

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081918\
 Data File : VW004776.D
 Acq On : 18 Aug 2018 12:05
 Operator : SY/AP
 Sample : J4521-22
 Misc : 6.37G/5ML/MSVOA W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 72-11979

Quant Time: Aug 20 12:01:33 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	432139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	783083	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	739236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	318114	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	272394	65.20	ug/l	0.00
Spiked Amount			Recovery	=	130.40%	
35) Dibromofluoromethane	7.88	113	258189	51.59	ug/l	0.00
Spiked Amount			Recovery	=	103.18%	
50) Toluene-d8	10.33	98	843402	43.17	ug/l	0.00
Spiked Amount			Recovery	=	86.34%	
62) 4-Bromofluorobenzene	12.62	95	290187	41.29	ug/l	0.00
Spiked Amount			Recovery	=	82.58%	

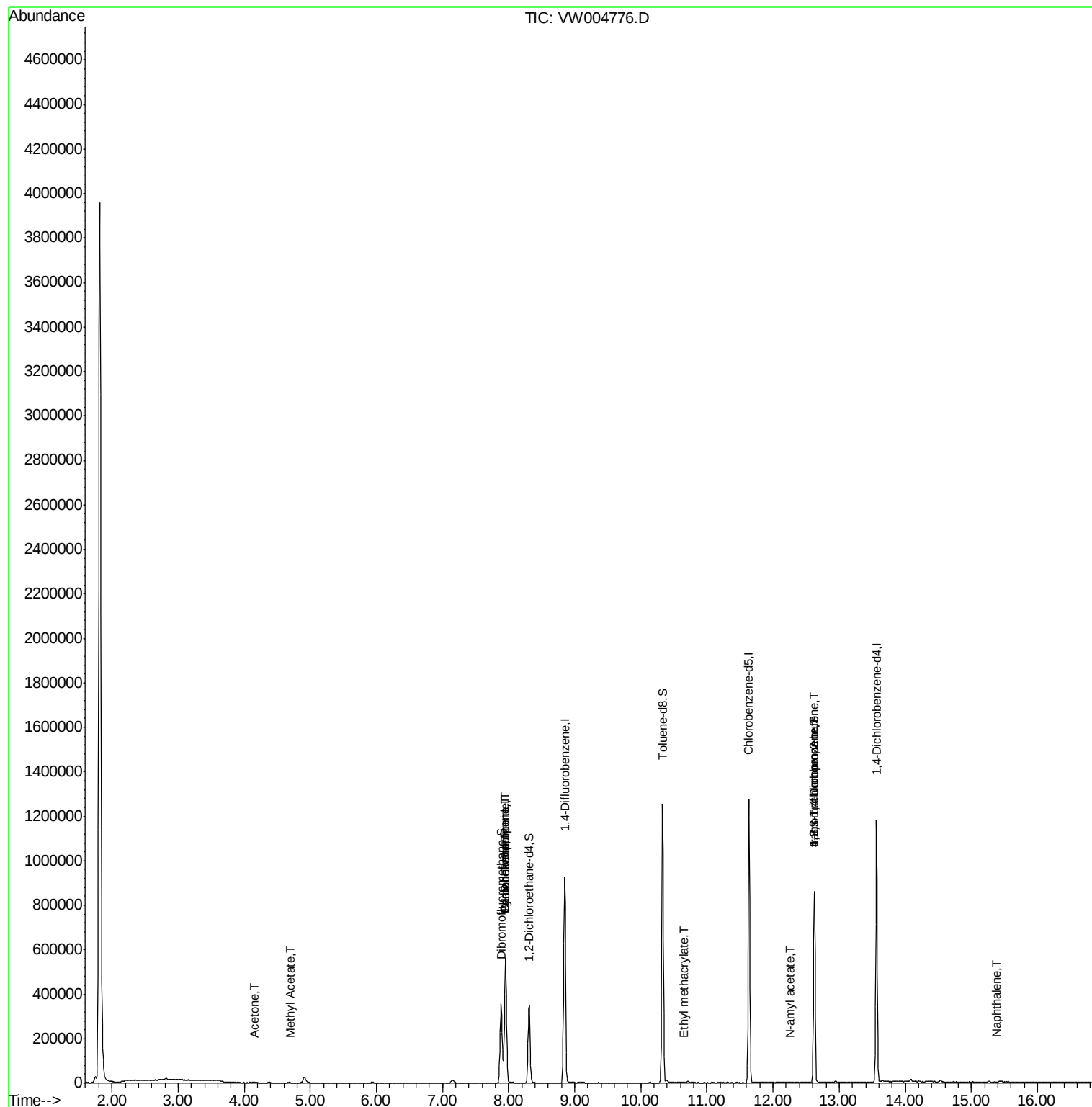
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	3748	3.51	ug/l	90
18) Methyl Acetate	4.69	43	2535	1.11	ug/l	97
20) Methylene Chloride	4.91	84	19786	Below Cal		97
31) Cyclohexane	7.95	56	8322	1.02	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	33438	4.14	ug/l #	48
38) Carbon Tetrachloride	7.95	117	40294	5.43	ug/l #	16
56) Ethyl methacrylate	10.65	69	107	3.00	ug/l #	1
74) N-amyl acetate	12.26	43	351	4.08	ug/l #	35
76) 1,2,3-Trichloropropane	12.62	75	138012	49.22	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	138012	114.39	ug/l #	14
95) Naphthalene	15.38	128	438	3.54	ug/l #	74

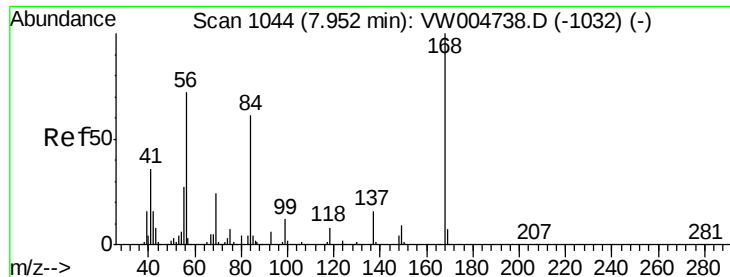
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:49:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004776.D

Acq: 18 Aug 2018 12:05

Instrument :

MSVOA_W

ClientSampleId :

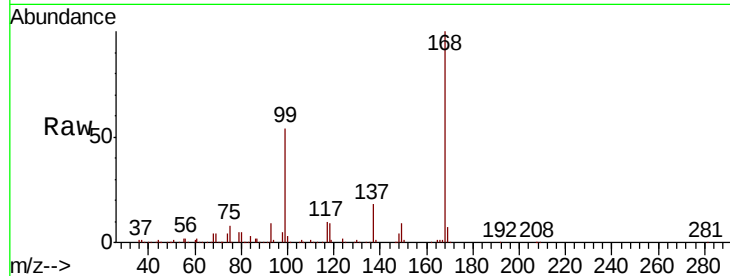
72-11979

Tot Ion:168 Resp: 432139

Ion Ratio Lower Upper

168 100

99 54.5 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

200000

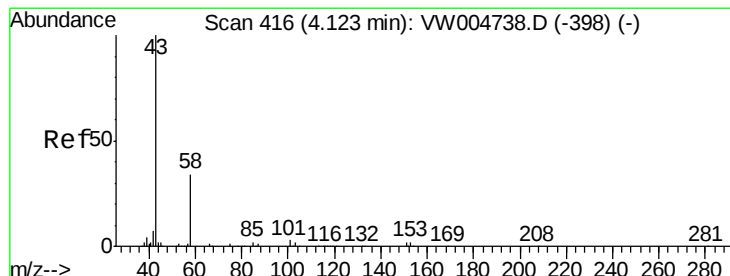
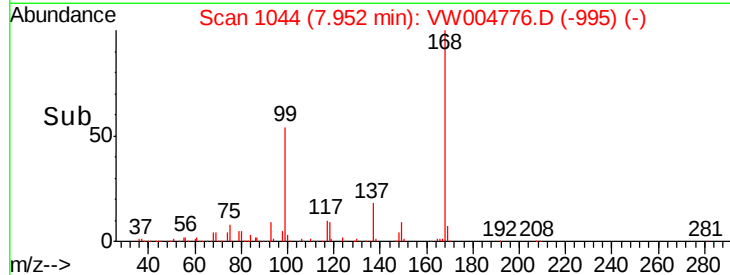
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 3.51 ug/l

RT: 4.15 min Scan# 421

Delta R.T. 0.03 min

Lab File: VW004776.D

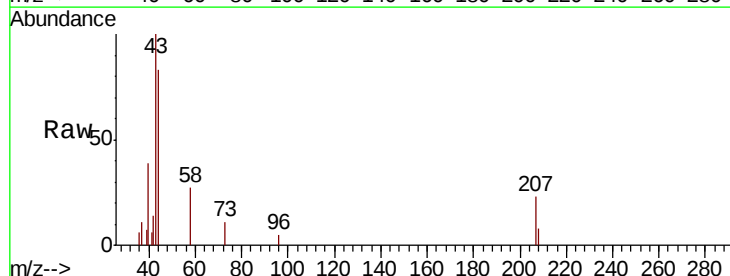
Acq: 18 Aug 2018 12:05

Tgt Ion: 43 Resp: 3748

Ion Ratio Lower Upper

43 100

58 28.4 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

1200

1000

800

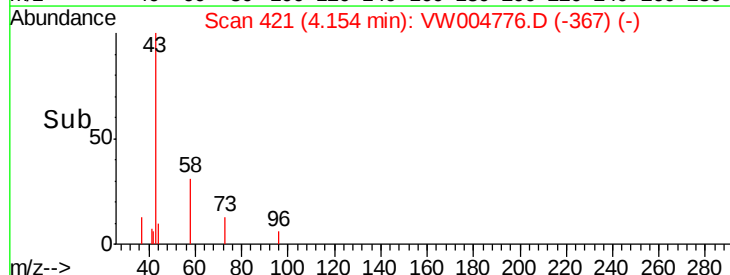
600

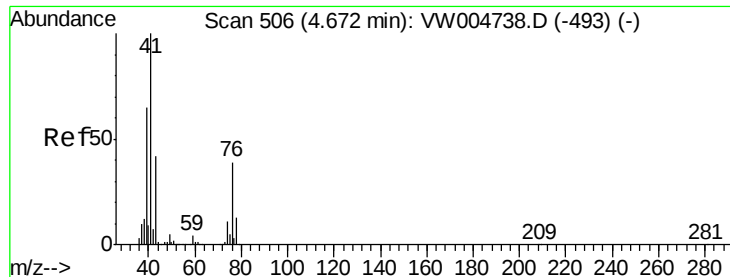
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200

0

Time-->

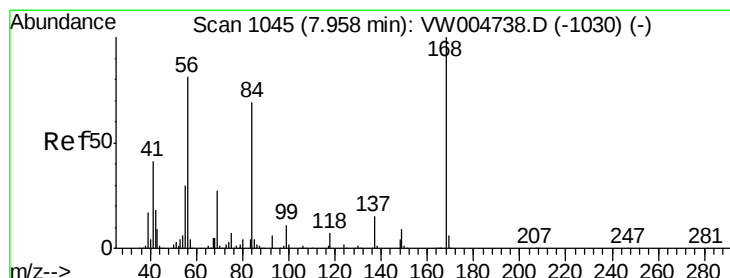
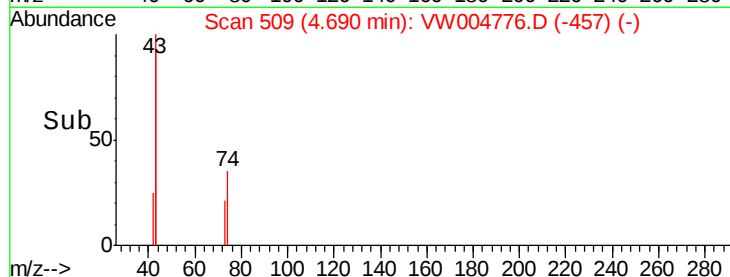
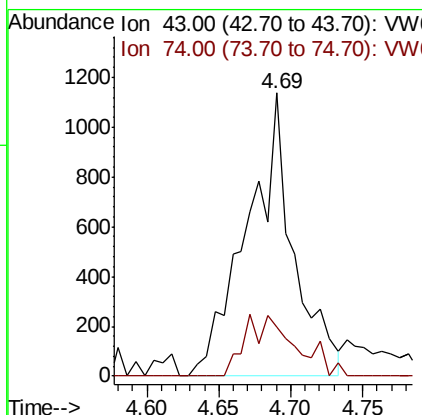
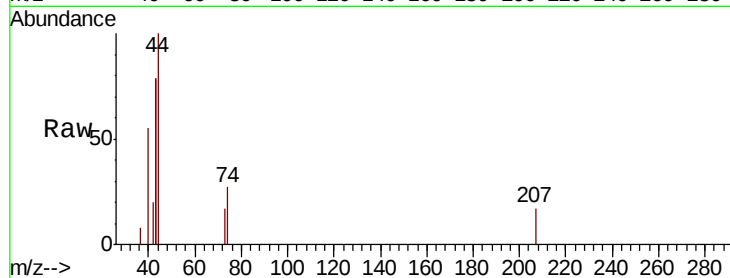




#18
Methvl Acetate
Concen: 1.11 ug/l
RT: 4.69 min Scan# 509
Delta R.T. 0.02 min
Lab File: VW004776.D
Acq: 18 Aug 2018 12:05

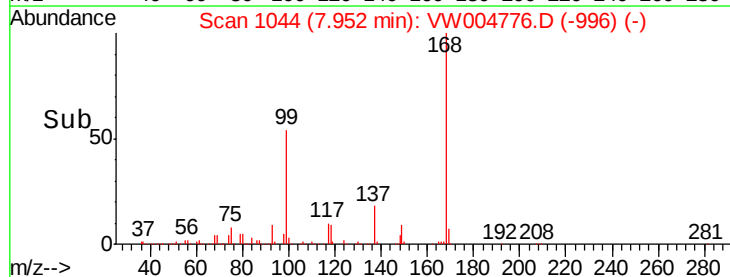
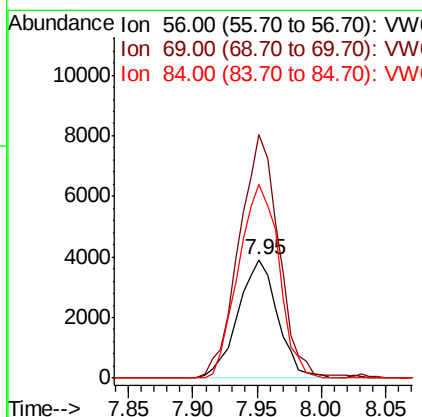
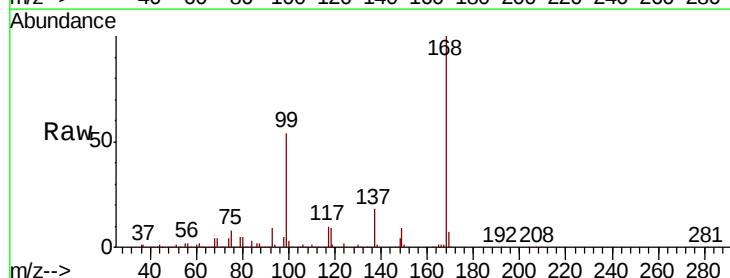
Instrument :
MSVOA_W
ClientSampleId :
72-11979

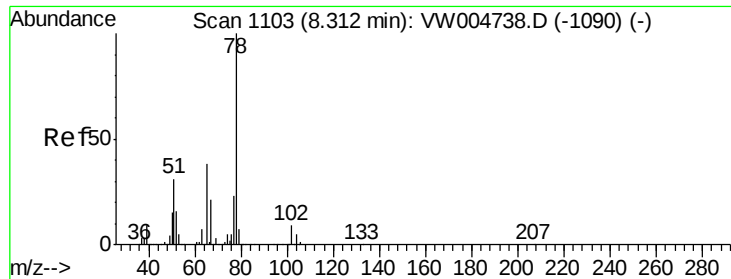
Tot Ion: 43 Resp: 2535
Ion Ratio Lower Upper
43 100
74 23.4 19.8 29.8



#31
Cyclohexane
Concen: 1.02 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW004776.D
Acq: 18 Aug 2018 12:05

Tgt Ion: 56 Resp: 8322
Ion Ratio Lower Upper
56 100
69 205.3 27.1 40.7#
84 163.5 68.3 102.5#

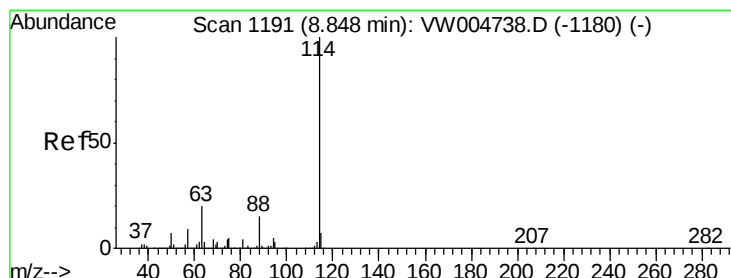
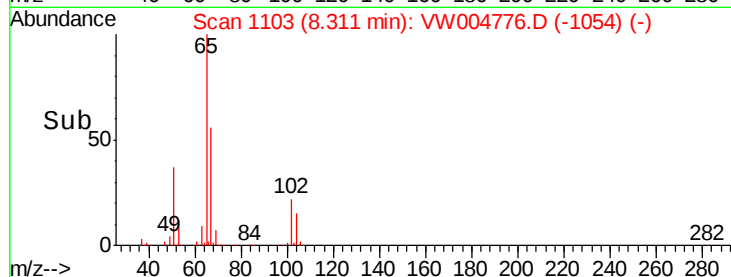
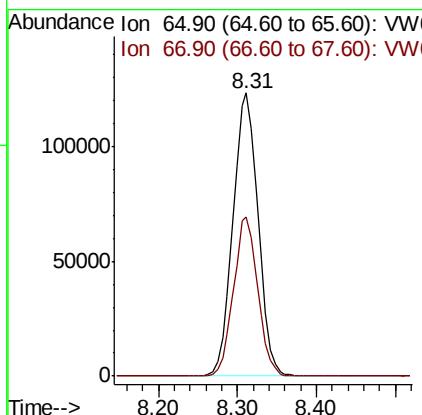
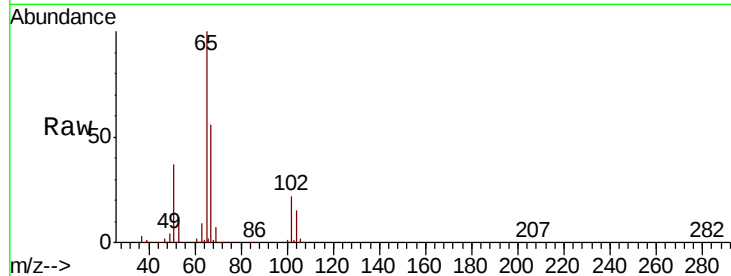




#33
 1,2-Dichloroethane-d4
 Concen: 65.20 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004776.D
 Acq: 18 Aug 2018 12:05

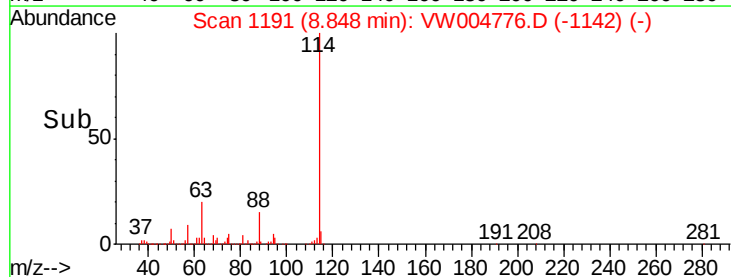
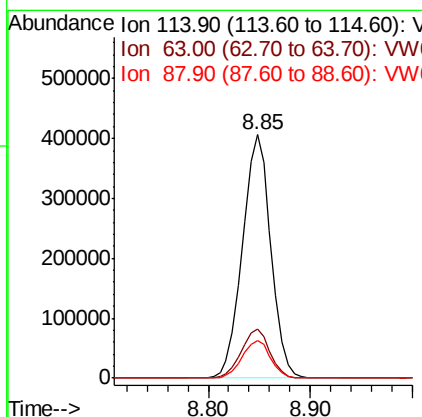
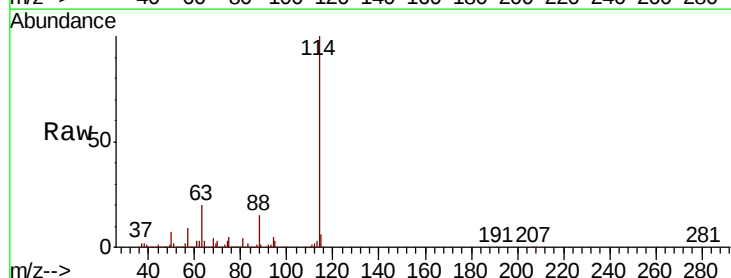
Instrument :
 MSVOA_W
 ClientSampleId :
 72-11979

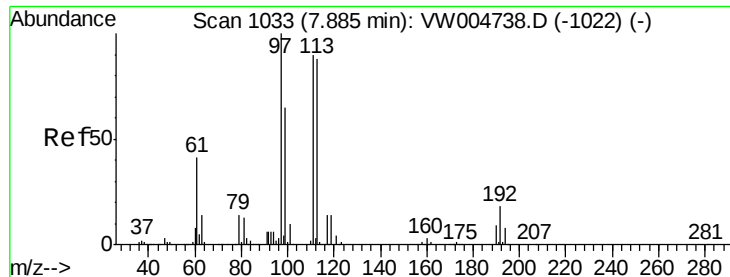
Tot Ion: 65 Resp: 272394
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004776.D
 Acq: 18 Aug 2018 12:05

Tgt Ion: 114 Resp: 783083
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.0
 88 15.4 0.0 30.0

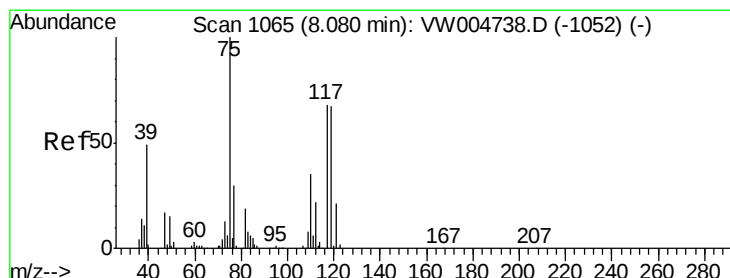
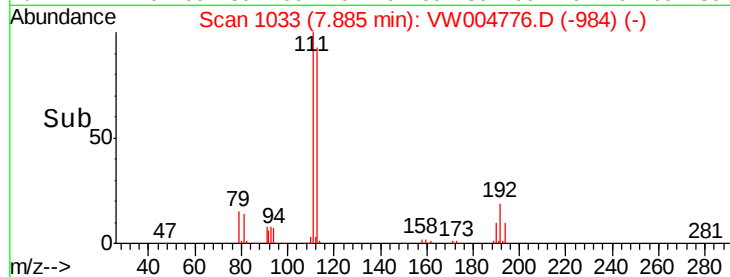
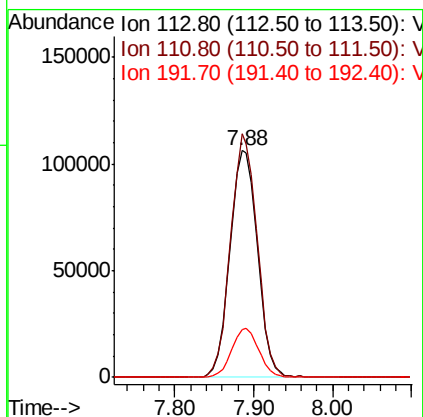
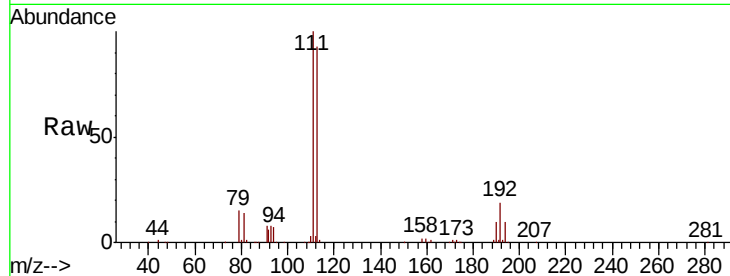




#35
 Dibromofluoromethane
 Concen: 51.59 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004776.D
 Acq: 18 Aug 2018 12:05

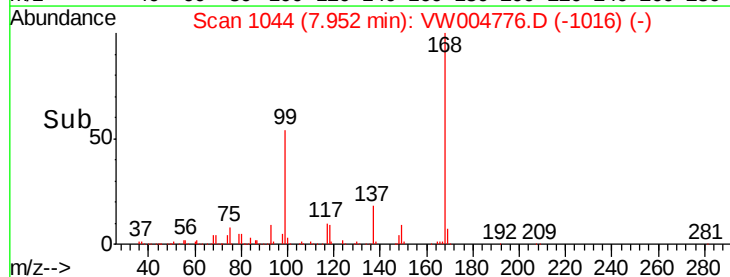
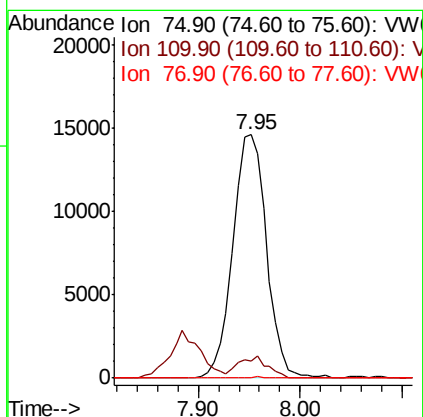
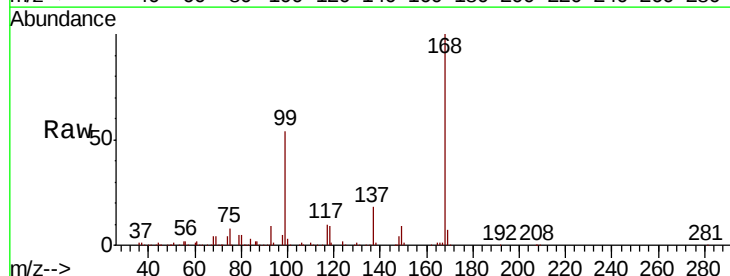
Instrument :
 MSVOA_W
 ClientSampleId :
 72-11979

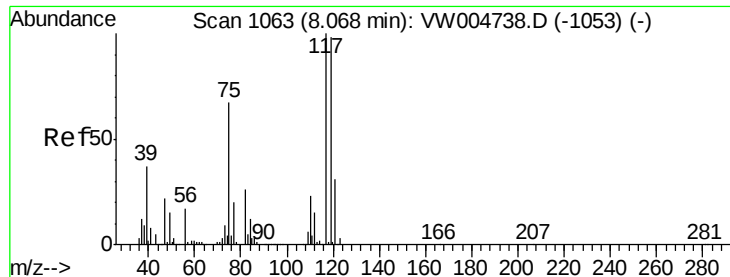
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.4	123.6
192	21.0	16.7	25.1



#36
 1,1-Dichloropropene
 Concen: 4.14 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004776.D
 Acq: 18 Aug 2018 12:05

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.9	17.8	53.5#
77	0.1	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 5.43 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004776.D

Acq: 18 Aug 2018 12:05

Instrument :

MSVOA_W

ClientSampleId :

72-11979

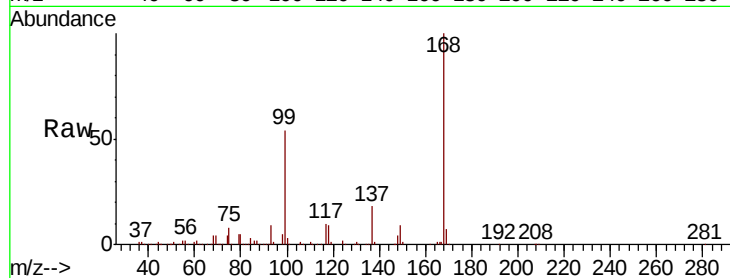
Tot Ion:117 Resp: 40294

Ion Ratio Lower Upper

117 100

119 5.6 78.0 117.0#

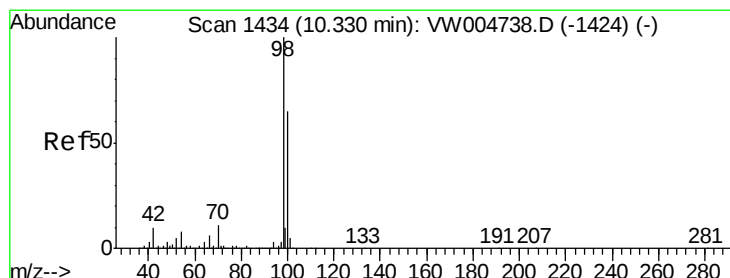
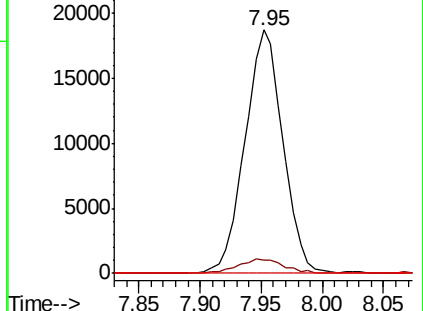
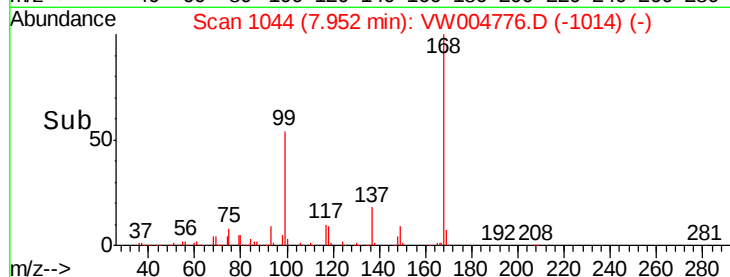
121 0.0 24.8 37.2#



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: 43.17 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004776.D

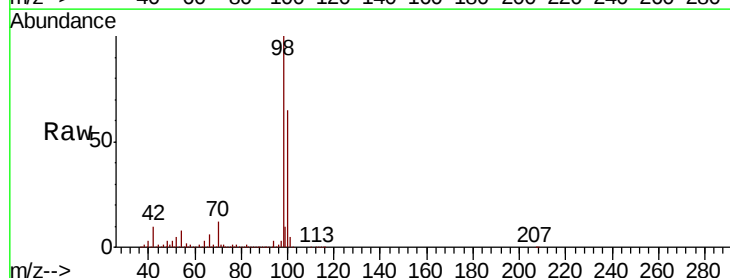
Acq: 18 Aug 2018 12:05

Tgt Ion: 98 Resp: 843402

Ion Ratio Lower Upper

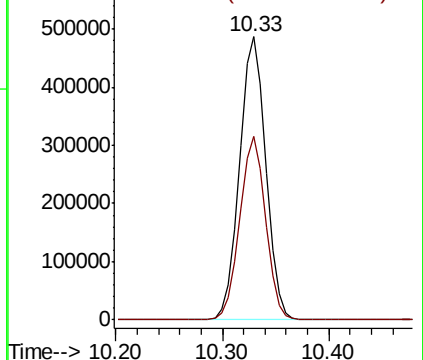
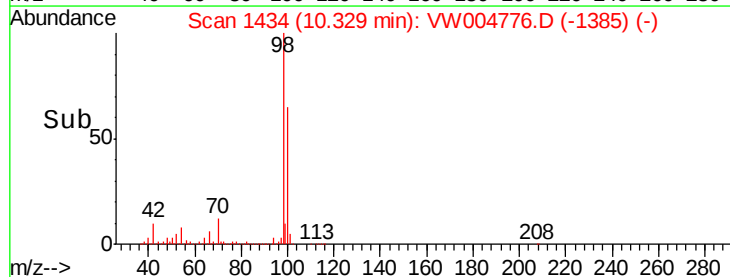
98 100

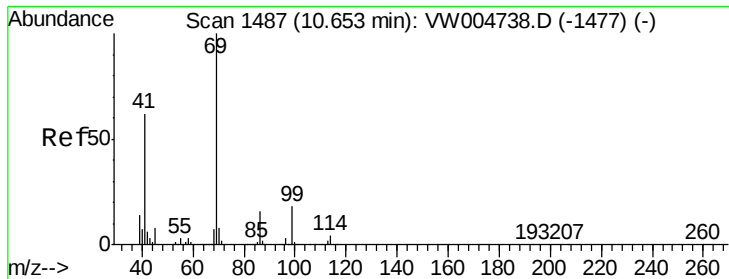
100 63.8 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#56

Ethyl methacrylate

Concen: 3.00 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW004776.D

Acq: 18 Aug 2018 12:05

Instrument :

MSVOA_W

ClientSampled :

72-11979

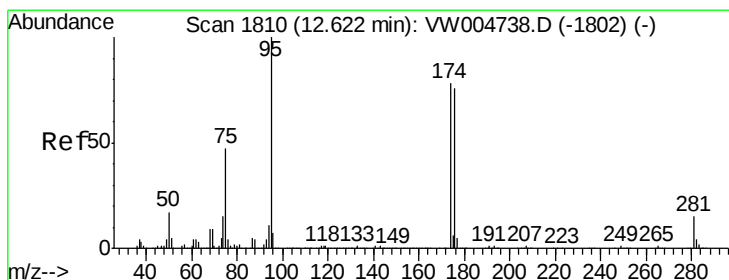
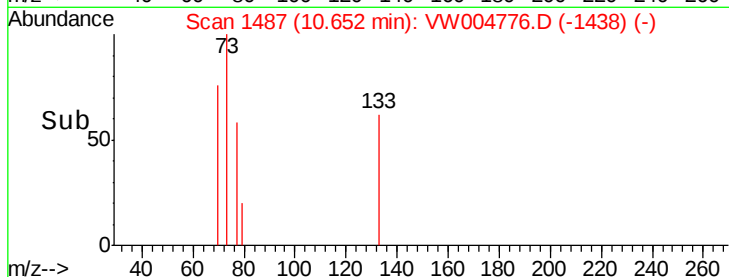
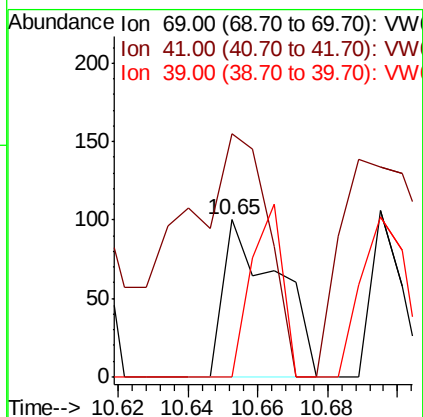
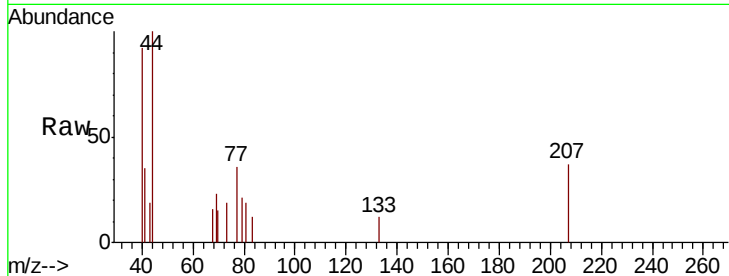
Tot Ion: 69 Resp: 107

Ion Ratio Lower Upper

69 100

41 232.7 50.7 76.1#

39 63.6 21.4 32.2#



#62

4-Bromofluorobenzene

Concen: 41.29 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004776.D

Acq: 18 Aug 2018 12:05

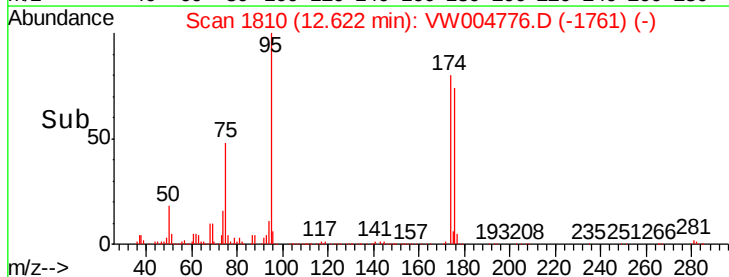
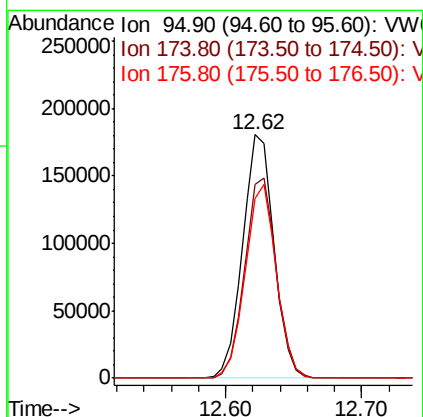
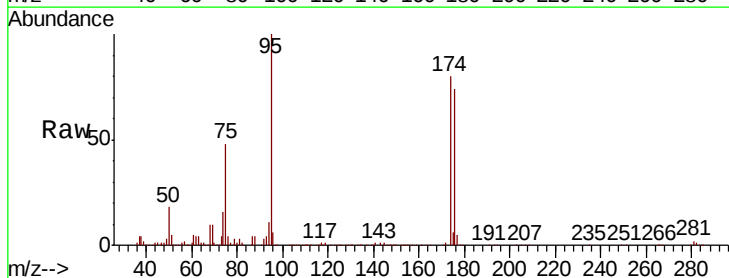
Tgt Ion: 95 Resp: 290187

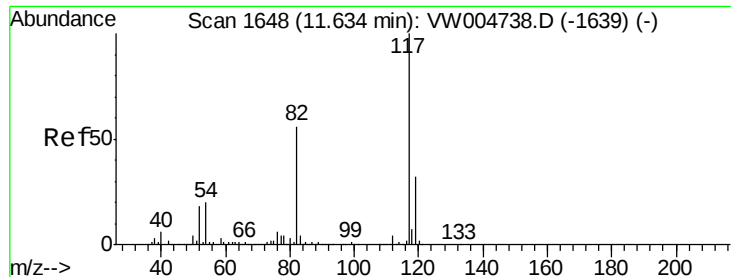
Ion Ratio Lower Upper

95 100

174 83.0 0.0 165.8

176 79.3 0.0 159.8

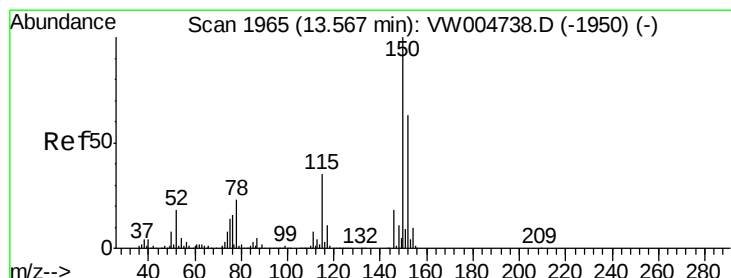
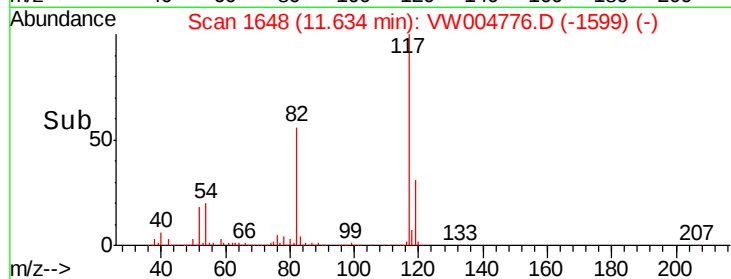
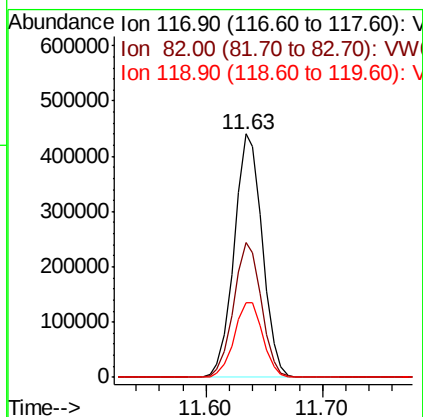
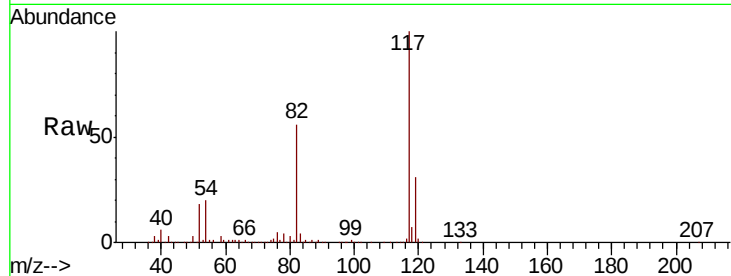




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004776.D
Acq: 18 Aug 2018 12:05

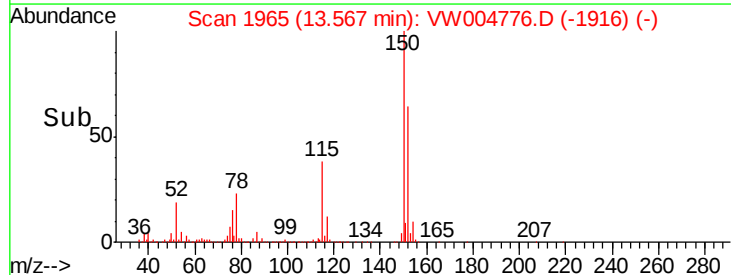
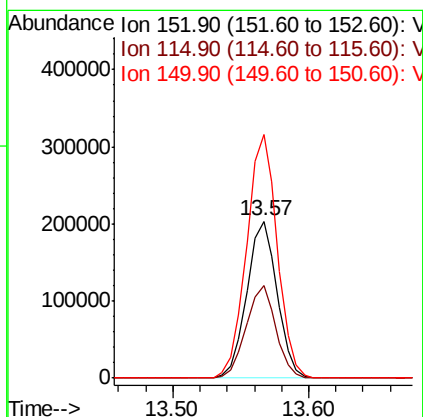
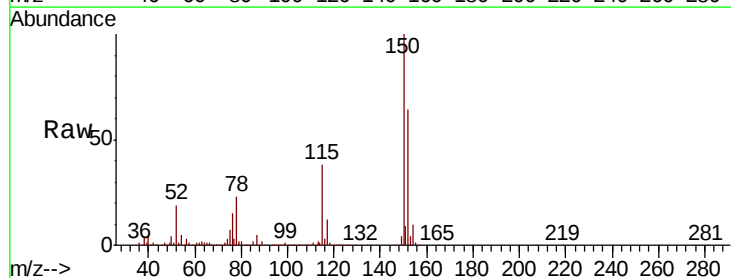
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MSVOA_W
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72-11979

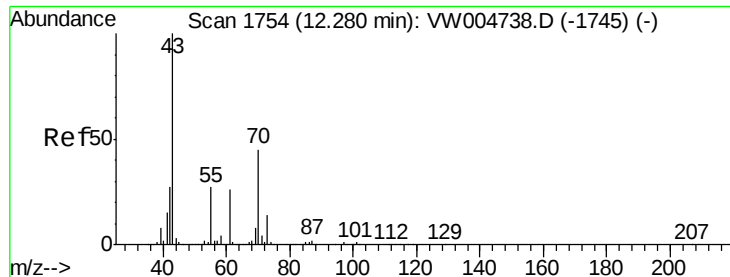
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.6	67.0
119	30.7	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004776.D
Acq: 18 Aug 2018 12:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.7	28.5	85.5
150	156.6	0.0	344.8





#74

N-amvl acetate

Concen: 4.08 ug/l

RT: 12.26 min Scan# 1750

Delta R.T. -0.02 min

Lab File: VW004776.D

Acq: 18 Aug 2018 12:05

Instrument :

MSVOA_W

ClientSampleId :

72-11979

Tot Ion: 43 Resp: 351

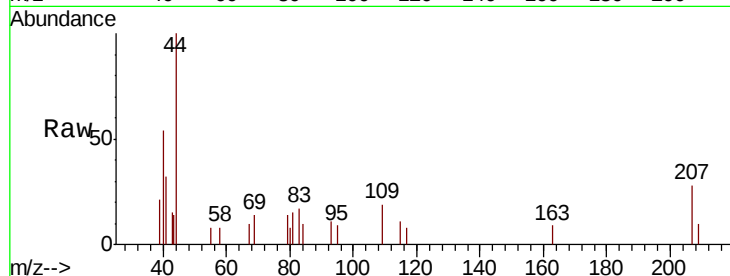
Ion Ratio Lower Upper

43 100

70 0.0 36.3 54.5#

55 65.2 22.6 33.8#

61 0.0 20.2 30.4#

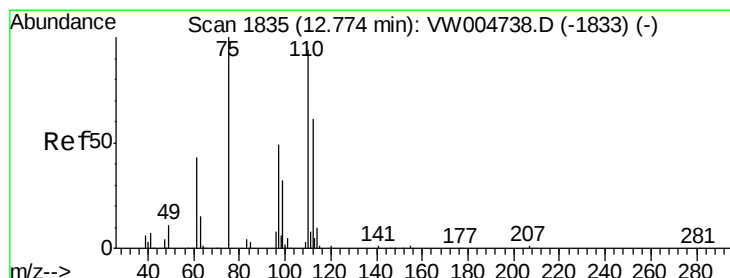
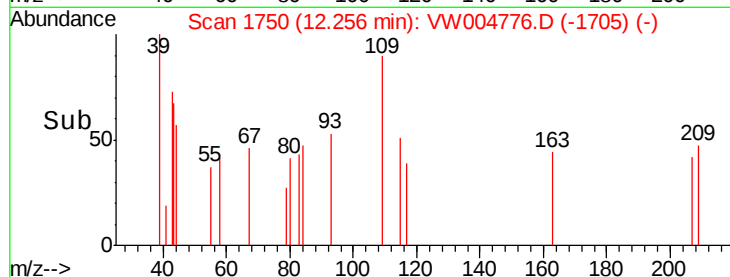
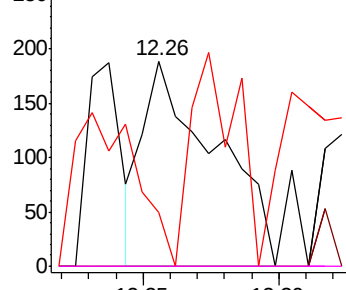


Abundance Ion 43.00 (42.70 to 43.70): VW

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: 49.22 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004776.D

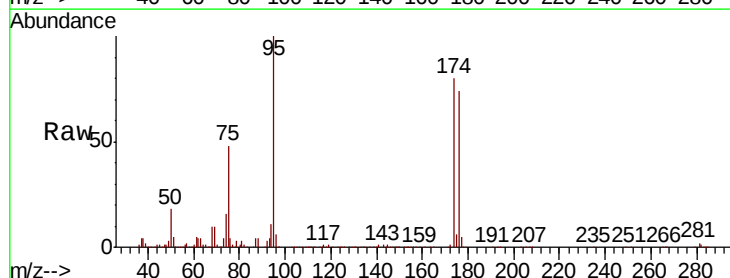
Acq: 18 Aug 2018 12:05

Tgt Ion: 75 Resp: 138012

Ion Ratio Lower Upper

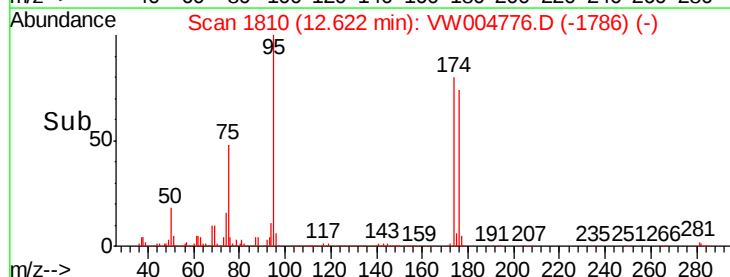
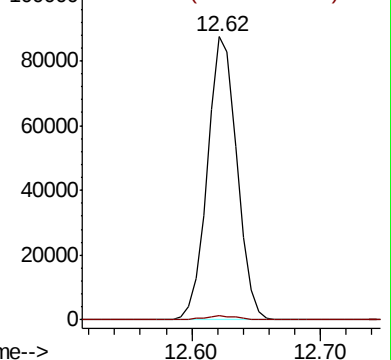
75 100

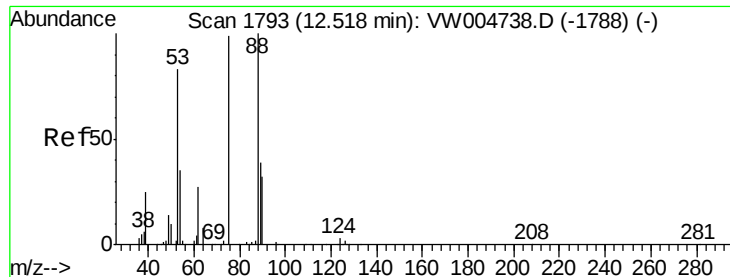
77 1.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

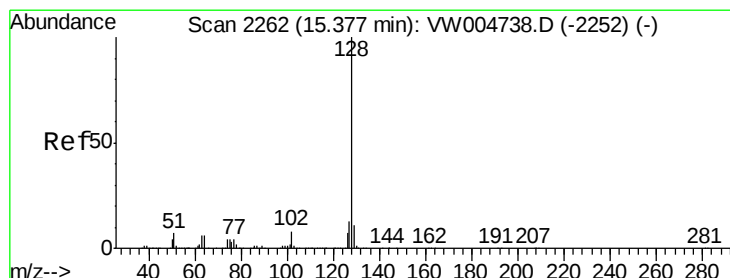
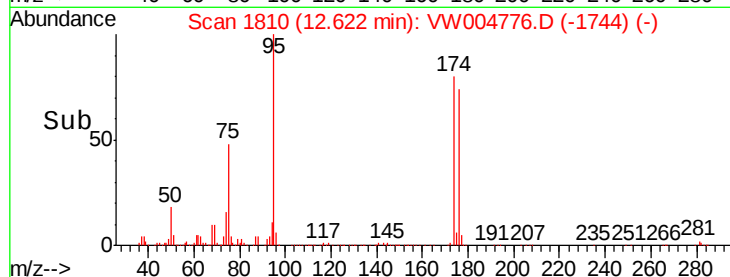
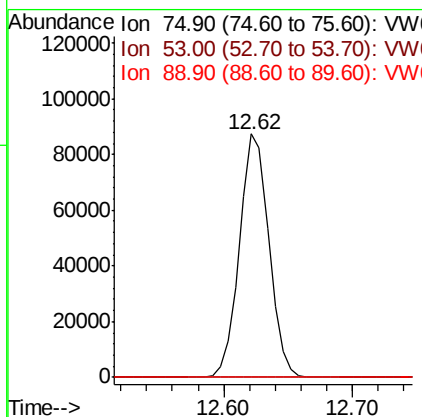
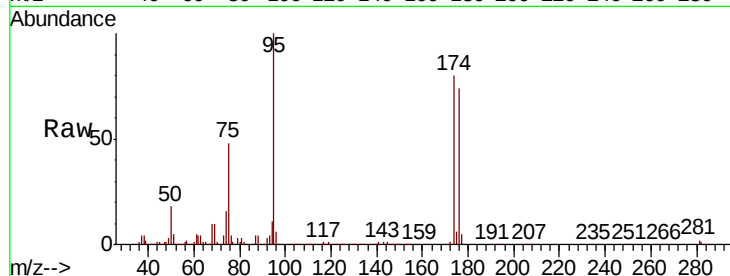




#81
trans-1,4-Dichloro-2-butene
Concen: 114.39 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.10 min
Lab File: VW004776.D
Acq: 18 Aug 2018 12:05

Instrument :
MSVOA_W
ClientSampleId :
72-11979

Tot Ion: 75 Resp: 138012
Ion Ratio Lower Upper
75 100
53 0.4 72.2 108.4#
89 0.0 35.2 52.8#



#95
Naphthalene
Concen: 3.54 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004776.D
Acq: 18 Aug 2018 12:05

Tgt Ion: 128 Resp: 438
Ion Ratio Lower Upper
128 100
127 5.7 10.4 15.6#
129 23.7 8.6 13.0#

