

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081918\
 Data File : VW004769.D
 Acq On : 18 Aug 2018 09:05
 Operator : SY/AP
 Sample : J4521-01
 Misc : 7.82G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RT2286

Quant Time: Aug 20 12:00:01 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	574474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	976643	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	824168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	311556	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	314688	56.66	ug/l	0.00
Spiked Amount			Recovery	=	113.32%	
35) Dibromofluoromethane	7.88	113	308334	49.40	ug/l	0.00
Spiked Amount			Recovery	=	98.80%	
50) Toluene-d8	10.33	98	1001658	41.11	ug/l	0.00
Spiked Amount			Recovery	=	82.22%	
62) 4-Bromofluorobenzene	12.62	95	300371	34.27	ug/l	0.00
Spiked Amount			Recovery	=	68.54%	

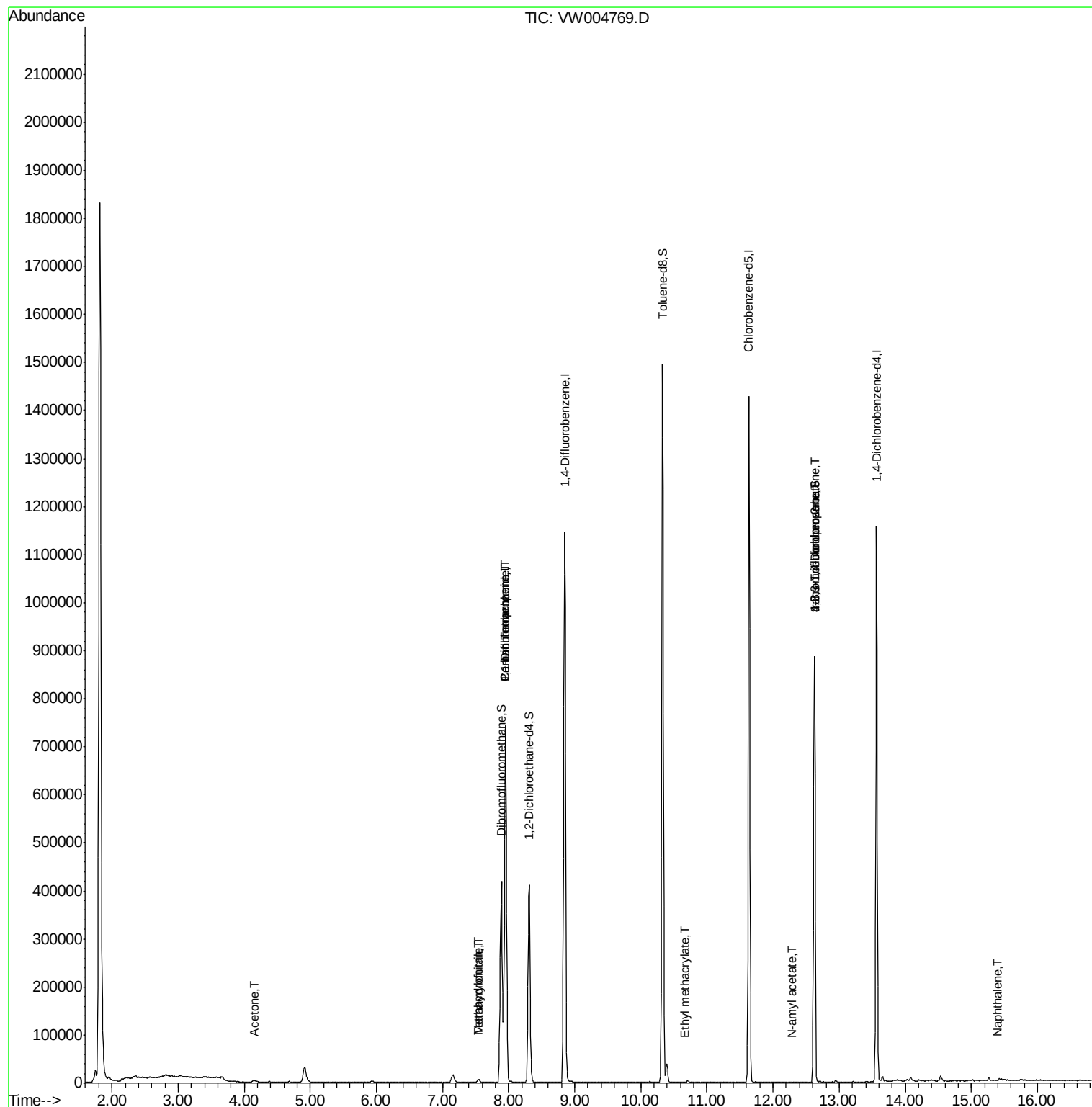
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	6620	4.67	ug/l	97
29) Tetrahydrofuran	7.55	42	4465	4.33	ug/l	95
36) 1,1-Dichloropropene	7.95	75	42565	4.23	ug/l #	48
38) Carbon Tetrachloride	7.95	117	52482	5.67	ug/l #	17
41) Methacrylonitrile	7.54	41	3469	1.52	ug/l #	45
56) Ethyl methacrylate	10.66	69	42	2.99	ug/l #	27
74) N-amyl acetate	12.27	43	44	4.03	ug/l #	44
76) 1,2,3-Trichloropropane	12.62	75	142046	51.72	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	142046	120.21	ug/l #	14
95) Naphthalene	15.39	128	844	3.57	ug/l #	69

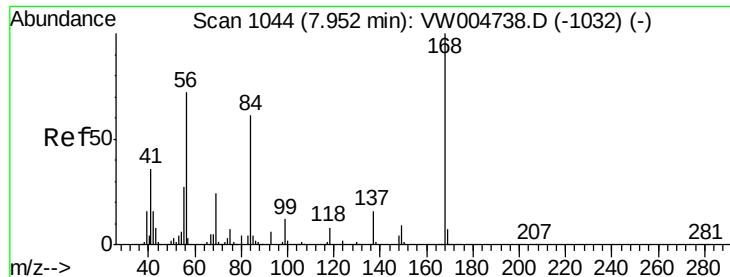
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VW004769.D

Acq: 18 Aug 2018 09:05

Instrument :

MSVOA_W

ClientSampleId :

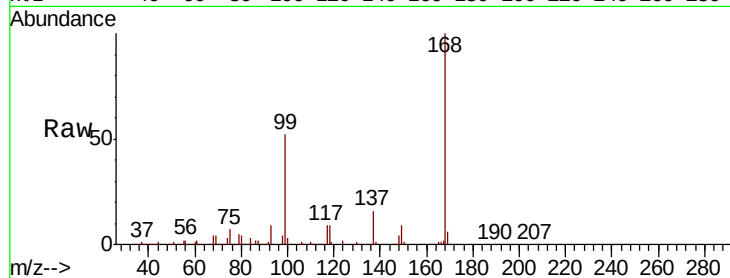
RT2286

Tot Ion:168 Resp: 574474

Ion Ratio Lower Upper

168 100

99 52.0 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

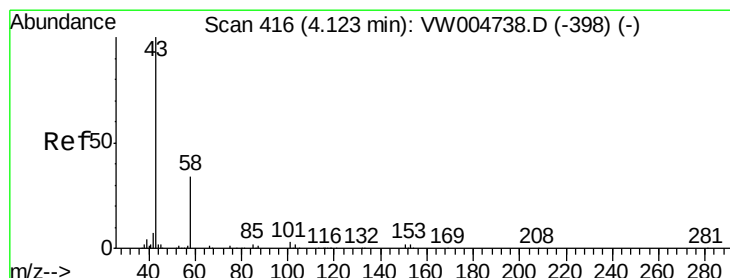
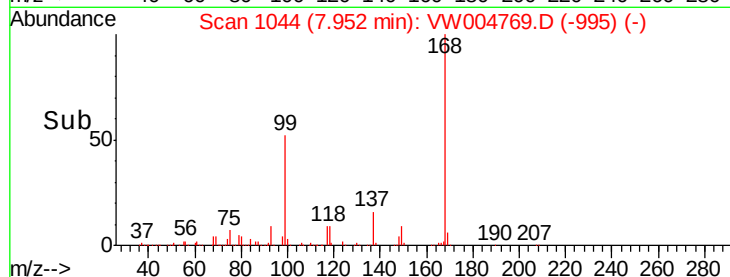
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 4.67 ug/l

RT: 4.15 min Scan# 421

Delta R.T. 0.03 min

Lab File: VW004769.D

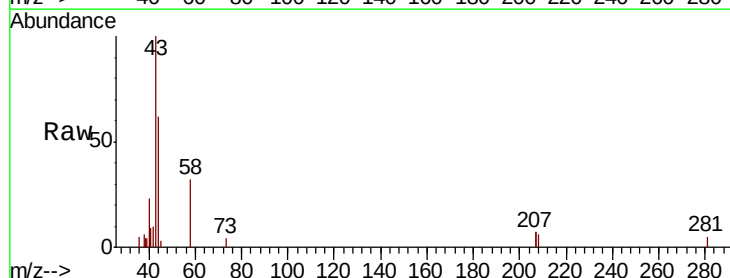
Acq: 18 Aug 2018 09:05

Tgt Ion: 43 Resp: 6620

Ion Ratio Lower Upper

43 100

58 32.4 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

2000

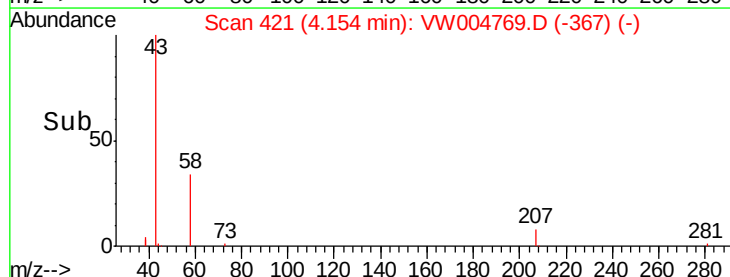
1500

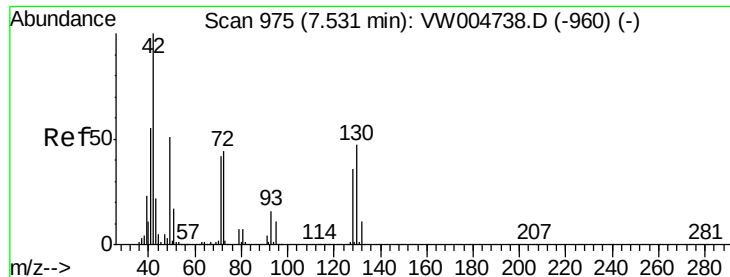
1000

500

0

Time-->





#29

Tetrahydrofuran

Concen: 4.33 ug/l

RT: 7.55 min Scan# 978

Delta R.T. 0.02 min

Lab File: VW004769.D

Acq: 18 Aug 2018 09:05

Instrument :

MSVOA_W

ClientSampleId :

RT2286

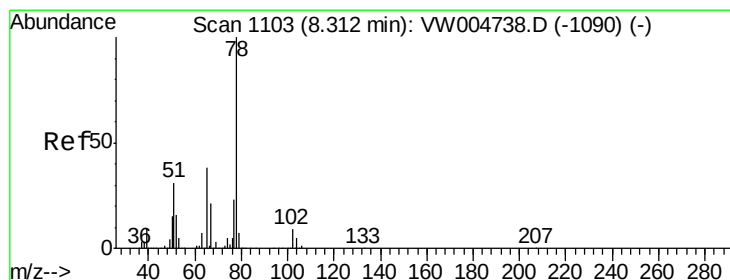
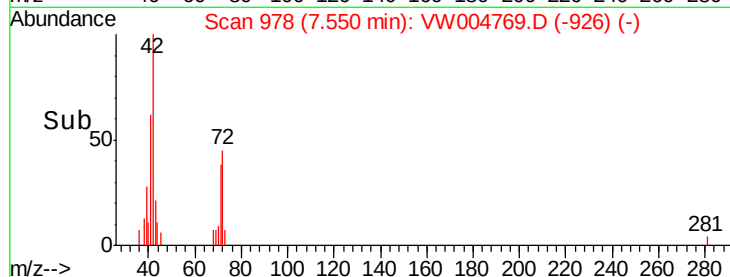
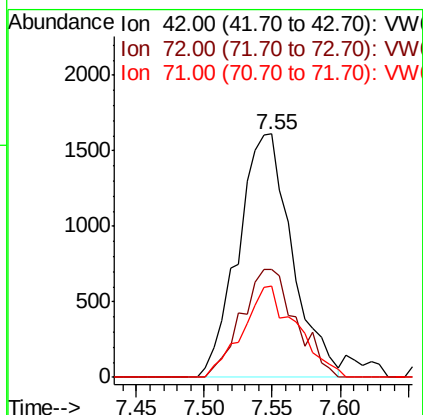
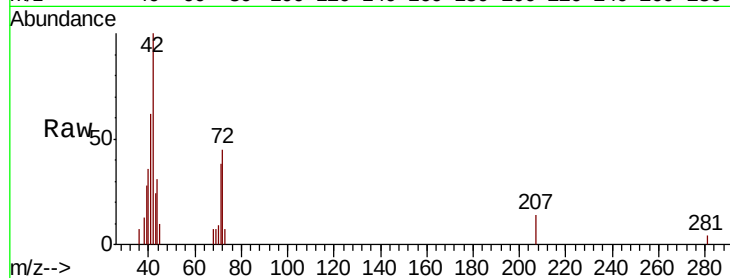
Tot Ion: 42 Resp: 4465

Ion Ratio Lower Upper

42 100

72 44.7 34.9 52.3

71 37.4 33.8 50.6



#33

1,2-Dichloroethane-d4

Concen: 56.66 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW004769.D

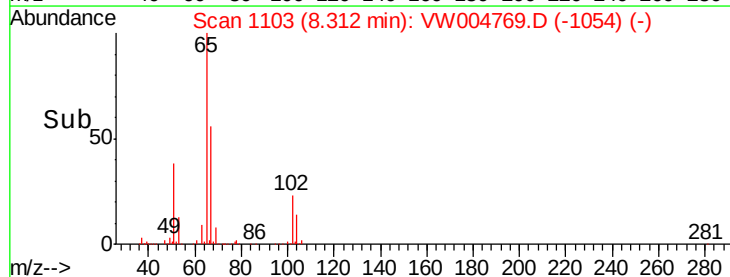
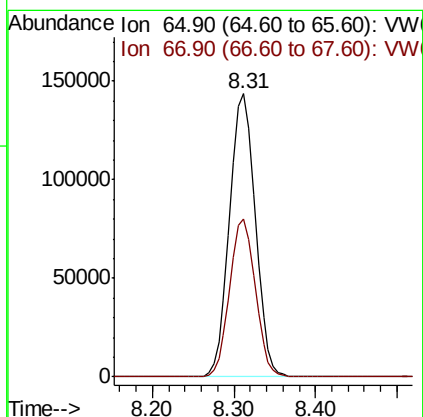
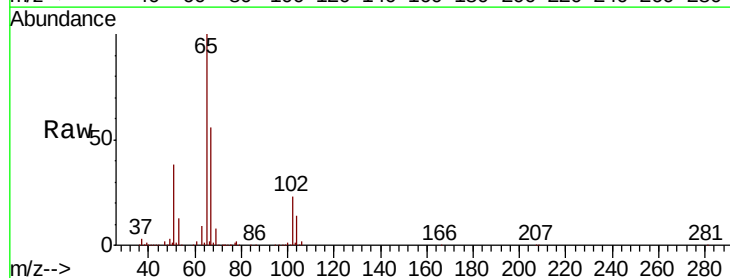
Acq: 18 Aug 2018 09:05

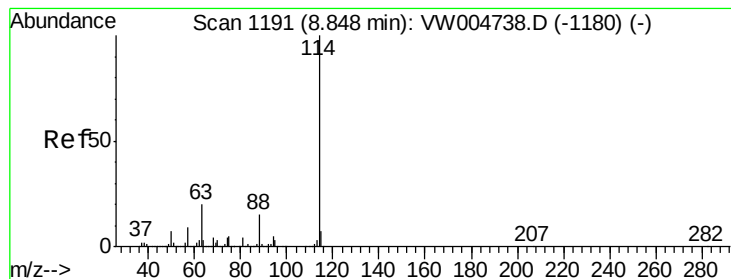
Tgt Ion: 65 Resp: 314688

Ion Ratio Lower Upper

65 100

67 55.3 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: VW004769.D

Acq: 18 Aug 2018 09:05

Instrument :

MSVOA_W

ClientSampleId :

RT2286

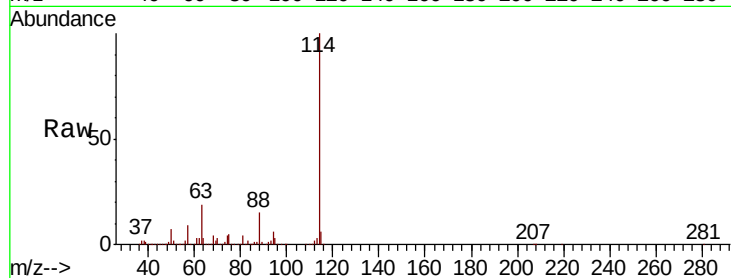
Tot Ion:114 Resp: 976643

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.0

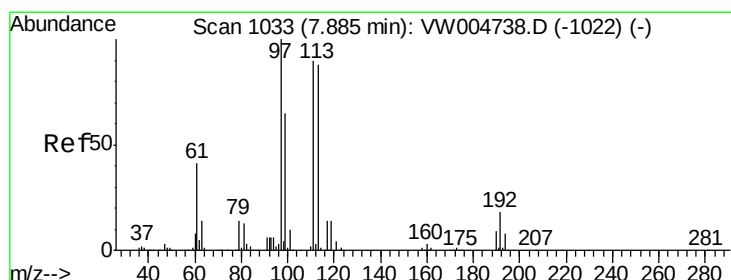
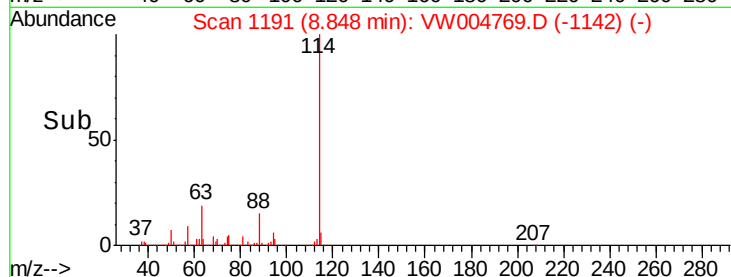
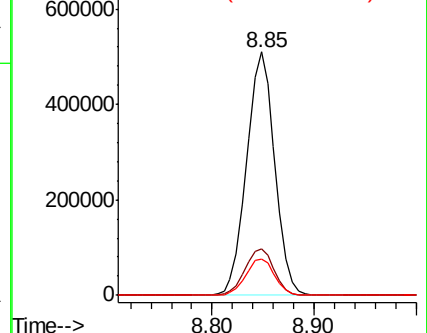
88 15.1 0.0 30.0



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



#35

Dibromofluoromethane

Concen: 49.40 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW004769.D

Acq: 18 Aug 2018 09:05

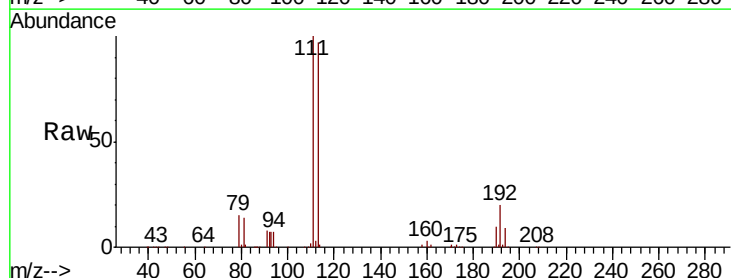
Tgt Ion:113 Resp: 308334

Ion Ratio Lower Upper

113 100

111 102.5 82.4 123.6

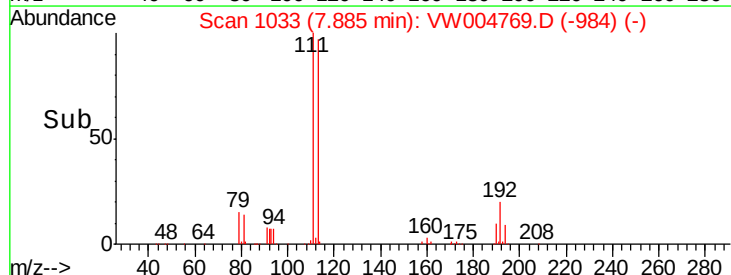
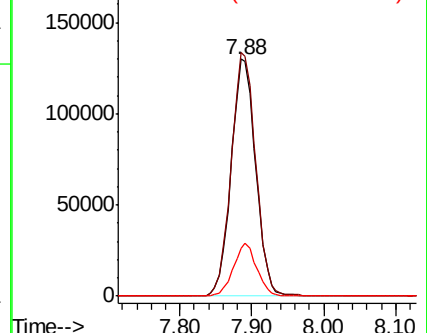
192 21.0 16.7 25.1

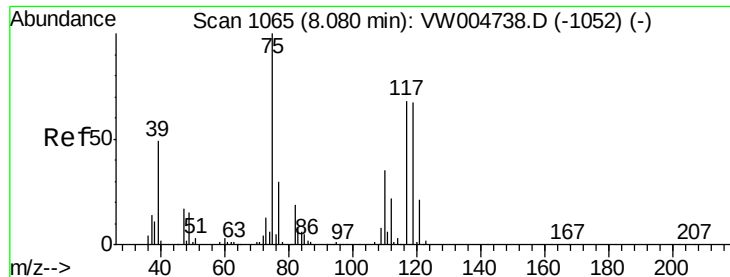


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.23 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW004769.D

Acq: 18 Aug 2018 09:05

Instrument :

MSVOA_W

ClientSampleId :

RT2286

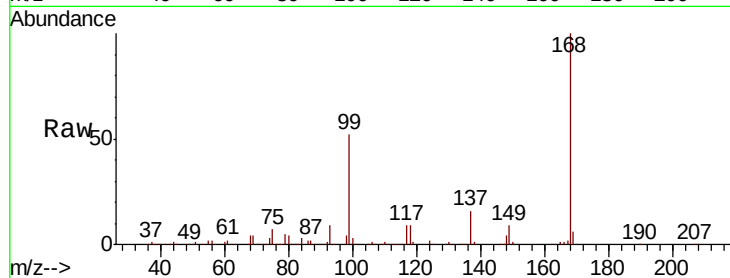
Tot Ion: 75 Resp: 42565

Ion Ratio Lower Upper

75 100

110 7.7 17.8 53.5#

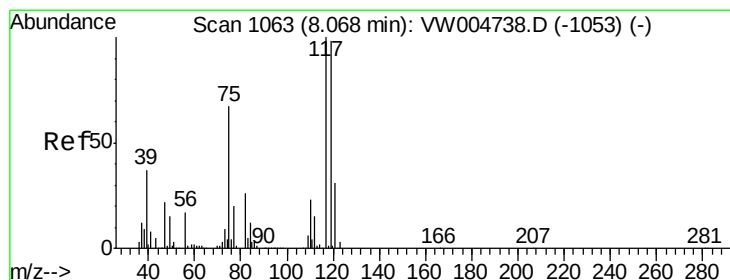
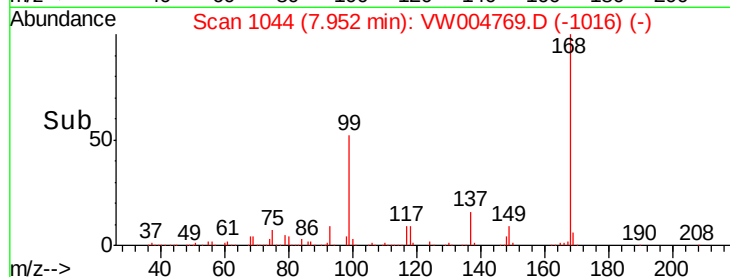
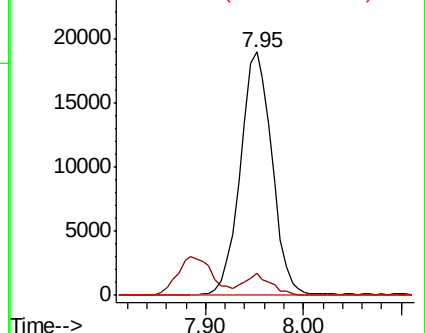
77 0.0 24.9 37.3#



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: 5.67 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004769.D

Acq: 18 Aug 2018 09:05

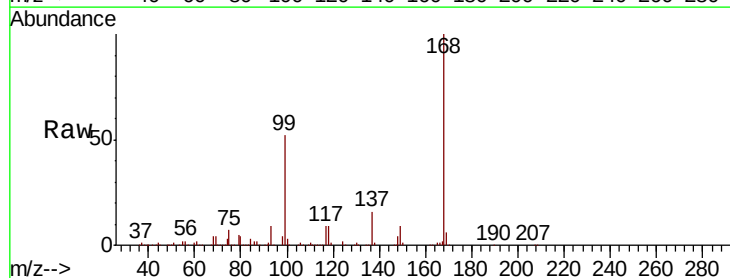
Tgt Ion: 117 Resp: 52482

Ion Ratio Lower Upper

117 100

119 6.8 78.0 117.0#

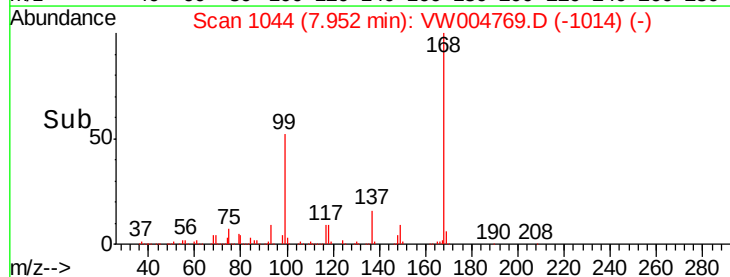
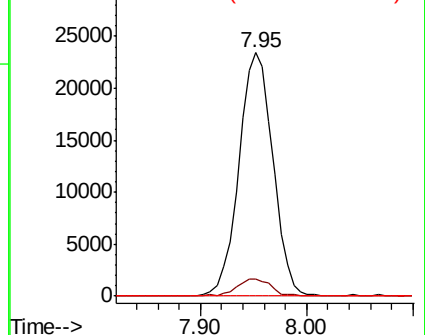
121 0.0 24.8 37.2#

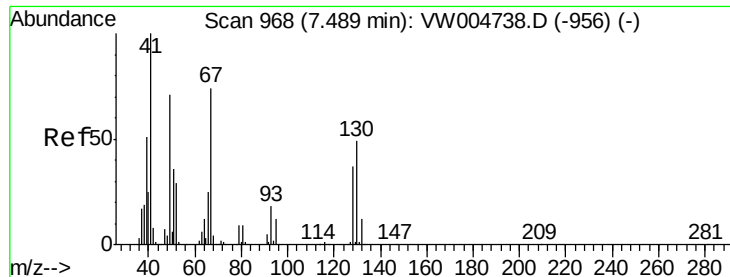


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

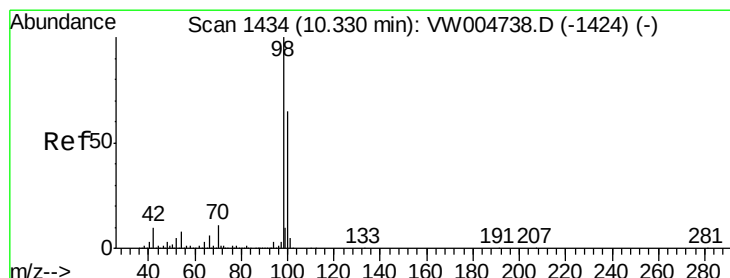
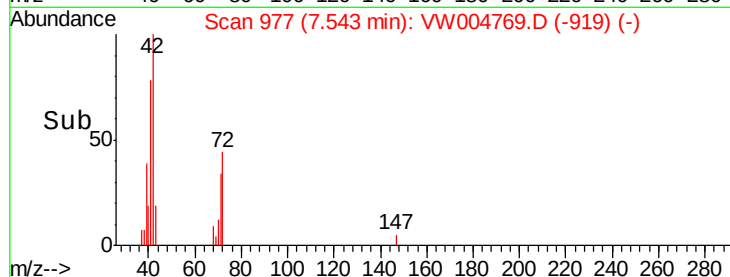
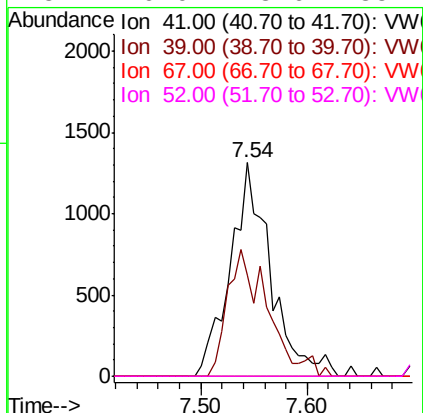
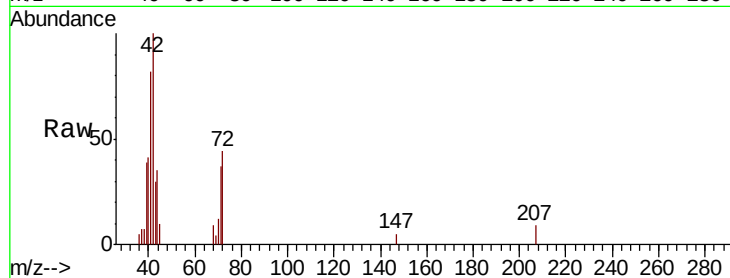




#41
Methacrylonitrile
Concen: 1.52 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.05 min
Lab File: VW004769.D
Acq: 18 Aug 2018 09:05

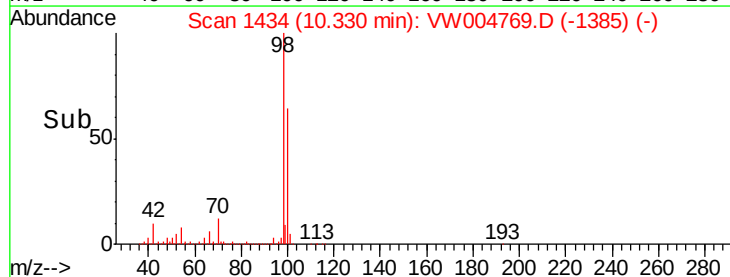
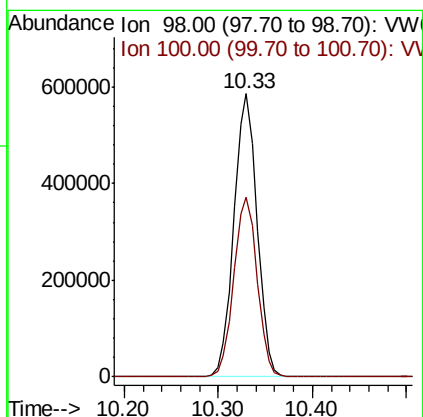
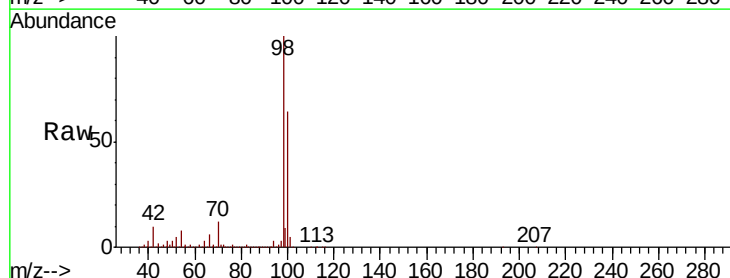
Instrument :
MSVOA_W
ClientSampled :
RT2286

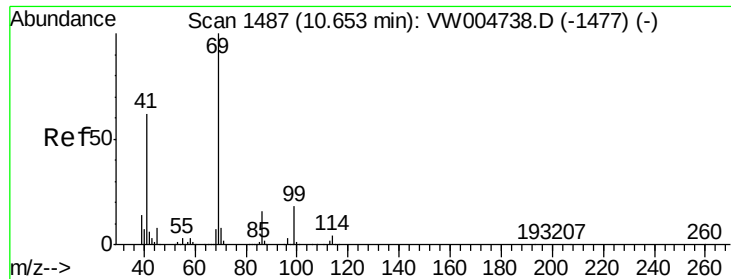
Tot Ion:	41	Resp:	3469
Ion	Ratio	Lower	Upper
41	100		
39	57.0	41.0	61.4
67	0.0	59.5	89.3#
52	0.0	23.6	35.4#



#50
Toluene-d8
Concen: 41.11 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004769.D
Acq: 18 Aug 2018 09:05

Tgt Ion:	98	Resp:	1001658
Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.8	77.8





#56

Ethyl methacrylate

Concen: 2.99 ug/l

RT: 10.66 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW004769.D

Acq: 18 Aug 2018 09:05

Instrument :

MSVOA_W

ClientSampleId :

RT2286

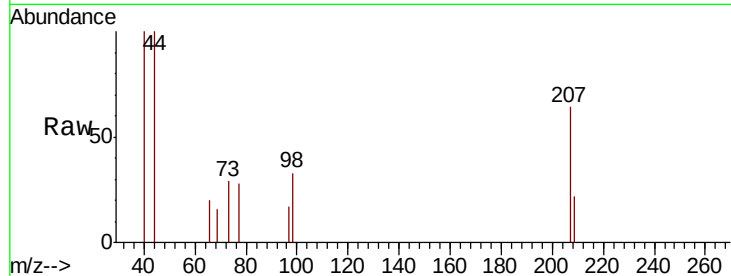
Tot Ion: 69 Resp: 42

Ion Ratio Lower Upper

69 100

41 0.0 50.7 76.1#

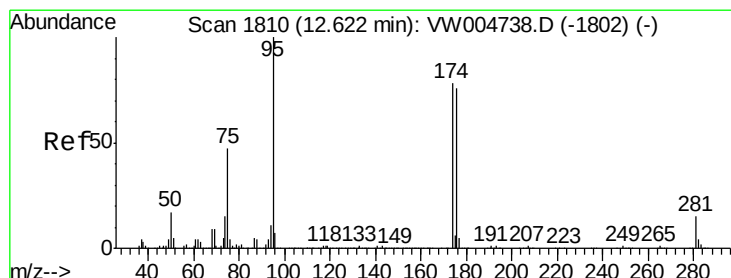
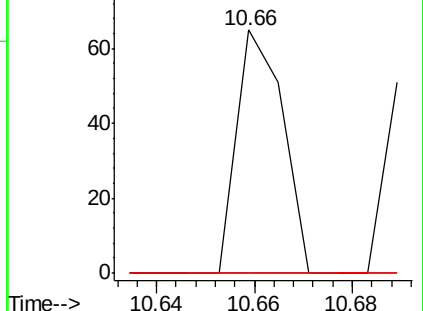
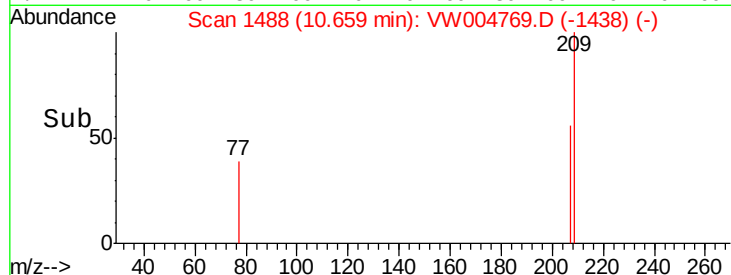
39 0.0 21.4 32.2#



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: 34.27 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004769.D

Acq: 18 Aug 2018 09:05

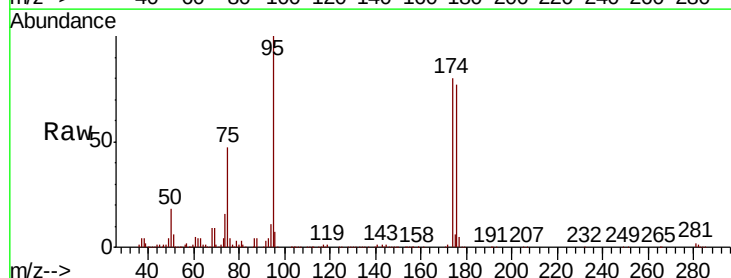
Tgt Ion: 95 Resp: 300371

Ion Ratio Lower Upper

95 100

174 85.0 0.0 165.8

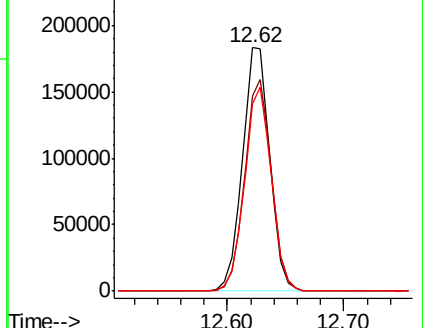
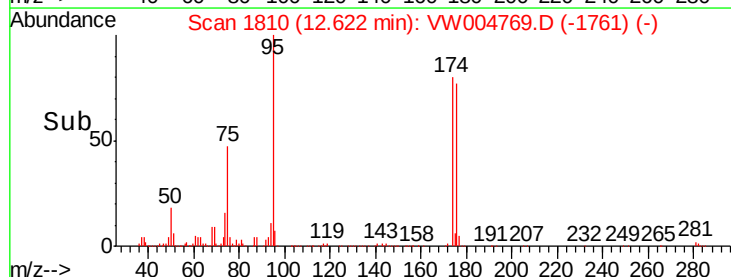
176 81.8 0.0 159.8

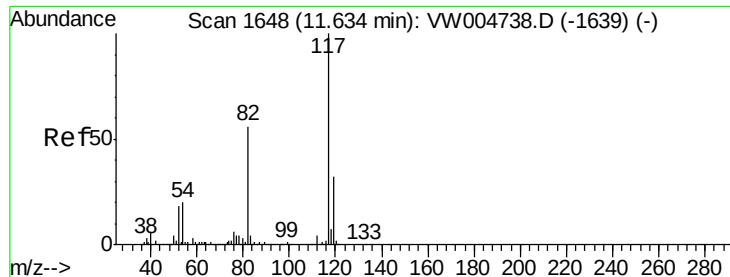


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

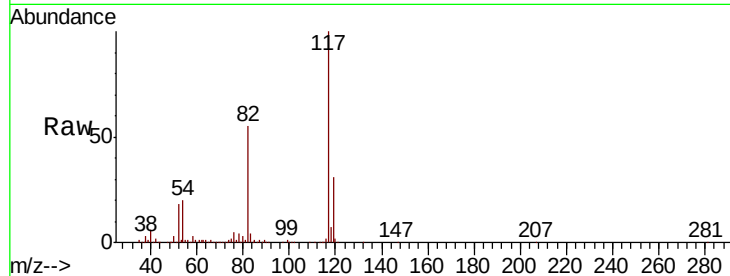




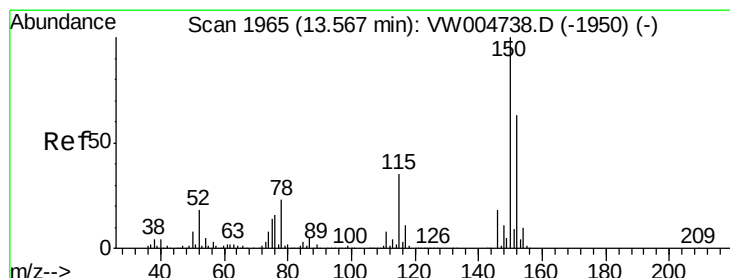
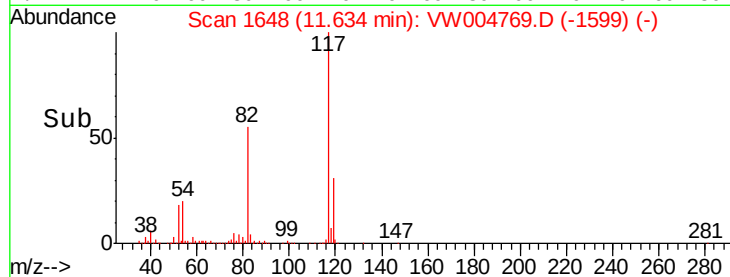
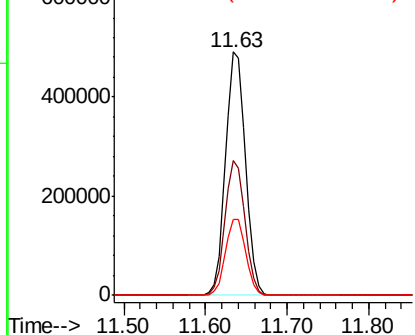
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004769.D
Acq: 18 Aug 2018 09:05

Instrument :
MSVOA_W
ClientSampleId :
RT2286

Tot Ion:117 Resp: 824168
Ion Ratio Lower Upper
117 100
82 55.4 44.6 67.0
119 31.1 25.6 38.4

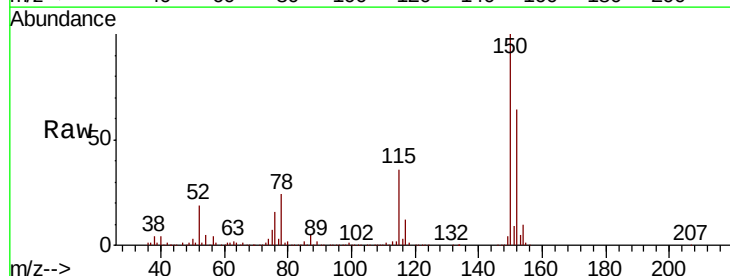


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

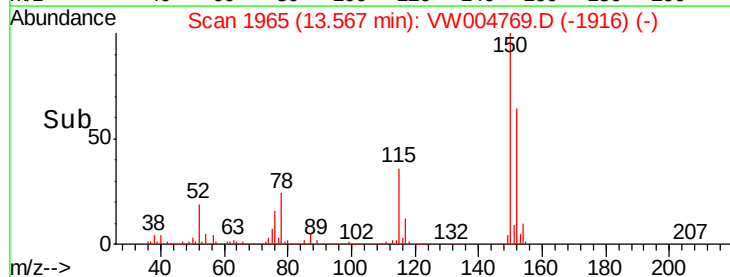
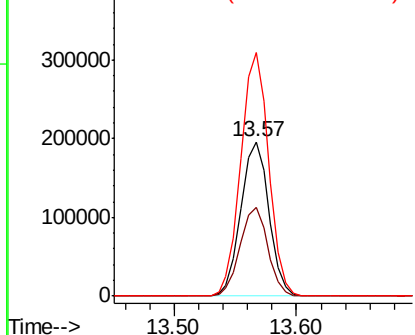


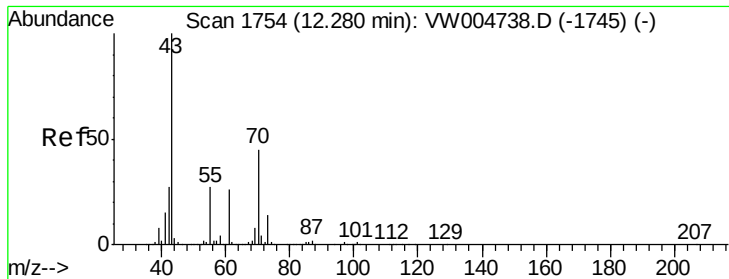
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004769.D
Acq: 18 Aug 2018 09:05

Tgt Ion:152 Resp: 311556
Ion Ratio Lower Upper
152 100
115 57.0 28.5 85.5
150 157.2 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-amvl acetate

Concen: 4.03 ug/l

RT: 12.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VW004769.D

Acq: 18 Aug 2018 09:05

Instrument :

MSVOA_W

ClientSampleId :

RT2286

Tot Ion: 43 Resp: 44

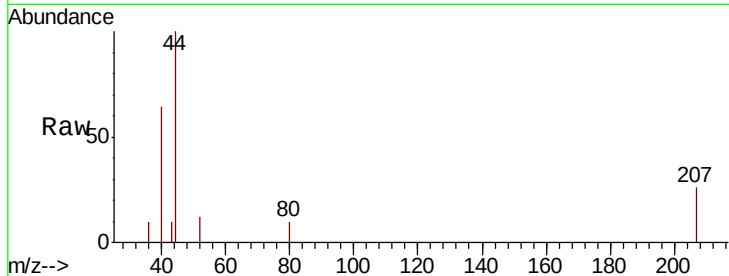
Ion Ratio Lower Upper

43 100

70 0.0 36.3 54.5#

55 50.0 22.6 33.8#

61 0.0 20.2 30.4#

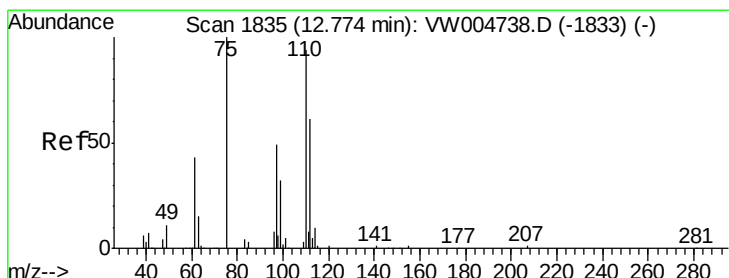
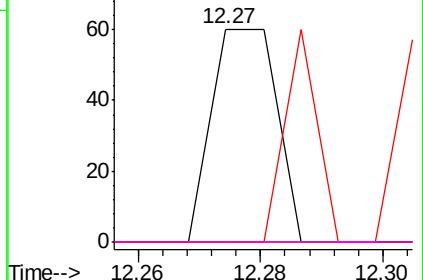
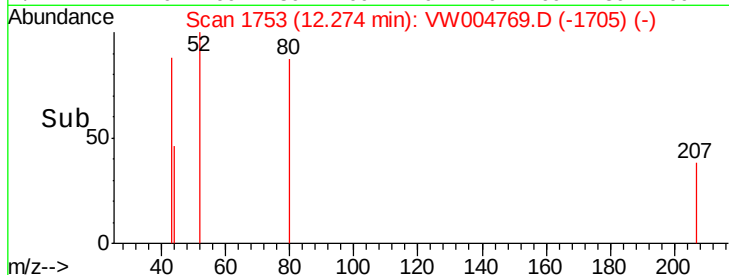


Abundance Ion 43.00 (42.70 to 43.70): VW

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: 51.72 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004769.D

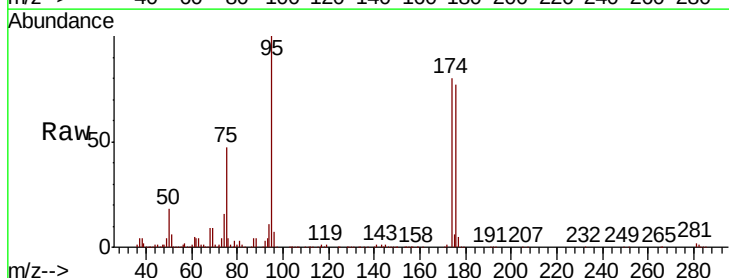
Acq: 18 Aug 2018 09:05

Tgt Ion: 75 Resp: 142046

Ion Ratio Lower Upper

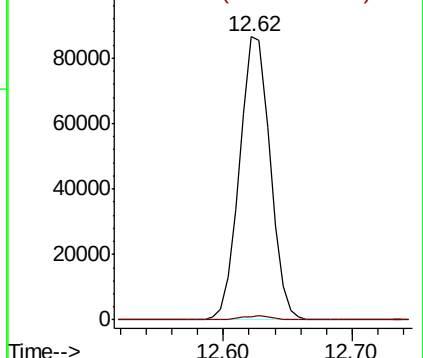
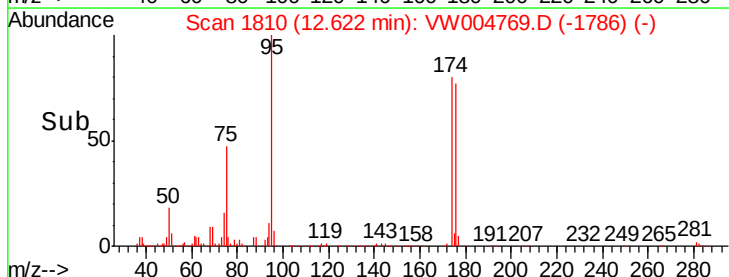
75 100

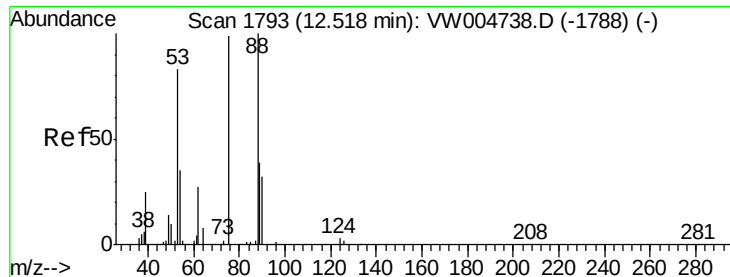
77 1.4 0.0 0.0#



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: 120.21 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004769.D

Acq: 18 Aug 2018 09:05

Instrument :

MSVOA_W

ClientSampleId :

RT2286

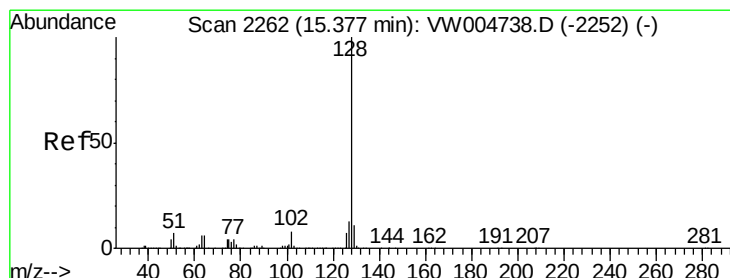
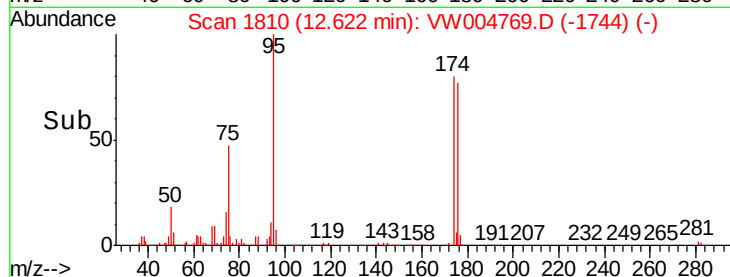
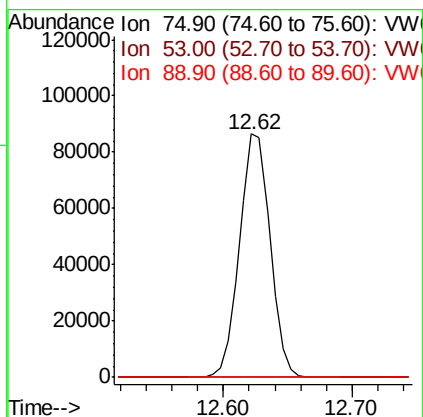
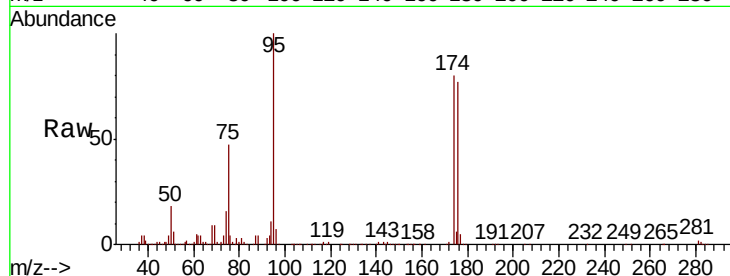
Tot Ion: 75 Resp: 142046

Ion Ratio Lower Upper

75 100

53 0.3 72.2 108.4#

89 0.0 35.2 52.8#



#95

Naphthalene

Concen: 3.57 ug/l

RT: 15.39 min Scan# 2264

Delta R.T. 0.01 min

Lab File: VW004769.D

Acq: 18 Aug 2018 09:05

Tgt Ion: 128 Resp: 844

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 8.6 13.0#

