

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081918\
 Data File : VW004771.D
 Acq On : 18 Aug 2018 09:56
 Operator : SY/AP
 Sample : J4521-07
 Misc : 6.08G/5ML/MSVOA W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 72-11969

Quant Time: Aug 20 12:00:26 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	525380	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	877040	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	622966	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	188977	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	294164	57.91	ug/l	0.00
Spiked Amount			Recovery	=	115.82%	
35) Dibromofluoromethane	7.89	113	285646	50.96	ug/l	0.00
Spiked Amount			Recovery	=	101.92%	
50) Toluene-d8	10.33	98	746836	34.13	ug/l	0.00
Spiked Amount			Recovery	=	68.26%	
62) 4-Bromofluorobenzene	12.62	95	218203	27.72	ug/l	0.00
Spiked Amount			Recovery	=	55.44%	

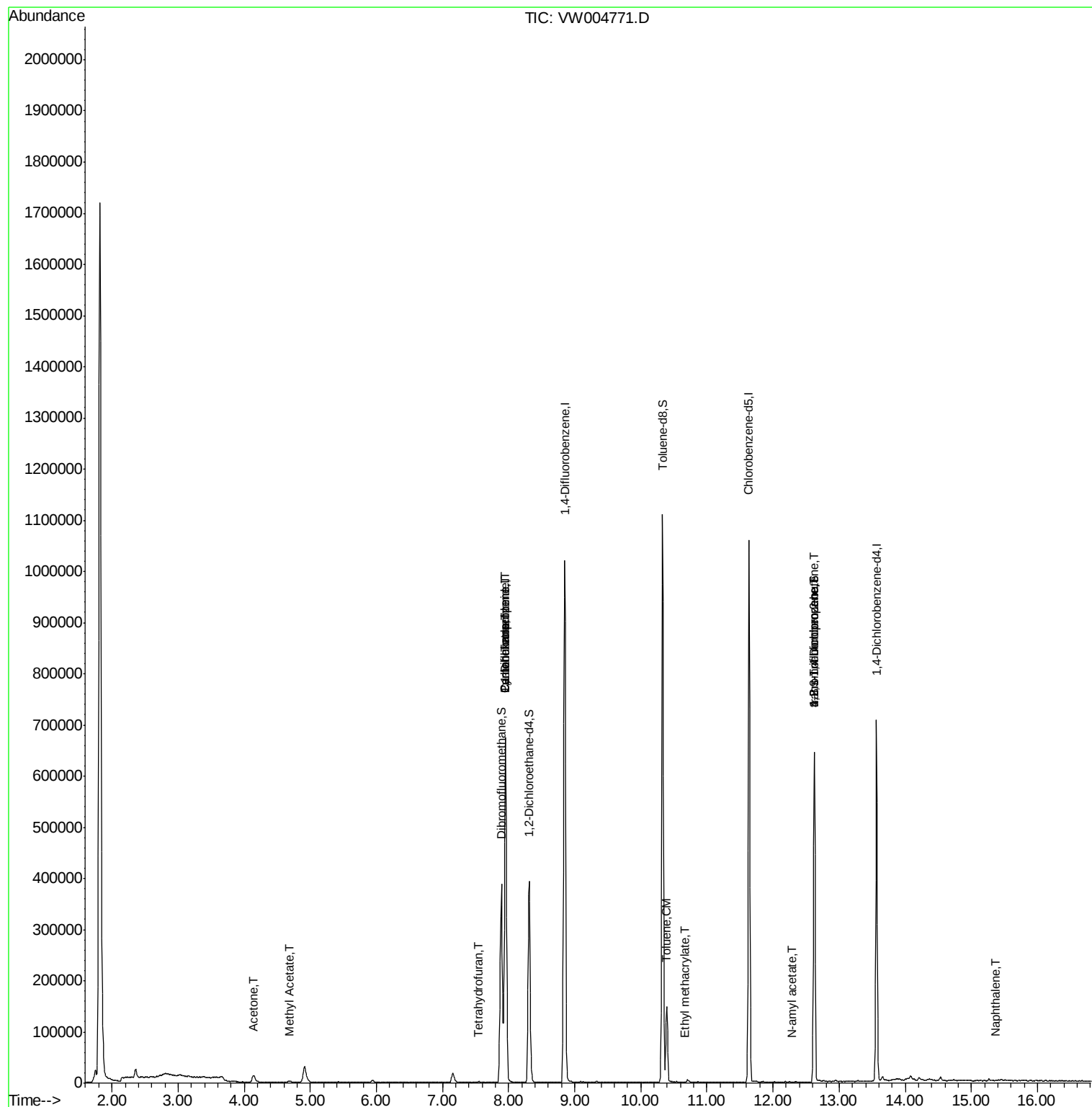
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	25113	19.37	ug/l	98
18) Methyl Acetate	4.68	43	6396	2.30	ug/l	97
29) Tetrahydrofuran	7.55	42	954	1.01	ug/l #	72
31) Cyclohexane	7.95	56	10027	1.01	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	38863	4.30	ug/l #	48
38) Carbon Tetrachloride	7.95	117	48645	5.85	ug/l #	16
52) Toluene	10.40	92	62621	3.98	ug/l	99
56) Ethyl methacrylate	10.66	69	47	2.99	ug/l #	1
74) N-amyl acetate	12.28	43	66	4.04	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	102578	61.58	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	102578	143.12	ug/l #	14
95) Naphthalene	15.37	128	757	3.60	ug/l #	81

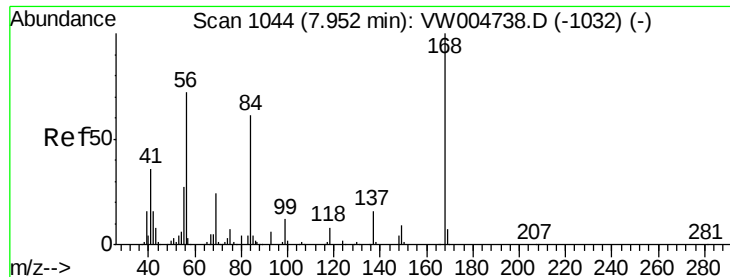
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004771.D

Acq: 18 Aug 2018 09:56

Instrument :

MSVOA_W

ClientSampleId :

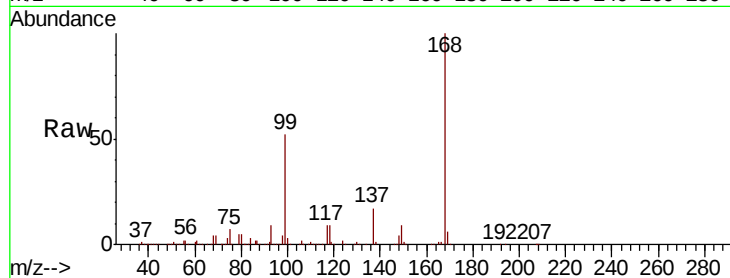
72-11969

Tot Ion:168 Resp: 525380

Ion Ratio Lower Upper

168 100

99 52.1 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

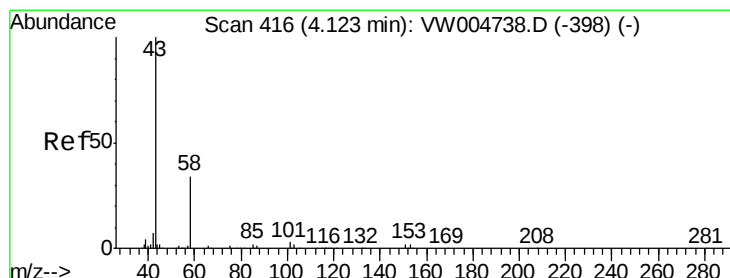
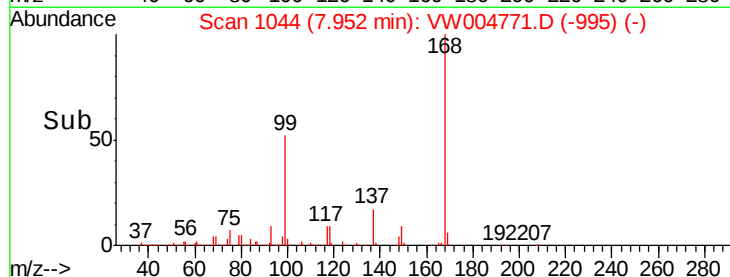
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 19.37 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.02 min

Lab File: VW004771.D

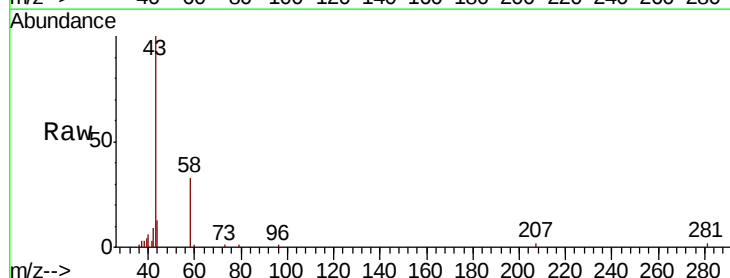
Acq: 18 Aug 2018 09:56

Tgt Ion: 43 Resp: 25113

Ion Ratio Lower Upper

43 100

58 32.9 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

8000

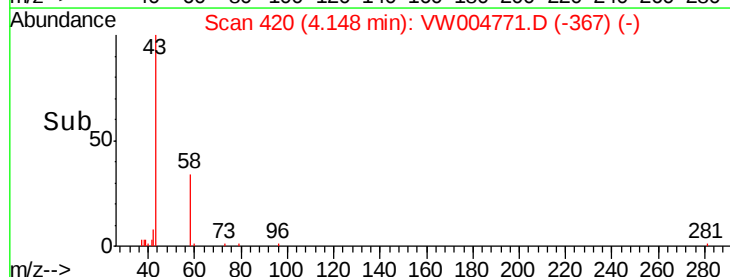
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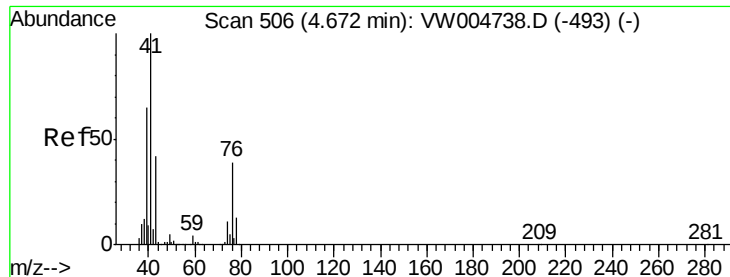
4000

2000

0

Time--> 4.00 4.10 4.20 4.30

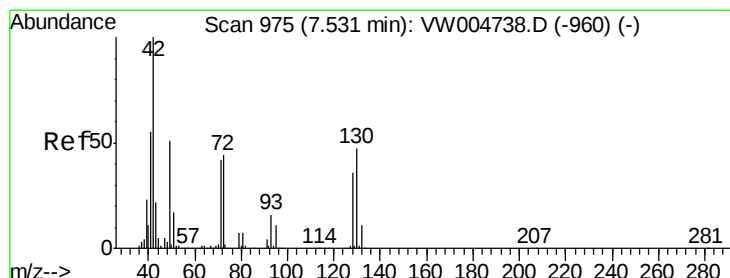
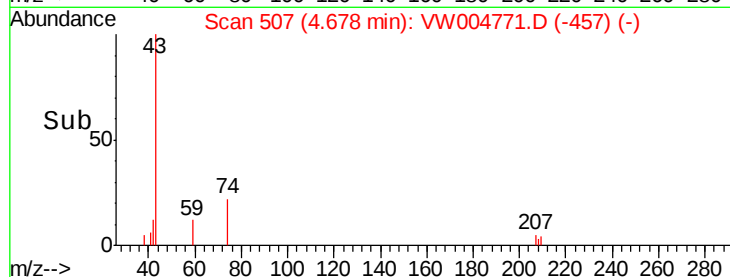
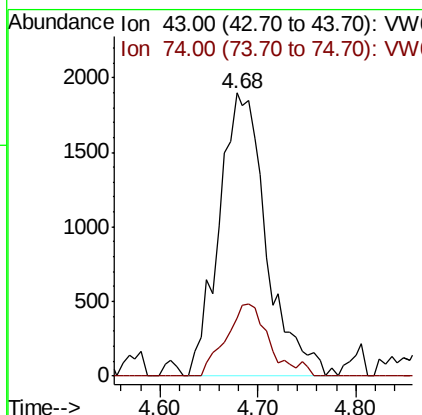
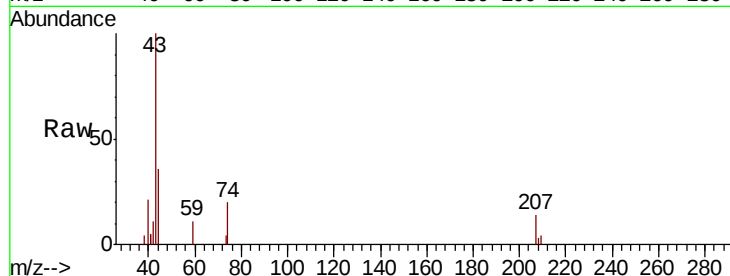




#18
Methvl Acetate
Concen: 2.30 ug/l
RT: 4.68 min Scan# 507
Delta R.T. 0.01 min
Lab File: VW004771.D
Acq: 18 Aug 2018 09:56

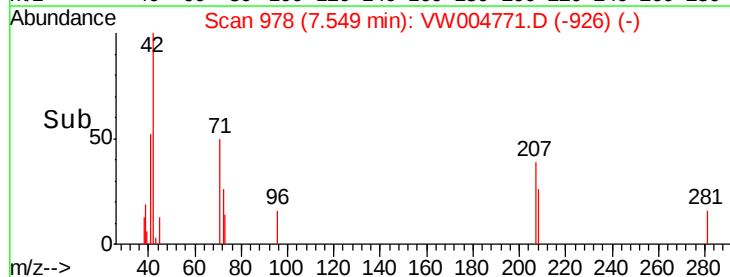
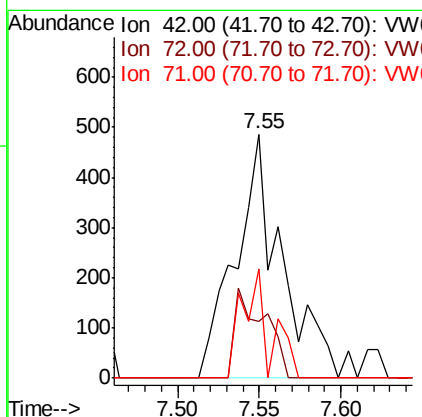
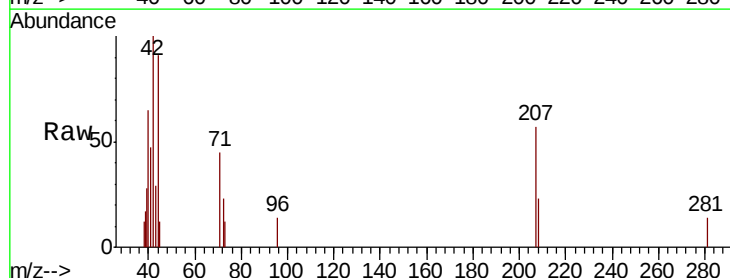
Instrument :
MSVOA_W
ClientSampled :
72-11969

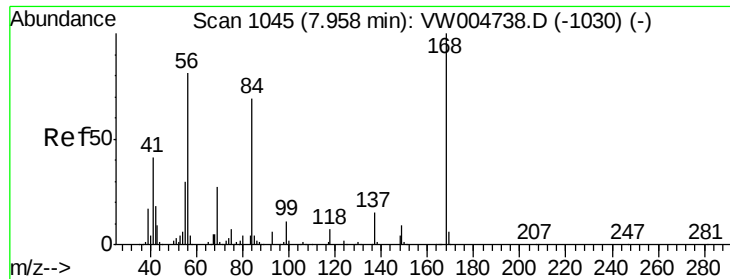
Tot Ion: 43 Resp: 6396
Ion Ratio Lower Upper
43 100
74 23.3 19.8 29.8



#29
Tetrahydrofuran
Concen: 1.01 ug/l
RT: 7.55 min Scan# 978
Delta R.T. 0.02 min
Lab File: VW004771.D
Acq: 18 Aug 2018 09:56

Tgt Ion: 42 Resp: 954
Ion Ratio Lower Upper
42 100
72 23.7 34.9 52.3#
71 26.7 33.8 50.6#

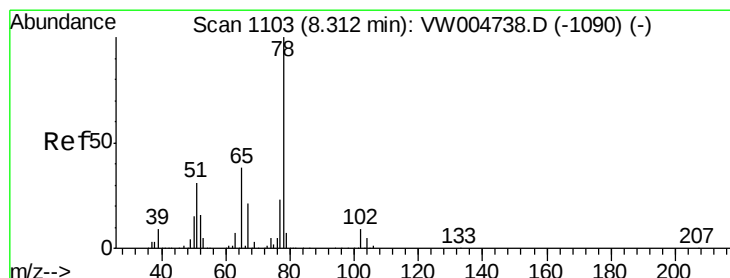
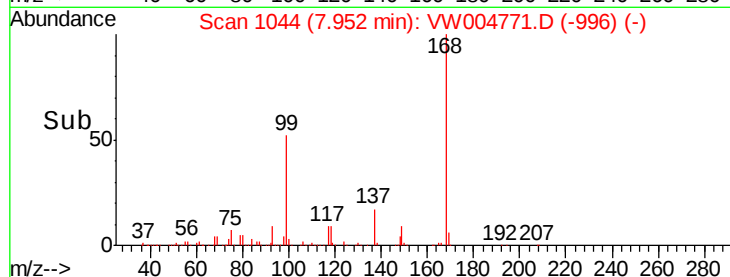
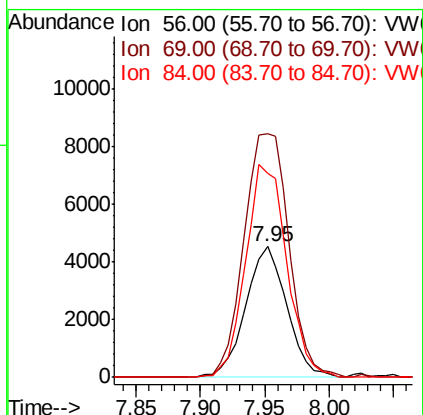
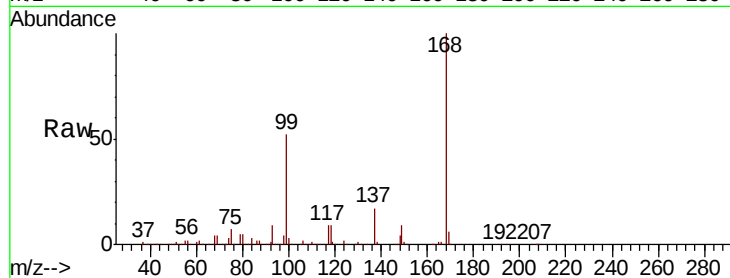




#31
Cyclohexane
Concen: 1.01 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW004771.D
Acq: 18 Aug 2018 09:56

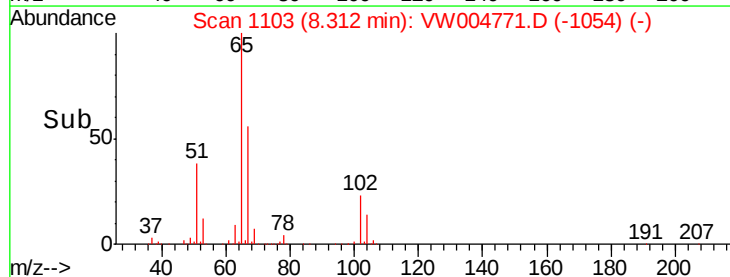
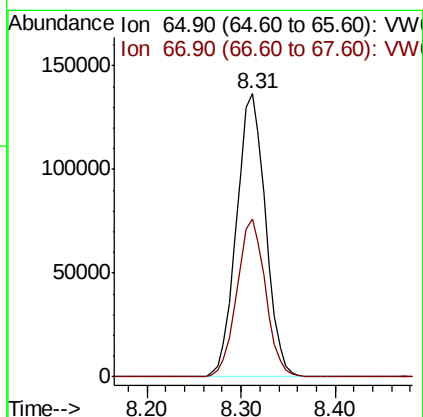
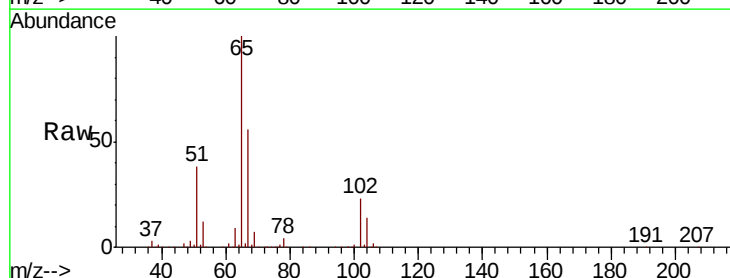
Instrument :
MSVOA_W
ClientSampled :
72-11969

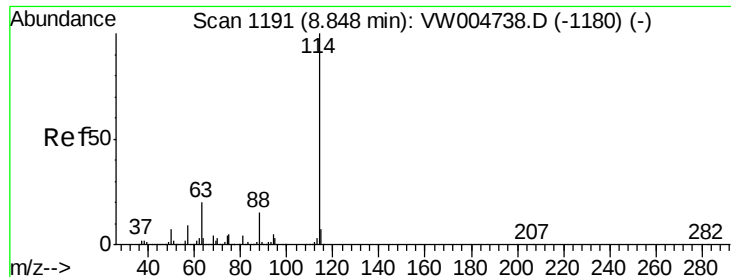
Tot Ion: 56 Resp: 10027
Ion Ratio Lower Upper
56 100
69 186.3 27.1 40.7#
84 156.3 68.3 102.5#



#33
1,2-Dichloroethane-d4
Concen: 57.91 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VW004771.D
Acq: 18 Aug 2018 09:56

Tgt Ion: 65 Resp: 294164
Ion Ratio Lower Upper
65 100
67 54.7 0.0 109.4

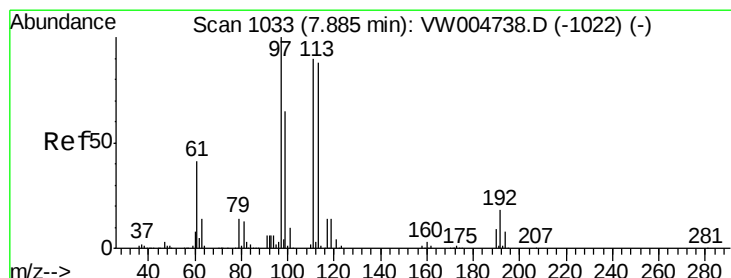
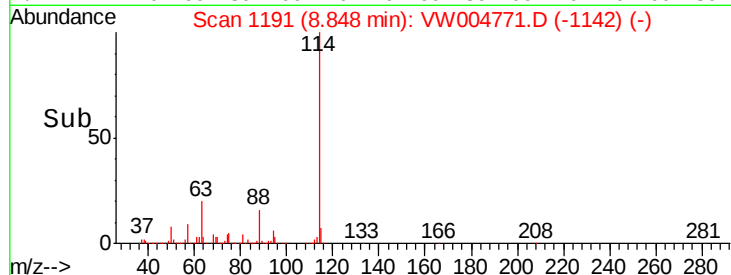
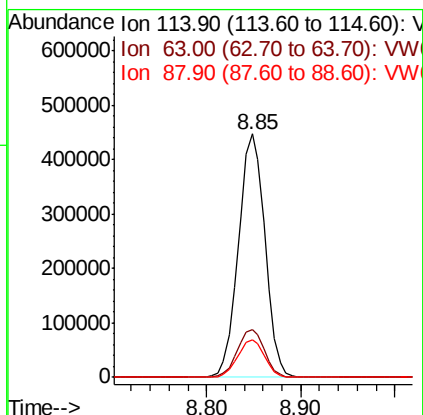
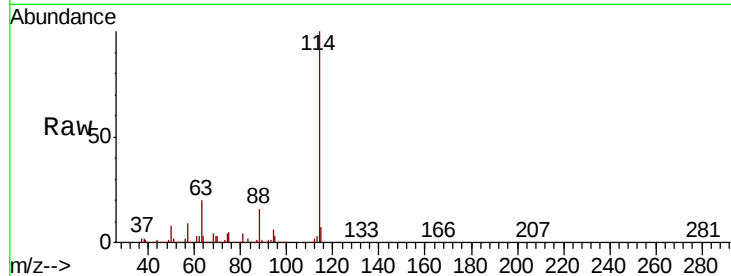




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004771.D
 Acq: 18 Aug 2018 09:56

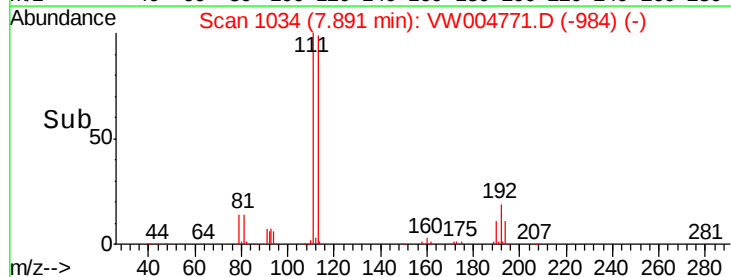
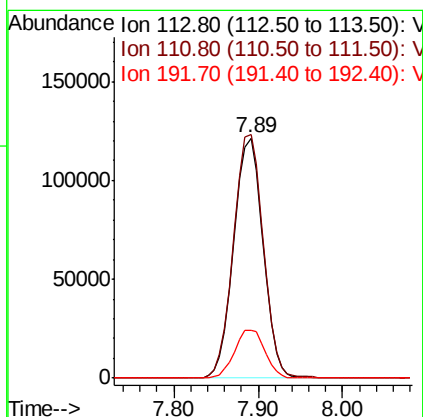
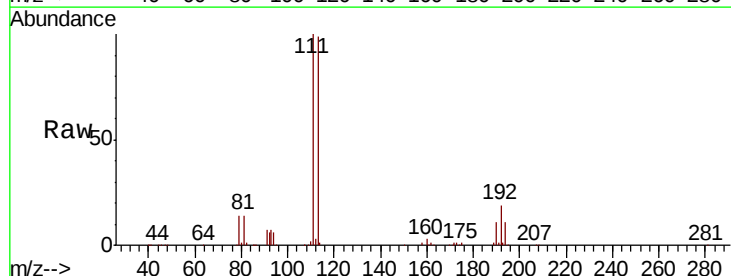
Instrument :
 MSVOA_W
 ClientSampleId :
 72-11969

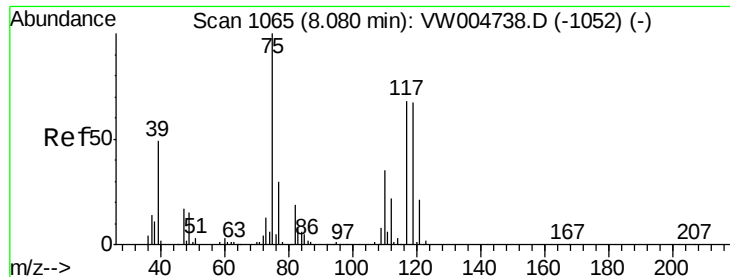
Tot Ion:114 Resp: 877040
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.0
 88 15.6 0.0 30.0



#35
 Dibromofluoromethane
 Concen: 50.96 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004771.D
 Acq: 18 Aug 2018 09:56

Tgt Ion:113 Resp: 285646
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.4 123.6
 192 20.9 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.30 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW004771.D

Acq: 18 Aug 2018 09:56

Instrument :

MSVOA_W

ClientSampled :

72-11969

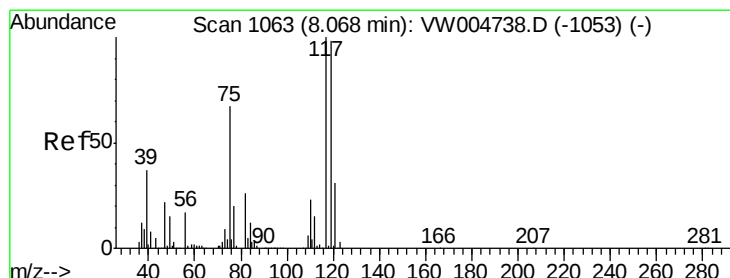
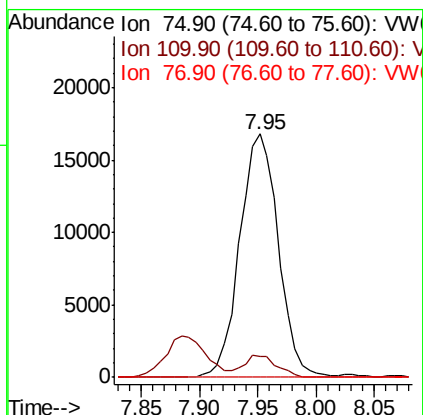
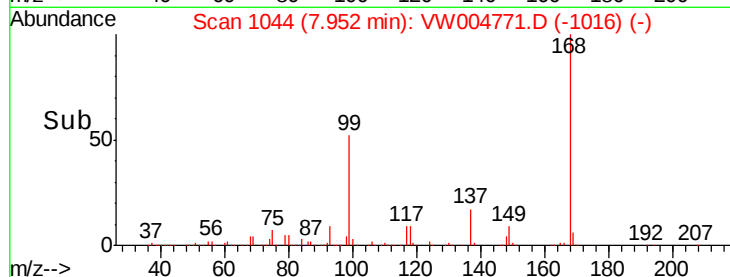
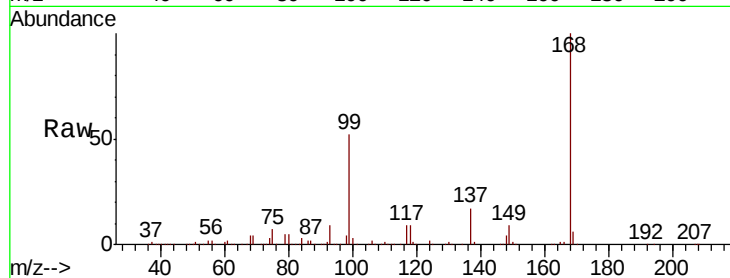
Tot Ion: 75 Resp: 38863

Ion Ratio Lower Upper

75 100

110 7.6 17.8 53.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 5.85 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004771.D

Acq: 18 Aug 2018 09:56

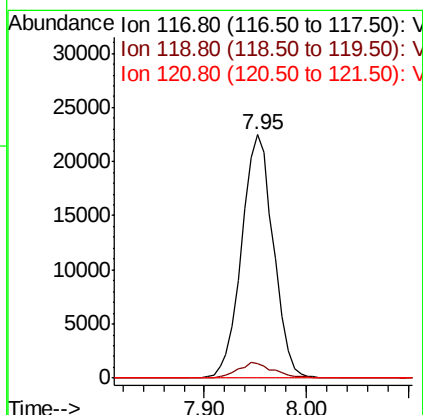
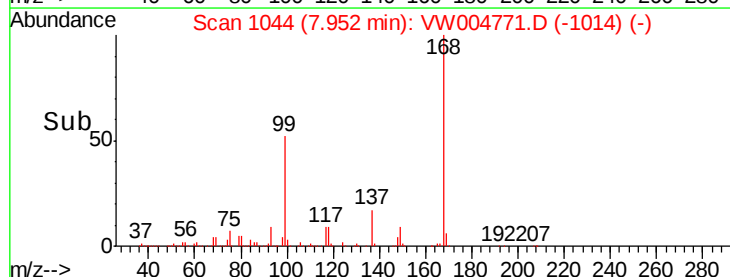
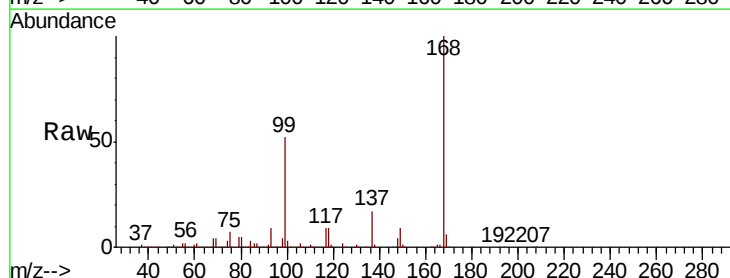
Tgt Ion: 117 Resp: 48645

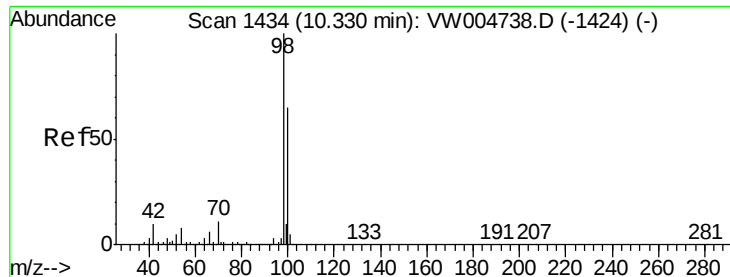
Ion Ratio Lower Upper

117 100

119 6.1 78.0 117.0#

121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 34.13 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004771.D

Acq: 18 Aug 2018 09:56

Instrument :

MSVOA_W

ClientSampleId :

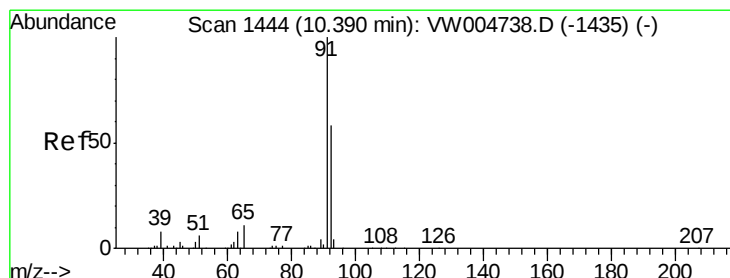
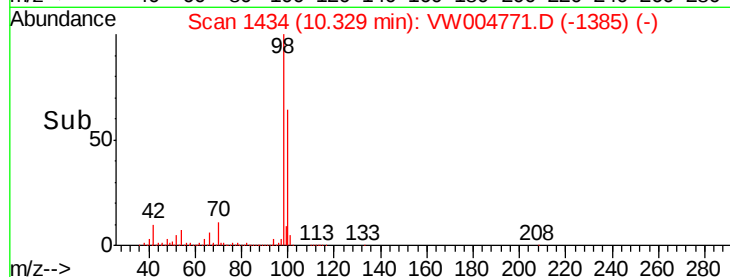
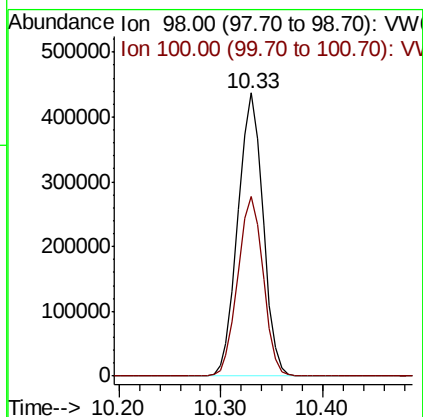
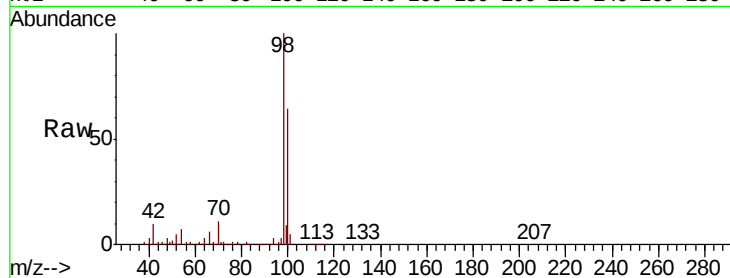
72-11969

Tot Ion: 98 Resp: 746836

Ion Ratio Lower Upper

98 100

100 64.0 51.8 77.8



#52

Toluene

Concen: 3.98 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. 0.01 min

Lab File: VW004771.D

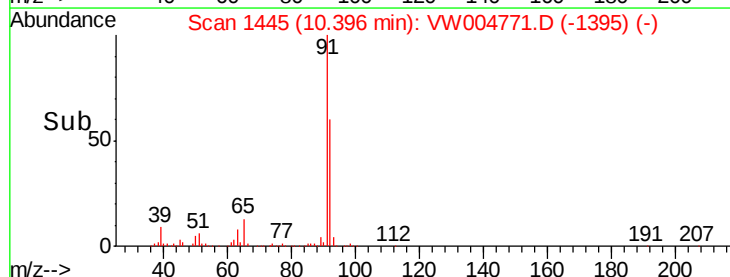
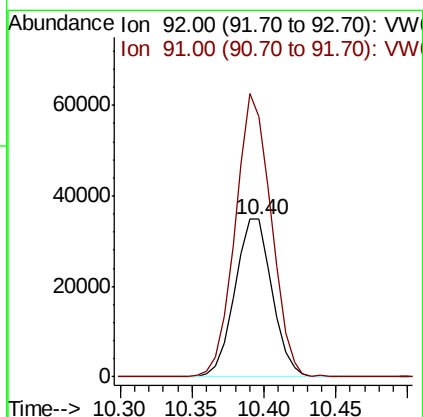
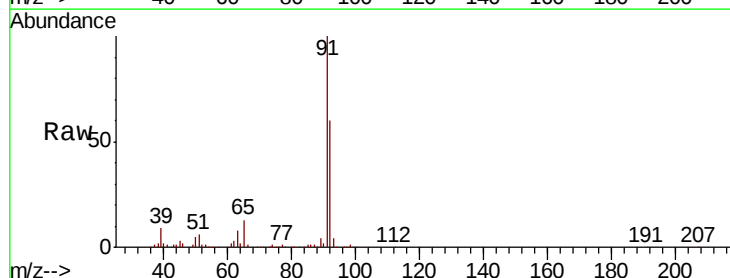
Acq: 18 Aug 2018 09:56

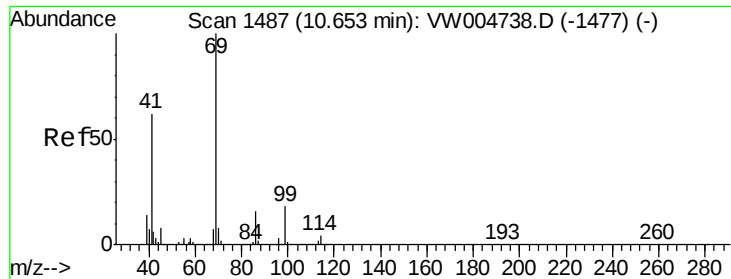
Tgt Ion: 92 Resp: 62621

Ion Ratio Lower Upper

92 100

91 173.6 138.3 207.5





#56

Ethyl methacrylate

Concen: 2.99 ug/l

RT: 10.66 min Scan# 1489

Delta R.T. 0.01 min

Lab File: VW004771.D

Acq: 18 Aug 2018 09:56

Instrument :

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72-11969

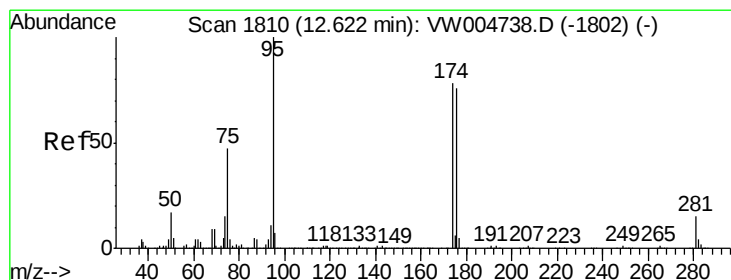
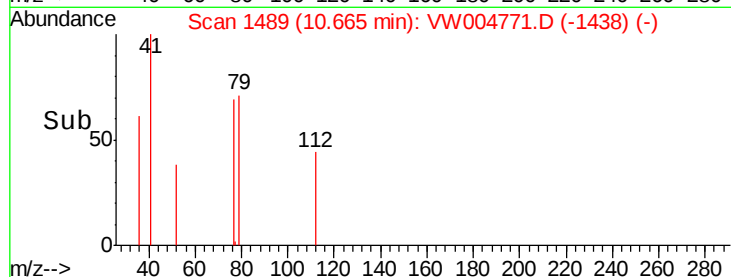
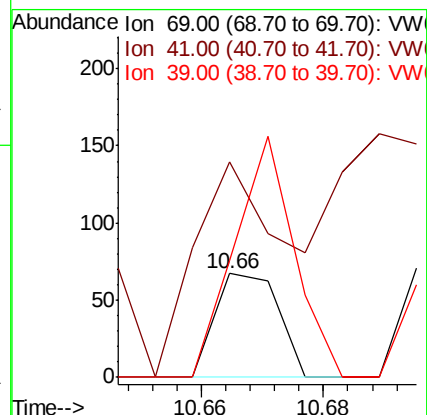
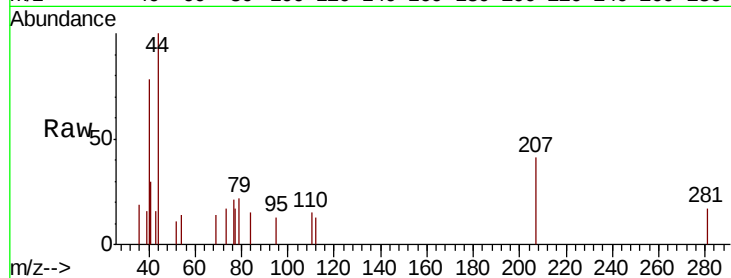
Tot Ion: 69 Resp: 47

Ion Ratio Lower Upper

69 100

41 310.6 50.7 76.1#

39 0.0 21.4 32.2#



#62

4-Bromofluorobenzene

Concen: 27.72 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004771.D

Acq: 18 Aug 2018 09:56

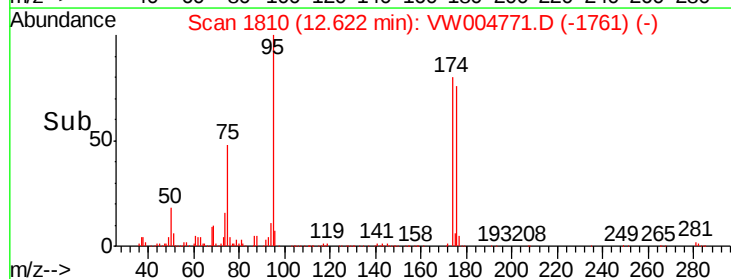
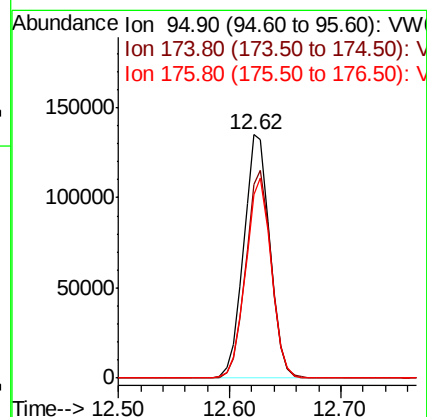
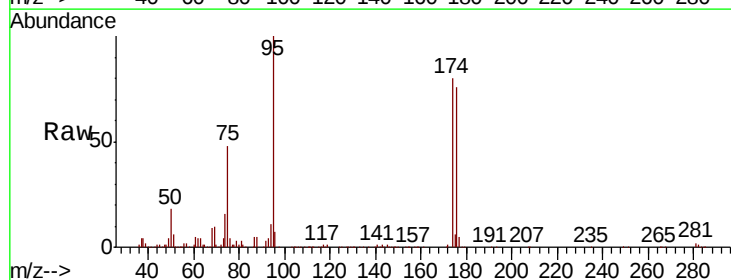
Tgt Ion: 95 Resp: 218203

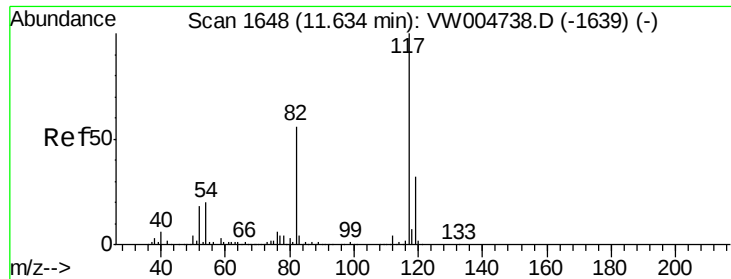
Ion Ratio Lower Upper

95 100

174 83.6 0.0 165.8

176 80.9 0.0 159.8

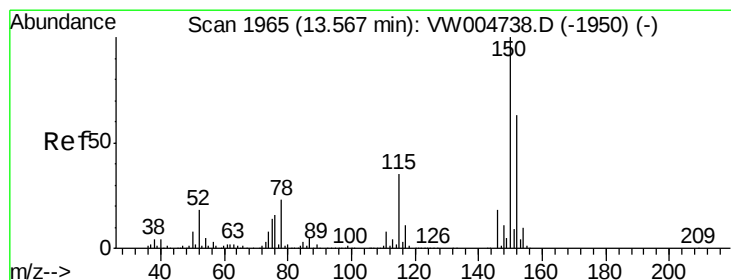
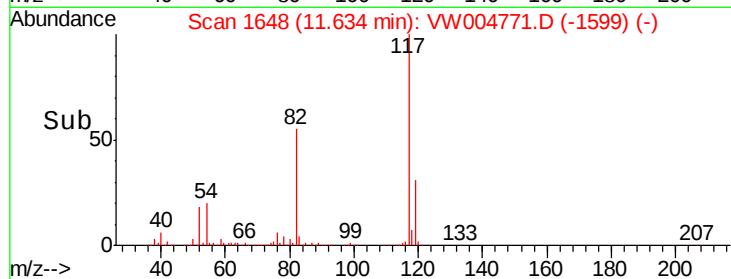
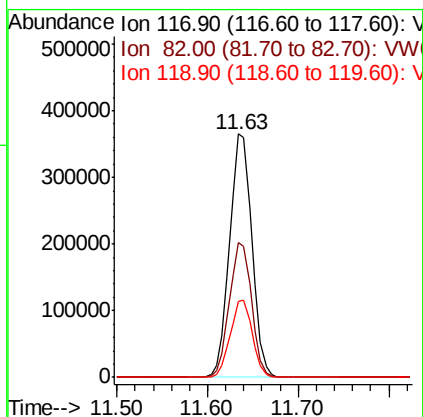
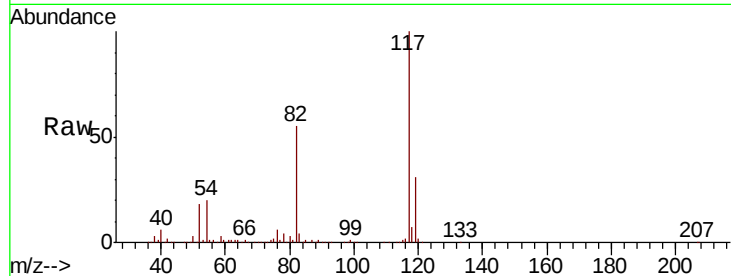




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004771.D
Acq: 18 Aug 2018 09:56

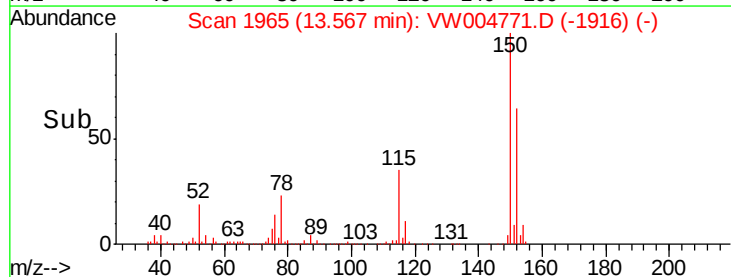
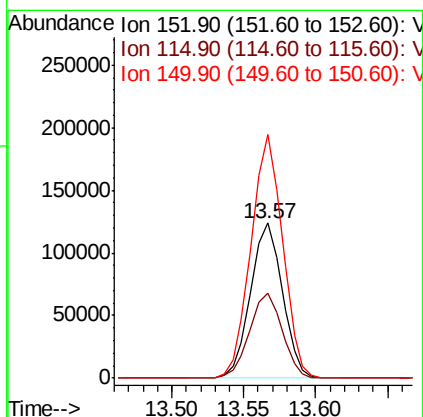
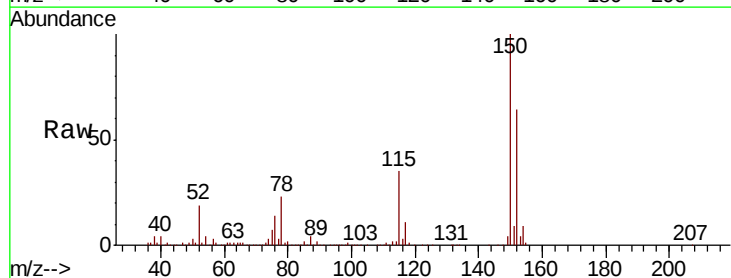
Instrument :
MSVOA_W
ClientSampleId :
72-11969

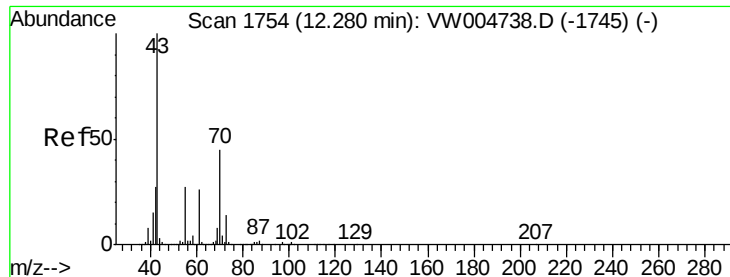
Tot Ion:117 Resp: 622966
Ion Ratio Lower Upper
117 100
82 55.4 44.6 67.0
119 31.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004771.D
Acq: 18 Aug 2018 09:56

Tgt Ion:152 Resp: 188977
Ion Ratio Lower Upper
152 100
115 56.2 28.5 85.5
150 155.8 0.0 344.8





#74

N-amvl acetate

Concen: 4.04 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004771.D

Acq: 18 Aug 2018 09:56

Instrument :

MSVOA_W

ClientSampleId :

72-11969

Tot Ion: 43 Resp: 66

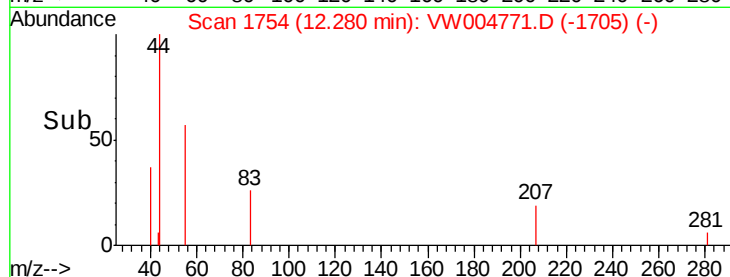
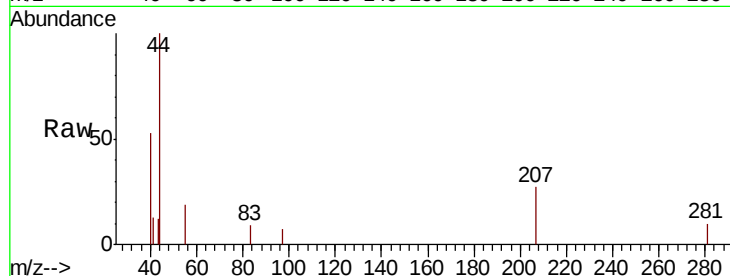
Ion Ratio Lower Upper

43 100

70 0.0 36.3 54.5#

55 398.5 22.6 33.8#

61 0.0 20.2 30.4#

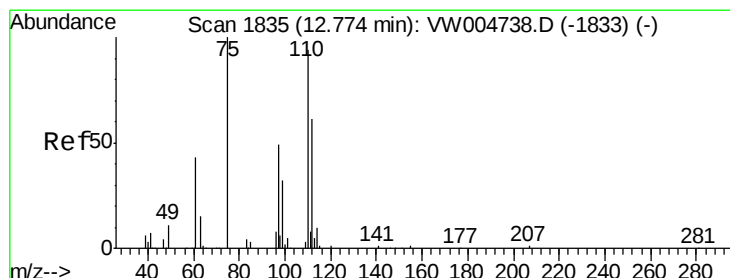
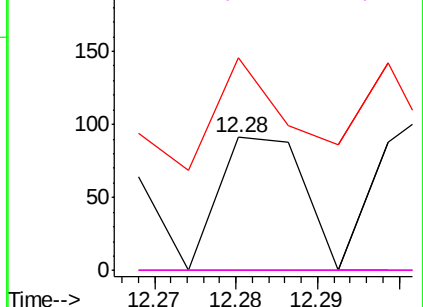


Abundance Ion 43.00 (42.70 to 43.70): VW

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: 61.58 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004771.D

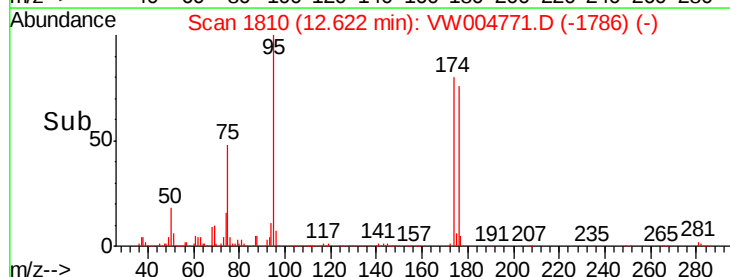
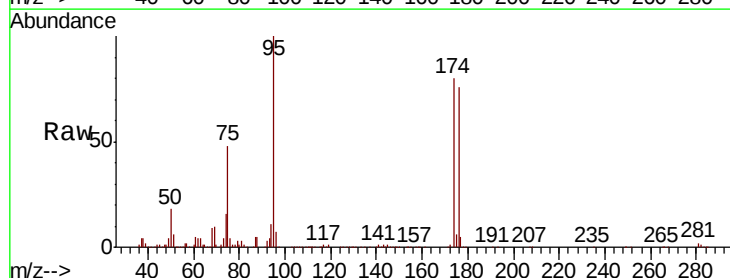
Acq: 18 Aug 2018 09:56

Tgt Ion: 75 Resp: 102578

Ion Ratio Lower Upper

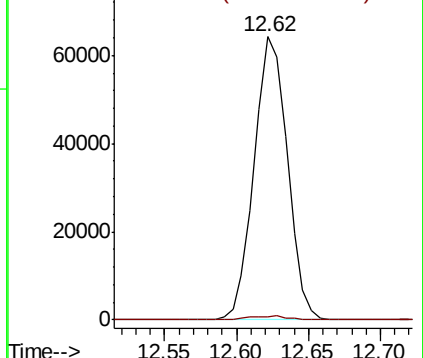
75 100

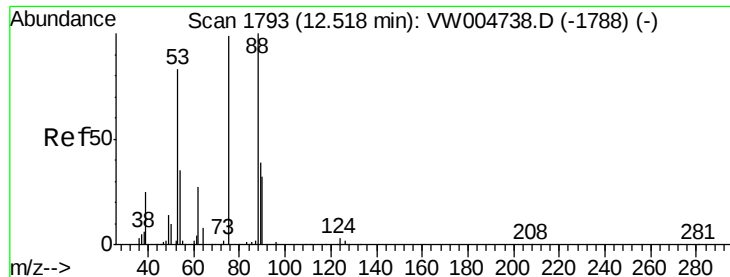
77 1.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

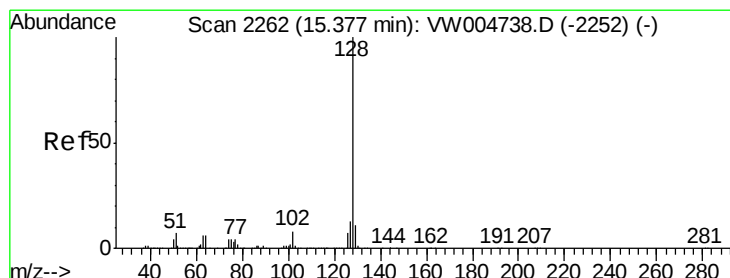
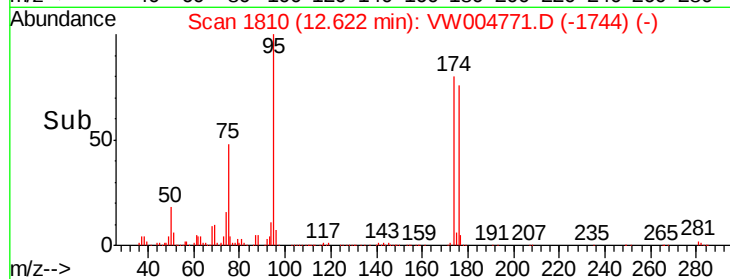
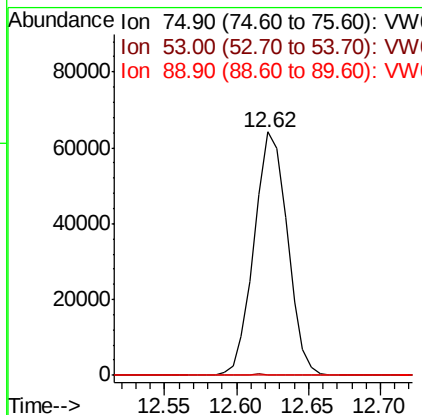
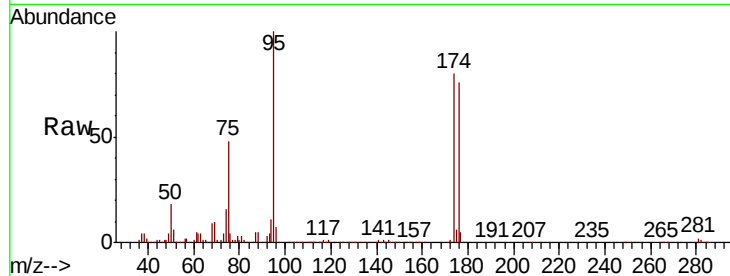




#81
trans-1,4-Dichloro-2-butene
Concen: 143.12 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.10 min
Lab File: VW004771.D
Acq: 18 Aug 2018 09:56

Instrument :
MSVOA_W
ClientSampleId :
72-11969

Tot Ion: 75 Resp: 102578
Ion Ratio Lower Upper
75 100
53 0.5 72.2 108.4#
89 0.0 35.2 52.8#



#95
Naphthalene
Concen: 3.60 ug/l
RT: 15.37 min Scan# 2261
Delta R.T. -0.01 min
Lab File: VW004771.D
Acq: 18 Aug 2018 09:56

Tgt Ion: 128 Resp: 757
Ion Ratio Lower Upper
128 100
127 8.7 10.4 15.6#
129 0.0 8.6 13.0#

