

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081918\
 Data File : VW004764.D
 Acq On : 18 Aug 2018 06:56
 Operator : SY/AP
 Sample : J4500-05
 Misc : 6.13G/5ML/MSVOA W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2

Quant Time: Aug 20 11:59:03 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	592695	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1055688	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	962075	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	392385	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	340417	59.41	ug/l	0.00
Spiked Amount			Recovery	=	118.82%	
35) Dibromofluoromethane	7.95	113	1193	0.18	ug/l	0.07
Spiked Amount			Recovery	=	0.36%	
50) Toluene-d8	10.33	98	1208545	45.89	ug/l	0.00
Spiked Amount			Recovery	=	91.78%	
62) 4-Bromofluorobenzene	12.62	95	366204	38.65	ug/l	0.00
Spiked Amount			Recovery	=	77.30%	

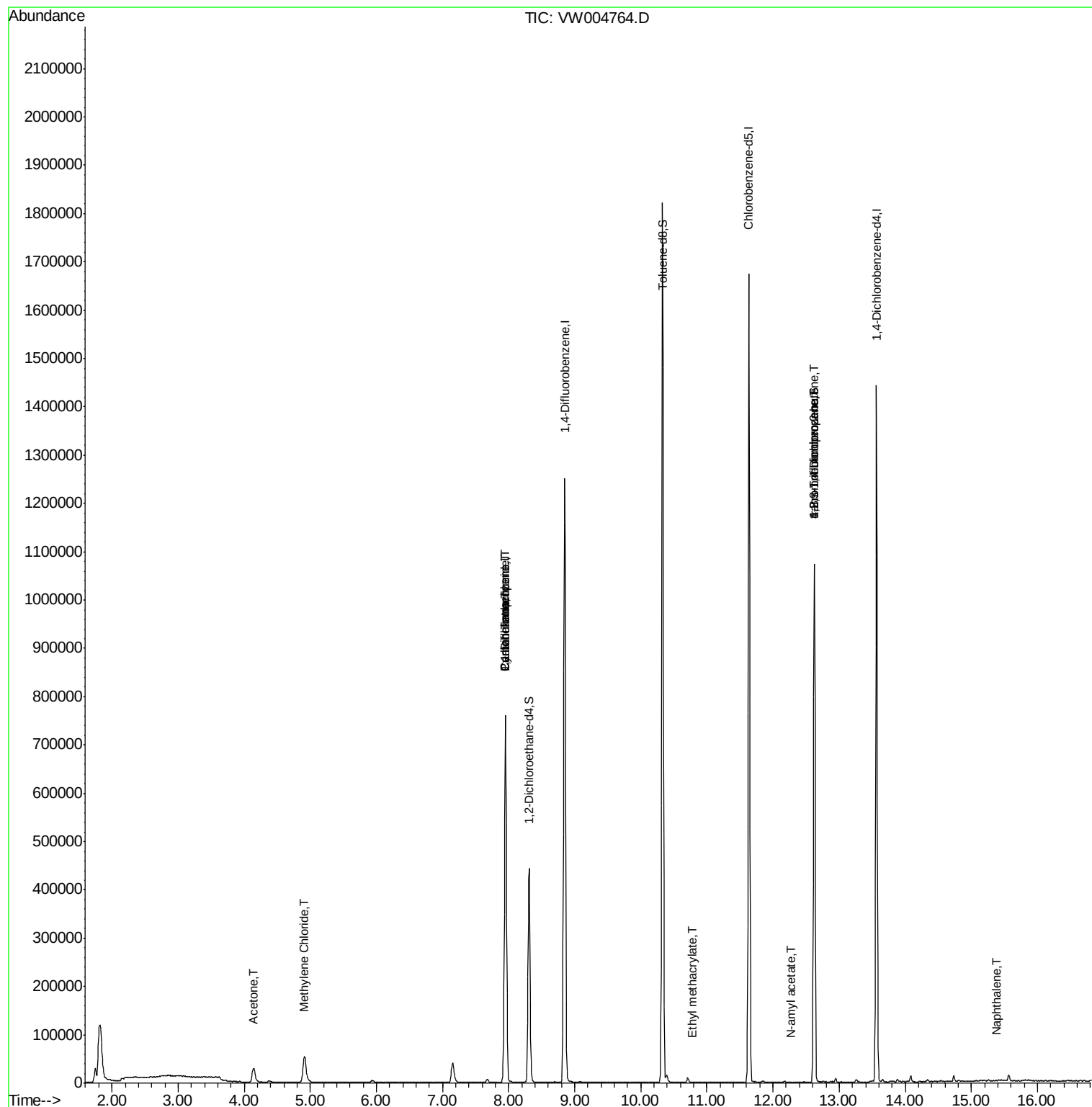
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	57181	39.09	ug/l	95
20) Methylene Chloride	4.91	84	47859	3.12	ug/l	96
31) Cyclohexane	7.95	56	11492	1.03	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	42902	3.94	ug/l #	49
38) Carbon Tetrachloride	7.95	117	54354	5.43	ug/l #	17
56) Ethyl methacrylate	10.77	69	53	2.99	ug/l #	1
74) N-amyl acetate	12.27	43	98	4.03	ug/l #	55
76) 1,2,3-Trichloropropane	12.62	75	173000	50.01	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	173000	116.25	ug/l #	14
95) Naphthalene	15.37	128	1984	3.62	ug/l #	94

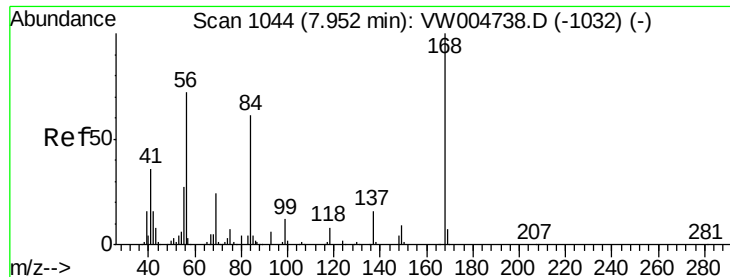
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081918\
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TP-2

Quant Time: Aug 20 11:59:03 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
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: VW004764.D

Acq: 18 Aug 2018 06:56

Instrument :

MSVOA_W

ClientSampleId :

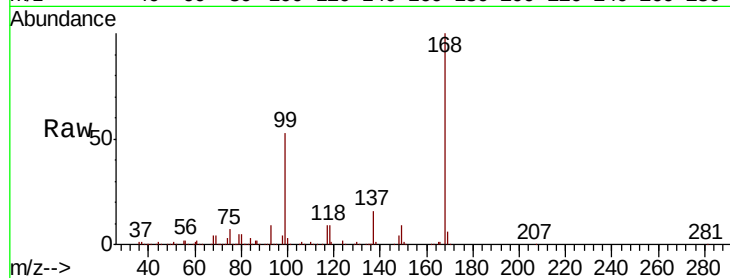
TP-2

Tot Ion:168 Resp: 592695

Ion Ratio Lower Upper

168 100

99 52.9 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

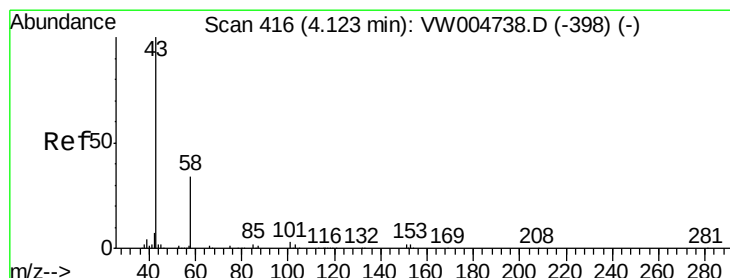
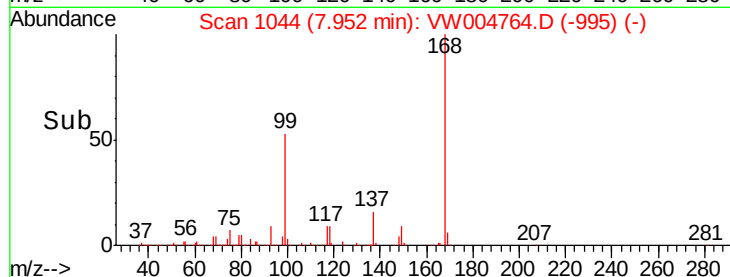
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 39.09 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.02 min

Lab File: VW004764.D

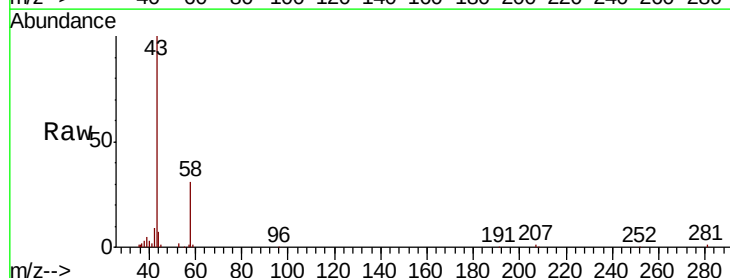
Acq: 18 Aug 2018 06:56

Tgt Ion: 43 Resp: 57181

Ion Ratio Lower Upper

43 100

58 31.2 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

20000

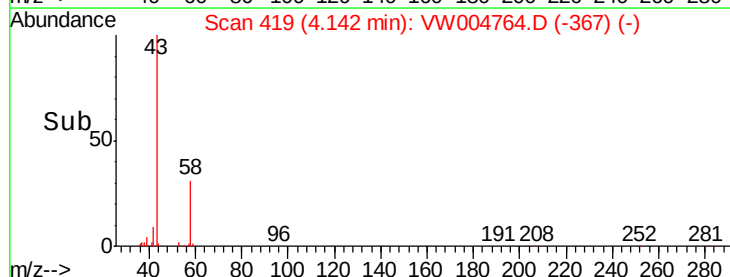
15000

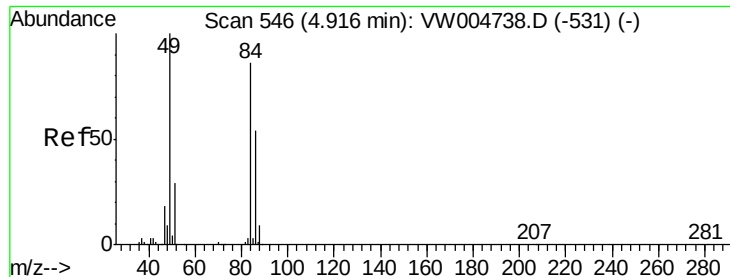
10000

5000

0

Time--> 4.00 4.10 4.20 4.30

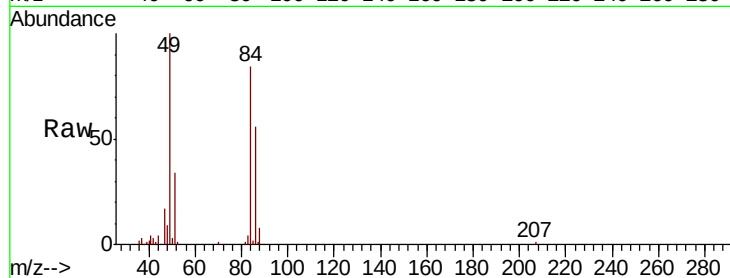




#20
Methylene Chloride
Concen: 3.12 ug/l
RT: 4.91 min Scan# 545
Delta R.T. -0.01 min
Lab File: VW004764.D
Acq: 18 Aug 2018 06:56

Instrument :
MSVOA_W
ClientSampled :
TP-2

Tot Ion:	84	Resp:	47859
Ion	Ratio	Lower	Upper
84	100		
49	119.4	93.2	139.8
51	40.2	27.4	41.0
86	66.3	50.6	75.8



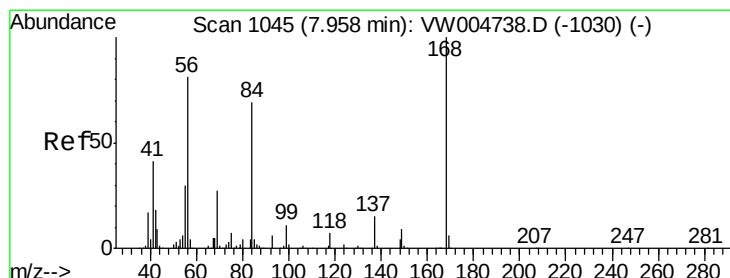
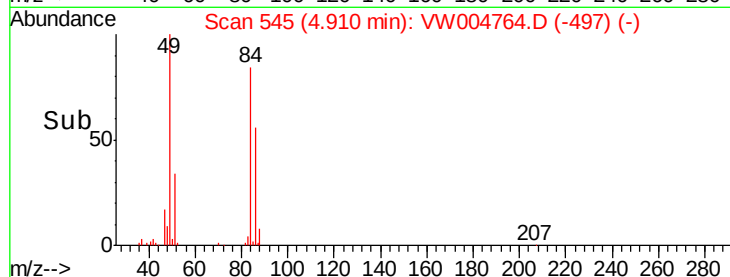
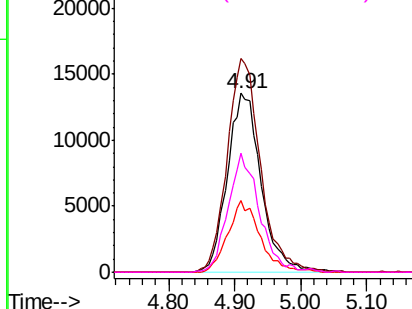
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

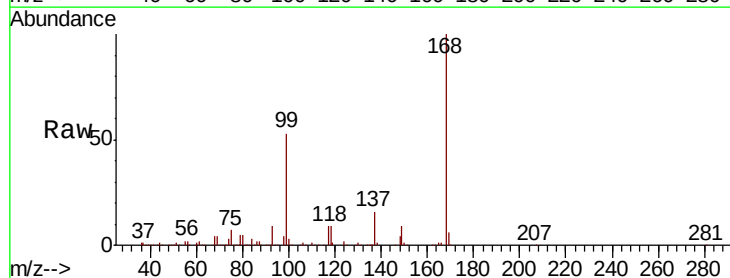
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#31
Cyclohexane
Concen: 1.03 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW004764.D
Acq: 18 Aug 2018 06:56

Tgt Ion:	56	Resp:	11492
Ion	Ratio	Lower	Upper
56	100		
69	197.4	27.1	40.7#
84	155.3	68.3	102.5#

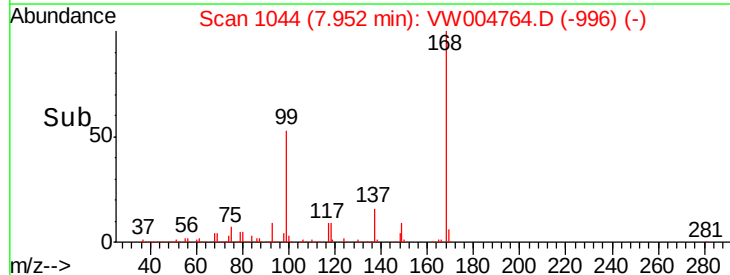
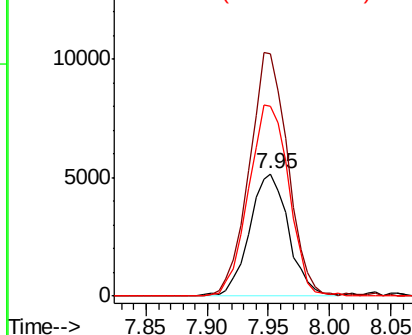


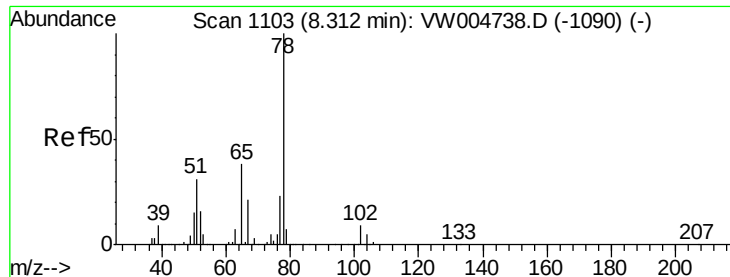
Abundance

Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

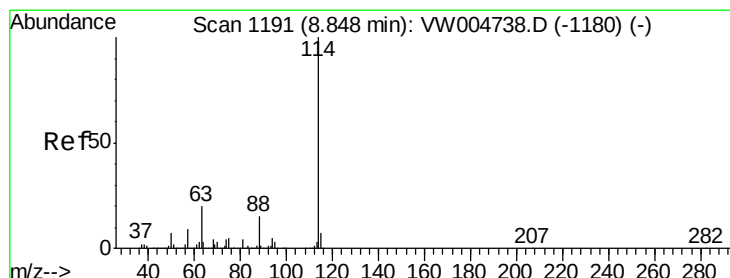
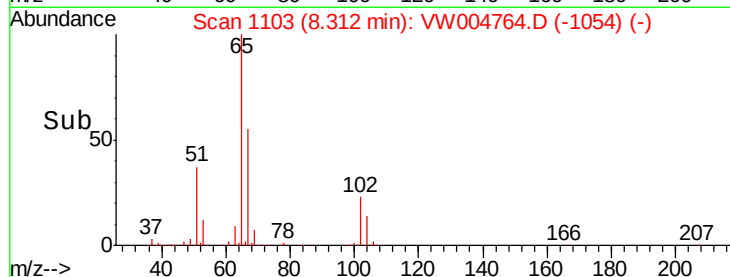
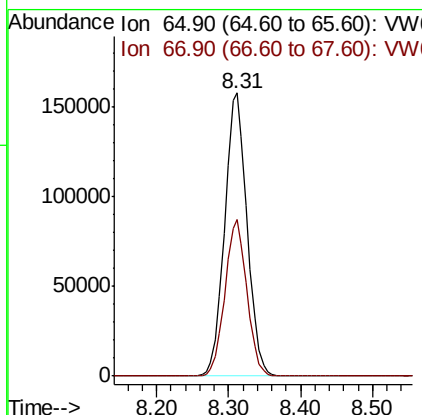
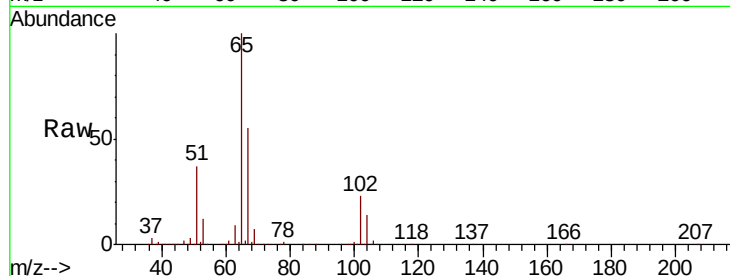




#33
 1,2-Dichloroethane-d4
 Concen: 59.41 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004764.D
 Acq: 18 Aug 2018 06:56

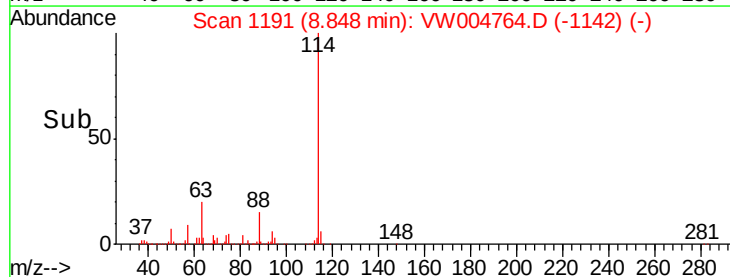
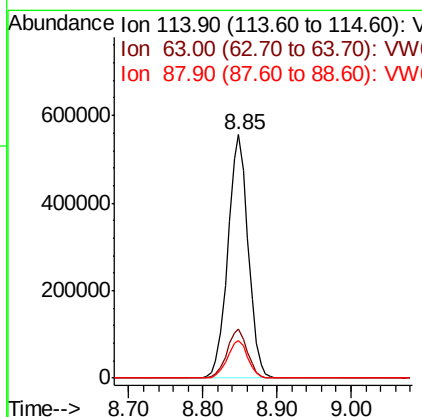
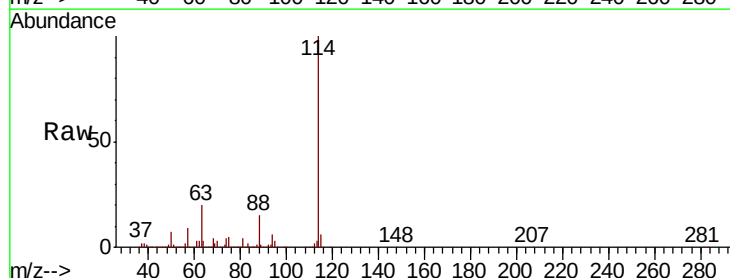
Instrument :
 MSVOA_W
 ClientSampled :
 TP-2

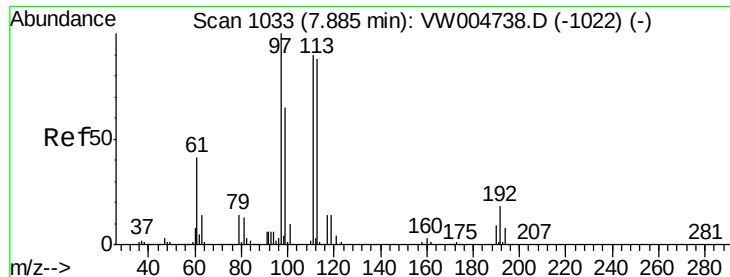
Tot Ion: 65 Resp: 340417
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004764.D
 Acq: 18 Aug 2018 06:56

Tgt Ion: 114 Resp: 1055688
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.0
 88 15.2 0.0 30.0

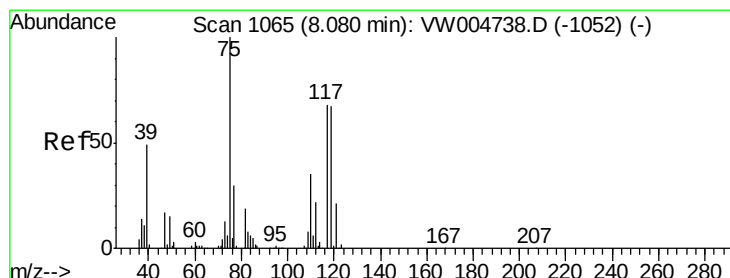
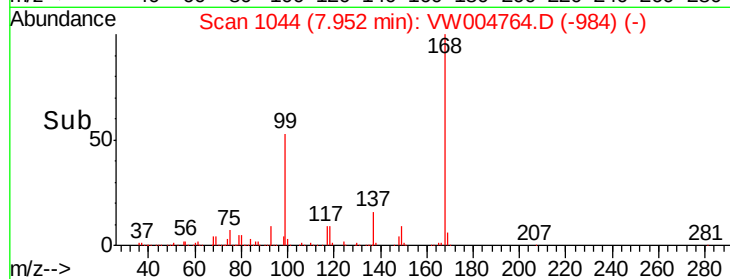
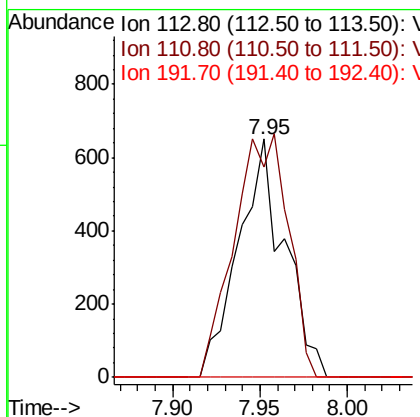
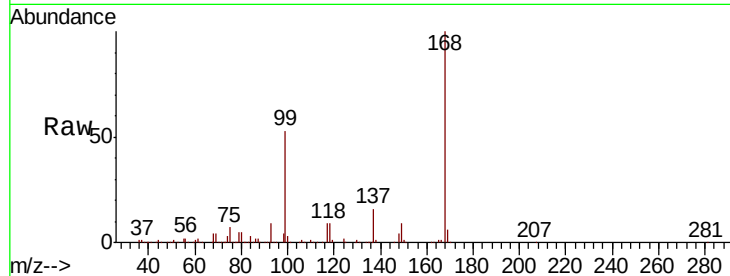




#35
 Dibromofluoromethane
 Concen: 0.18 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. 0.07 min
 Lab File: VW004764.D
 Acq: 18 Aug 2018 06:56

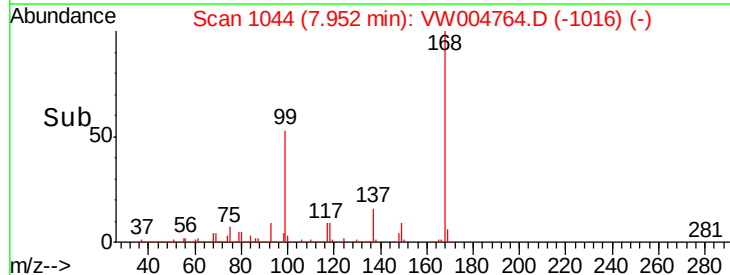
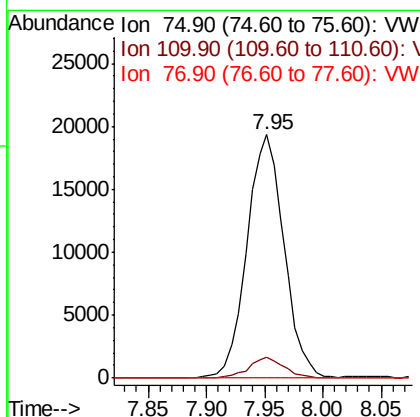
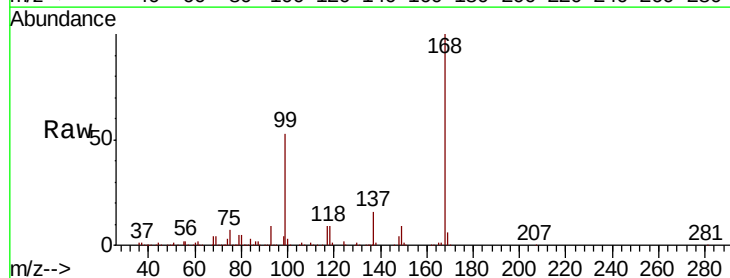
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2

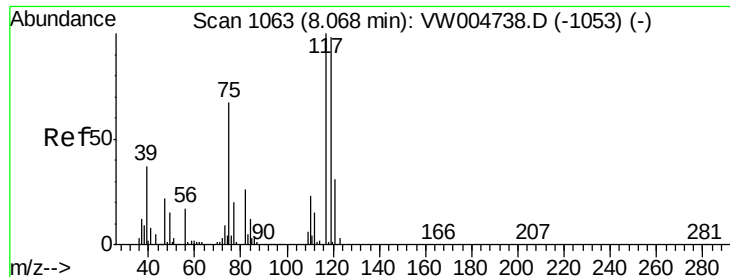
Tot Ion:113 Resp: 1193
 Ion Ratio Lower Upper
 113 100
 111 119.9 82.4 123.6
 192 0.0 16.7 25.1#



#36
 1,1-Dichloropropene
 Concen: 3.94 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004764.D
 Acq: 18 Aug 2018 06:56

Tgt Ion: 75 Resp: 42902
 Ion Ratio Lower Upper
 75 100
 110 8.1 17.8 53.5#
 77 0.2 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: VW004764.D

Acq: 18 Aug 2018 06:56

Instrument :

MSVOA_W

ClientSampled :

TP-2

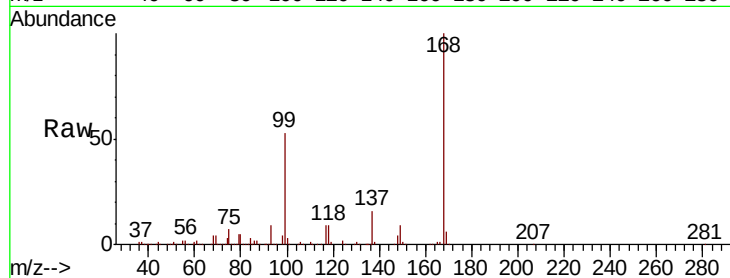
Tot Ion:117 Resp: 54354

Ion Ratio Lower Upper

117 100

119 6.7 78.0 117.0#

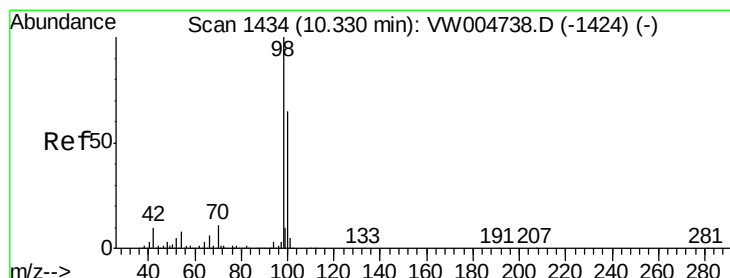
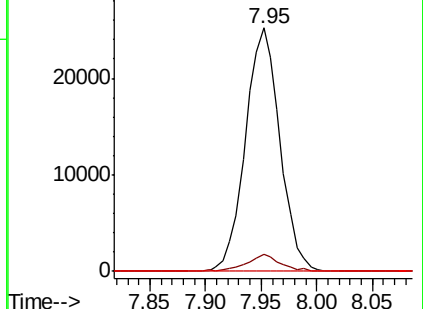
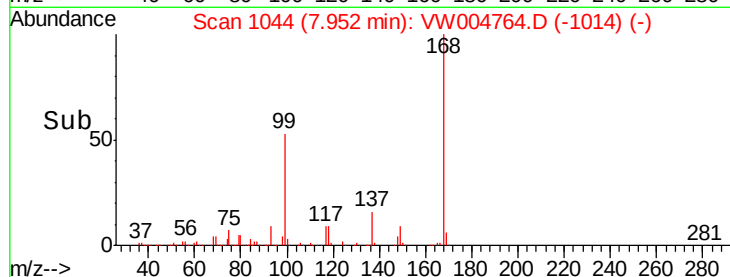
121 0.0 24.8 37.2#



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: 45.89 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004764.D

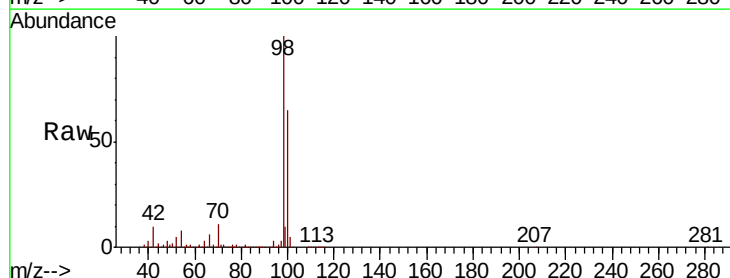
Acq: 18 Aug 2018 06:56

Tgt Ion: 98 Resp: 1208545

Ion Ratio Lower Upper

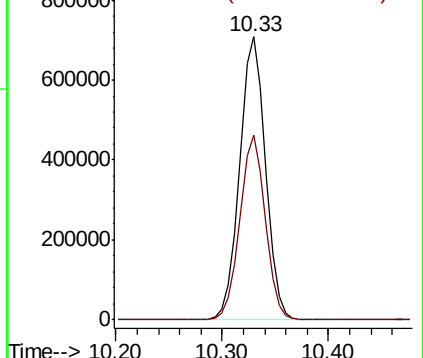
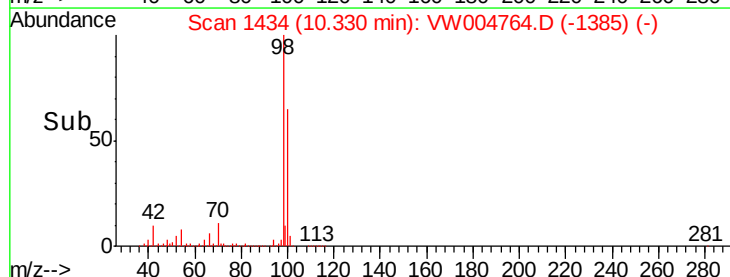
98 100

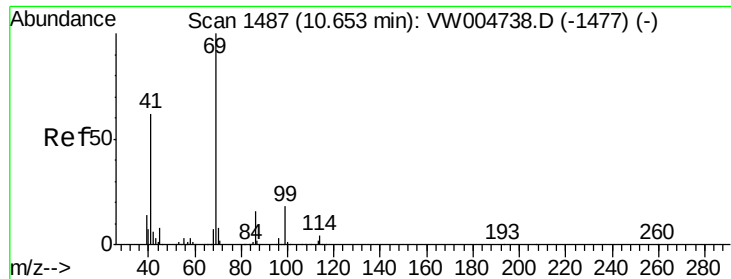
100 64.2 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#56

Ethyl methacrylate

Concen: 2.99 ug/l

RT: 10.77 min Scan# 1506

Delta R.T. 0.12 min

Lab File: VW004764.D

Acq: 18 Aug 2018 06:56

Instrument :

MSVOA_W

ClientSampled :

TP-2

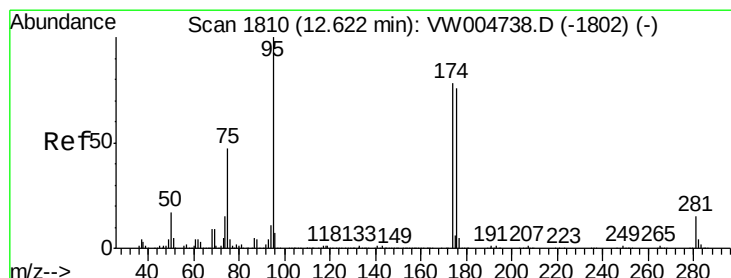
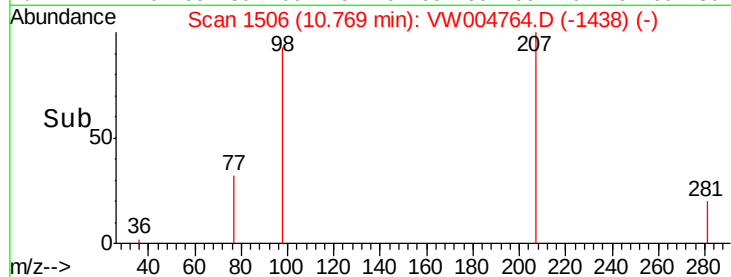
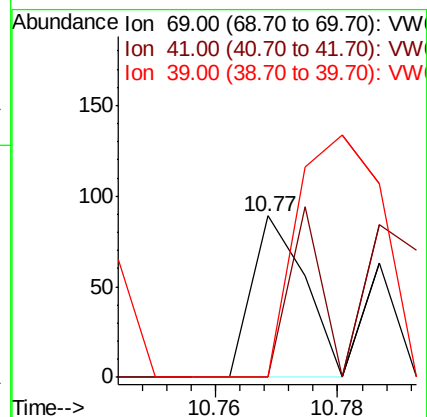
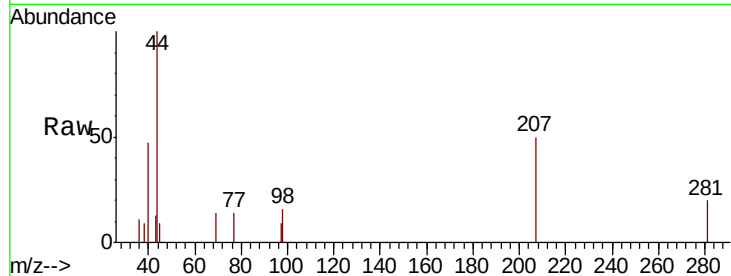
Tot Ion: 69 Resp: 53

Ion Ratio Lower Upper

69 100

41 64.2 50.7 76.1

39 247.2 21.4 32.2#



#62

4-Bromofluorobenzene

Concen: 38.65 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004764.D

Acq: 18 Aug 2018 06:56

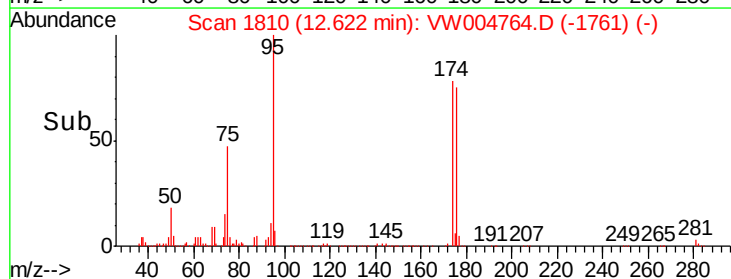
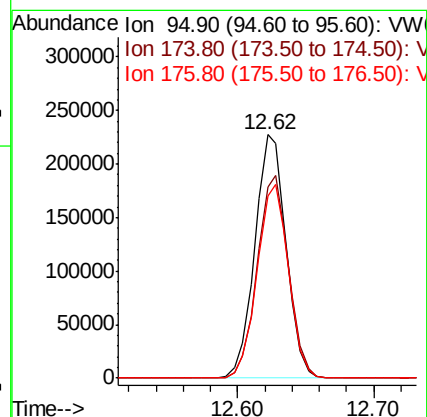
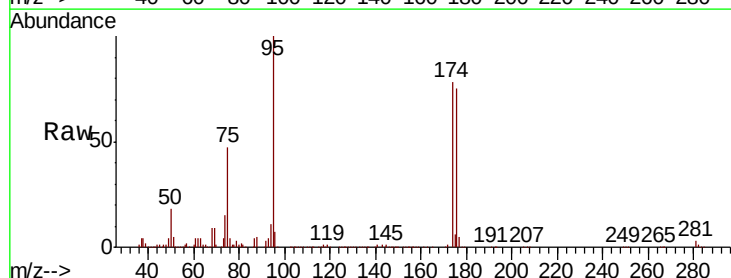
Tgt Ion: 95 Resp: 366204

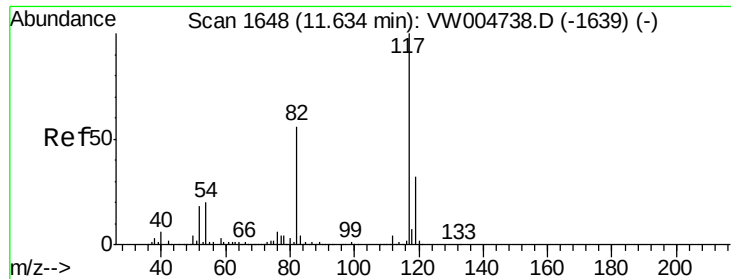
Ion Ratio Lower Upper

95 100

174 83.4 0.0 165.8

176 79.8 0.0 159.8

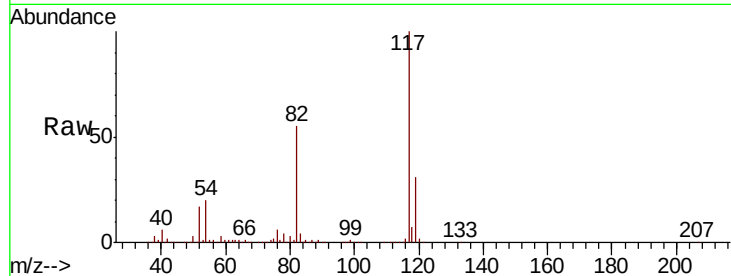




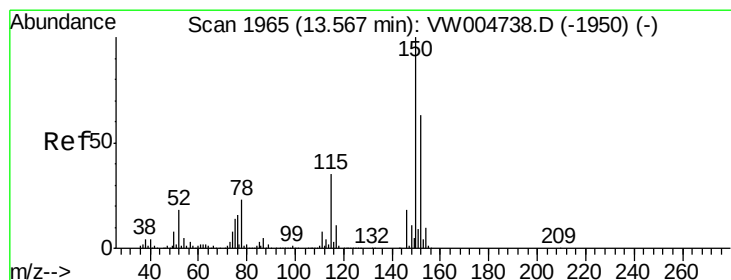
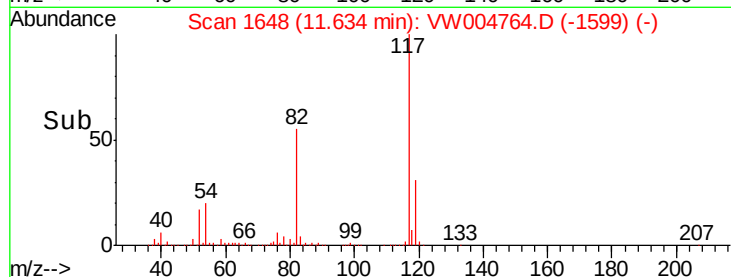
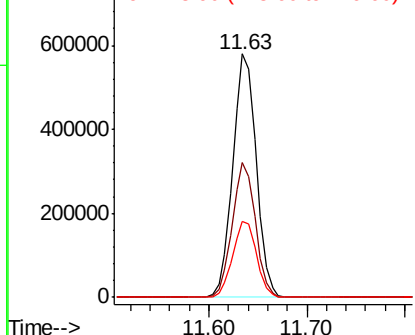
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004764.D
Acq: 18 Aug 2018 06:56

Instrument :
MSVOA_W
ClientSampled :
TP-2

Tot Ion:117 Resp: 962075
Ion Ratio Lower Upper
117 100
82 55.1 44.6 67.0
119 31.2 25.6 38.4

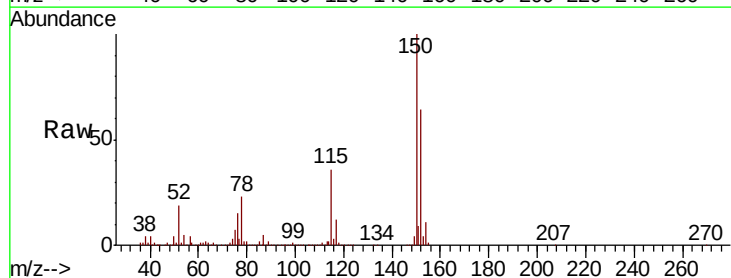


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

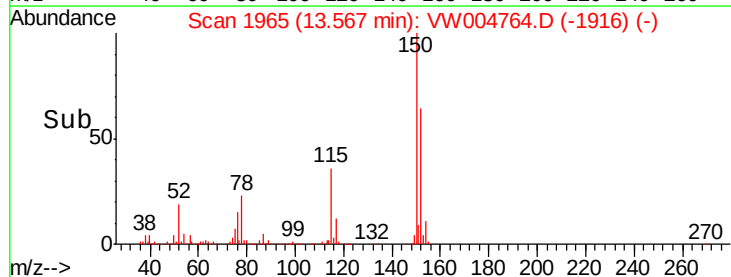
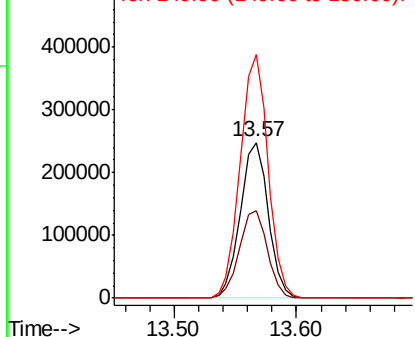


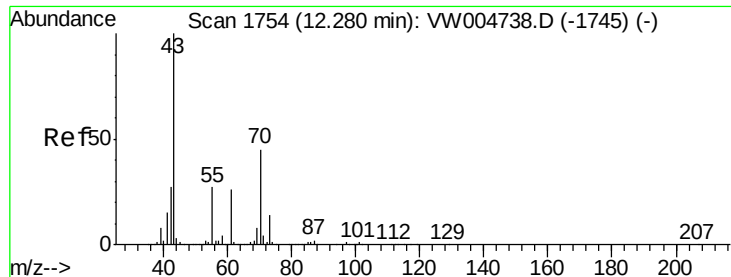
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004764.D
Acq: 18 Aug 2018 06:56

Tgt Ion:152 Resp: 392385
Ion Ratio Lower Upper
152 100
115 56.4 28.5 85.5
150 156.2 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: VW004764.D

Acq: 18 Aug 2018 06:56

Instrument :

MSVOA_W

ClientSampled :

TP-2

Tot Ion: 43 Resp: 98

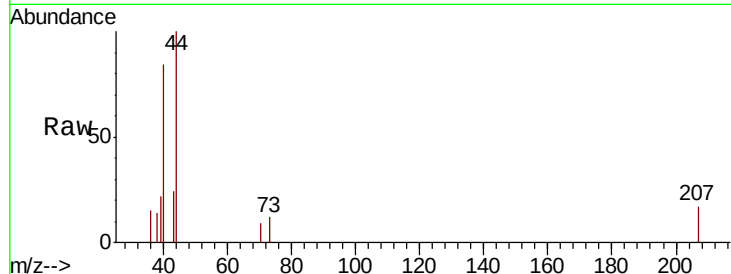
Ion Ratio Lower Upper

43 100

70 21.4 36.3 54.5#

55 0.0 22.6 33.8#

61 0.0 20.2 30.4#

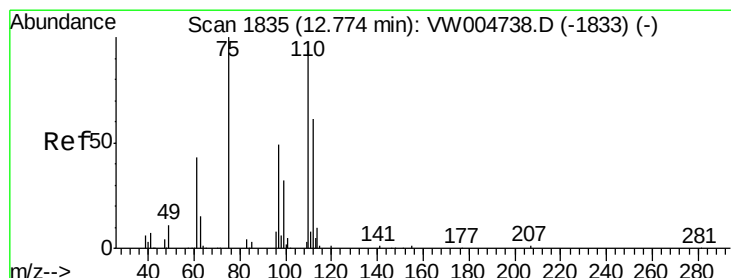
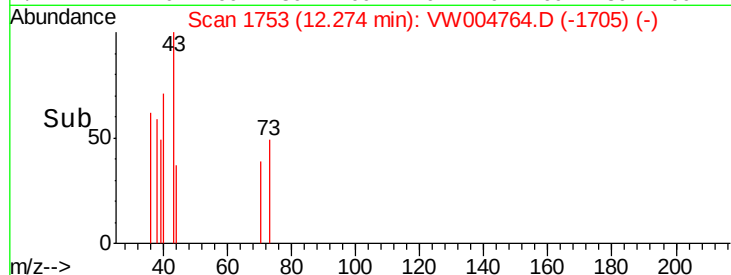
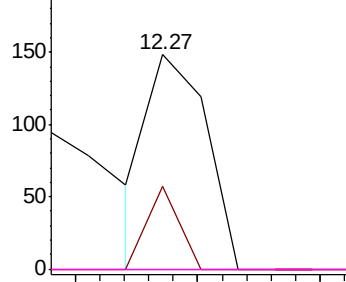


Abundance Ion 43.00 (42.70 to 43.70): VW

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: 50.01 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004764.D

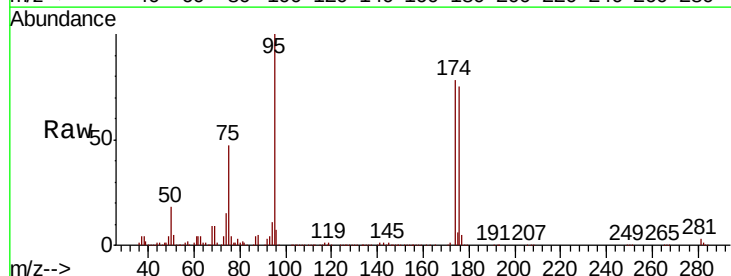
Acq: 18 Aug 2018 06:56

Tgt Ion: 75 Resp: 173000

Ion Ratio Lower Upper

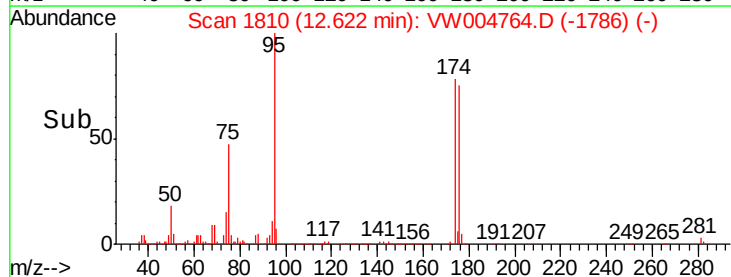
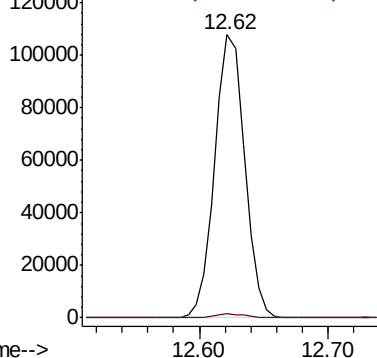
75 100

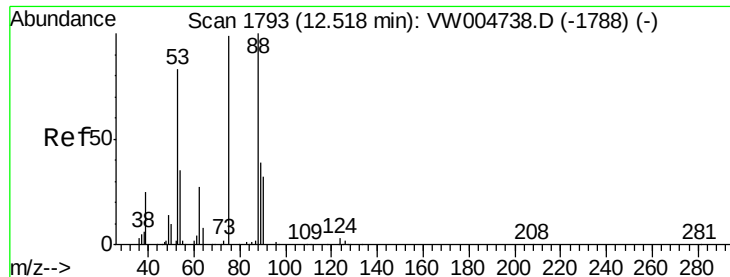
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

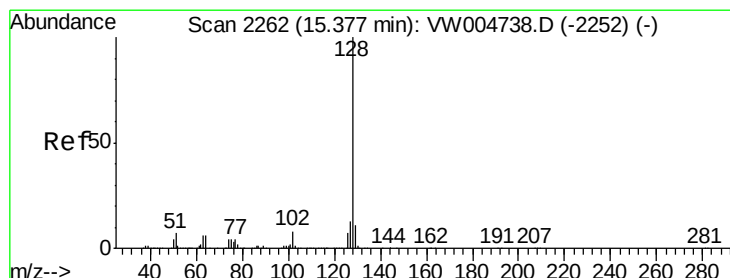
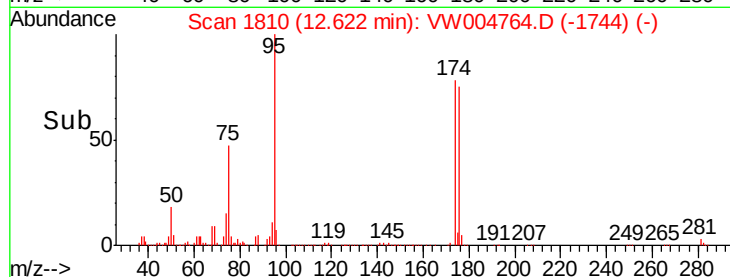
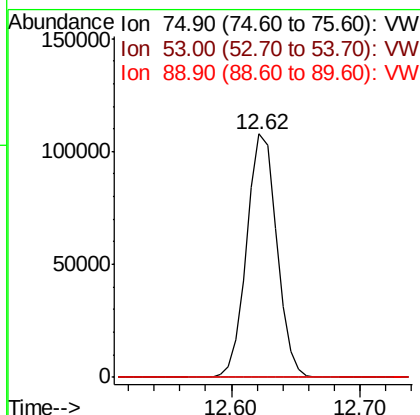
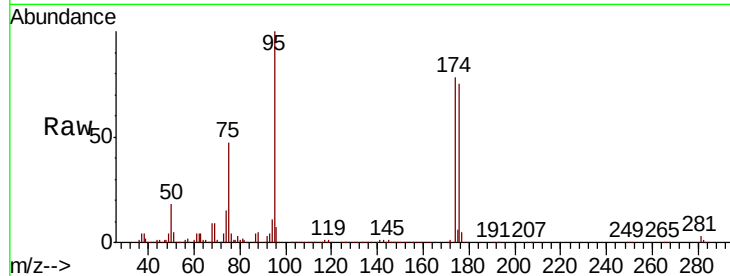




#81
trans-1,4-Dichloro-2-butene
Concen: 116.25 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.10 min
Lab File: VW004764.D
Acq: 18 Aug 2018 06:56

Instrument :
MSVOA_W
ClientSampleId :
TP-2

Tot Ion: 75 Resp: 173000
Ion Ratio Lower Upper
75 100
53 0.3 72.2 108.4#
89 0.0 35.2 52.8#



#95
Naphthalene
Concen: 3.62 ug/l
RT: 15.37 min Scan# 2261
Delta R.T. -0.01 min
Lab File: VW004764.D
Acq: 18 Aug 2018 06:56

Tgt Ion:128 Resp: 1984
Ion Ratio Lower Upper
128 100
127 9.1 10.4 15.6#
129 10.6 8.6 13.0

