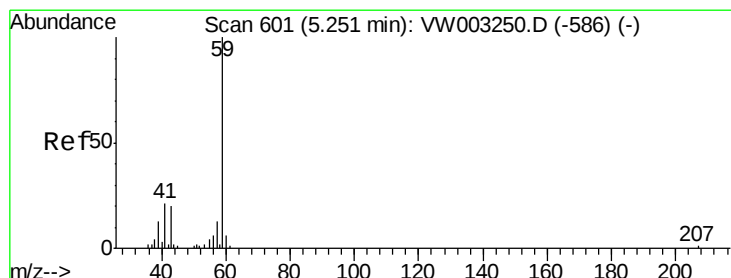
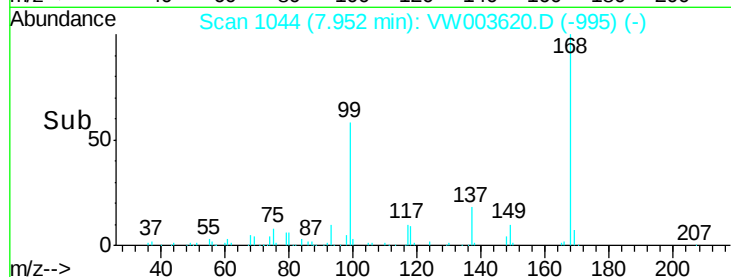
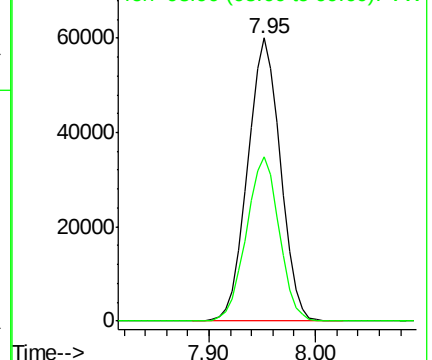
168 100

99 57.9 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 5.485 ug/l

RT: 5.23 min Scan# 598

Delta R.T. -0.02 min

Lab File: VW003620.D

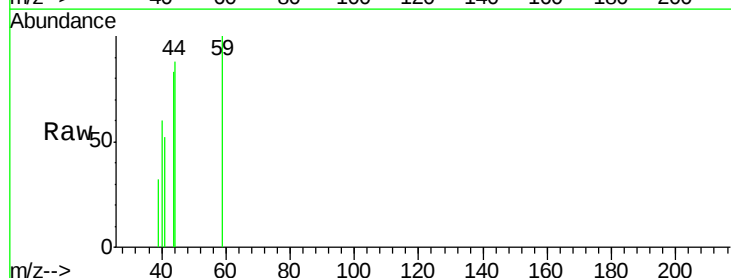
Acq: 27 Jun 2018 18:06

Tgt Ion: 59 Resp: 414

Ion Ratio Lower Upper

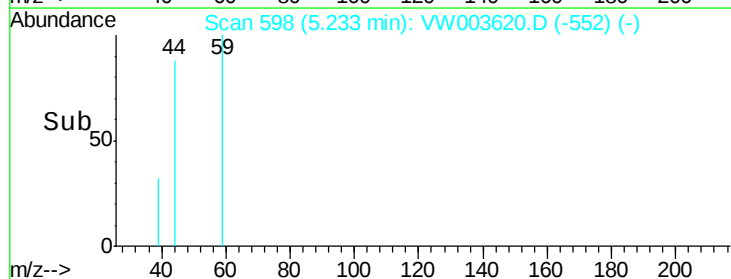
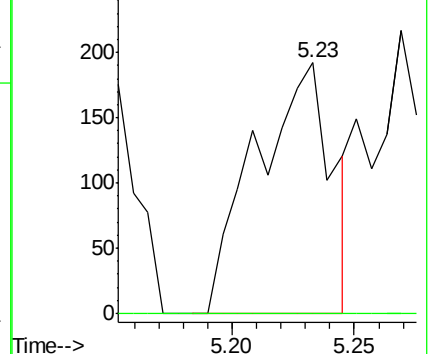
59 100

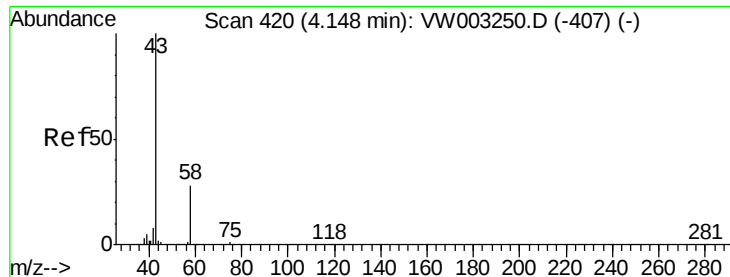
57 0.0 4.2 6.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 82.137 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003620.D

Acq: 27 Jun 2018 18:06

Instrument :

MSVOA_W

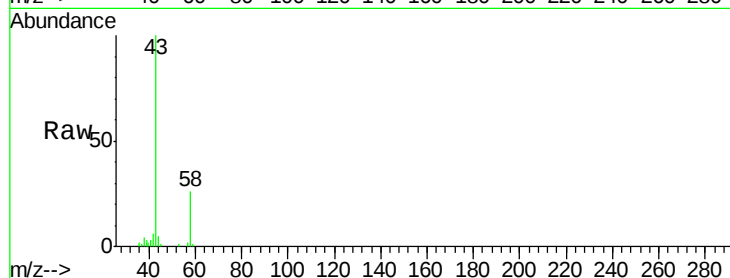
ClientSampled :

Tot Ion: 43 Resp: 24246

Ion Ratio Lower Upper

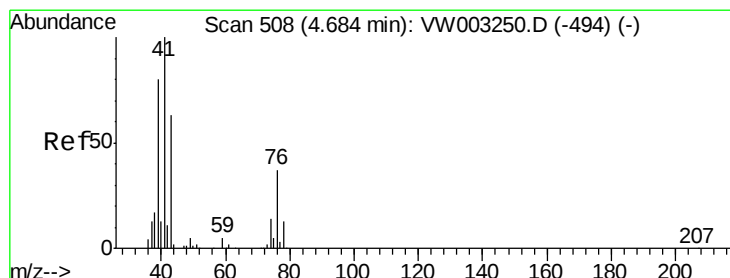
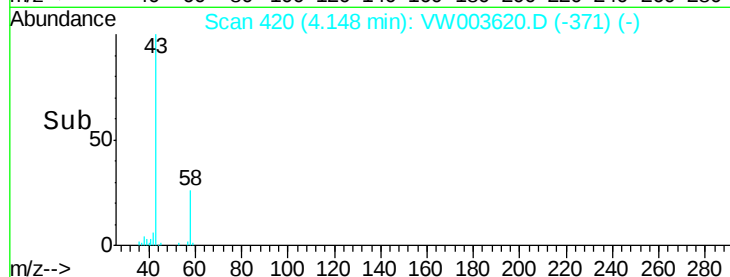
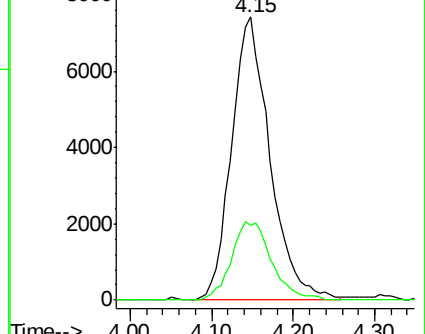
43 100

58 26.4 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#18

Methyl Acetate

Concen: 8.097 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW003620.D

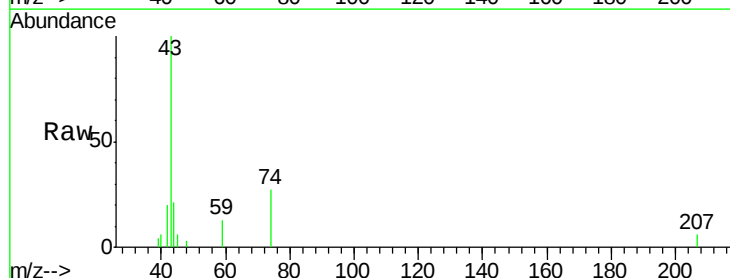
Acq: 27 Jun 2018 18:06

Tgt Ion: 43 Resp: 5670

Ion Ratio Lower Upper

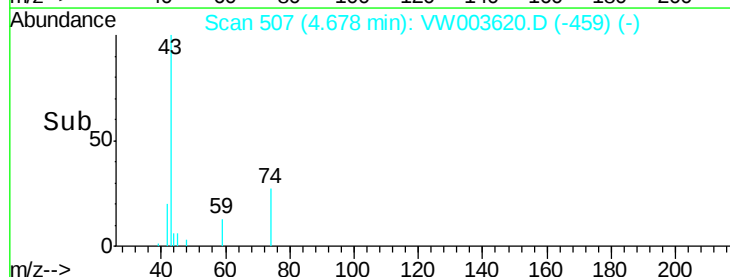
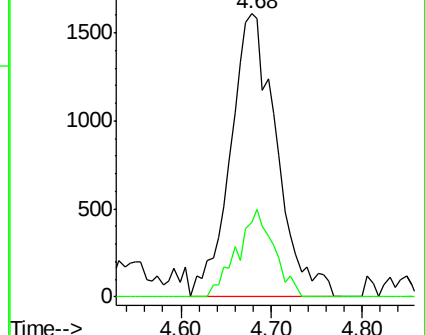
43 100

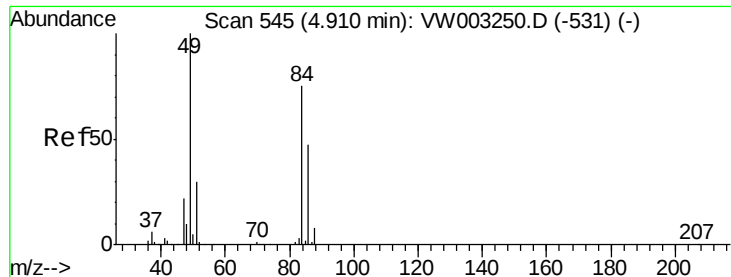
74 24.7 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

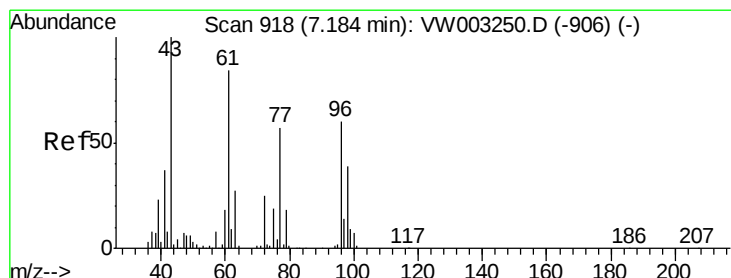
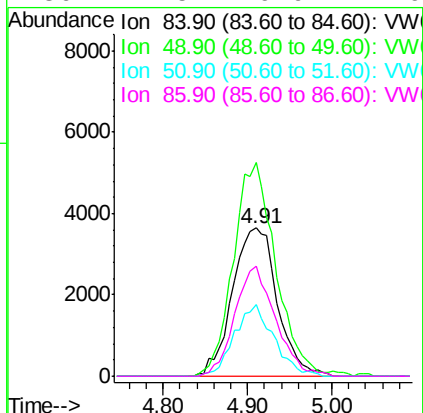
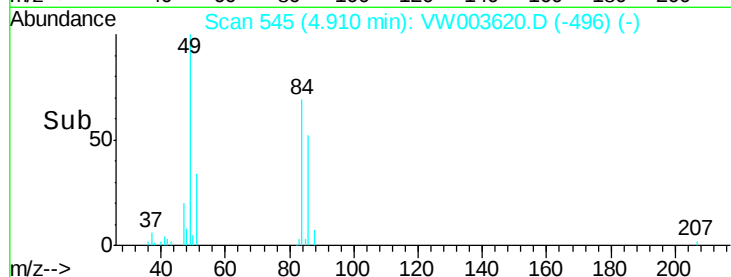
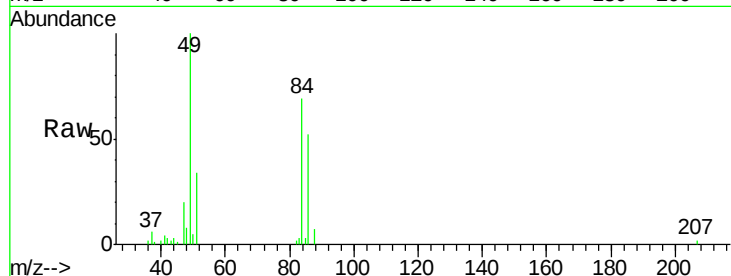




#20
Methvlene Chloride
Concen: 7.397 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003620.D
Acq: 27 Jun 2018 18:06

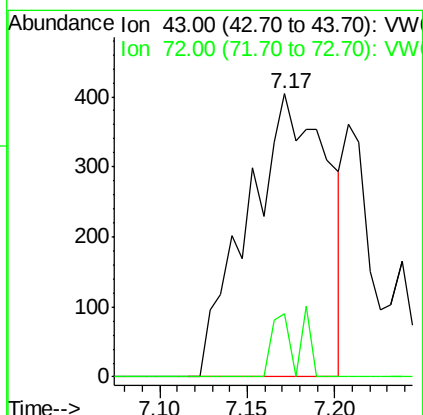
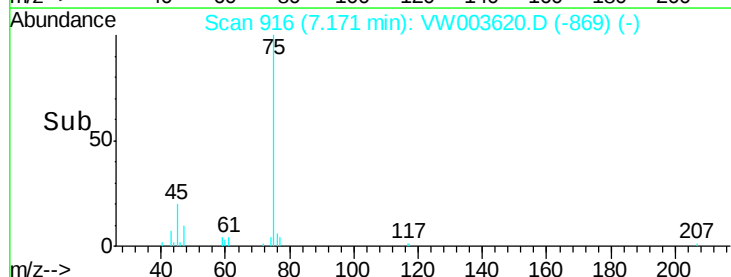
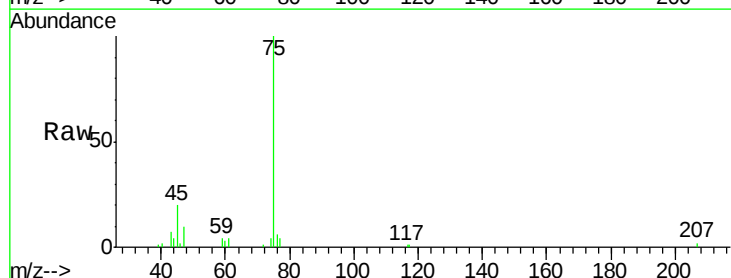
Instrument :
MSVOA_W
ClientSampleId :

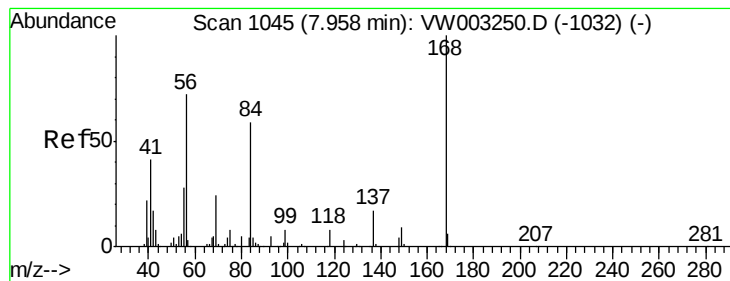
Tot Ion	84	Resp	13198
Ion Ratio	Lower	Upper	
84	100		
49	144.0	106.3	159.5
51	48.7	32.0	48.0#
86	74.5	49.9	74.9



#25
2-Butanone
Concen: 3.484 ug/l
RT: 7.17 min Scan# 916
Delta R.T. -0.01 min
Lab File: VW003620.D
Acq: 27 Jun 2018 18:06

Tgt Ion	43	Resp	1279
Ion Ratio	Lower	Upper	
43	100		
72	22.3	20.3	30.5





#31

Cyclohexane

Concen: 1.543 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW003620.D

Acq: 27 Jun 2018 18:06

Instrument :

MSVOA_W

ClientSampled :

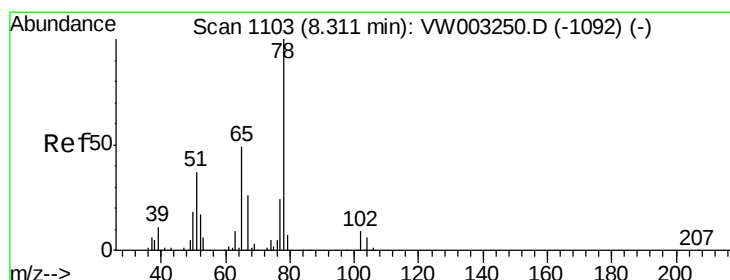
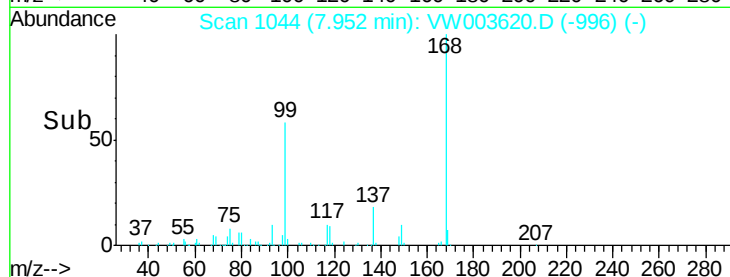
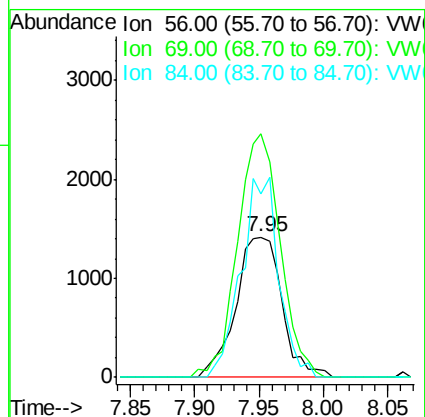
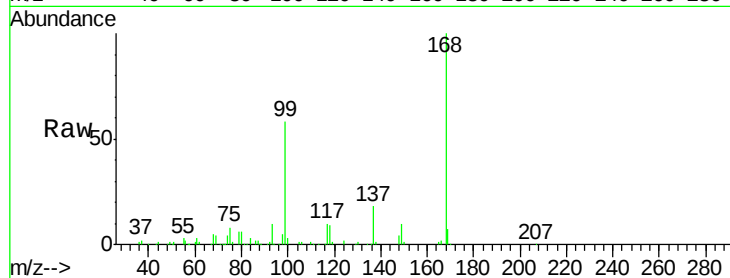
Tot Ion: 56 Resp: 3510

Ion Ratio Lower Upper

56 100

69 173.8 26.3 39.5#

84 130.7 65.7 98.5#



#33

1,2-Dichloroethane-d4

Concen: 47.100 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.01 min

Lab File: VW003620.D

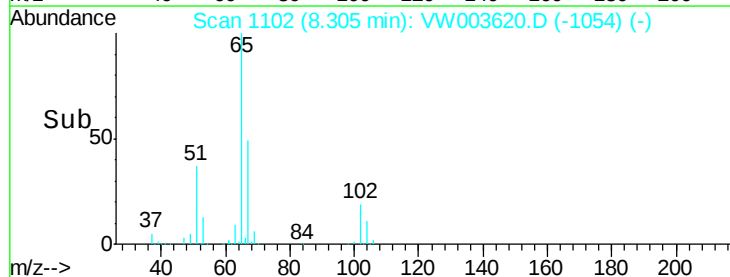
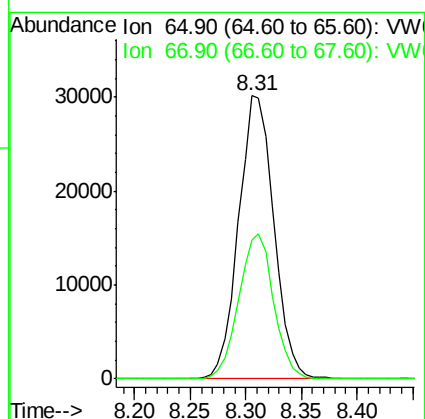
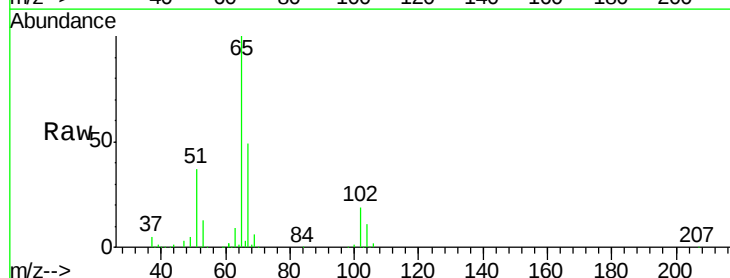
Acq: 27 Jun 2018 18:06

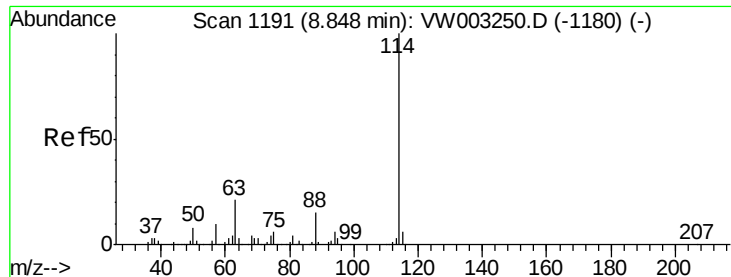
Tgt Ion: 65 Resp: 66293

Ion Ratio Lower Upper

65 100

67 50.3 0.0 104.2

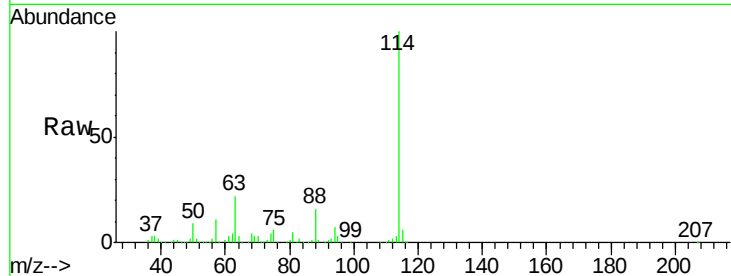




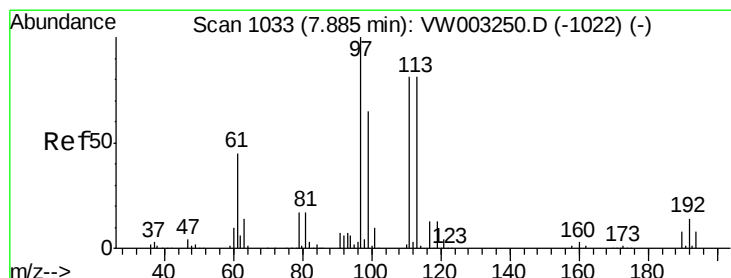
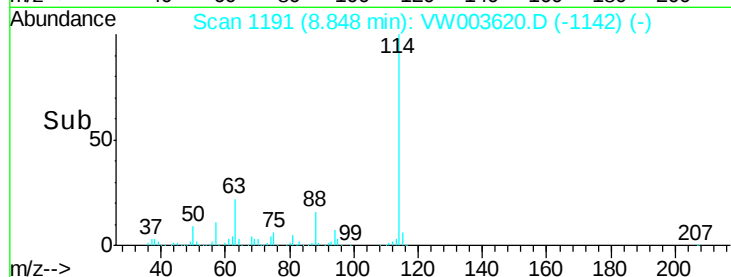
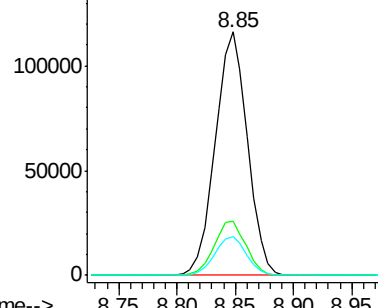
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003620.D
 Acq: 27 Jun 2018 18:06

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	43.0
88	15.7	0.0	29.6

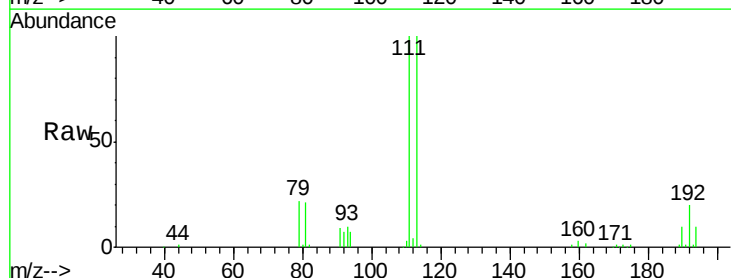


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

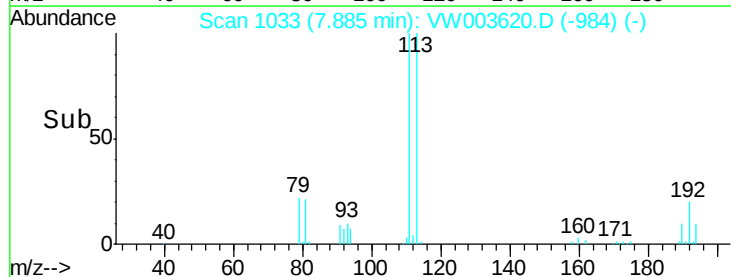
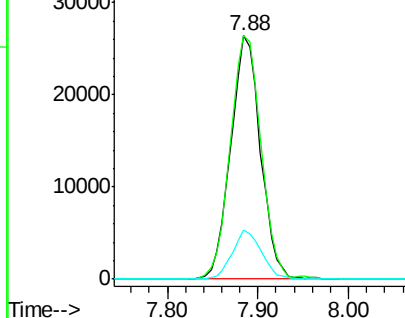


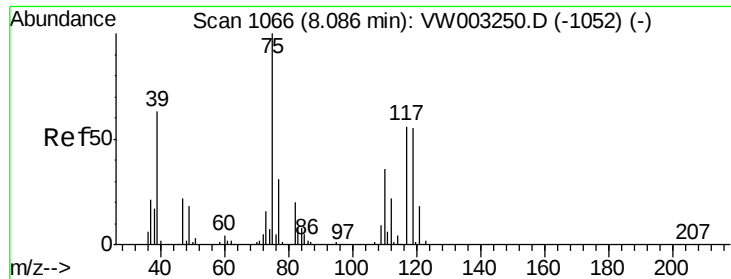
#35
 Dibromofluoromethane
 Concen: 43.299 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003620.D
 Acq: 27 Jun 2018 18:06

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.2	123.2
192	19.6	16.2	24.2



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: 5.222 ug/l

RT: 7.95 min Scan# 1043

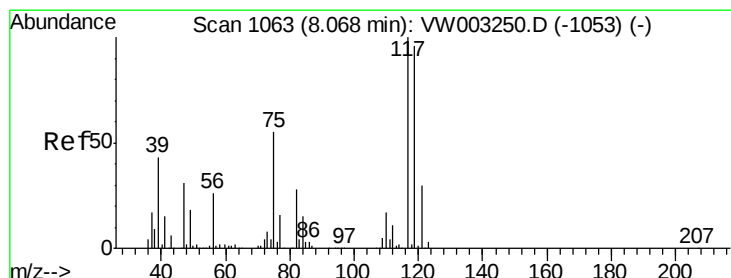
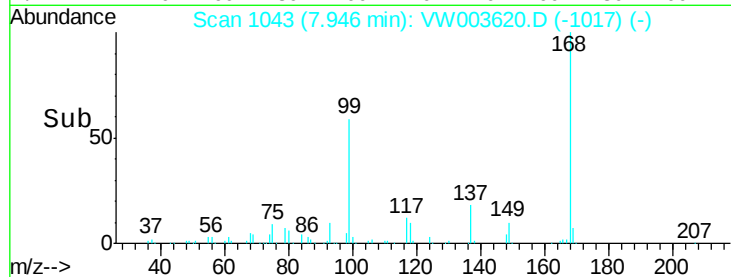
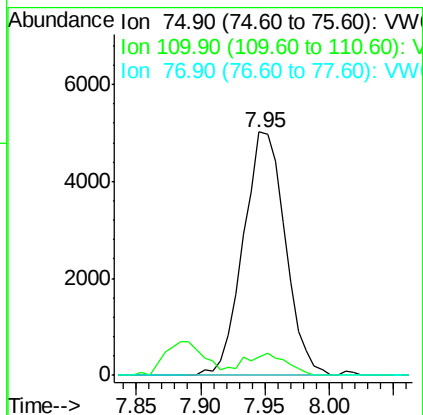
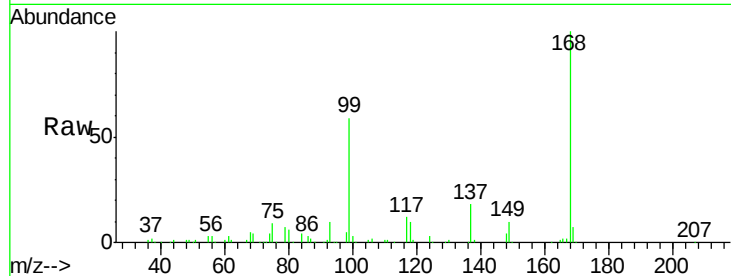
Delta R.T. -0.14 min

Lab File: VW003620.D

Acq: 27 Jun 2018 18:06

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 75 Resp: 11304
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.3#
77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 6.288 ug/l

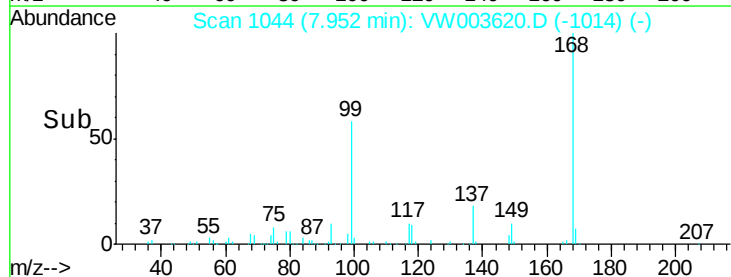
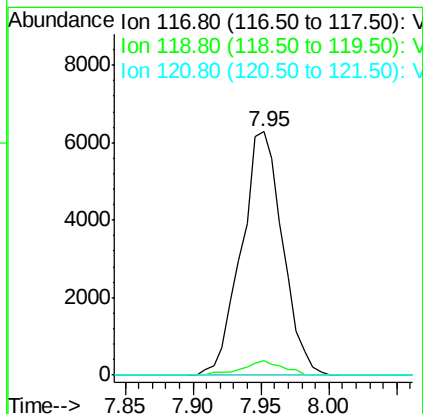
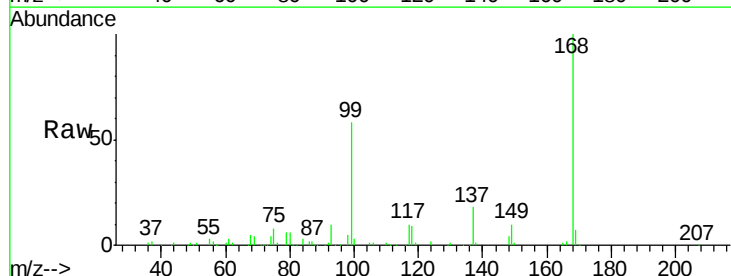
RT: 7.95 min Scan# 1044

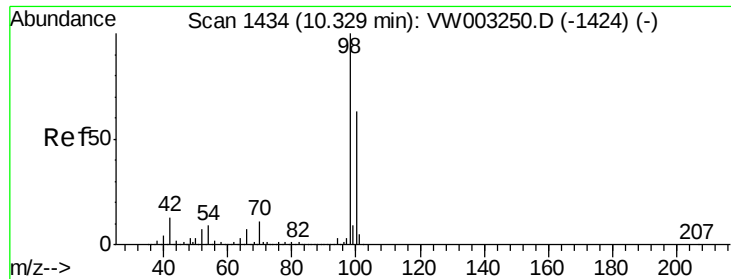
Delta R.T. -0.12 min

Lab File: VW003620.D

Acq: 27 Jun 2018 18:06

Tgt Ion: 117 Resp: 13353
Ion Ratio Lower Upper
117 100
119 6.0 76.6 115.0#
121 0.0 23.9 35.9#





#50

Toluene-d8

Concen: 31.218 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003620.D

Acq: 27 Jun 2018 18:06

Instrument :

MSVOA_W

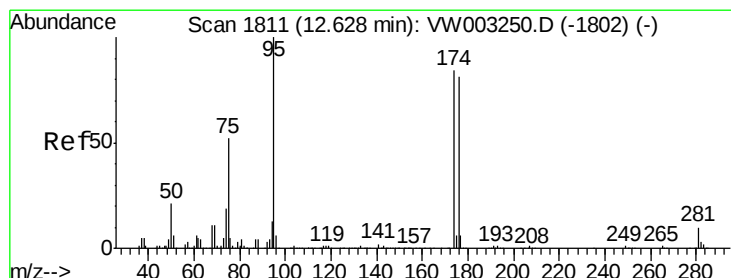
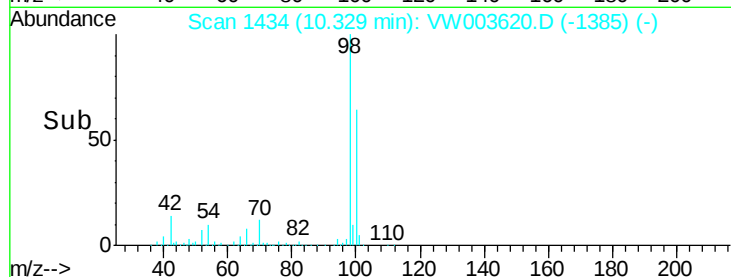
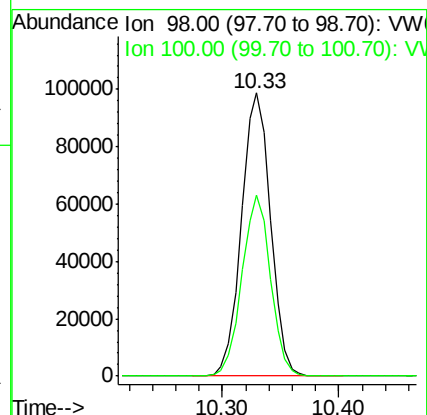
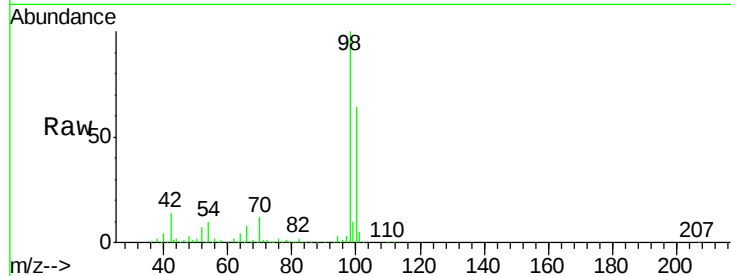
ClientSampled :

Tot Ion: 98 Resp: 172412

Ion Ratio Lower Upper

98 100

100 62.7 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 21.942 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003620.D

Acq: 27 Jun 2018 18:06

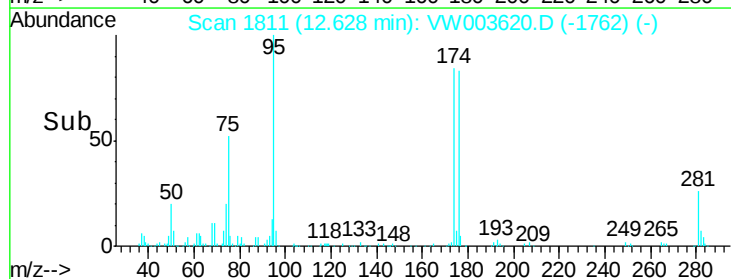
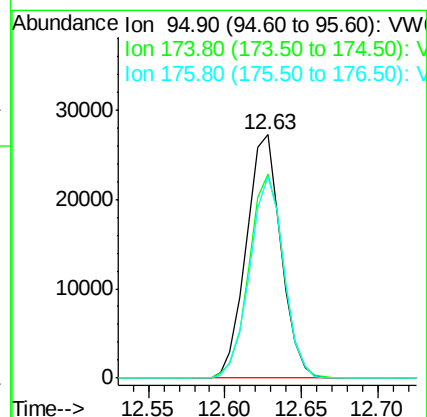
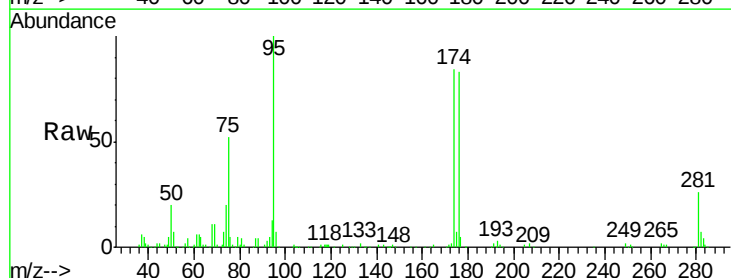
Tgt Ion: 95 Resp: 42886

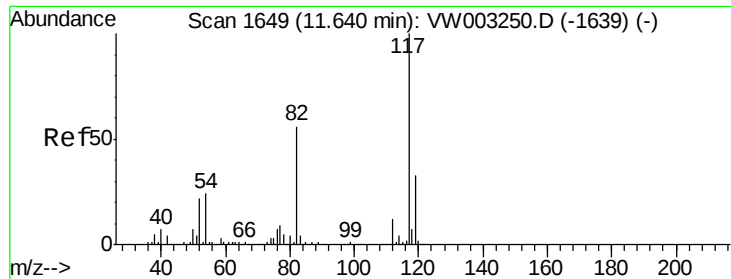
Ion Ratio Lower Upper

95 100

174 83.7 0.0 166.4

176 81.5 0.0 162.0

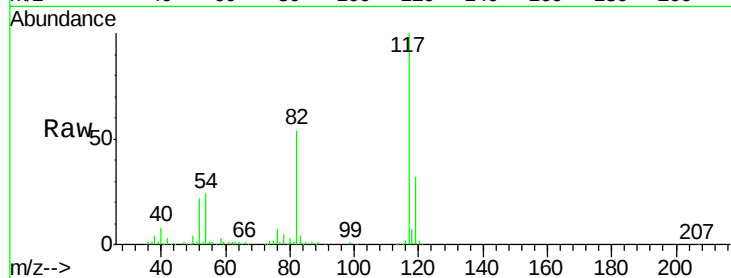




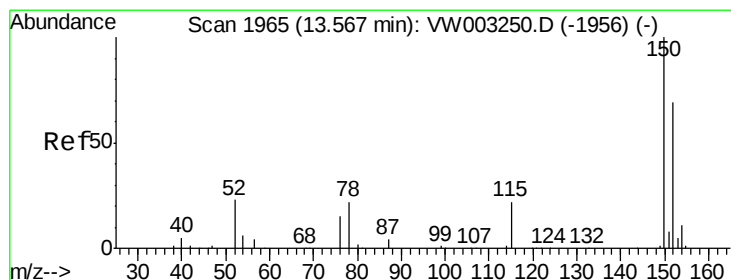
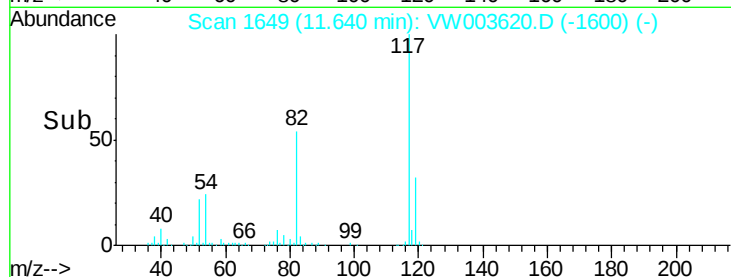
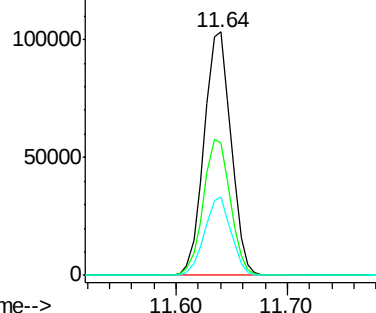
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003620.D
Acq: 27 Jun 2018 18:06

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 173415
Ion Ratio Lower Upper
117 100
82 54.3 44.6 67.0
119 32.4 26.7 40.1

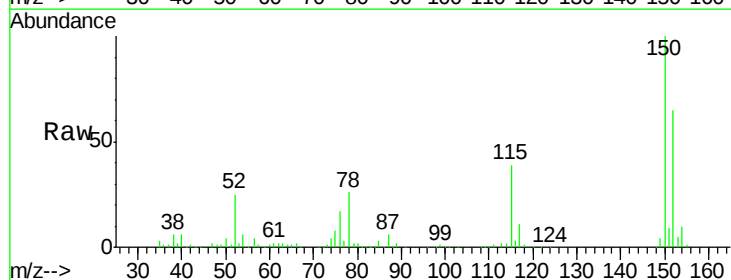


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

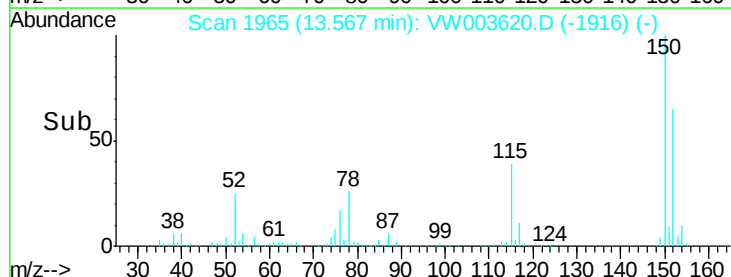
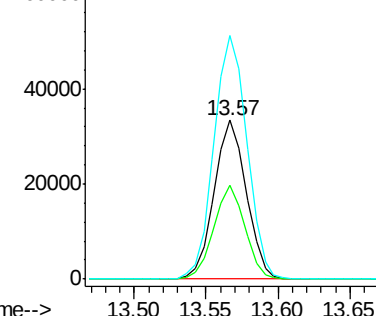


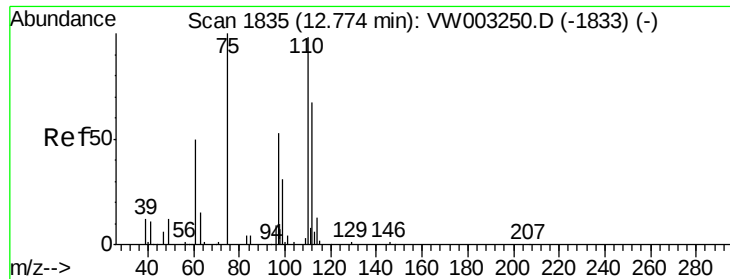
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003620.D
Acq: 27 Jun 2018 18:06

Tgt Ion:152 Resp: 51487
Ion Ratio Lower Upper
152 100
115 57.5 29.3 88.0
150 157.6 0.0 349.6



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: 53.290 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW003620.D

Acq: 27 Jun 2018 18:06

Instrument :

MSVOA_W

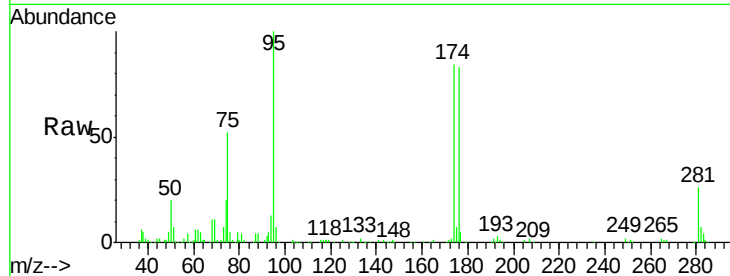
ClientSampleId :

Tot Ion: 75 Resp: 23456

Ion Ratio Lower Upper

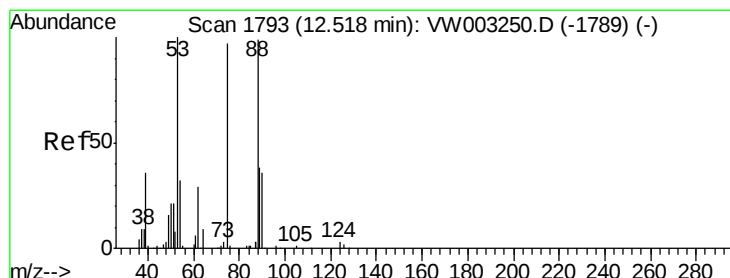
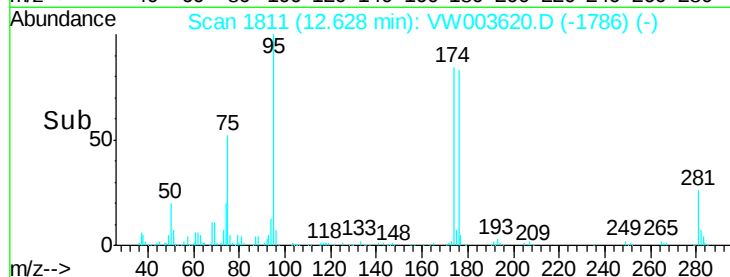
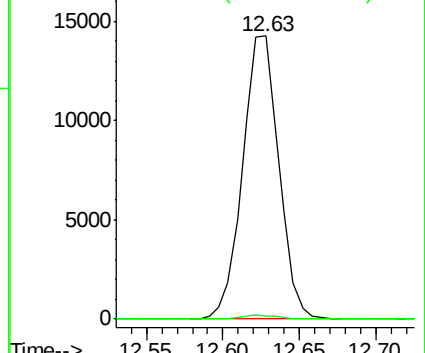
75 100

77 1.4 0.0 0.0#



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: 122.624 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.11 min

Lab File: VW003620.D

Acq: 27 Jun 2018 18:06

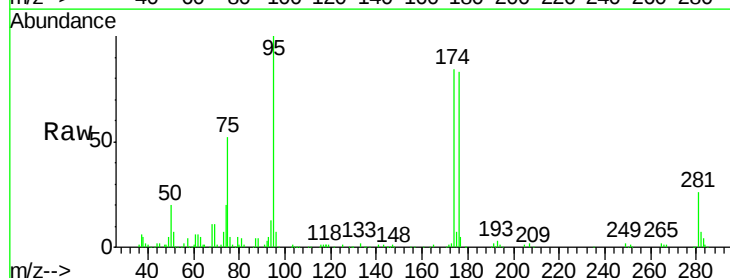
Tgt Ion: 75 Resp: 23456

Ion Ratio Lower Upper

75 100

53 0.4 82.9 124.3#

89 0.1 36.7 55.1#



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

