

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082018\
 Data File : VW004788.D
 Acq On : 20 Aug 2018 14:02
 Operator : SY/AP
 Sample : J4537-01
 Misc : 6.78G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 20 14:27:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	581519	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	914379	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	678441	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	245142	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	280029	49.81	ug/l	0.00
Spiked Amount			Recovery	=	99.62%	
35) Dibromofluoromethane	7.89	113	287627	49.22	ug/l	0.00
Spiked Amount			Recovery	=	98.44%	
50) Toluene-d8	10.33	98	565851	24.80	ug/l	0.00
Spiked Amount			Recovery	=	49.60%	
62) 4-Bromofluorobenzene	12.62	95	268074	32.66	ug/l	0.00
Spiked Amount			Recovery	=	65.32%	

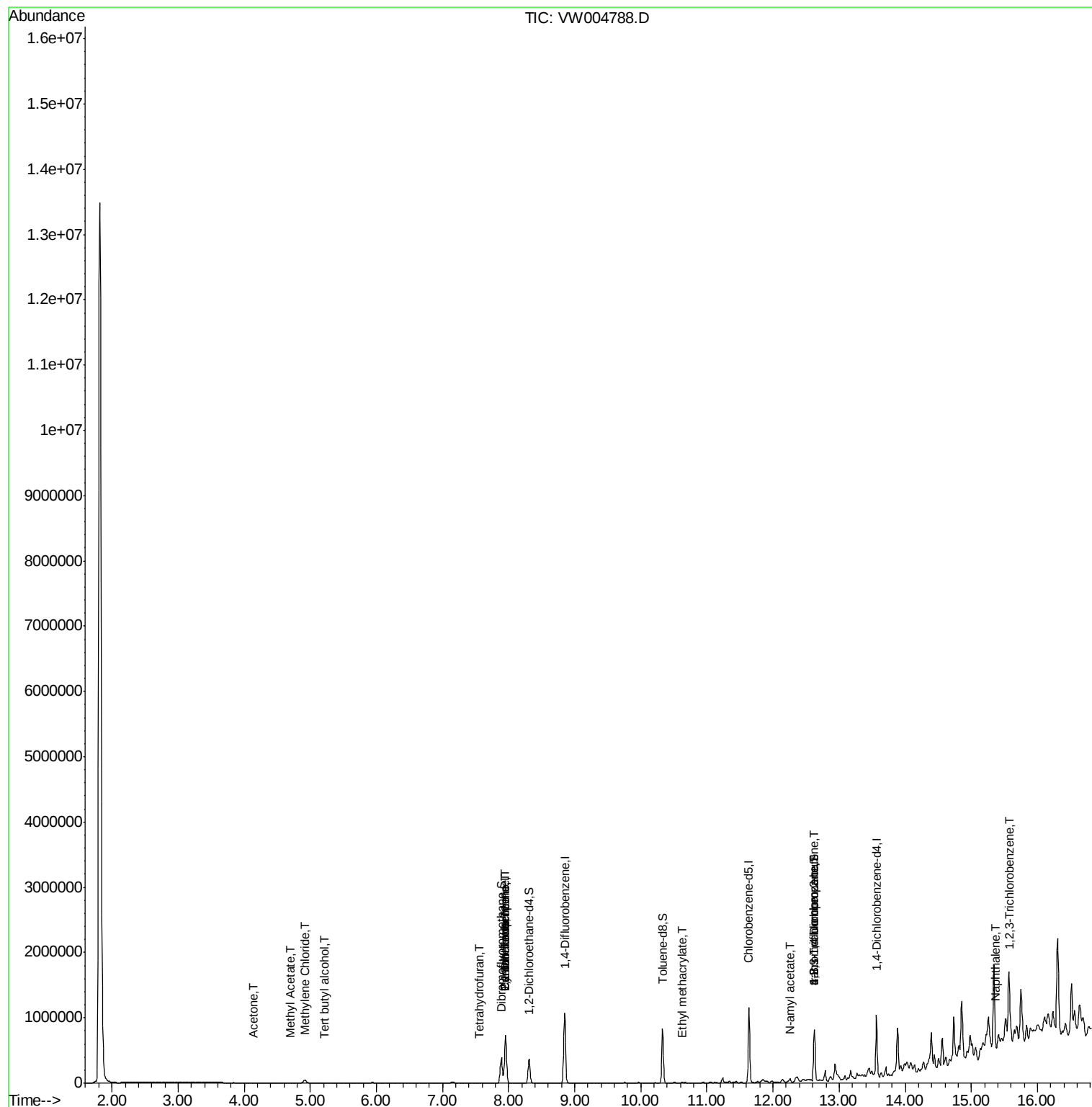
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	1521	4.842	ug/l #	76
16) Acetone	4.14	43	7753	5.402	ug/l	95
18) Methyl Acetate	4.69	43	5125	1.666	ug/l	98
20) Methylene Chloride	4.92	84	38732	1.746	ug/l	94
29) Tetrahydrofuran	7.55	42	1364	1.308	ug/l #	86
31) Cyclohexane	7.95	56	11032	1.004	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	41713	4.428	ug/l #	48
38) Carbon Tetrachloride	7.95	117	52494	6.054	ug/l #	16
56) Ethyl methacrylate	10.63	69	3714	3.547	ug/l #	82
74) N-amyl acetate	12.26	43	11407	6.705	ug/l #	56
76) 1,2,3-Trichloropropane	12.62	75	126552	58.562	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	126552	136.115	ug/l #	14
95) Naphthalene	15.38	128	5468	4.011	ug/l #	76
96) 1,2,3-Trichlorobenzene	15.58	180	7854	1.698	ug/l #	65

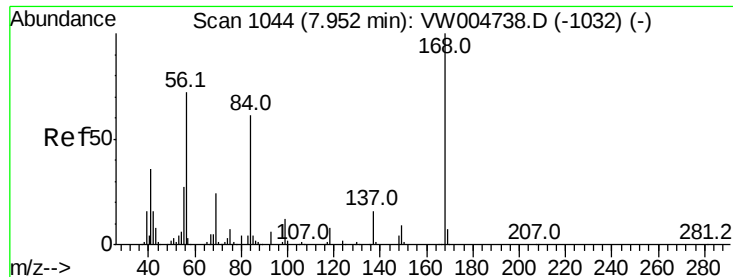
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082018\
Data File : VW004788.D
Acq On : 20 Aug 2018 14:02
Operator : SY/AP
Sample : J4537-01
Misc : 6.78G/5ML/MSVOA W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Aug 20 14:27:47 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:49:53 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: VW004788.D

Acq: 20 Aug 2018 14:02

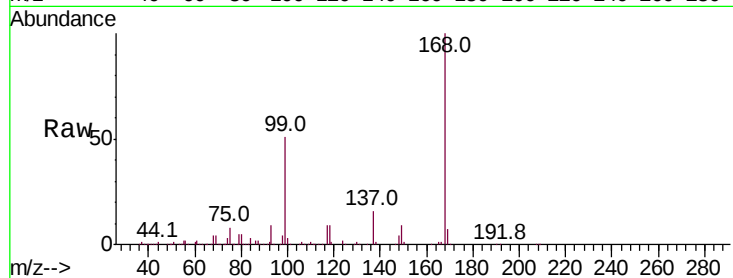
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 581519

Ion Ratio Lower Upper

168 100

99 51.2 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

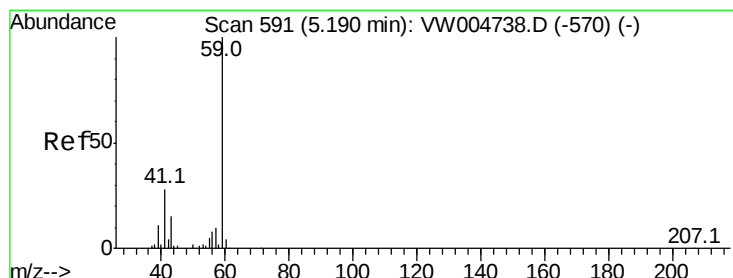
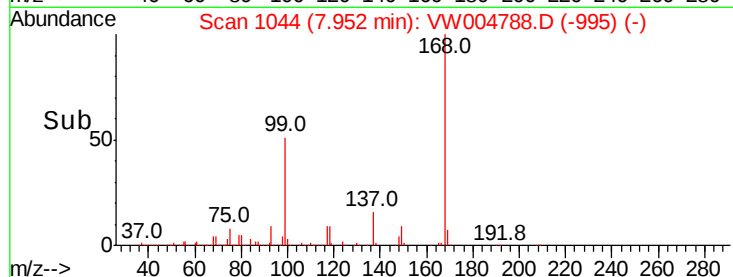
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 4.842 ug/l

RT: 5.21 min Scan# 595

Delta R.T. 0.02 min

Lab File: VW004788.D

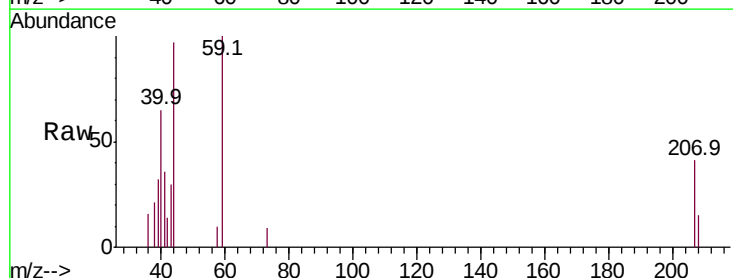
Acq: 20 Aug 2018 14:02

Tgt Ion: 59 Resp: 1521

Ion Ratio Lower Upper

59 100

57 1.4 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.21

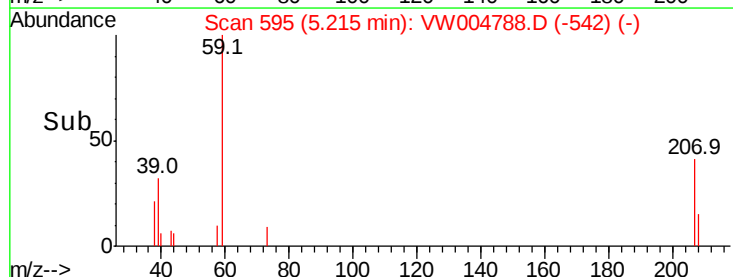
600

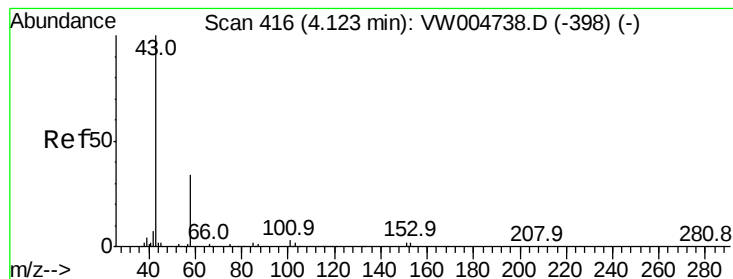
400

200

0

Time--> 5.15 5.20 5.25





#16

Acetone

Concen: 5.402 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.02 min

Lab File: VW004788.D

Acq: 20 Aug 2018 14:02

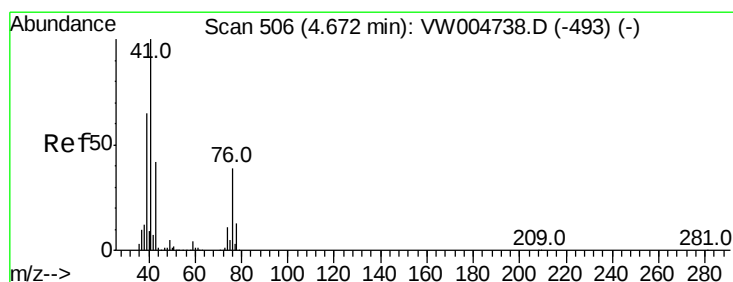
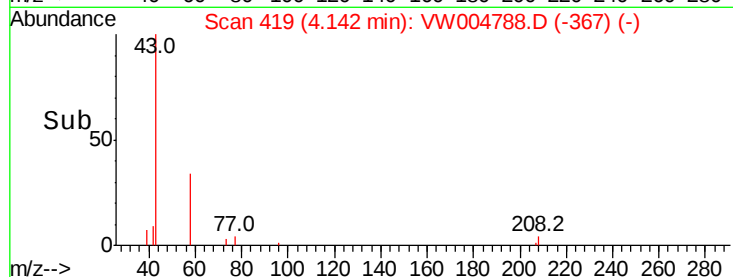
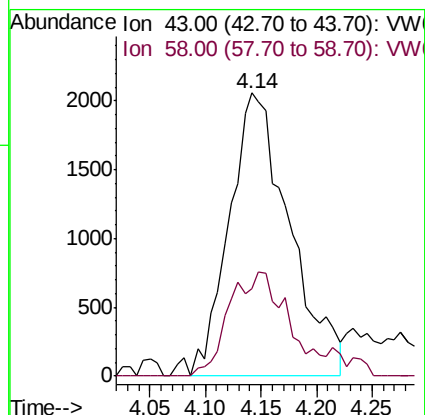
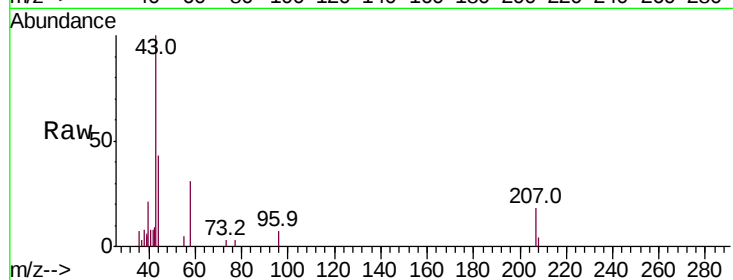
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 7753

Ion Ratio Lower Upper

43 100

58 31.0 27.3 40.9



#18

Methyl Acetate

Concen: 1.666 ug/l

RT: 4.69 min Scan# 509

Delta R.T. 0.02 min

Lab File: VW004788.D

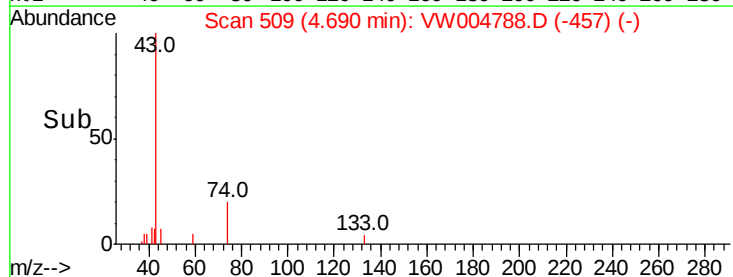
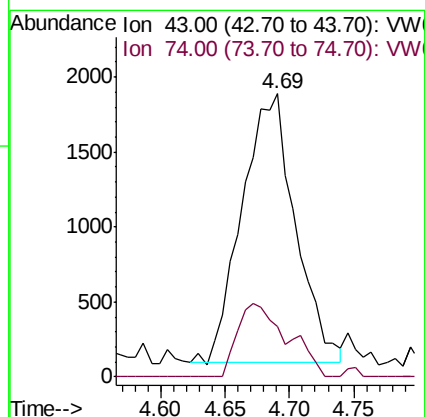
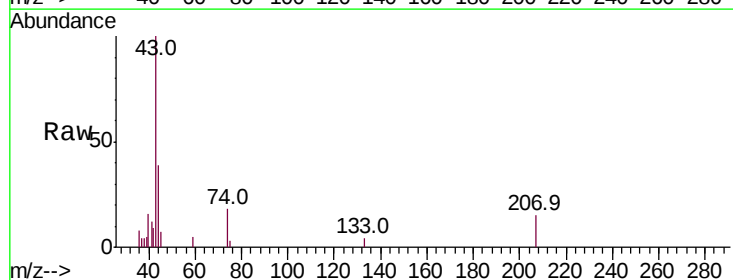
Acq: 20 Aug 2018 14:02

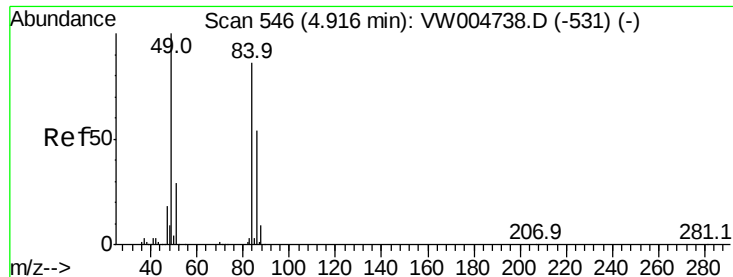
Tgt Ion: 43 Resp: 5125

Ion Ratio Lower Upper

43 100

74 25.7 19.8 29.8

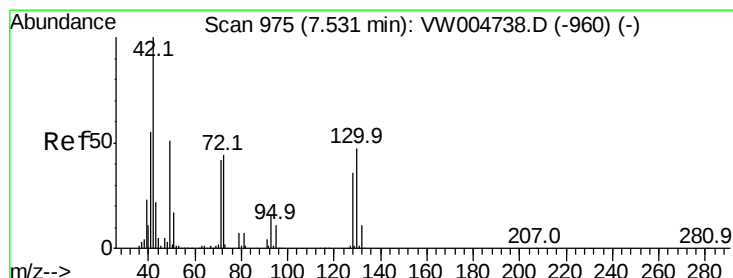
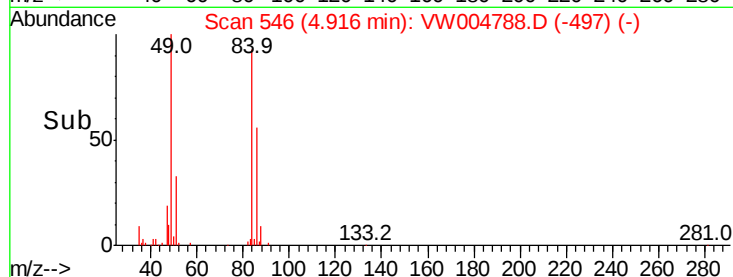
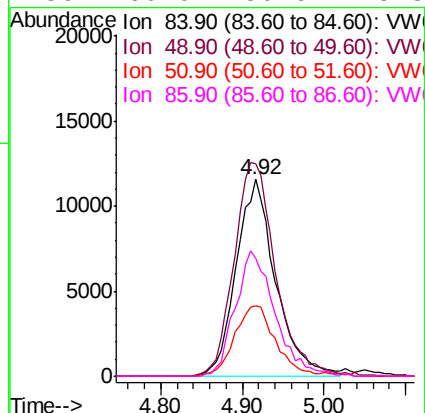
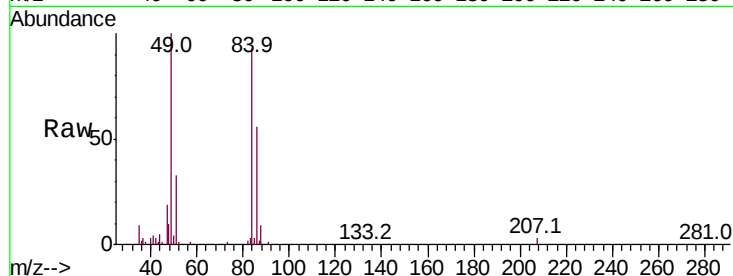




#20
Methvlene Chloride
Concen: 1.746 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.00 min
Lab File: VW004788.D
Acq: 20 Aug 2018 14:02

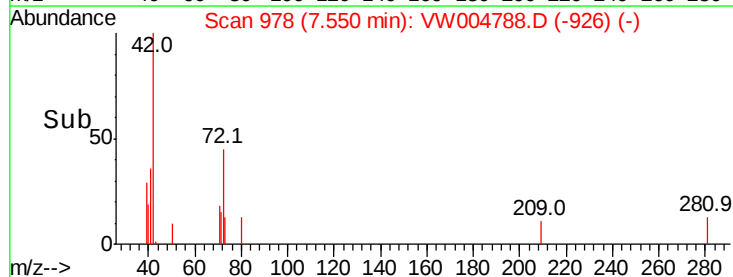
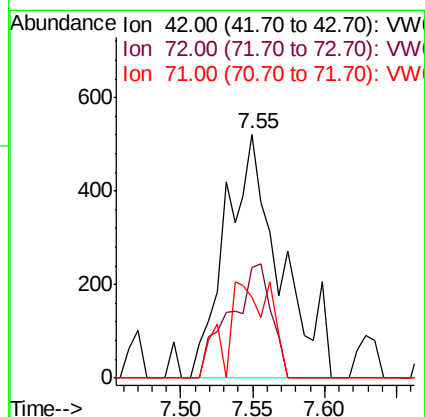
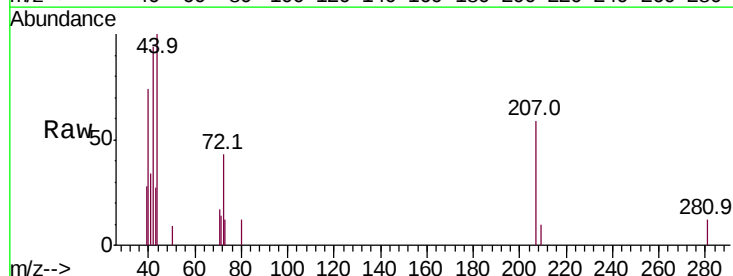
Instrument :
MSVOA_W
ClientSampleId :

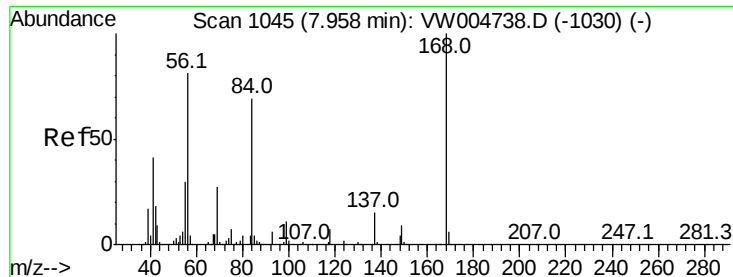
Tot Ion:	84	Resp:	38732
Ion	Ratio	Lower	Upper
84	100		
49	107.7	93.2	139.8
51	36.0	27.4	41.0
86	60.0	50.6	75.8



#29
Tetrahydrofuran
Concen: 1.308 ug/l
RT: 7.55 min Scan# 978
Delta R.T. 0.02 min
Lab File: VW004788.D
Acq: 20 Aug 2018 14:02

Tgt Ion:	42	Resp:	1364
Ion	Ratio	Lower	Upper
42	100		
72	35.6	34.9	52.3
71	32.2	33.8	50.6#

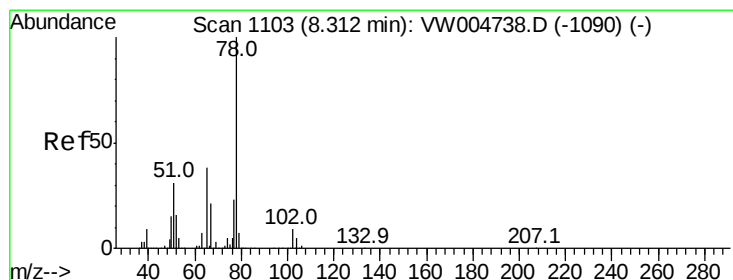
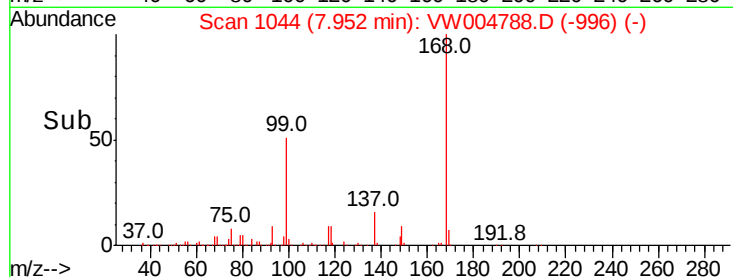
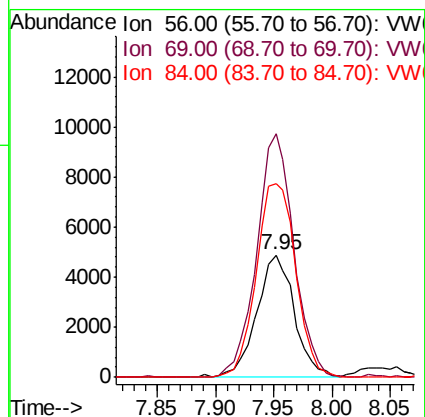
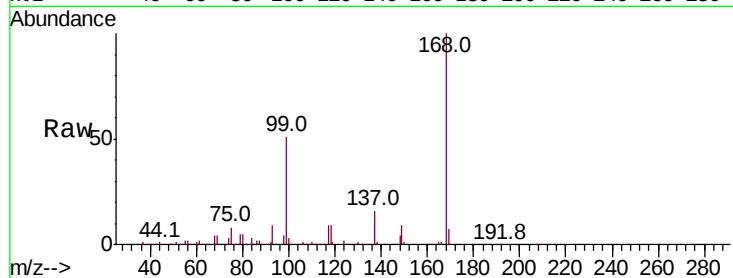




#31
Cyclohexane
Concen: 1.004 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW004788.D
Acq: 20 Aug 2018 14:02

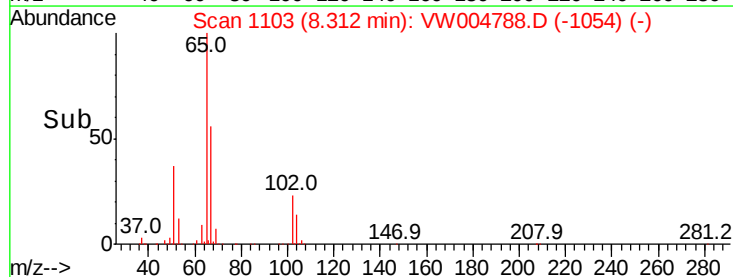
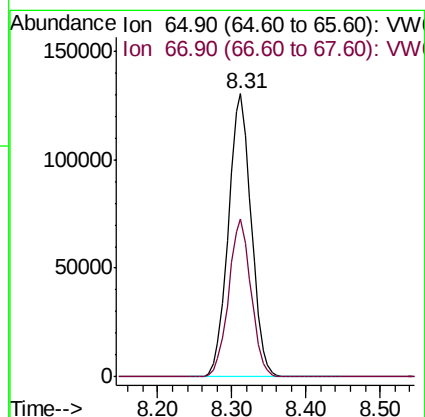
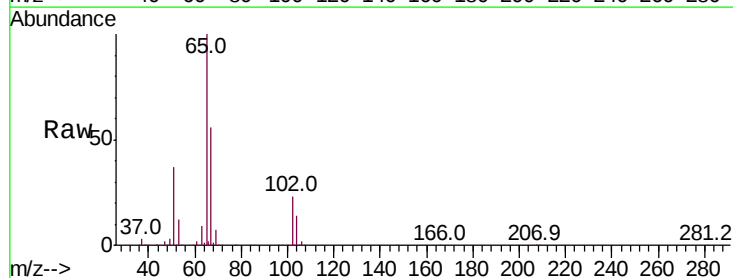
Instrument :
MSVOA_W
ClientSampled :

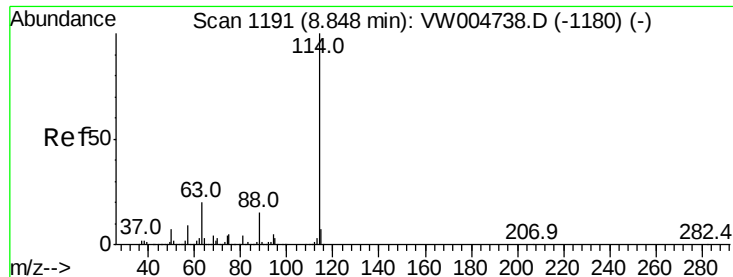
Tot Ion: 56 Resp: 11032
Ion Ratio Lower Upper
56 100
69 198.9 27.1 40.7#
84 158.1 68.3 102.5#



#33
1,2-Dichloroethane-d4
Concen: 49.808 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VW004788.D
Acq: 20 Aug 2018 14:02

Tgt Ion: 65 Resp: 280029
Ion Ratio Lower Upper
65 100
67 54.6 0.0 109.4

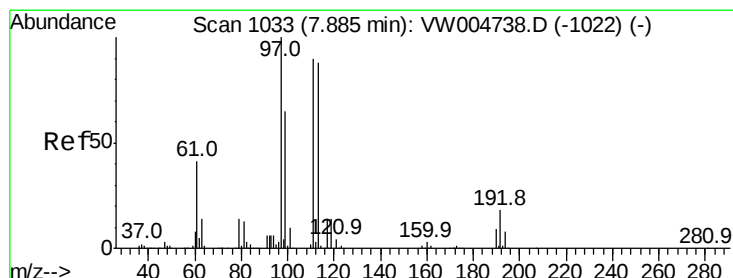
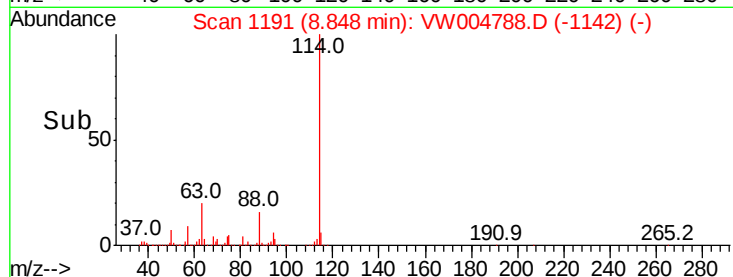
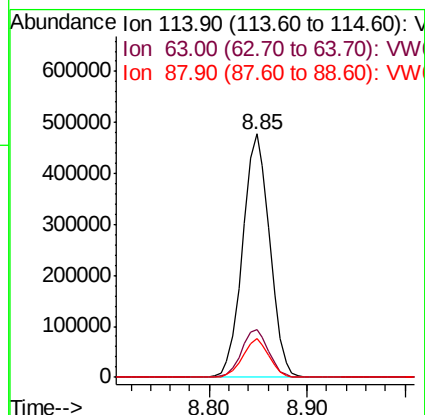
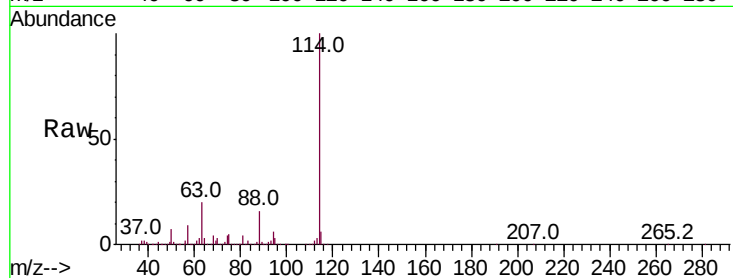




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004788.D
 Acq: 20 Aug 2018 14:02

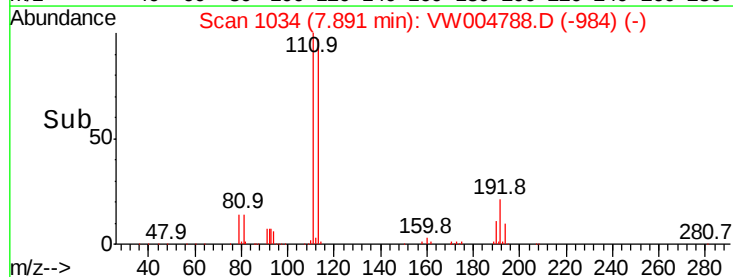
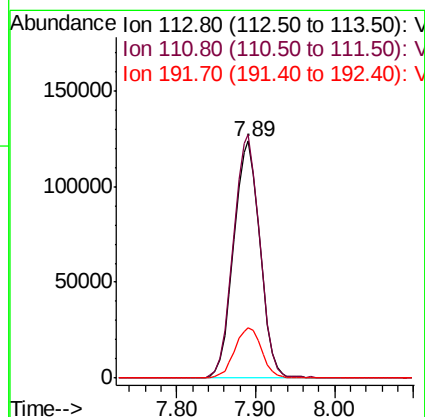
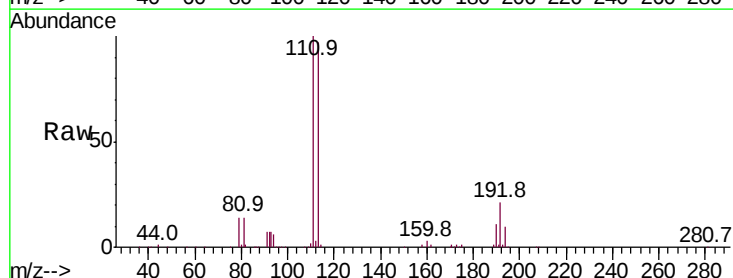
Instrument :
 MSVOA_W
 ClientSampleId :

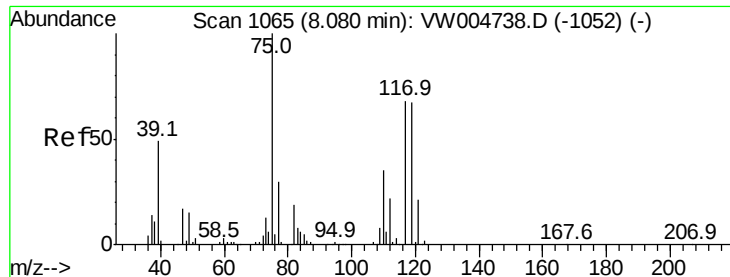
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.0
88	15.8	0.0	30.0



#35
 Dibromofluoromethane
 Concen: 49.217 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004788.D
 Acq: 20 Aug 2018 14:02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.4	123.6
192	21.6	16.7	25.1





#36

1,1-Dichloropropene

Concen: 4.428 ug/l

RT: 7.95 min Scan# 1044

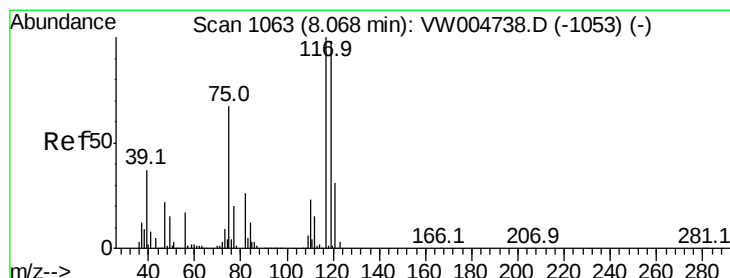
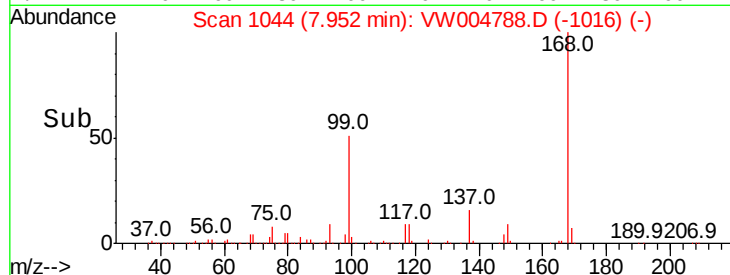
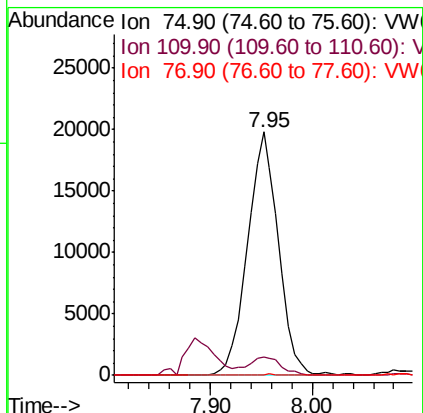
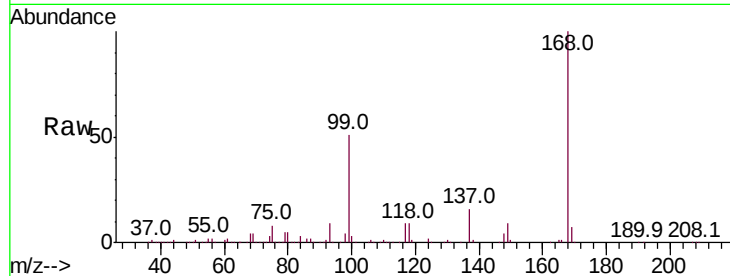
Delta R.T. -0.13 min

Lab File: VW004788.D

Acq: 20 Aug 2018 14:02

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	7.1	17.8	53.5#
77	0.2	24.9	37.3#



#38

Carbon Tetrachloride

Concen: 6.054 ug/l

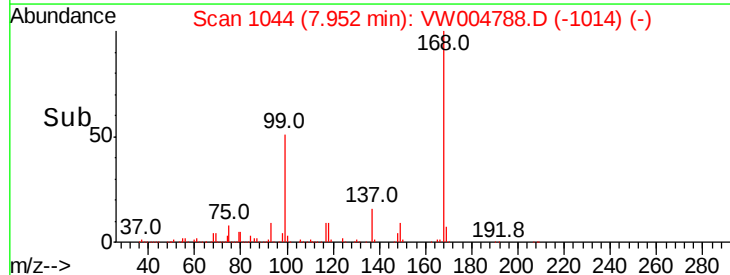
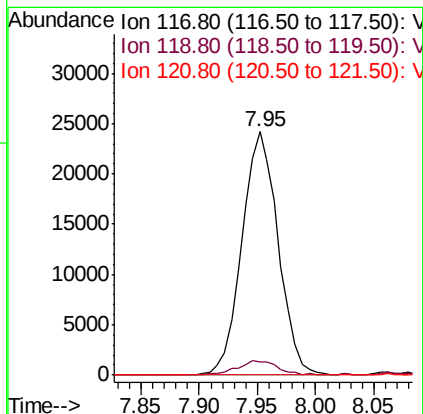
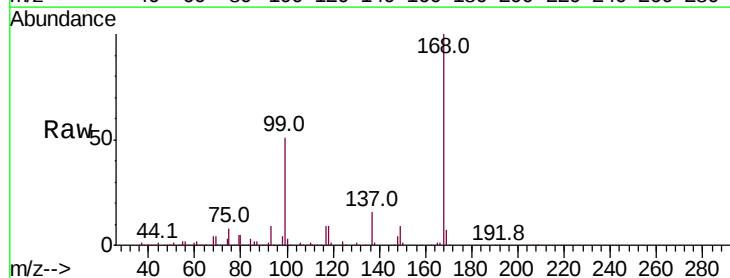
RT: 7.95 min Scan# 1044

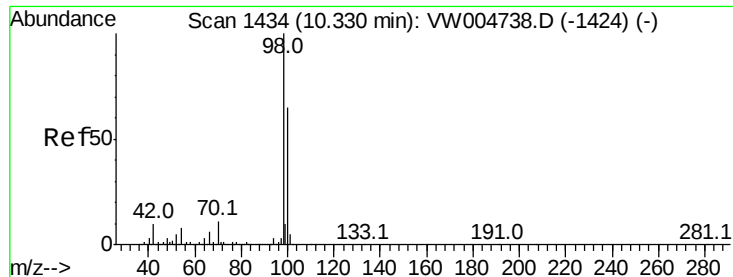
Delta R.T. -0.12 min

Lab File: VW004788.D

Acq: 20 Aug 2018 14:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.5	78.0	117.0#
121	0.0	24.8	37.2#

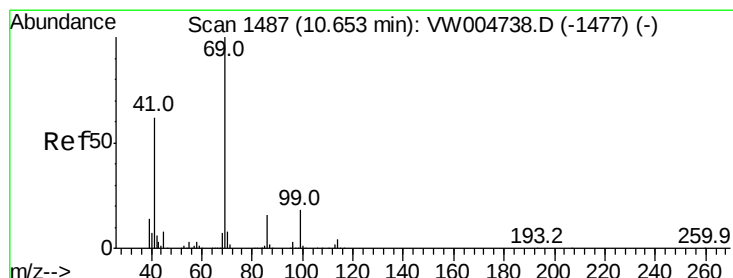
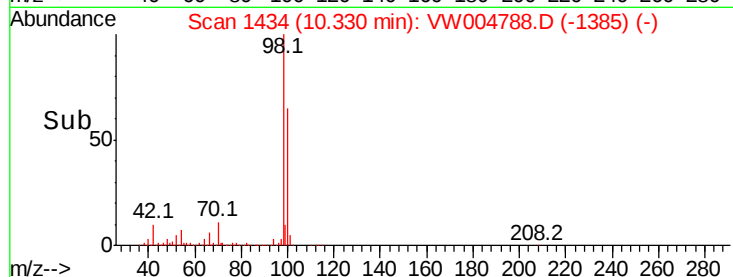
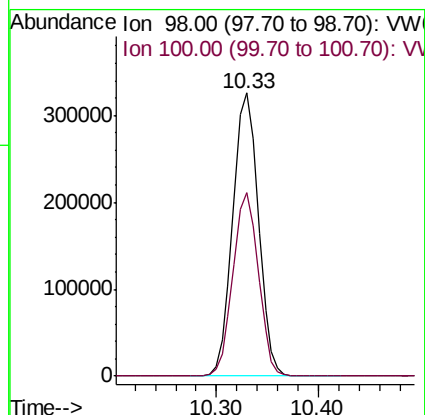
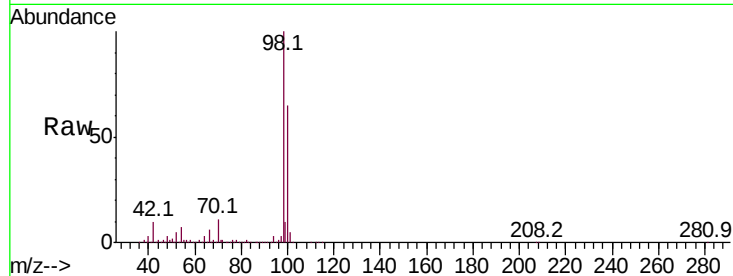




#50
Toluene-d8
Concen: 24.804 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004788.D
Acq: 20 Aug 2018 14:02

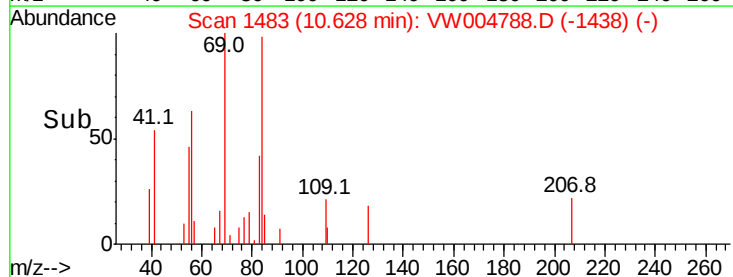
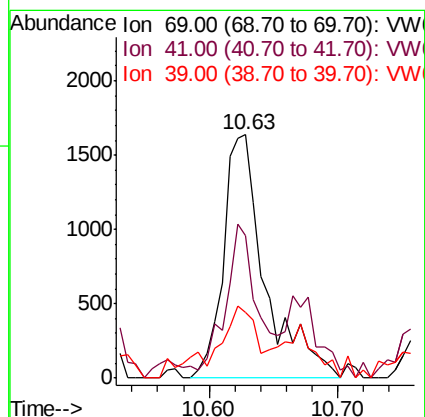
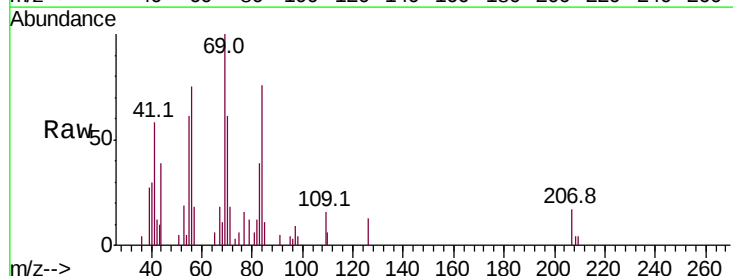
Instrument :
MSVOA_W
ClientSampled :

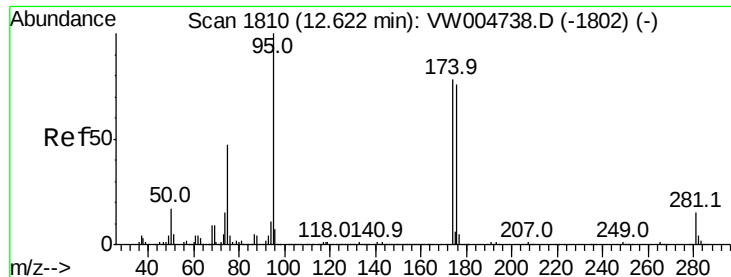
Tot Ion: 98 Resp: 565851
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.8



#56
Ethyl methacrylate
Concen: 3.547 ug/l
RT: 10.63 min Scan# 1483
Delta R.T. -0.02 min
Lab File: VW004788.D
Acq: 20 Aug 2018 14:02

Tgt Ion: 69 Resp: 3714
Ion Ratio Lower Upper
69 100
41 46.7 50.7 76.1#
39 31.2 21.4 32.2





#62

4-Bromofluorobenzene

Concen: 32.663 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004788.D

Acq: 20 Aug 2018 14:02

Instrument :

MSVOA_W

ClientSampleId :

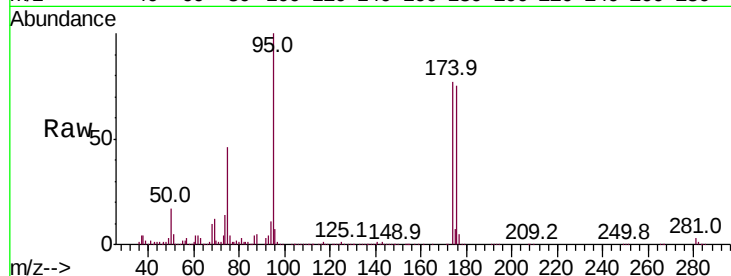
Tot Ion: 95 Resp: 268074

Ion Ratio Lower Upper

95 100

174 82.7 0.0 165.8

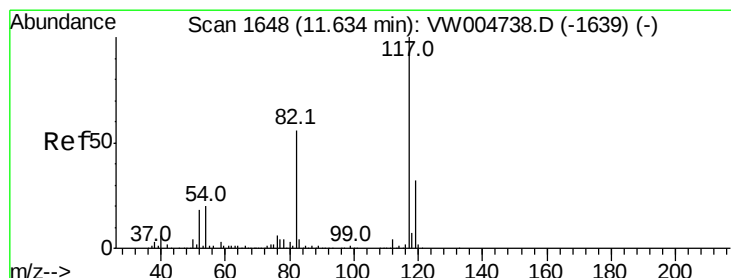
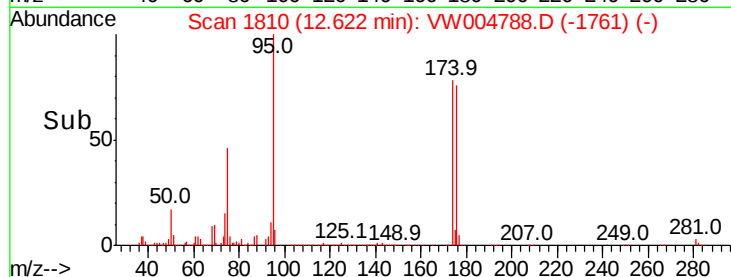
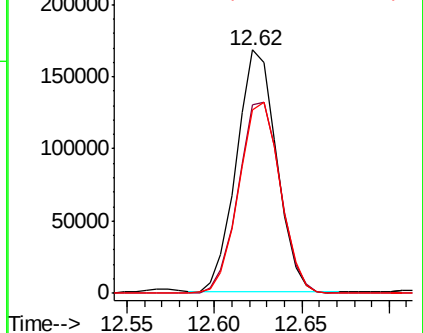
176 81.5 0.0 159.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. 0.00 min

Lab File: VW004788.D

Acq: 20 Aug 2018 14:02

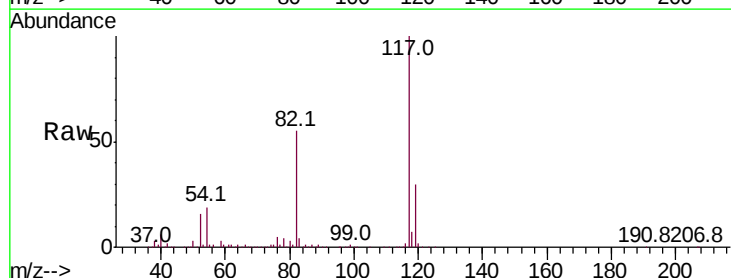
Tgt Ion: 117 Resp: 678441

Ion Ratio Lower Upper

117 100

82 54.7 44.6 67.0

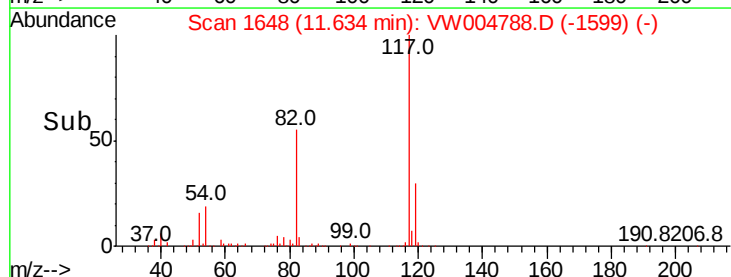
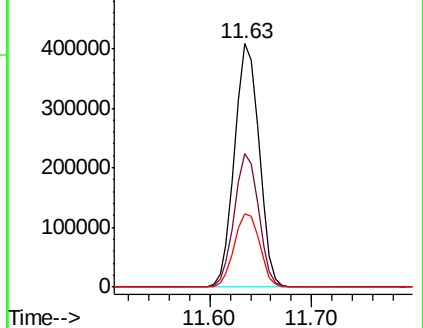
119 29.9 25.6 38.4

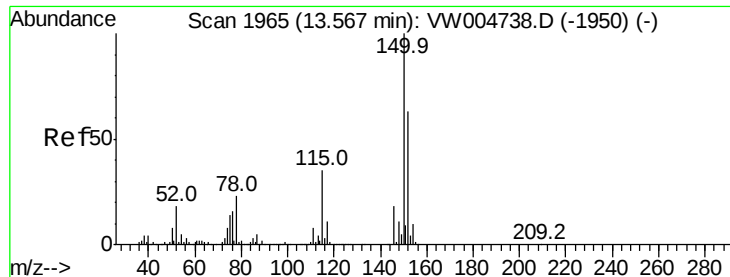


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004788.D

Acq: 20 Aug 2018 14:02

Instrument :

MSVOA_W

ClientSampleId :

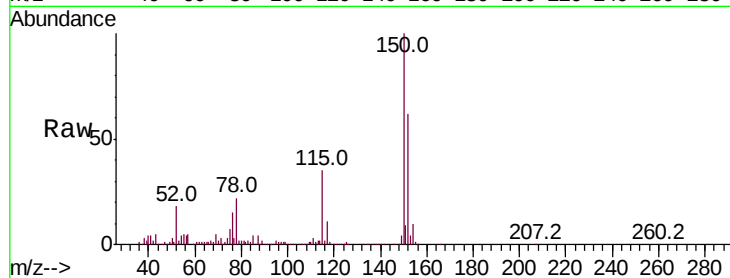
Tot Ion:152 Resp: 245142

Ion Ratio Lower Upper

152 100

115 57.3 28.5 85.5

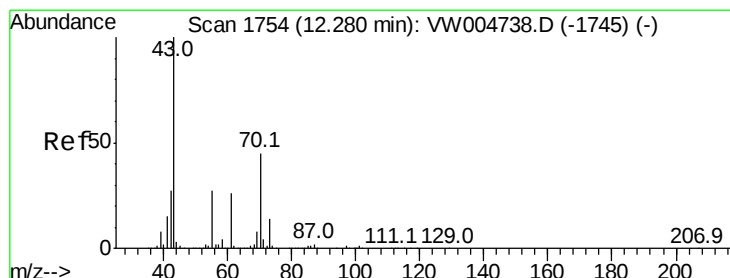
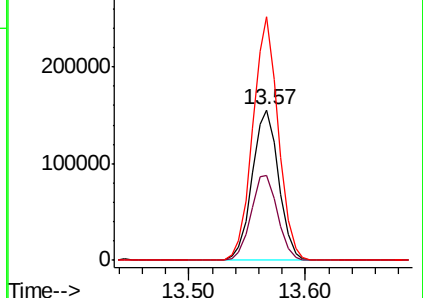
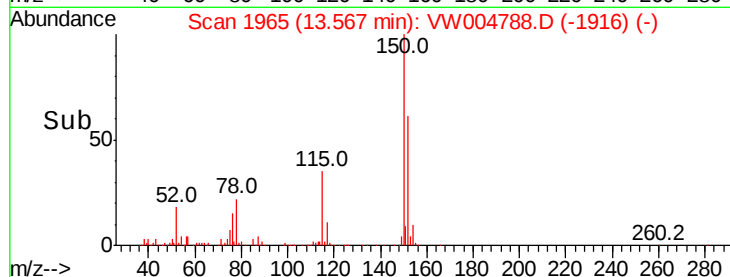
150 155.6 0.0 344.8



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: 6.705 ug/l

RT: 12.26 min Scan# 1751

Delta R.T. -0.02 min

Lab File: VW004788.D

Acq: 20 Aug 2018 14:02

Tgt Ion: 43 Resp: 11407

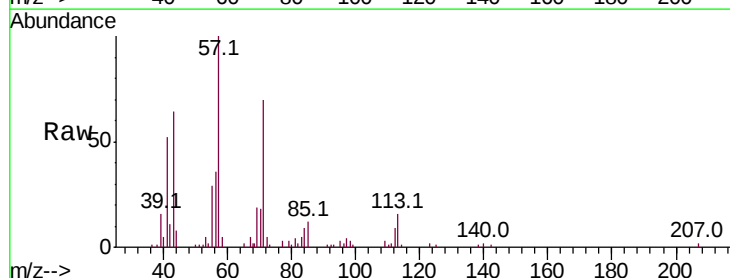
Ion Ratio Lower Upper

43 100

70 23.2 36.3 54.5#

55 0.0 22.6 33.8#

61 0.0 20.2 30.4#

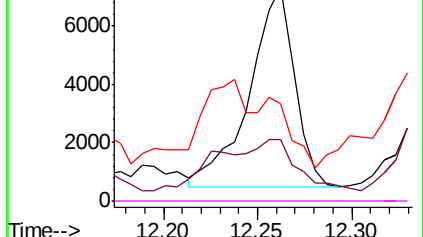
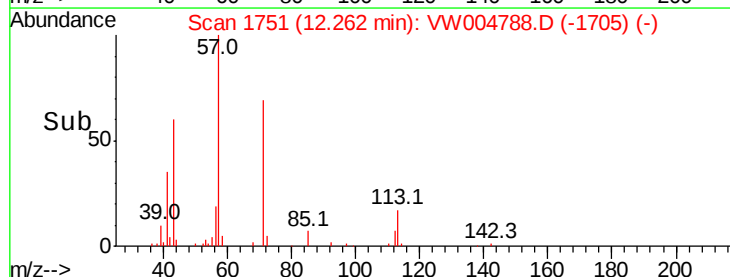


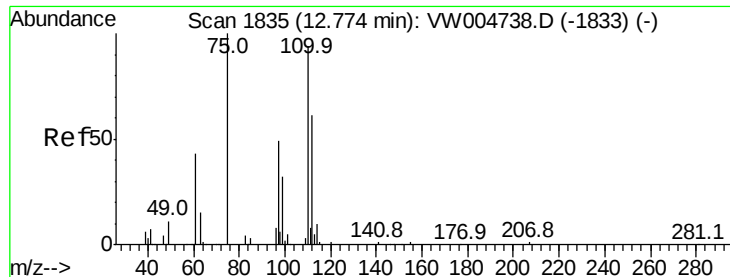
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 58.562 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004788.D

Acq: 20 Aug 2018 14:02

Instrument :

MSVOA_W

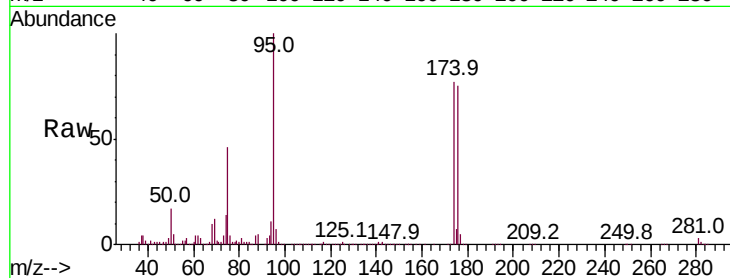
ClientSampleId :

Tot Ion: 75 Resp: 126552

Ion Ratio Lower Upper

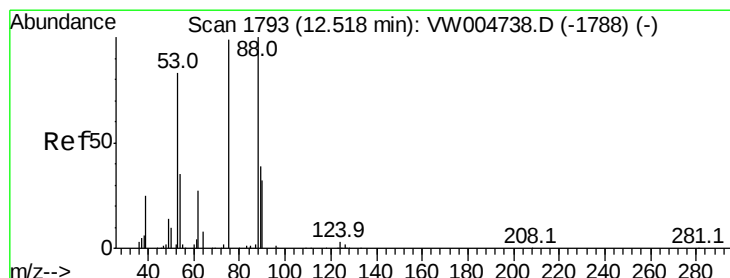
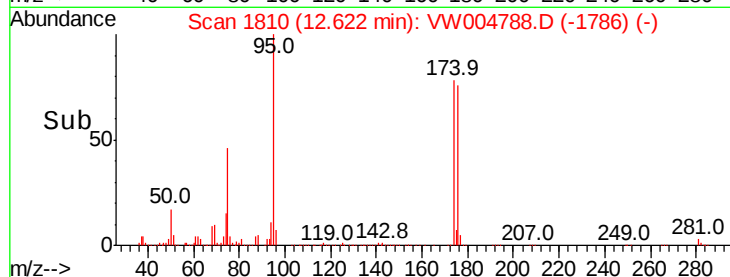
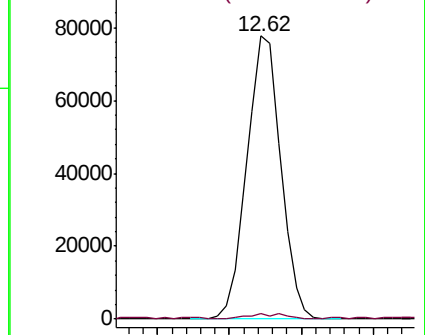
75 100

77 1.9 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: 136.115 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004788.D

Acq: 20 Aug 2018 14:02

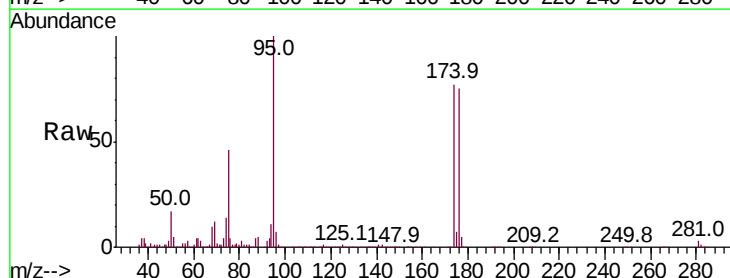
Tgt Ion: 75 Resp: 126552

Ion Ratio Lower Upper

75 100

53 0.9 72.2 108.4#

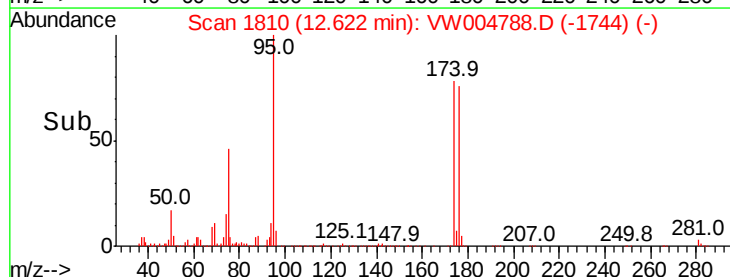
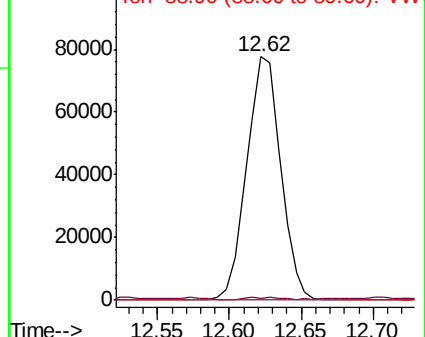
89 0.0 35.2 52.8#

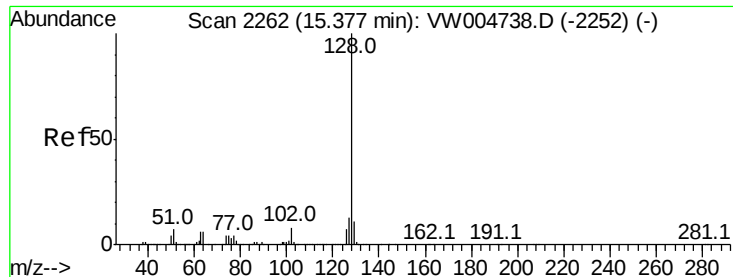


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW





#95

Naphthalene

Concen: 4.011 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004788.D

Acq: 20 Aug 2018 14:02

Instrument :

MSVOA_W

ClientSampled :

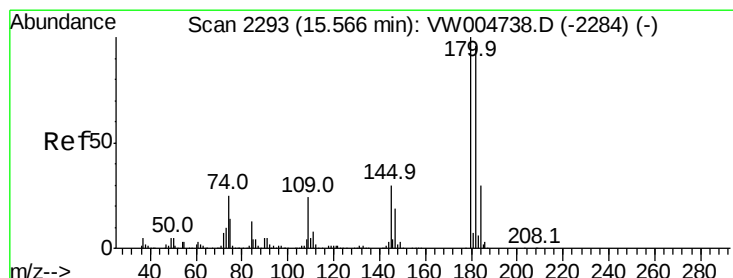
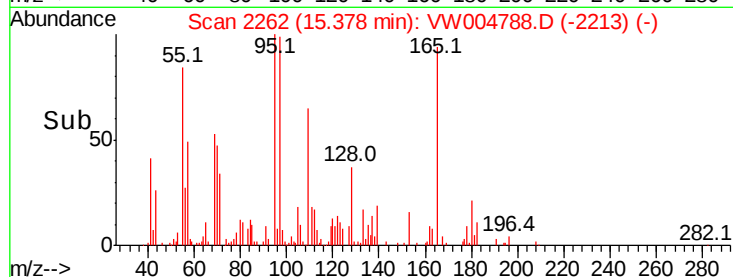
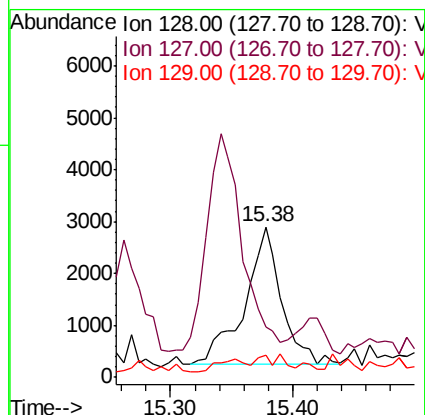
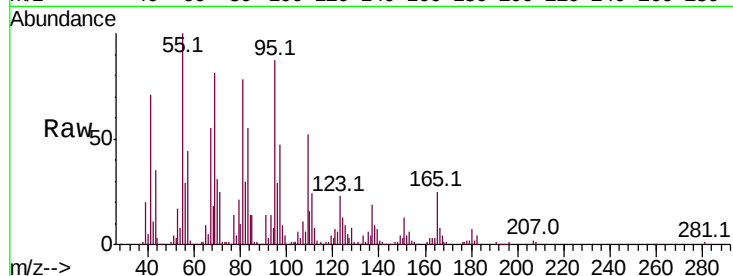
Tot Ion:128 Resp: 5468

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 5.9 8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 1.698 ug/l

RT: 15.58 min Scan# 2296

Delta R.T. 0.02 min

Lab File: VW004788.D

Acq: 20 Aug 2018 14:02

Tgt Ion:180 Resp: 7854

Ion Ratio Lower Upper

180 100

182 60.5 47.3 142.0

145 11.7 15.4 46.1#

