

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081918\
 Data File : VW004777.D
 Acq On : 18 Aug 2018 12:31
 Operator : SY/AP
 Sample : J4521-25
 Misc : 5.26G/5ML/MSVOA W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 72-11988

Quant Time: Aug 20 12:01:45 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	567048	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	961548	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	731830	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	277286	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	308636	56.30	ug/l	0.00
Spiked Amount			Recovery	=	112.60%	
35) Dibromofluoromethane	7.89	113	303083	49.32	ug/l	0.00
Spiked Amount			Recovery	=	98.64%	
50) Toluene-d8	10.33	98	737298	30.73	ug/l	0.00
Spiked Amount			Recovery	=	61.46%	
62) 4-Bromofluorobenzene	12.62	95	266760	30.91	ug/l	0.00
Spiked Amount			Recovery	=	61.82%	

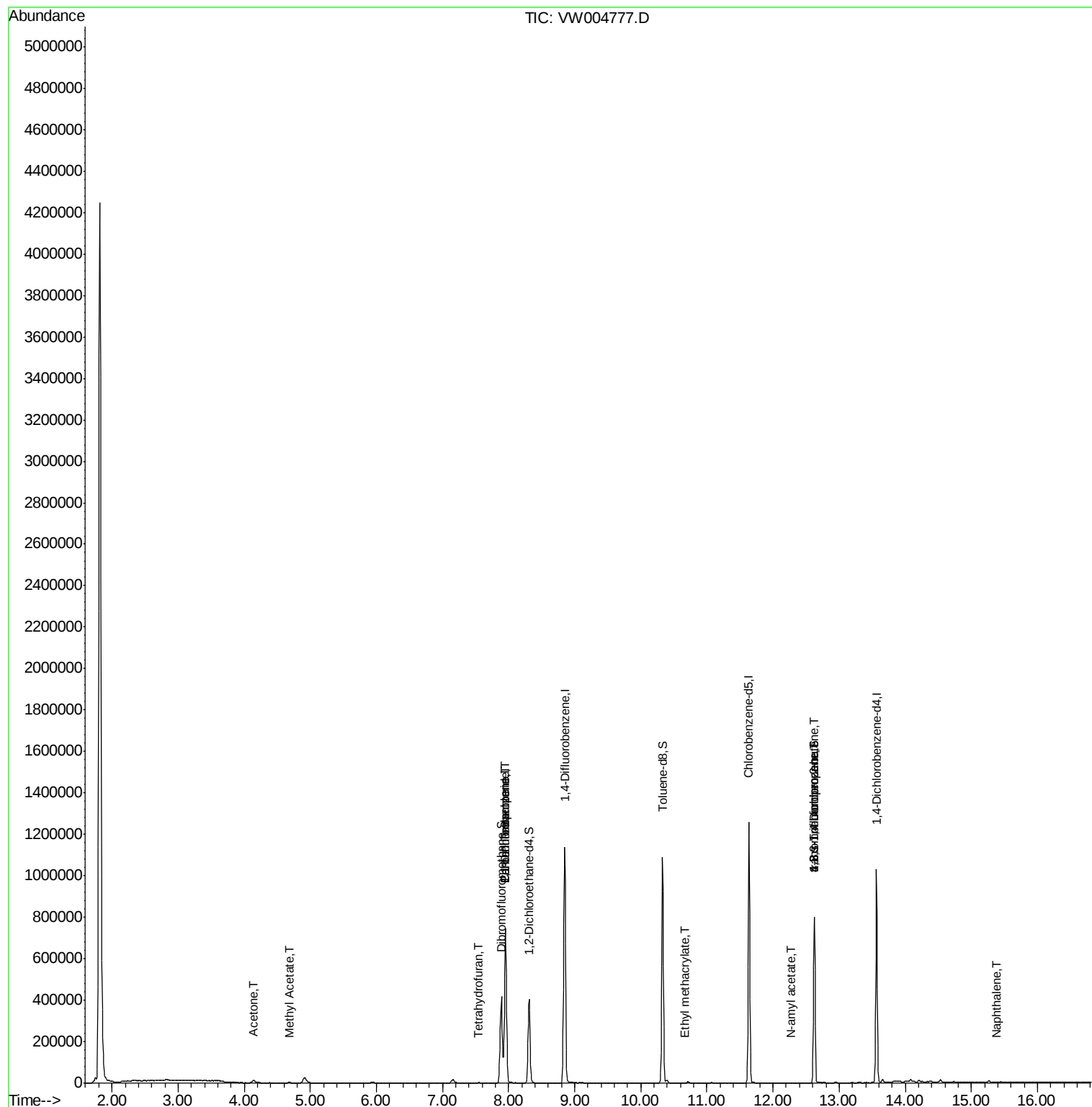
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	19076	13.63	ug/l	100
18) Methyl Acetate	4.68	43	3081	1.03	ug/l	97
20) Methylene Chloride	4.92	84	21966	Below Cal		94
29) Tetrahydrofuran	7.54	42	1171	1.15	ug/l #	59
36) 1,1-Dichloropropene	7.95	75	42444	4.28	ug/l #	48
38) Carbon Tetrachloride	7.95	117	52146	5.72	ug/l #	16
56) Ethyl methacrylate	10.66	69	20	2.98	ug/l #	27
74) N-amyl acetate	12.27	43	138	4.05	ug/l #	44
76) 1,2,3-Trichloropropane	12.62	75	123911	50.69	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	123911	117.82	ug/l #	14
95) Naphthalene	15.38	128	837	3.58	ug/l #	89

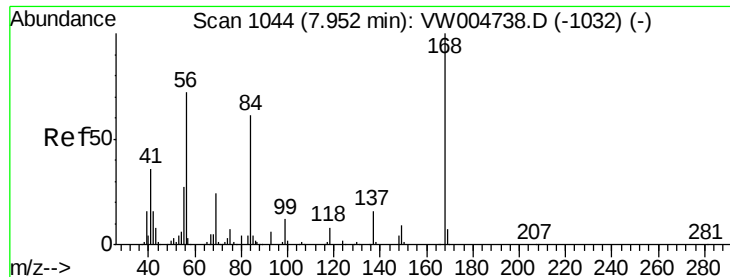
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081918\
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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: VW004777.D

Acq: 18 Aug 2018 12:31

Instrument :

MSVOA_W

ClientSampleId :

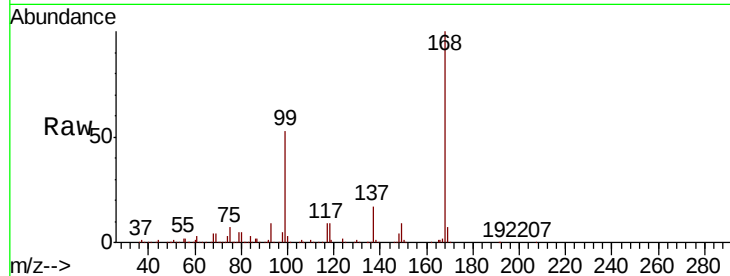
72-11988

Tot Ion:168 Resp: 567048

Ion Ratio Lower Upper

168 100

99 53.1 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

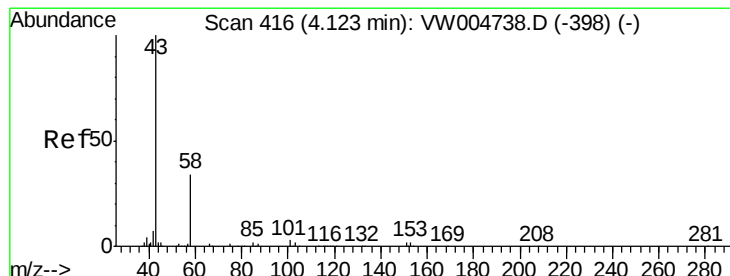
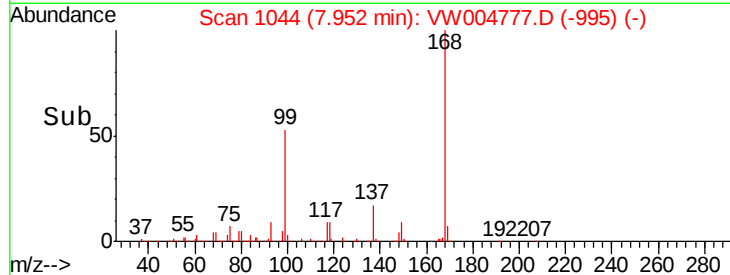
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 13.63 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.02 min

Lab File: VW004777.D

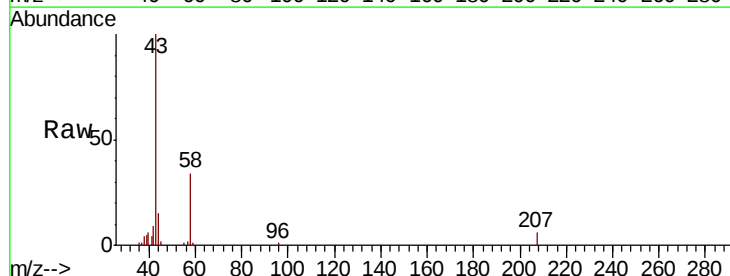
Acq: 18 Aug 2018 12:31

Tgt Ion: 43 Resp: 19076

Ion Ratio Lower Upper

43 100

58 34.2 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

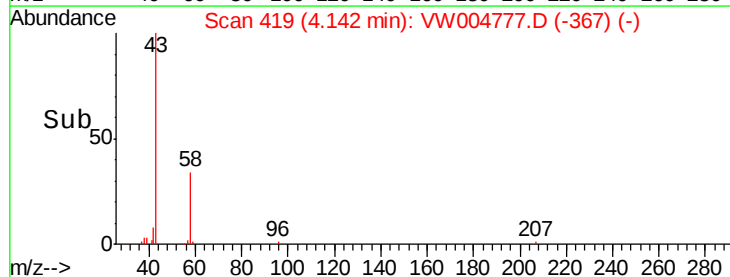
6000

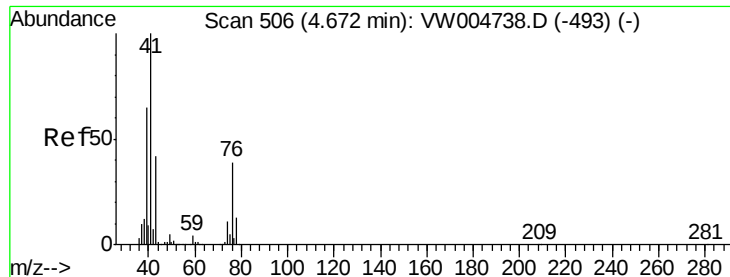
4000

2000

0

Time-->

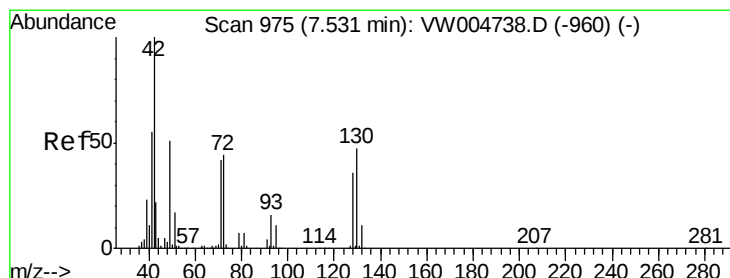
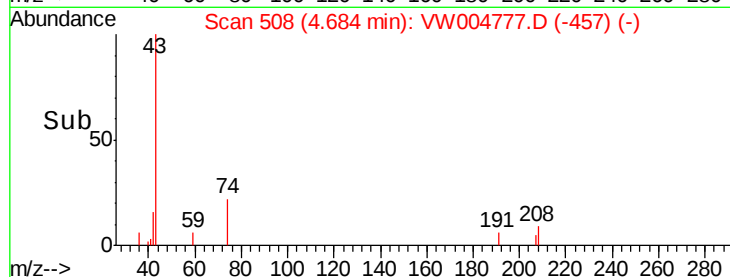
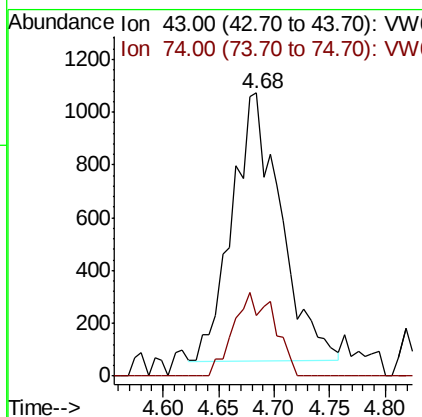
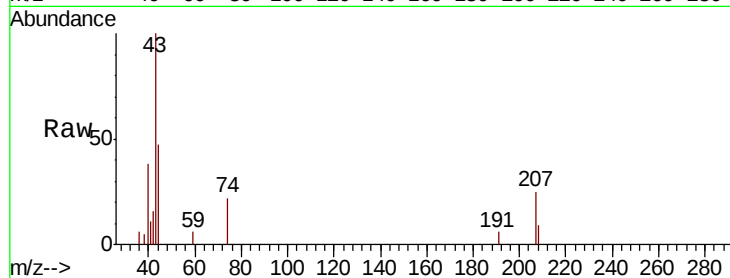




#18
Methvl Acetate
Concen: 1.03 ug/l
RT: 4.68 min Scan# 508
Delta R.T. 0.01 min
Lab File: VW004777.D
Acq: 18 Aug 2018 12:31

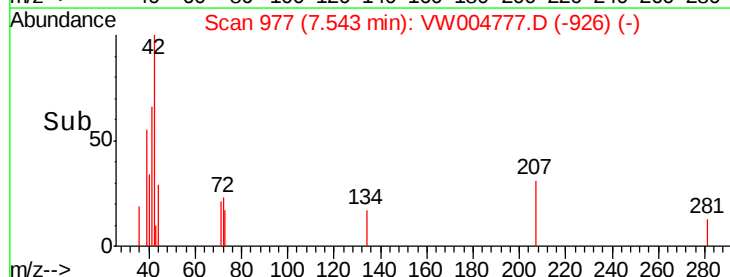
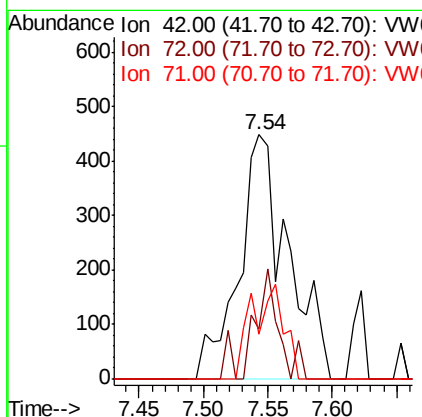
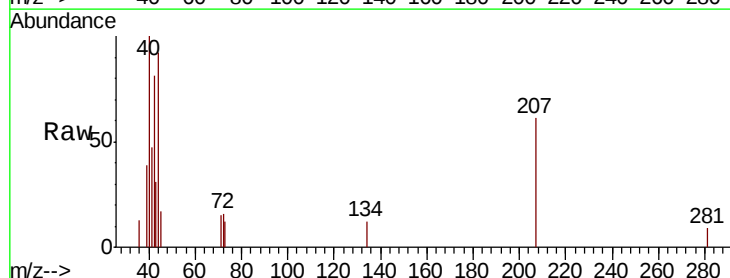
Instrument :
MSVOA_W
ClientSampled :
72-11988

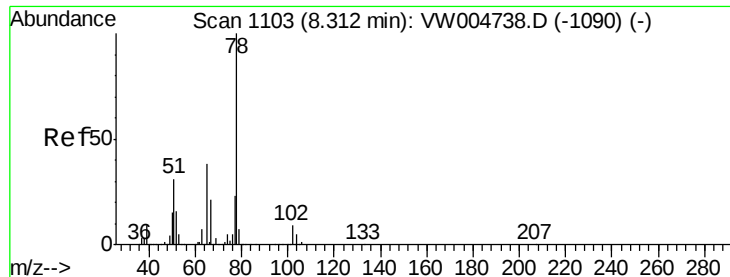
Tot Ion: 43 Resp: 3081
Ion Ratio Lower Upper
43 100
74 26.2 19.8 29.8



#29
Tetrahydrofuran
Concen: 1.15 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW004777.D
Acq: 18 Aug 2018 12:31

Tgt Ion: 42 Resp: 1171
Ion Ratio Lower Upper
42 100
72 17.9 34.9 52.3#
71 15.2 33.8 50.6#





#33

1,2-Dichloroethane-d4

Concen: 56.30 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW004777.D

Acq: 18 Aug 2018 12:31

Instrument :

MSVOA_W

ClientSampleId :

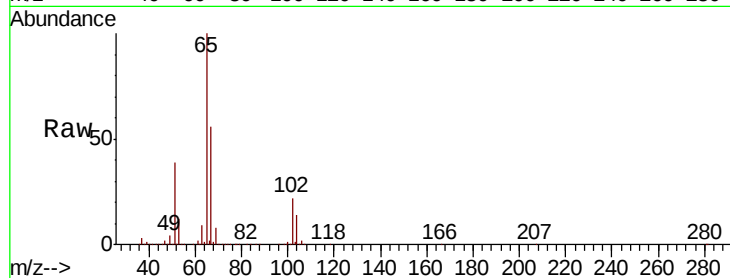
72-11988

Tot Ion: 65 Resp: 308636

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

150000

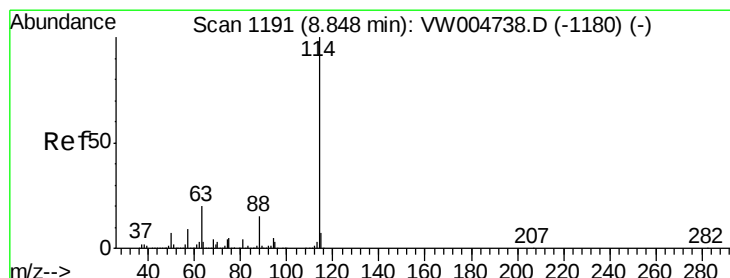
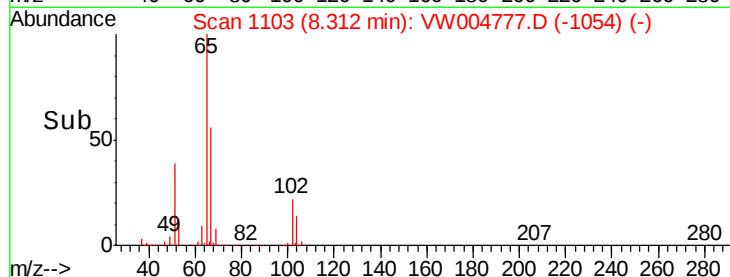
100000

50000

0

8.20 8.30 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW004777.D

Acq: 18 Aug 2018 12:31

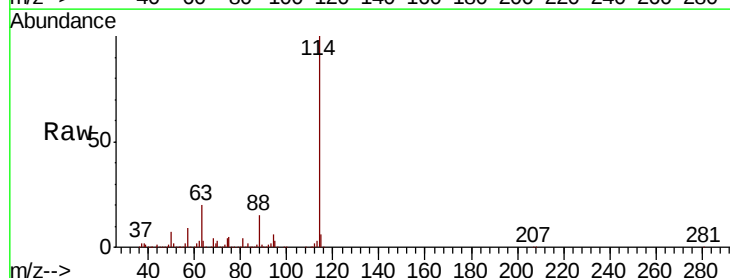
Tgt Ion: 114 Resp: 961548

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.0

88 15.4 0.0 30.0



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

8.85

600000

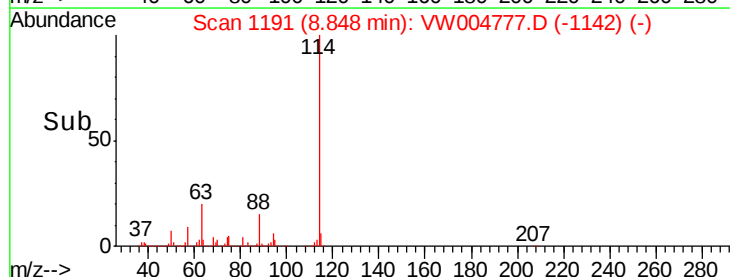
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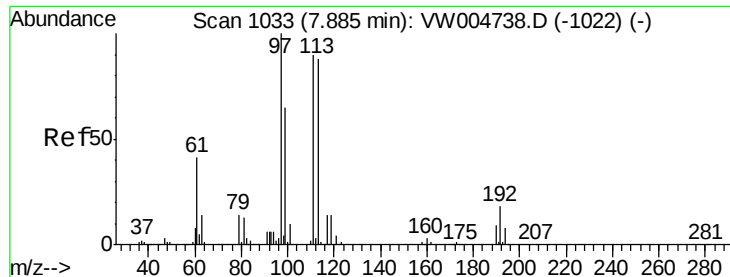
200000

0

8.80 8.90

Time-->





#35

Dibromofluoromethane

Concen: 49.32 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW004777.D

Acq: 18 Aug 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :
72-11988

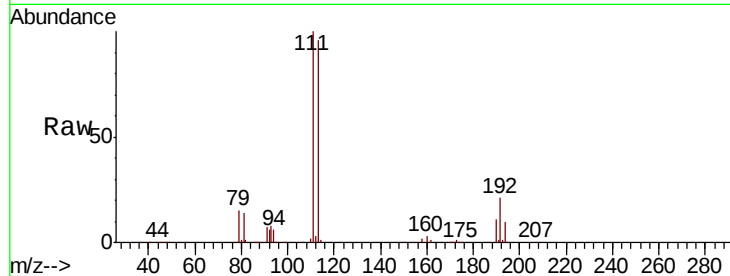
Tot Ion:113 Resp: 303083

Ion Ratio Lower Upper

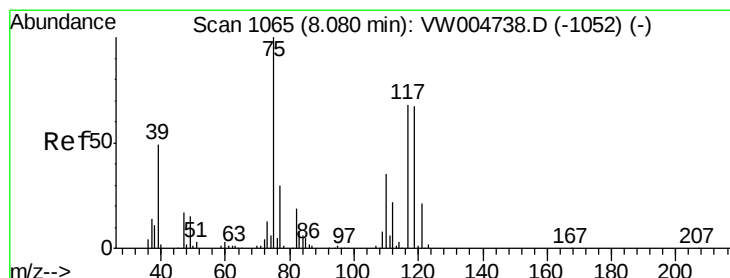
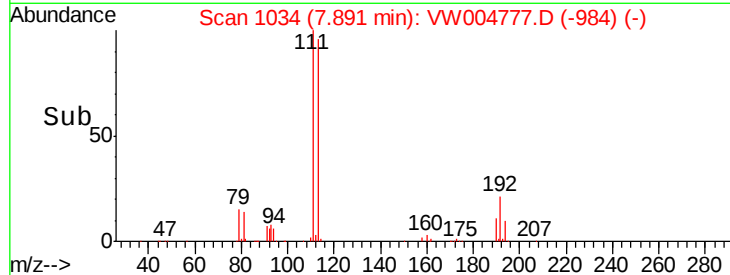
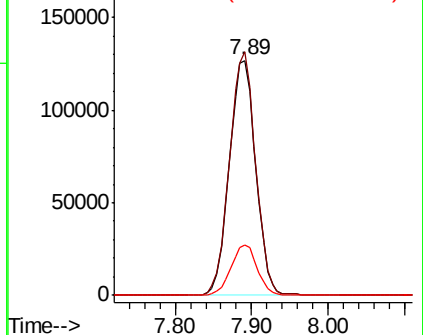
113 100

111 102.1 82.4 123.6

192 21.3 16.7 25.1



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: 4.28 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW004777.D

Acq: 18 Aug 2018 12:31

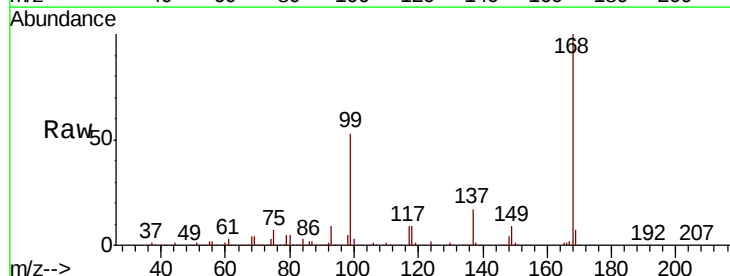
Tgt Ion: 75 Resp: 42444

Ion Ratio Lower Upper

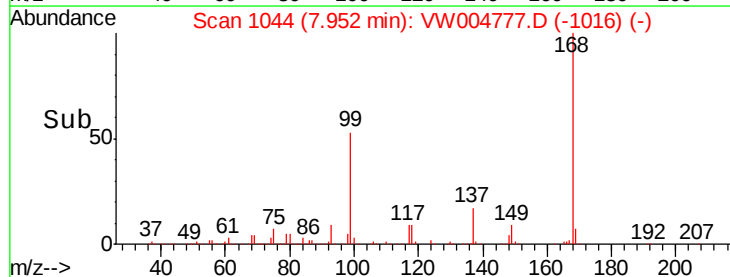
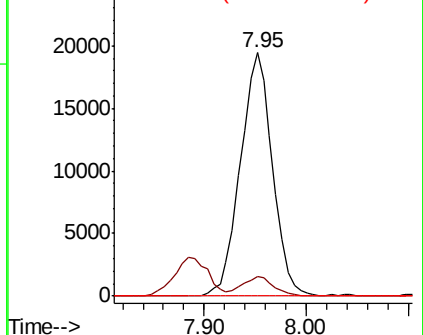
75 100

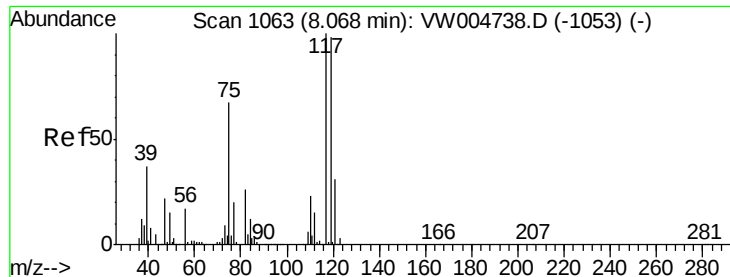
110 7.8 17.8 53.5#

77 0.1 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 5.72 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004777.D

Acq: 18 Aug 2018 12:31

Instrument :

MSVOA_W

ClientSampleId :

72-11988

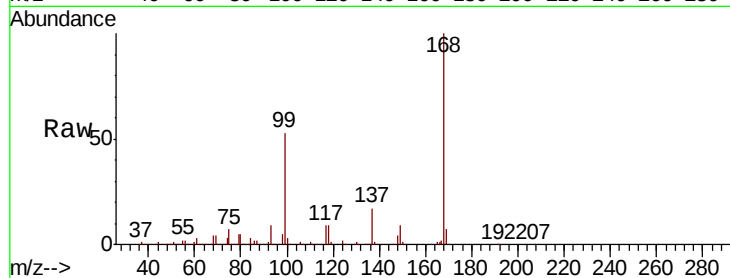
Tot Ion:117 Resp: 52146

Ion Ratio Lower Upper

117 100

119 6.6 78.0 117.0#

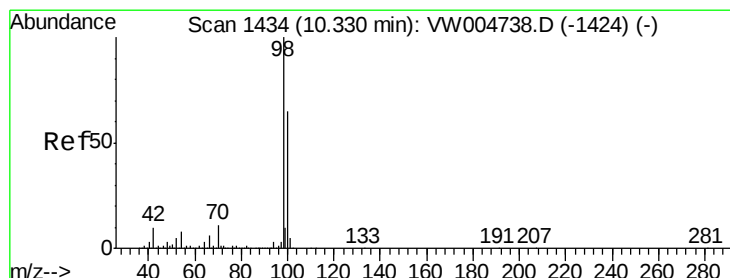
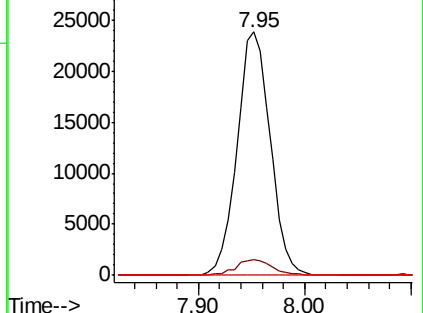
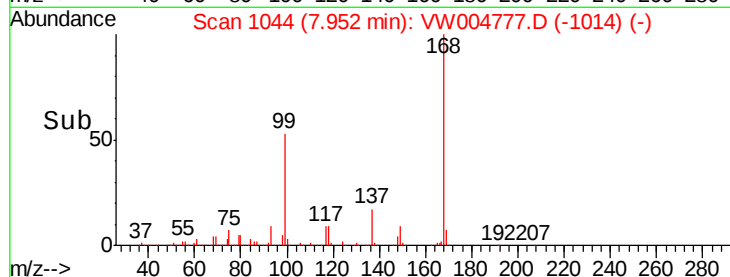
121 0.0 24.8 37.2#



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: 30.73 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004777.D

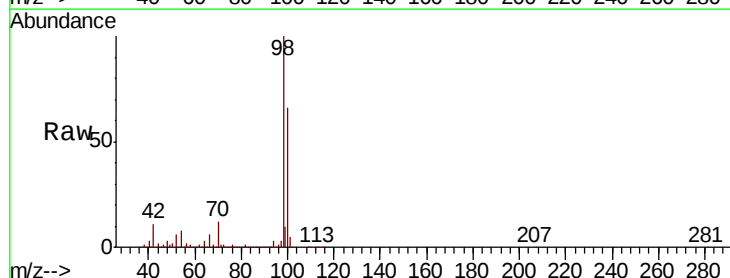
Acq: 18 Aug 2018 12:31

Tgt Ion: 98 Resp: 737298

Ion Ratio Lower Upper

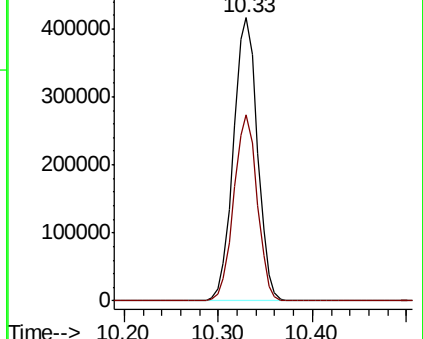
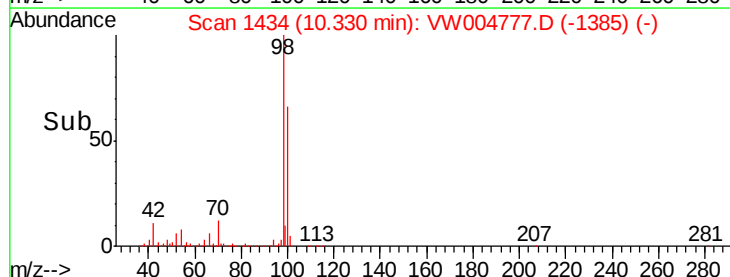
98 100

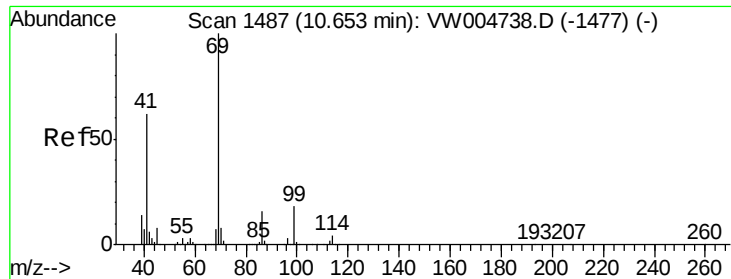
100 64.0 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#56

Ethyl methacrylate

Concen: 2.98 ug/l

RT: 10.66 min Scan# 1489

Delta R.T. 0.01 min

Lab File: VW004777.D

Acq: 18 Aug 2018 12:31

Instrument :

MSVOA_W

ClientSampleId :

72-11988

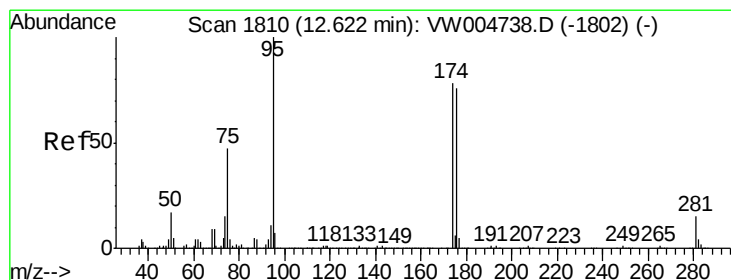
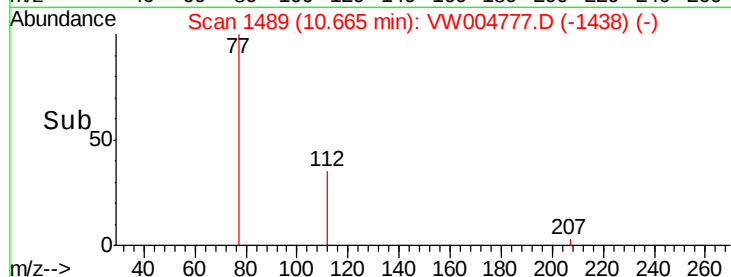
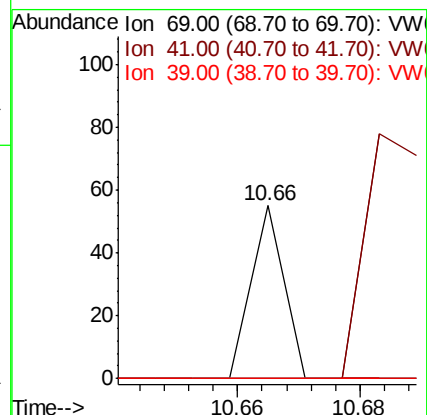
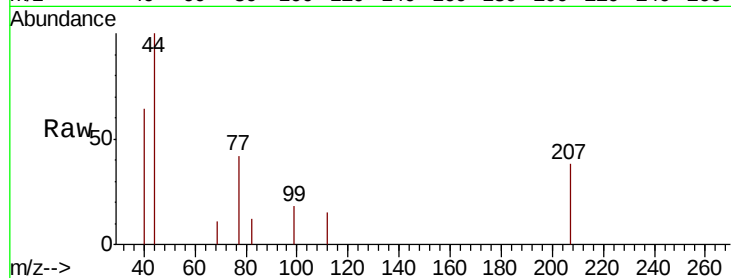
Tot Ion: 69 Resp: 20

Ion Ratio Lower Upper

69 100

41 0.0 50.7 76.1#

39 0.0 21.4 32.2#



#62

4-Bromofluorobenzene

Concen: 30.91 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004777.D

Acq: 18 Aug 2018 12:31

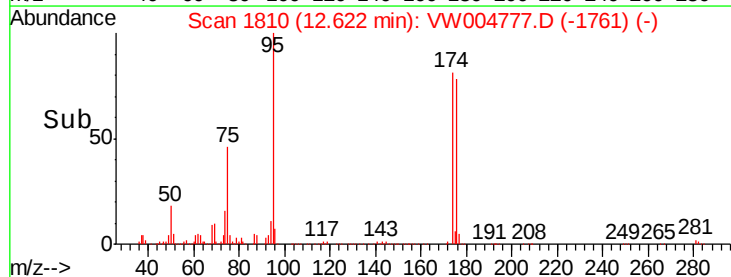
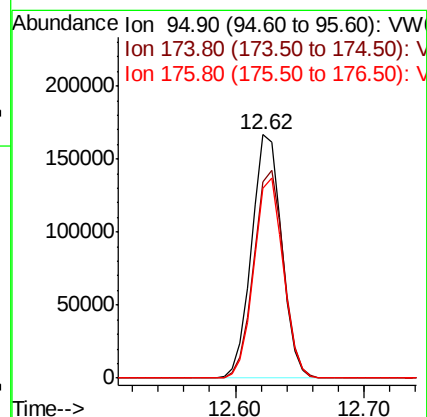
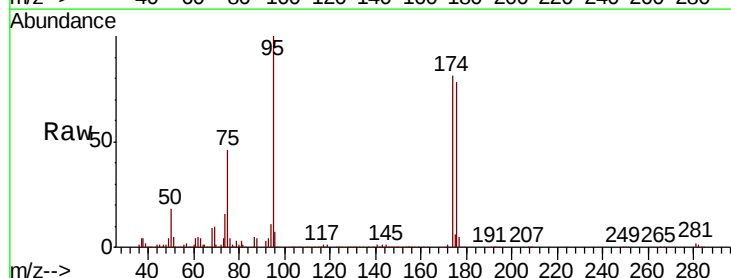
Tgt Ion: 95 Resp: 266760

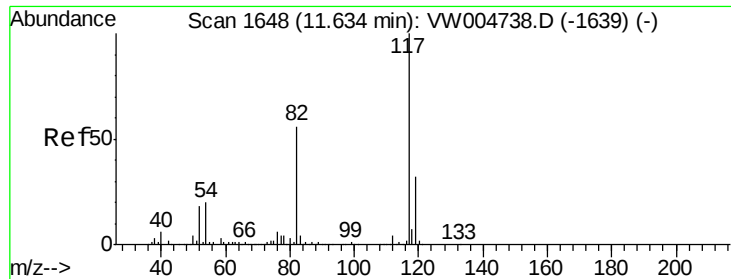
Ion Ratio Lower Upper

95 100

174 84.8 0.0 165.8

176 80.6 0.0 159.8

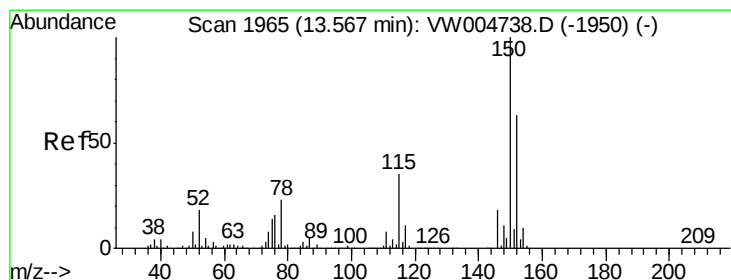
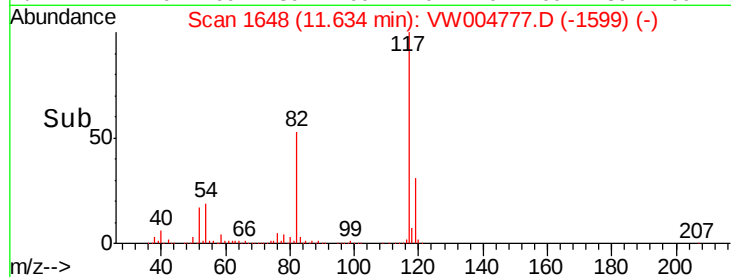
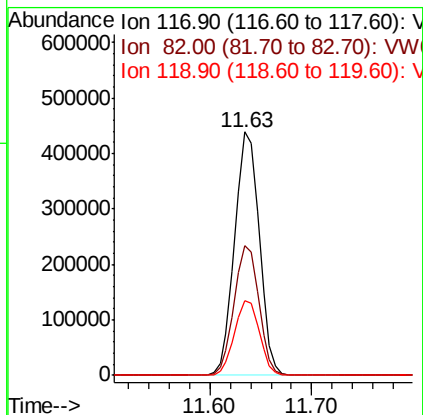
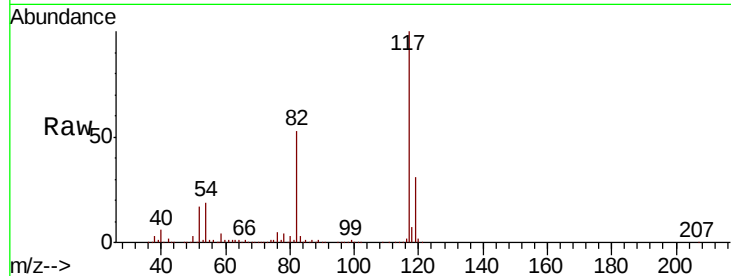




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004777.D
Acq: 18 Aug 2018 12:31

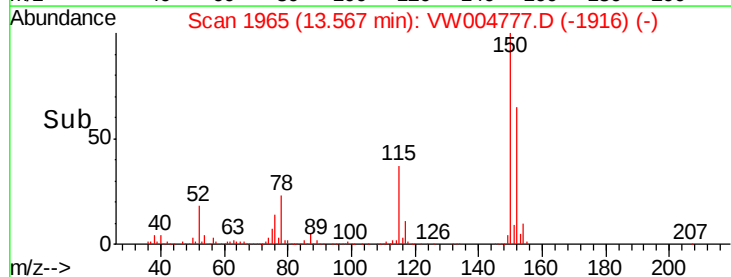
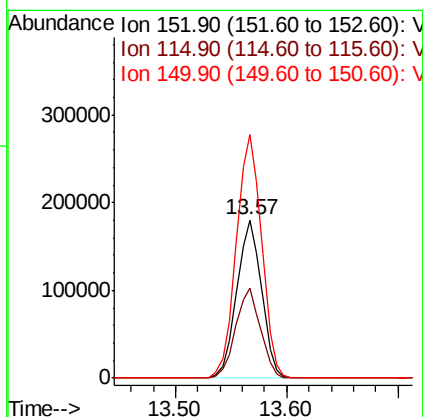
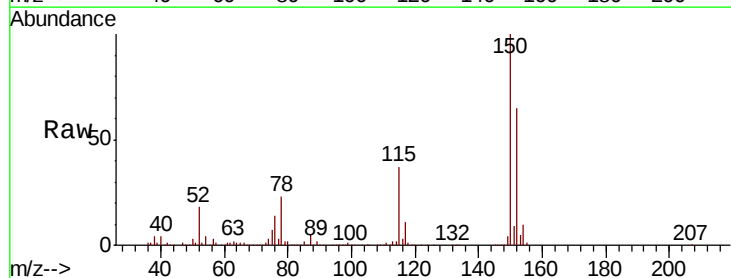
Instrument :
MSVOA_W
ClientSampled :
72-11988

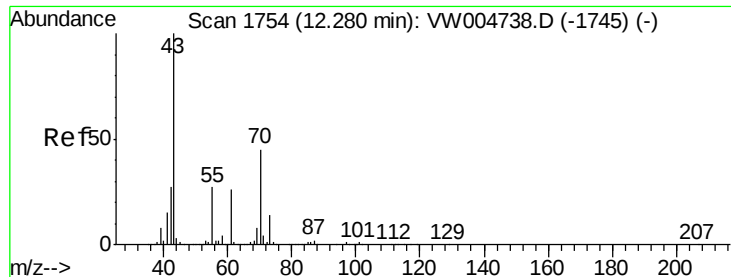
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	44.6	67.0
119	30.9	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004777.D
Acq: 18 Aug 2018 12:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.0	28.5	85.5
150	157.2	0.0	344.8

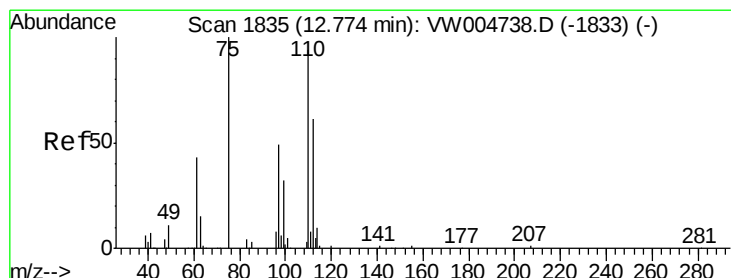
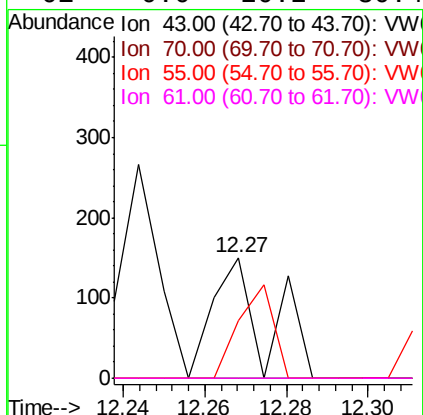
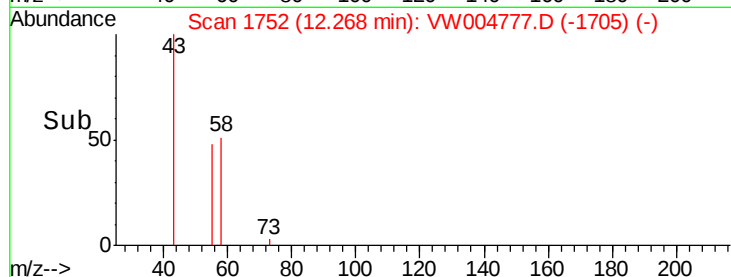
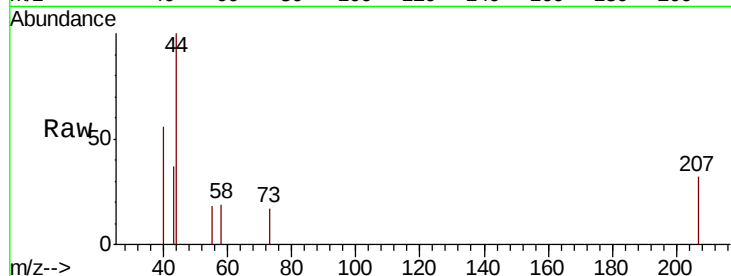




#74
N-amvl acetate
Concen: 4.05 ug/l
RT: 12.27 min Scan# 1752
Delta R.T. -0.01 min
Lab File: VW004777.D
Acq: 18 Aug 2018 12:31

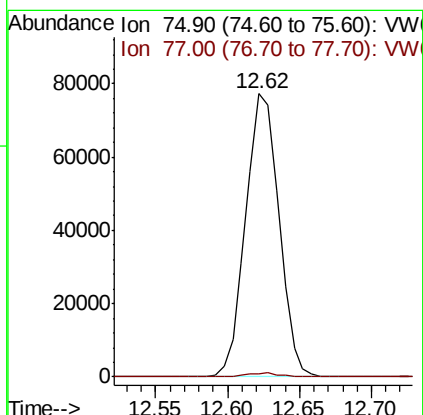
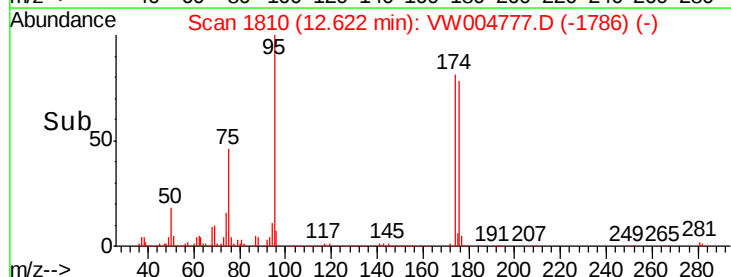
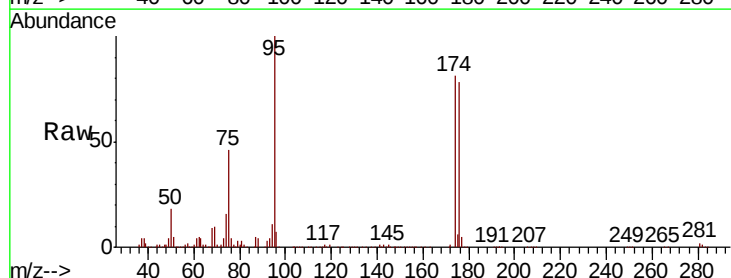
Instrument :
MSVOA_W
ClientSampleId :
72-11988

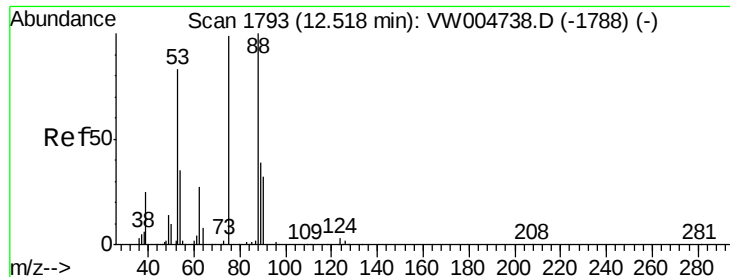
Tot Ion	Ratio	Lower	Upper
43	100		
70	0.0	36.3	54.5#
55	50.0	22.6	33.8#
61	0.0	20.2	30.4#



#76
1,2,3-Trichloropropane
Concen: 50.69 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.15 min
Lab File: VW004777.D
Acq: 18 Aug 2018 12:31

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#

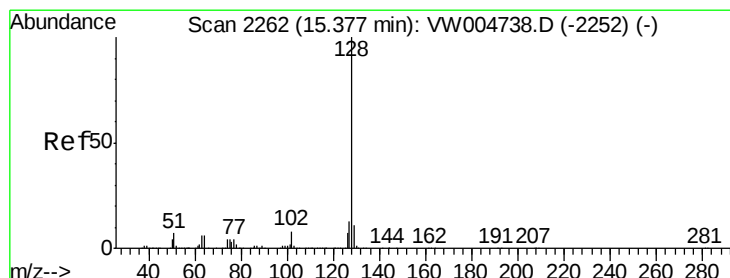
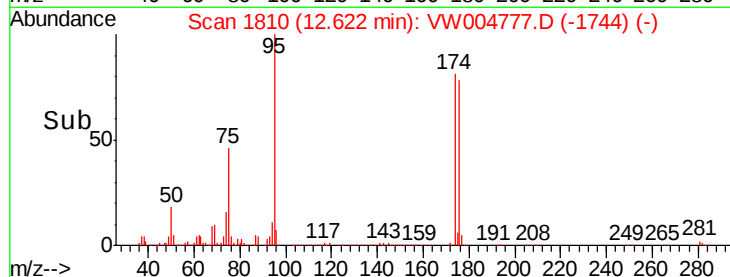
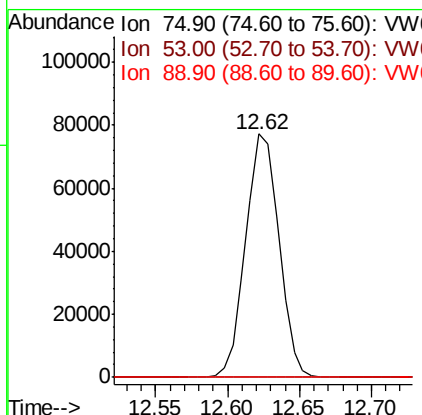
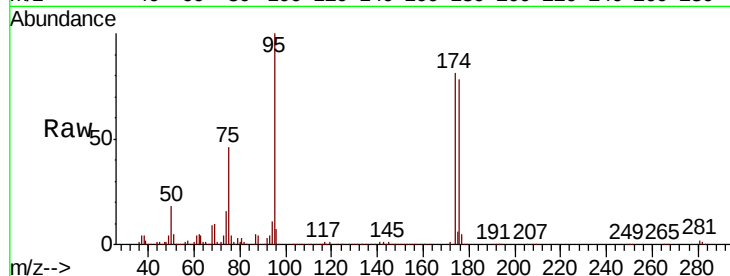




#81
trans-1,4-Dichloro-2-butene
Concen: 117.82 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.10 min
Lab File: VW004777.D
Acq: 18 Aug 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :
72-11988

Tot Ion: 75 Resp: 123911
Ion Ratio Lower Upper
75 100
53 0.3 72.2 108.4#
89 0.0 35.2 52.8#



#95
Naphthalene
Concen: 3.58 ug/l
RT: 15.38 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VW004777.D
Acq: 18 Aug 2018 12:31

Tgt Ion: 128 Resp: 837
Ion Ratio Lower Upper
128 100
127 13.5 10.4 15.6
129 2.5 8.6 13.0#

