

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082018\
 Data File : VW004795.D
 Acq On : 20 Aug 2018 17:02
 Operator : SY/AP
 Sample : J4538-04
 Misc : 15.59G/5ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSS4

Quant Time: Aug 21 00:56:45 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	529743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	872084	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	659886	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	190886	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	347507	67.85	ug/l	0.00
Spiked Amount			Recovery	=	135.70%	
35) Dibromofluoromethane	7.88	113	301230	54.04	ug/l	0.00
Spiked Amount			Recovery	=	108.08%	
50) Toluene-d8	10.33	98	858154	39.44	ug/l	0.00
Spiked Amount			Recovery	=	78.88%	
62) 4-Bromofluorobenzene	12.62	95	218747	27.95	ug/l	0.00
Spiked Amount			Recovery	=	55.90%	

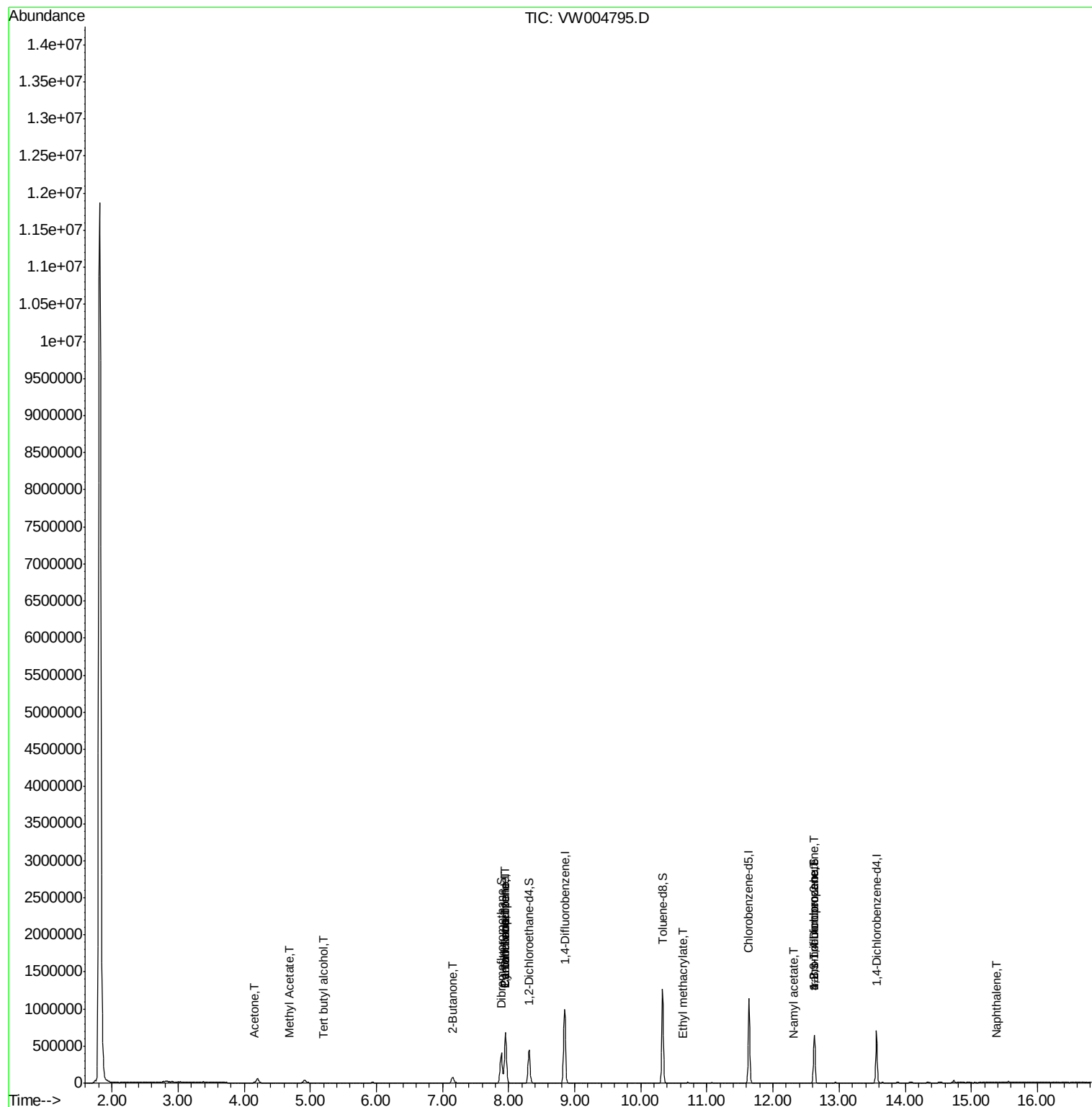
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	426	1.489	ug/l	99
16) Acetone	4.14	43	6668	5.100	ug/l	94
18) Methyl Acetate	4.68	43	3724	1.329	ug/l	98
25) 2-Butanone	7.15	43	3570	1.916	ug/l #	69
31) Cyclohexane	7.95	56	10189	1.018	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	39541	4.401	ug/l #	49
38) Carbon Tetrachloride	7.95	117	48558	5.872	ug/l #	17
56) Ethyl methacrylate	10.64	69	103	2.997	ug/l #	41
74) N-amyl acetate	12.31	43	182	4.074	ug/l #	30
76) 1,2,3-Trichloropropane	12.62	75	103170	61.312	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	103170	142.506	ug/l #	14
95) Naphthalene	15.38	128	1120	3.640	ug/l #	94

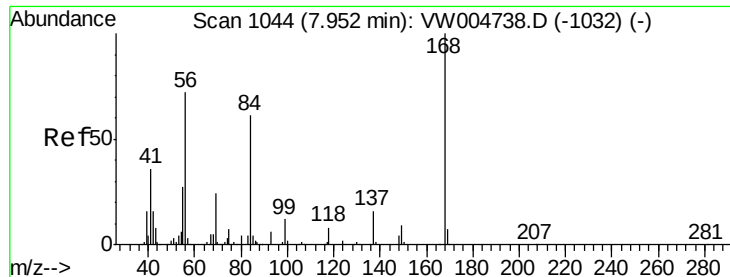
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW082018\
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Quant Time: Aug 21 00:56:45 2018
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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: VW004795.D

Acq: 20 Aug 2018 17:02

Instrument :

MSVOA_W

ClientSampled :

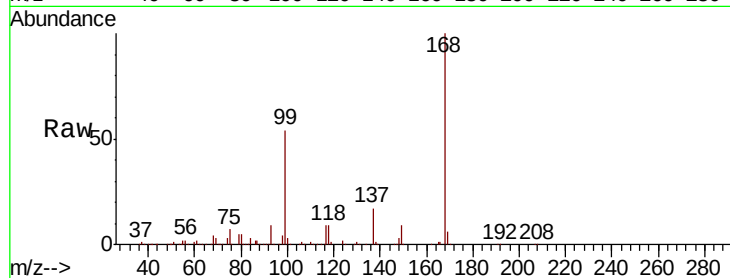
VSS4

Tgt Ion:168 Resp: 529743

Ion Ratio Lower Upper

168 100

99 53.9 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

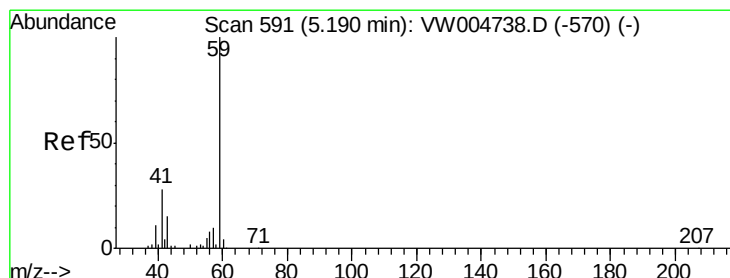
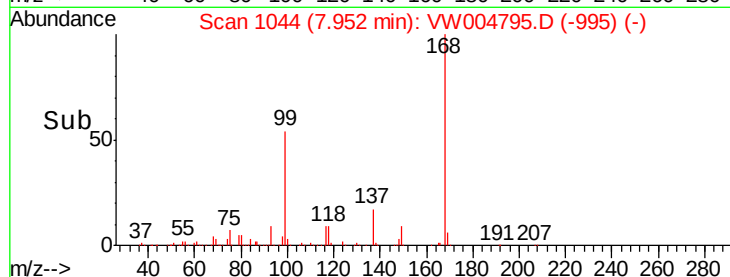
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 1.489 ug/l

RT: 5.21 min Scan# 594

Delta R.T. 0.02 min

Lab File: VW004795.D

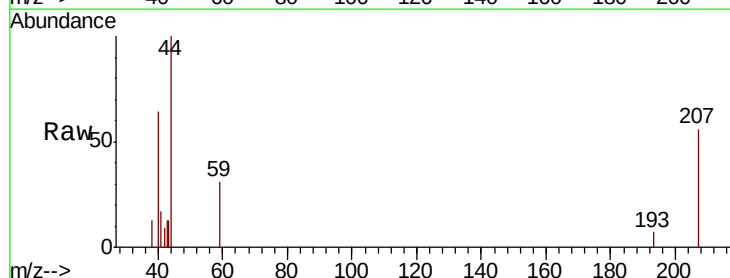
Acq: 20 Aug 2018 17:02

Tgt Ion: 59 Resp: 426

Ion Ratio Lower Upper

59 100

57 10.8 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

250

200

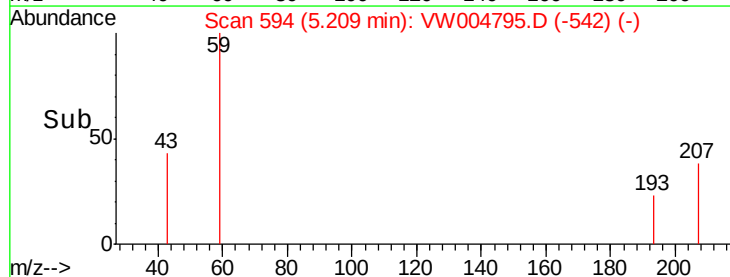
150

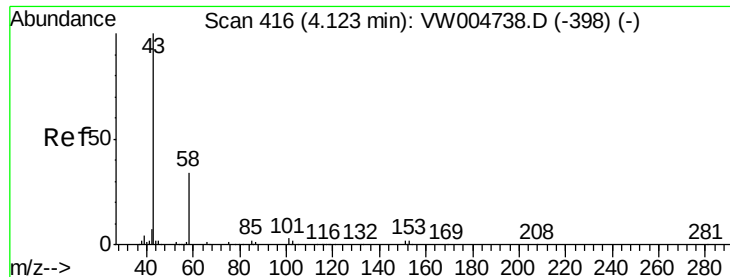
100

50

0

Time--> 5.16 5.18 5.20 5.22

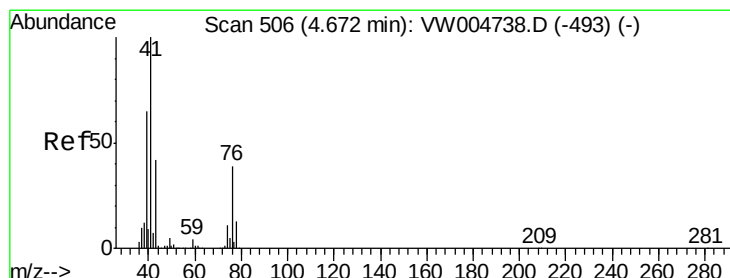
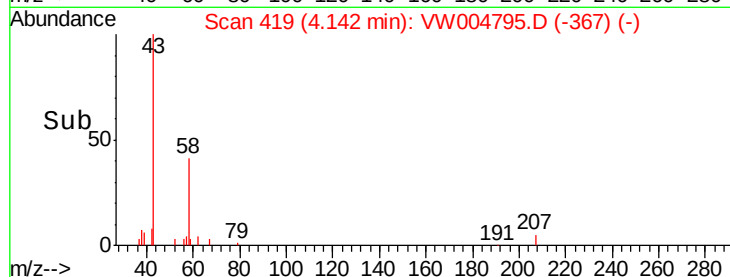
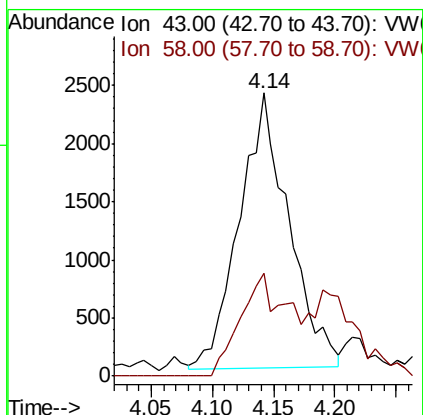
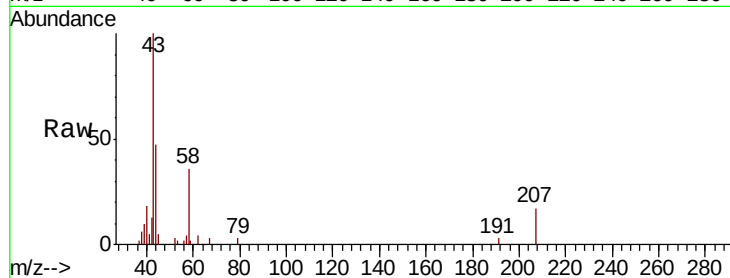




#16
Acetone
Concen: 5.100 ug/l
RT: 4.14 min Scan# 419
Delta R.T. 0.02 min
Lab File: VW004795.D
Acq: 20 Aug 2018 17:02

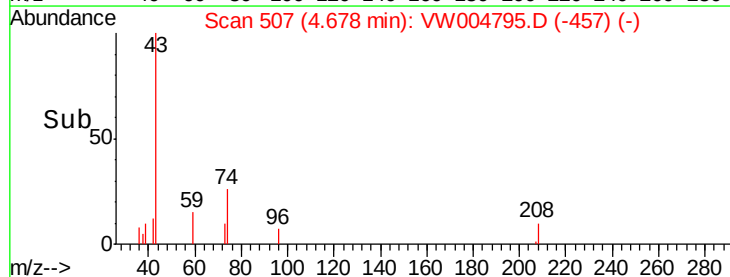
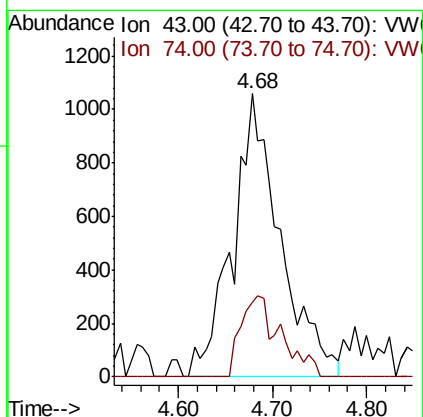
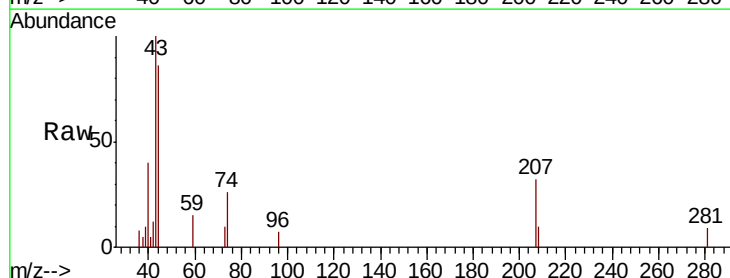
Instrument :
MSVOA_W
ClientSampled :
VSS4

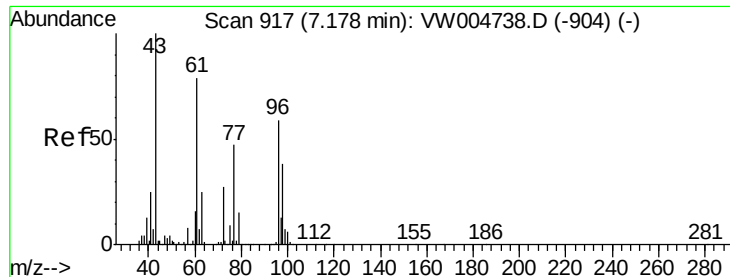
Tgt Ion: 43 Resp: 6668
Ion Ratio Lower Upper
43 100
58 37.7 27.3 40.9



#18
Methyl Acetate
Concen: 1.329 ug/l
RT: 4.68 min Scan# 507
Delta R.T. 0.01 min
Lab File: VW004795.D
Acq: 20 Aug 2018 17:02

Tgt Ion: 43 Resp: 3724
Ion Ratio Lower Upper
43 100
74 24.0 19.8 29.8

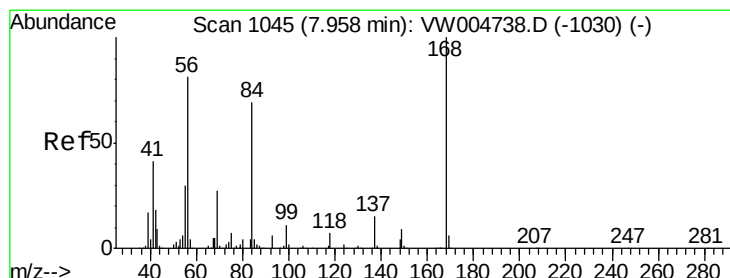
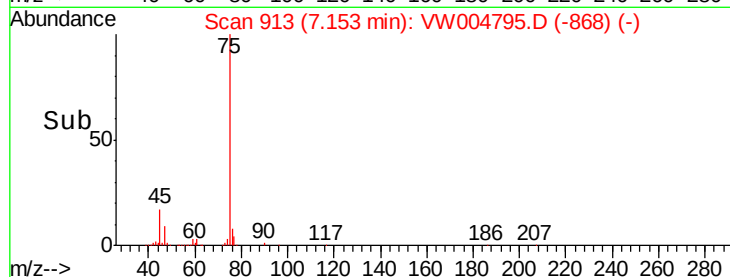
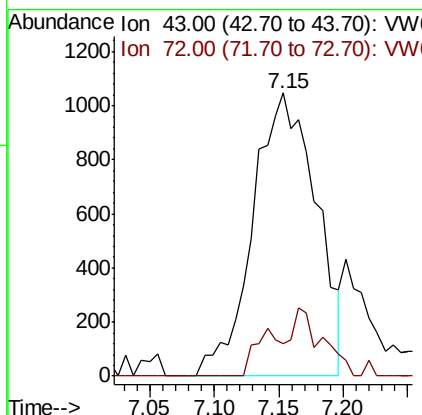
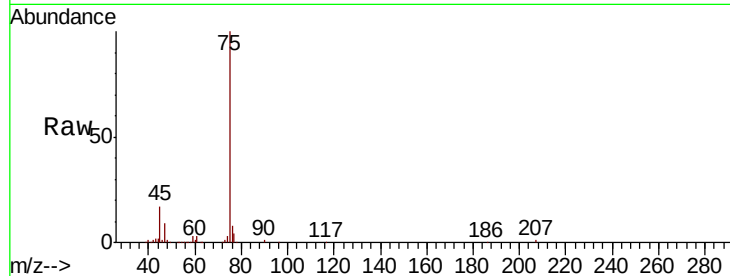




#25
2-Butanone
Concen: 1.916 ug/l
RT: 7.15 min Scan# 913
Delta R.T. -0.02 min
Lab File: VW004795.D
Acq: 20 Aug 2018 17:02

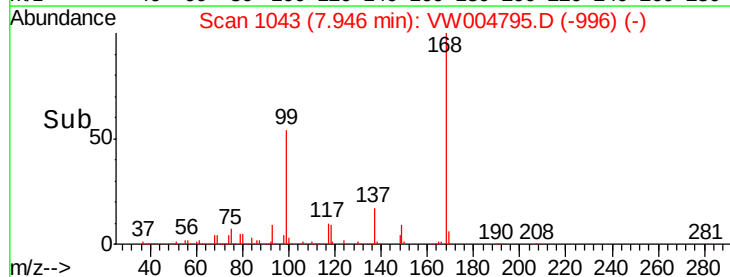
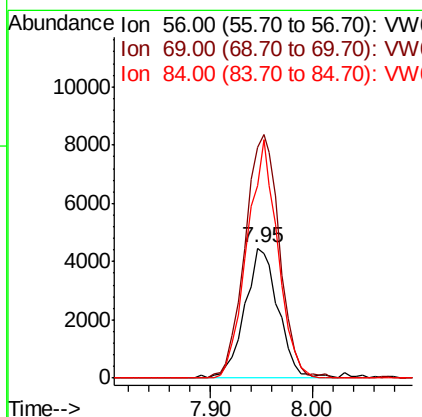
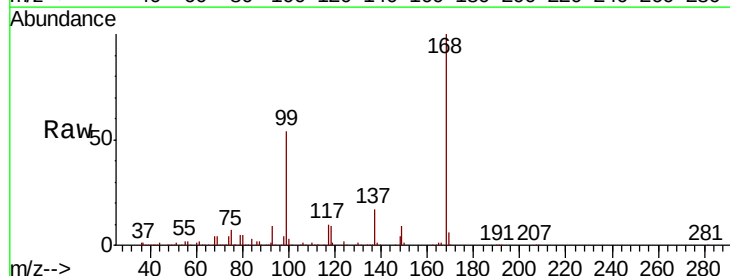
Instrument :
MSVOA_W
ClientSampled :
VSS4

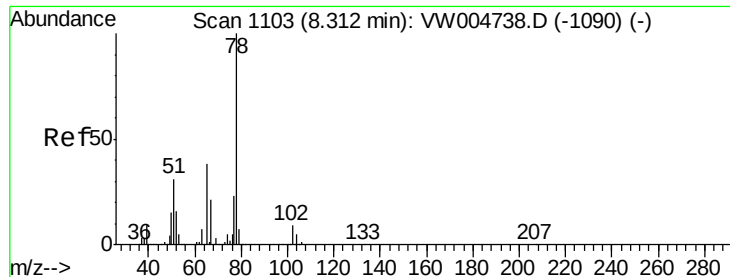
Tgt Ion: 43 Resp: 3570
Ion Ratio Lower Upper
43 100
72 11.4 22.0 33.0#



#31
Cyclohexane
Concen: 1.018 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW004795.D
Acq: 20 Aug 2018 17:02

Tgt Ion: 56 Resp: 10189
Ion Ratio Lower Upper
56 100
69 177.3 27.1 40.7#
84 147.7 68.3 102.5#

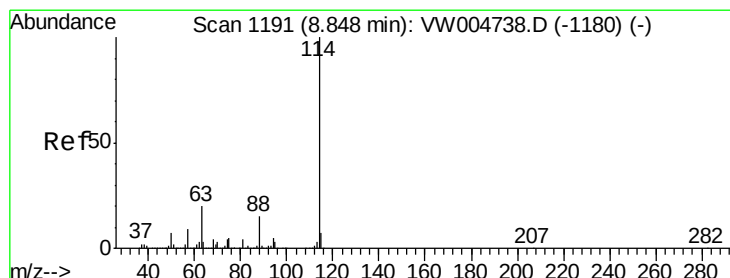
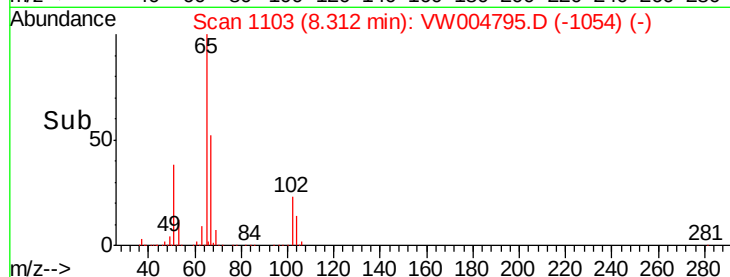
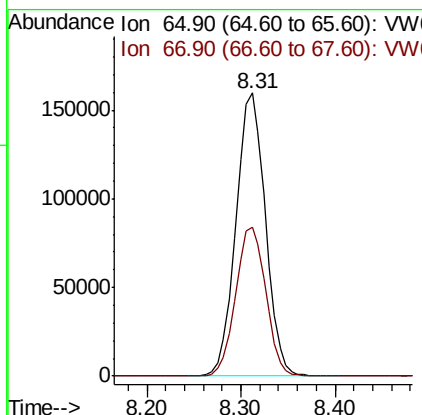
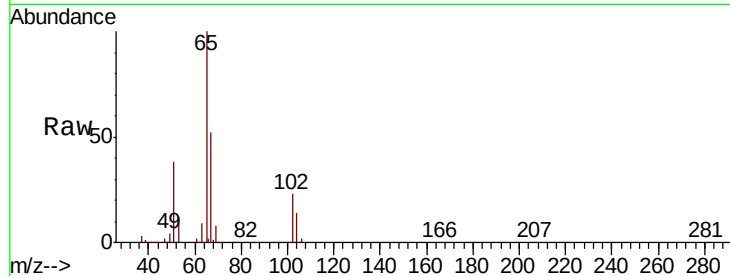




#33
 1,2-Dichloroethane-d4
 Concen: 67.852 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004795.D
 Acq: 20 Aug 2018 17:02

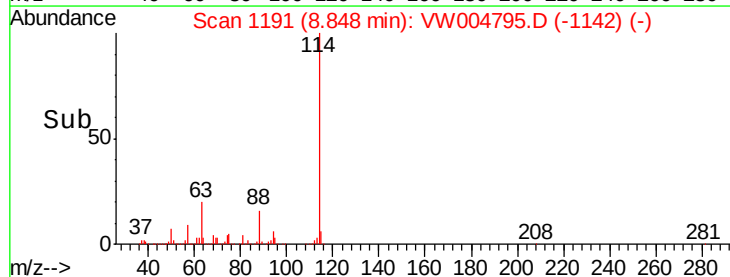
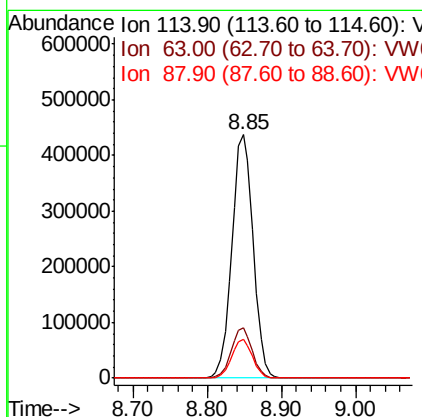
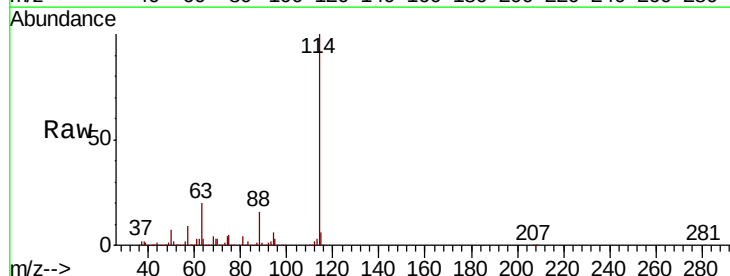
Instrument :
 MSVOA_W
 ClientSampleId :
 VSS4

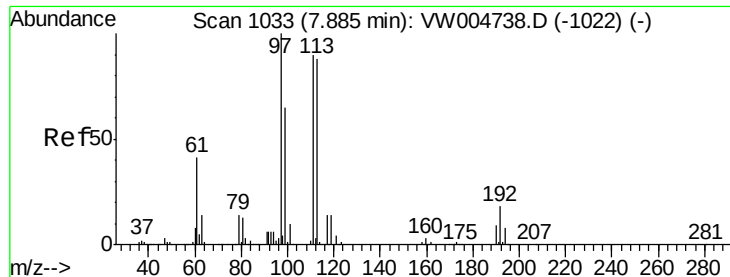
Tgt Ion: 65 Resp: 347507
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004795.D
 Acq: 20 Aug 2018 17:02

Tgt Ion: 114 Resp: 872084
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.0
 88 15.8 0.0 30.0

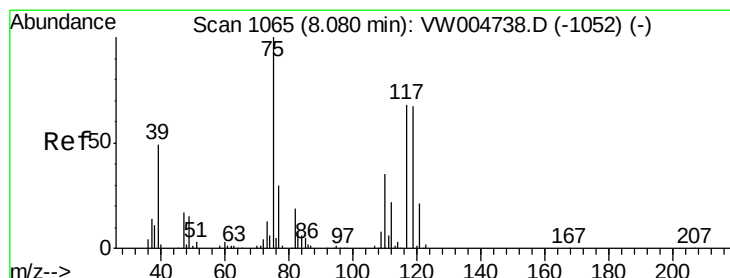
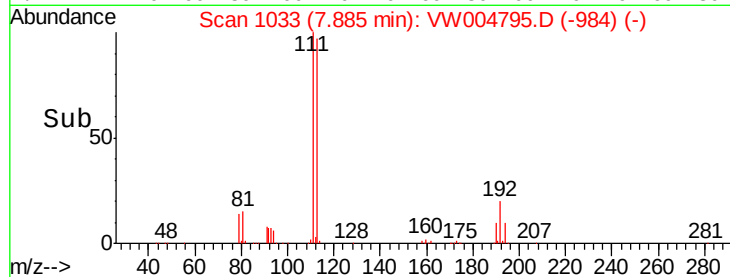
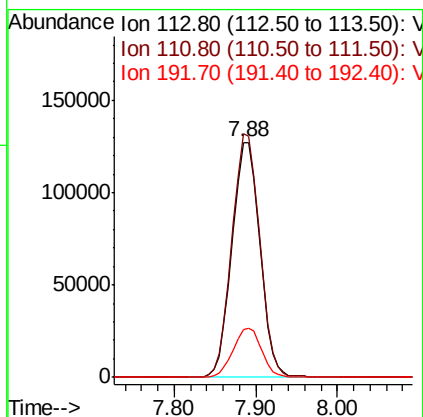
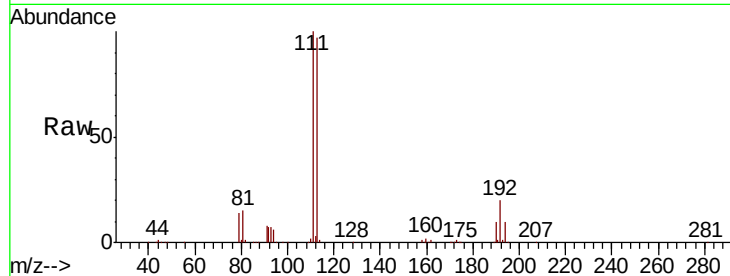




#35
 Dibromofluoromethane
 Concen: 54.044 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004795.D
 Acq: 20 Aug 2018 17:02

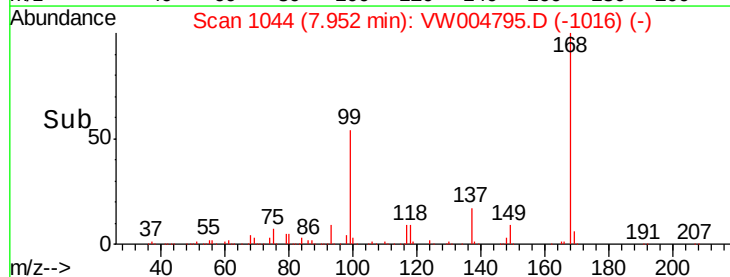
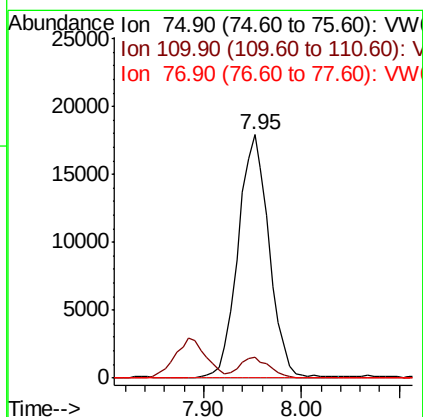
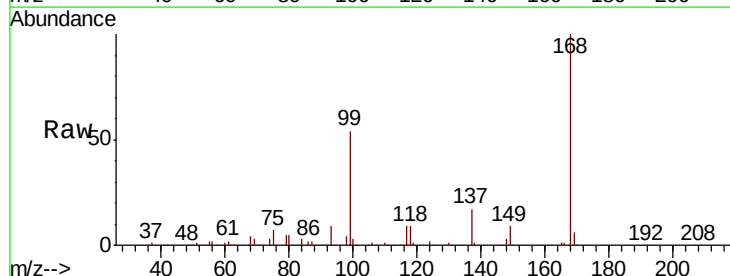
Instrument :
 MSVOA_W
 ClientSampleId :
 VSS4

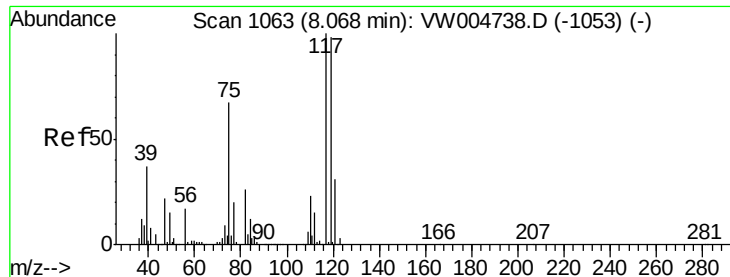
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.4	123.6
192	21.2	16.7	25.1



#36
 1,1-Dichloropropene
 Concen: 4.401 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004795.D
 Acq: 20 Aug 2018 17:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.2	17.8	53.5#
77	0.0	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 5.872 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004795.D

Acq: 20 Aug 2018 17:02

Instrument :

MSVOA_W

ClientSampleId :

VSS4

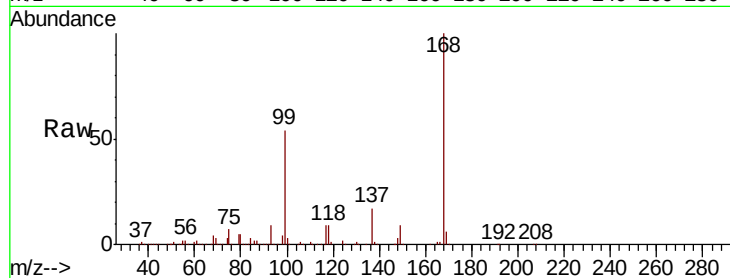
Tgt Ion:117 Resp: 48558

Ion Ratio Lower Upper

117 100

119 7.1 78.0 117.0#

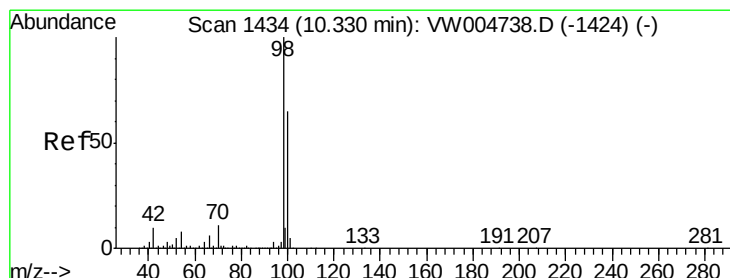
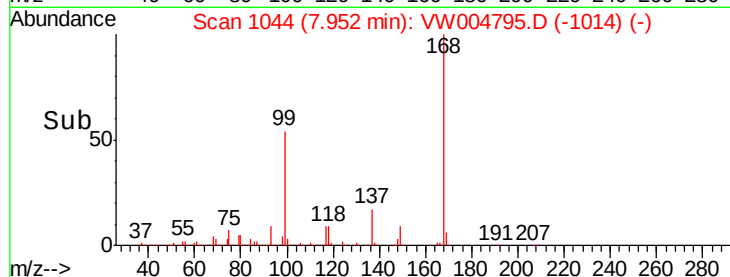
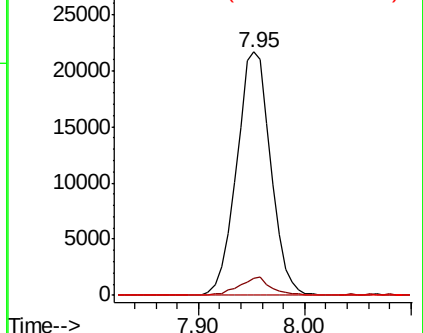
121 0.0 24.8 37.2#



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: 39.441 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004795.D

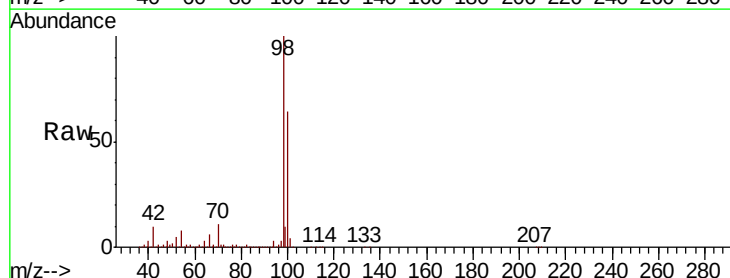
Acq: 20 Aug 2018 17:02

Tgt Ion: 98 Resp: 858154

Ion Ratio Lower Upper

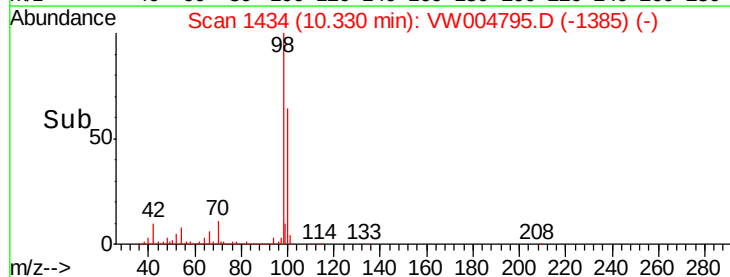
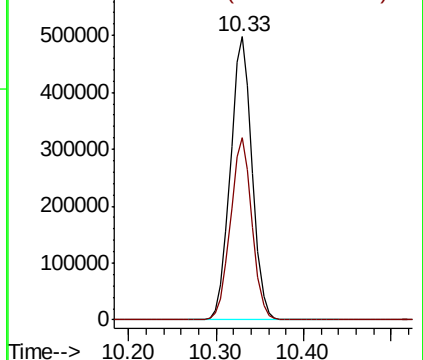
98 100

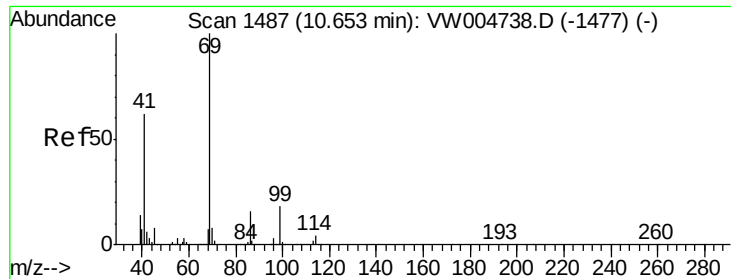
100 63.7 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#56

Ethyl methacrylate

Concen: 2.997 ug/l

RT: 10.64 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW004795.D

Acq: 20 Aug 2018 17:02

Instrument :

MSVOA_W

ClientSampled :

VSS4

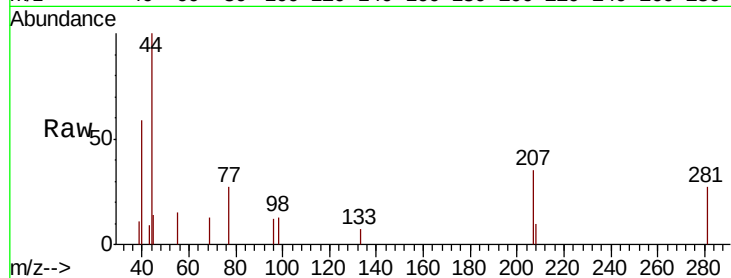
Tgt Ion: 69 Resp: 103

Ion Ratio Lower Upper

69 100

41 0.0 50.7 76.1#

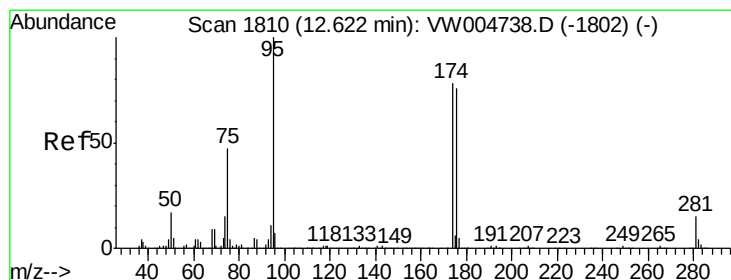
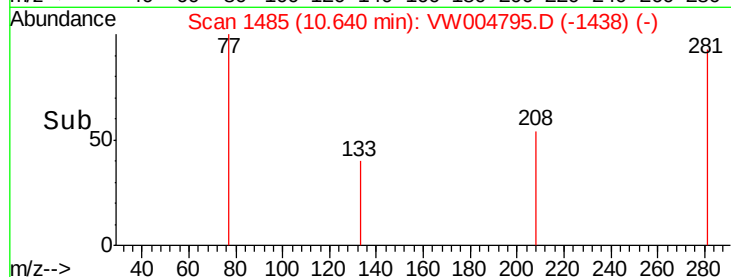
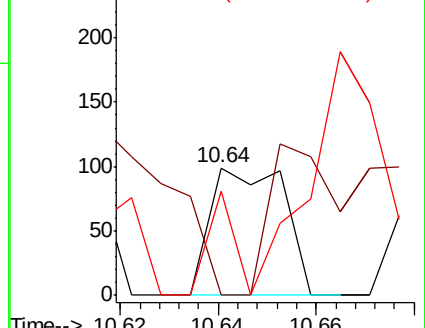
39 29.1 21.4 32.2



Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW



#62

4-Bromofluorobenzene

Concen: 27.946 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004795.D

Acq: 20 Aug 2018 17:02

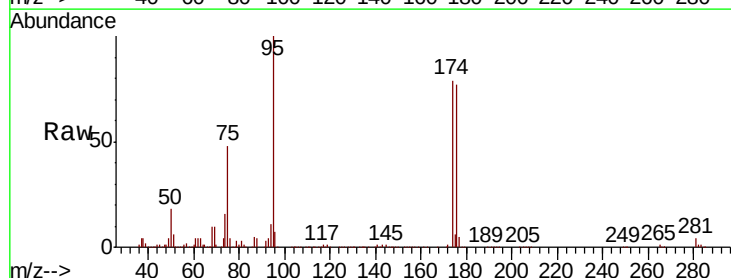
Tgt Ion: 95 Resp: 218747

Ion Ratio Lower Upper

95 100

174 83.7 0.0 165.8

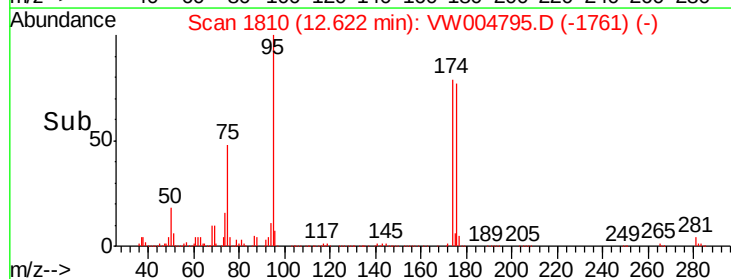
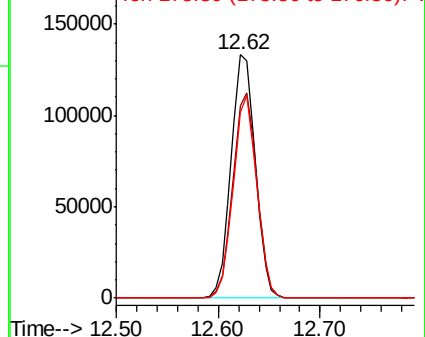
176 80.6 0.0 159.8

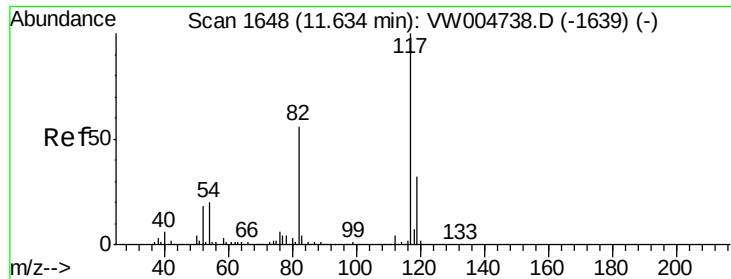


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

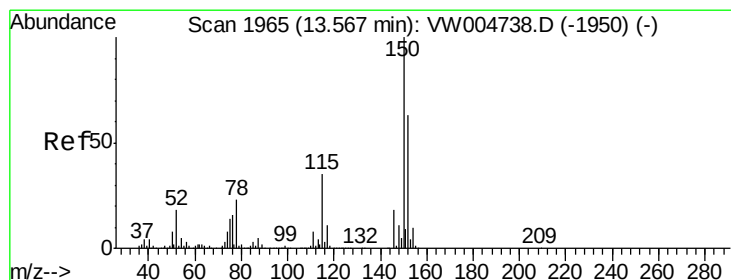
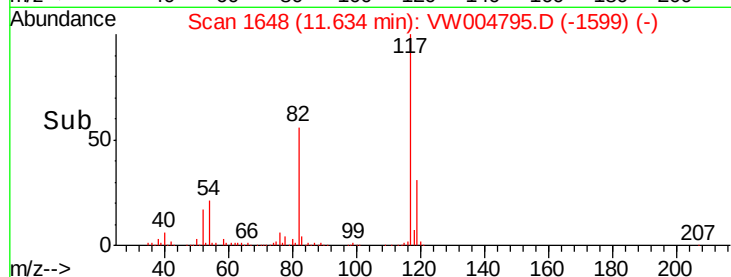
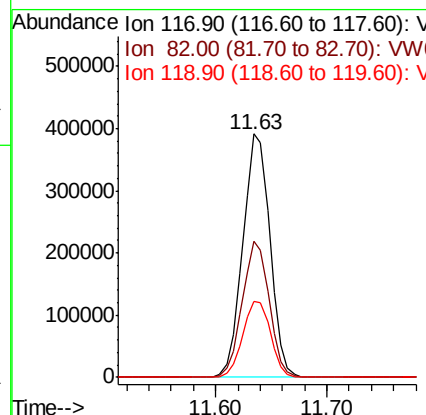
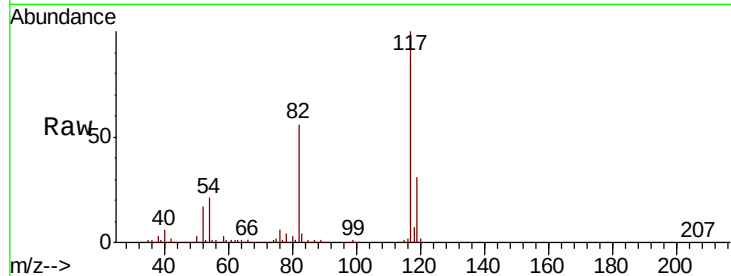




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004795.D
Acq: 20 Aug 2018 17:02

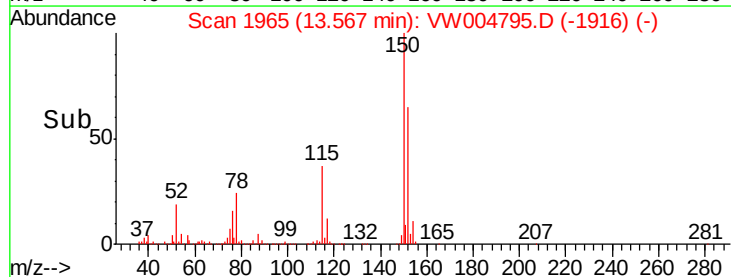
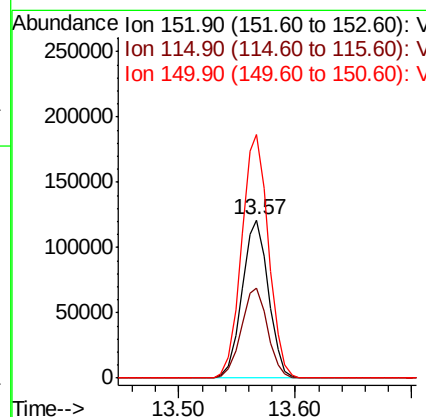
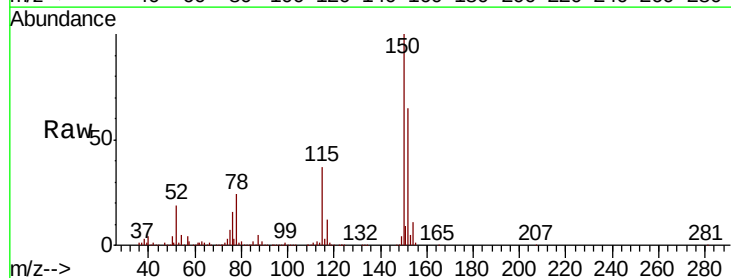
Instrument :
MSVOA_W
ClientSampled :
VSS4

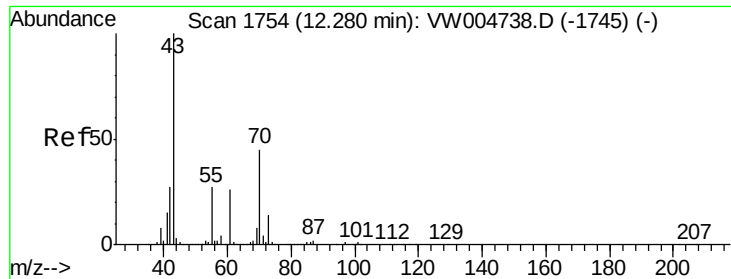
Tgt Ion:117 Resp: 659886
Ion Ratio Lower Upper
117 100
82 55.8 44.6 67.0
119 31.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004795.D
Acq: 20 Aug 2018 17:02

Tgt Ion:152 Resp: 190886
Ion Ratio Lower Upper
152 100
115 57.1 28.5 85.5
150 157.0 0.0 344.8





#74

N-amyI acetate

Concen: 4.074 ug/l

RT: 12.31 min Scan# 1759

Delta R.T. 0.03 min

Lab File: VW004795.D

Acq: 20 Aug 2018 17:02

Instrument :

MSVOA_W

ClientSampled :

VSS4

Tgt Ion: 43 Resp: 182

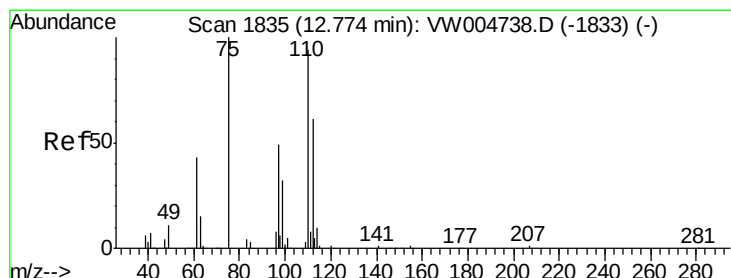
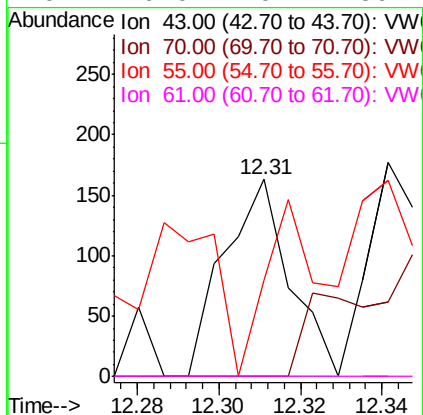
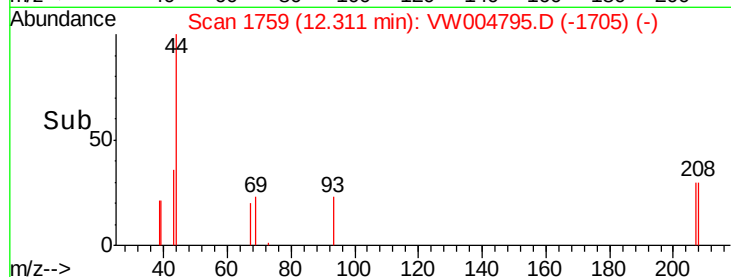
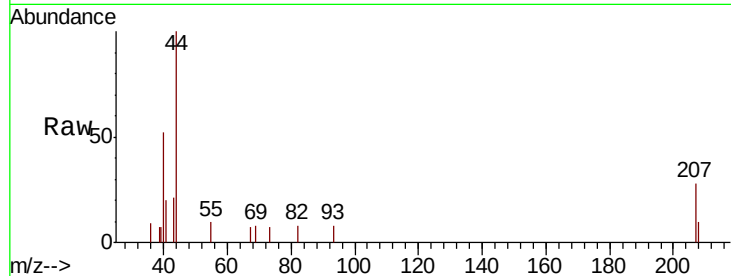
Ion Ratio Lower Upper

43 100

70 0.0 36.3 54.5#

55 75.8 22.6 33.8#

61 0.0 20.2 30.4#



#76

1,2,3-Trichloropropane

Concen: 61.312 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004795.D

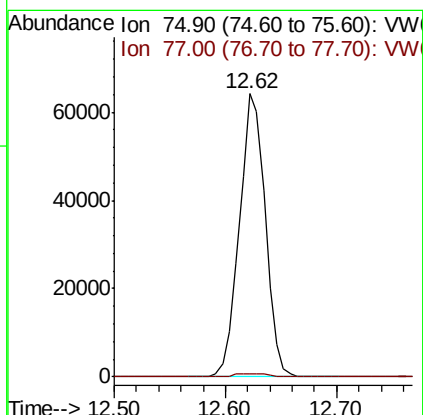
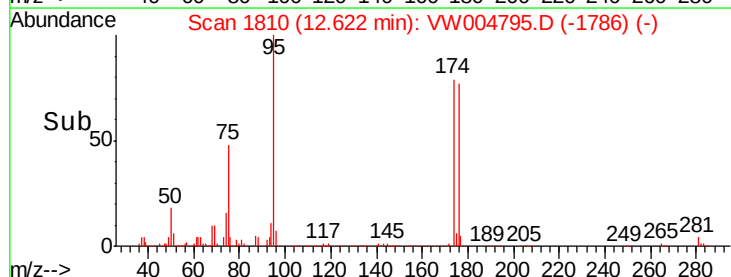
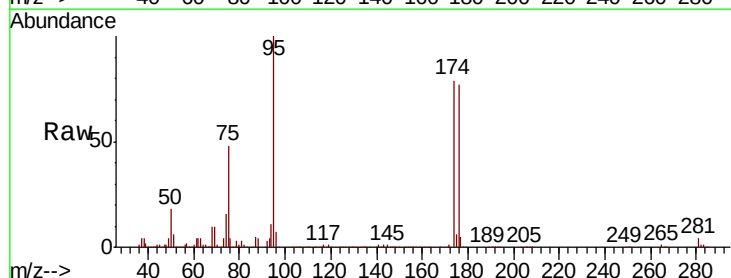
Acq: 20 Aug 2018 17:02

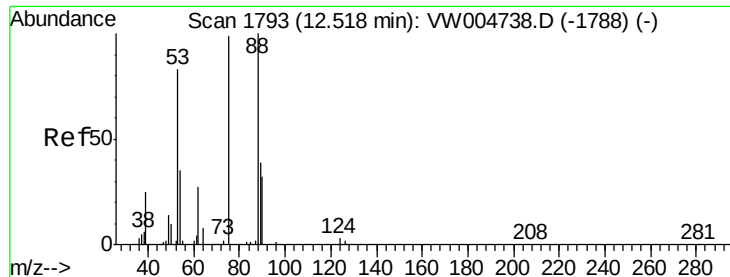
Tgt Ion: 75 Resp: 103170

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 142.506 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004795.D

Acq: 20 Aug 2018 17:02

Instrument :

MSVOA_W

ClientSampleId :

VSS4

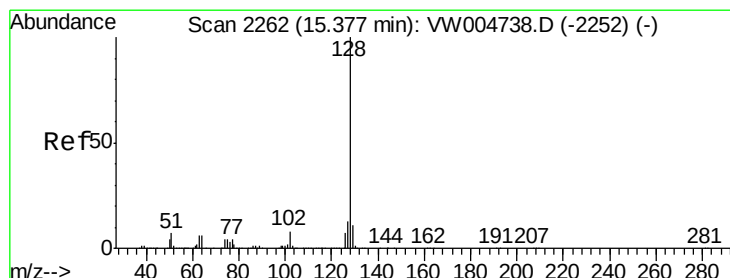
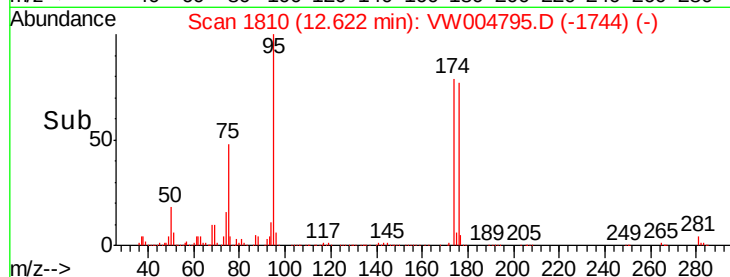
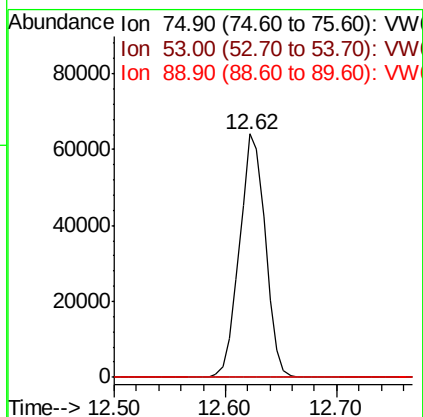
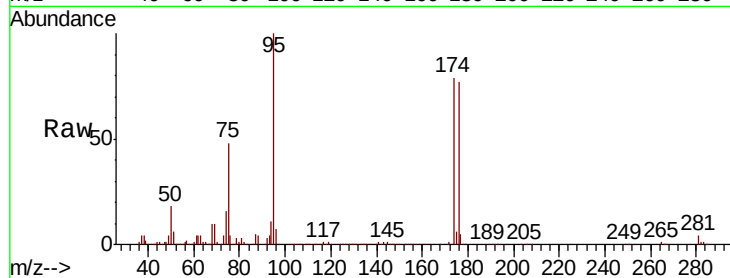
Tgt Ion: 75 Resp: 103170

Ion Ratio Lower Upper

75 100

53 0.3 72.2 108.4#

89 0.0 35.2 52.8#



#95

Naphthalene

Concen: 3.640 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004795.D

Acq: 20 Aug 2018 17:02

Tgt Ion: 128 Resp: 1120

Ion Ratio Lower Upper

128 100

127 9.8 10.4 15.6#

129 9.4 8.6 13.0

