

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081218\
 Data File : VW004572.D
 Acq On : 10 Aug 2018 01:09
 Operator : SY/AP
 Sample : J4271-03
 Misc : 6.58G/5ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-05-080818-B

Quant Time: Aug 10 03:52:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	573409	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1008095	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	829179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	398143	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	351401	55.36	ug/l	0.00
Spiked Amount			Recovery	=	110.72%	
35) Dibromofluoromethane	7.89	113	331038	49.25	ug/l	0.00
Spiked Amount			Recovery	=	98.50%	
50) Toluene-d8	10.33	98	935017	36.49	ug/l	0.00
Spiked Amount			Recovery	=	72.98%	
62) 4-Bromofluorobenzene	12.62	95	342662	37.12	ug/l	0.00
Spiked Amount			Recovery	=	74.24%	

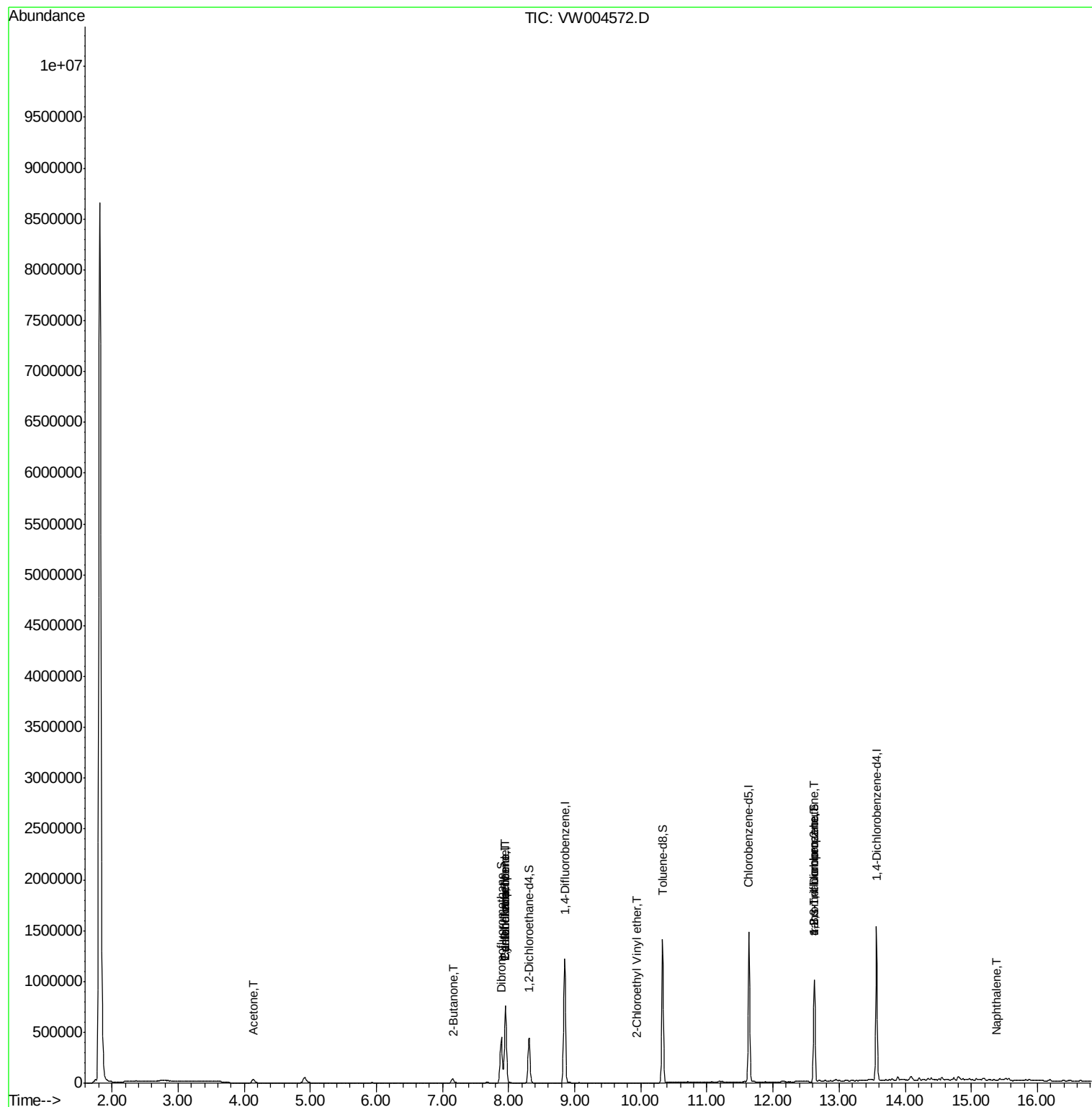
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	63238	39.893	ug/l	99
20) Methylene Chloride	4.91	84	46936	Below Cal		94
25) 2-Butanone	7.18	43	4698	1.842	ug/l #	82
31) Cyclohexane	7.95	56	12260	1.031	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	44891	4.136	ug/l #	50
38) Carbon Tetrachloride	7.95	117	54872	5.618	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.94	63	311	9.025	ug/l #	48
76) 1,2,3-Trichloropropane	12.62	75	166652	40.450	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	166652	96.833	ug/l #	13
95) Naphthalene	15.38	128	3427	3.096	ug/l #	84

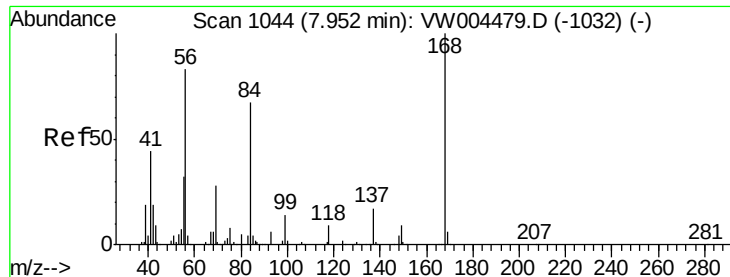
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081218\
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Quant Title : SW846 8260
QLast Update : Tue Aug 07 08:22:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004572.D

Acq: 10 Aug 2018 01:09

Instrument :

MSVOA_W

ClientSampleId :

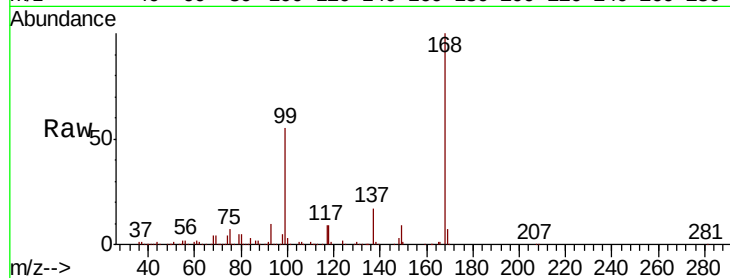
HR-05-080818-B

Tgt Ion:168 Resp: 573409

Ion Ratio Lower Upper

168 100

99 55.0 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

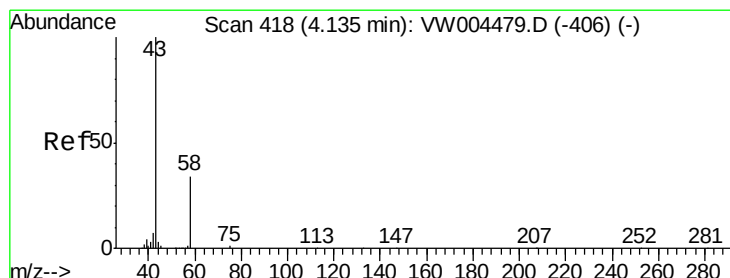
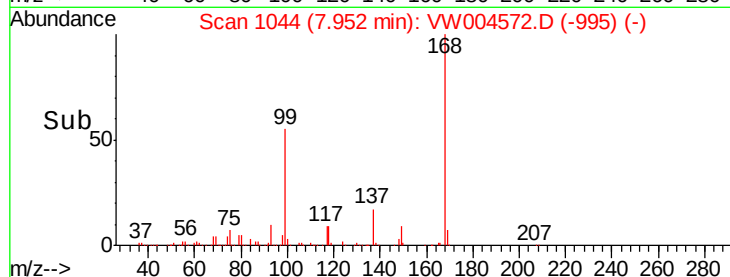
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 39.893 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.00 min

Lab File: VW004572.D

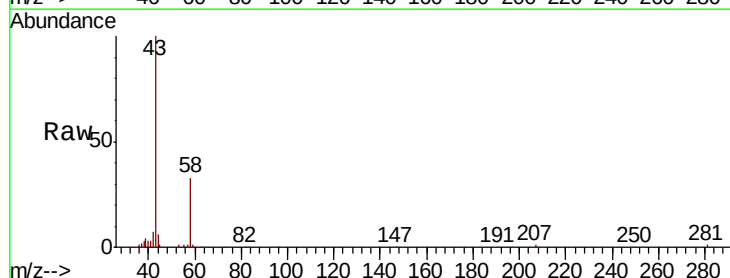
Acq: 10 Aug 2018 01:09

Tgt Ion: 43 Resp: 63238

Ion Ratio Lower Upper

43 100

58 33.0 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

25000

20000

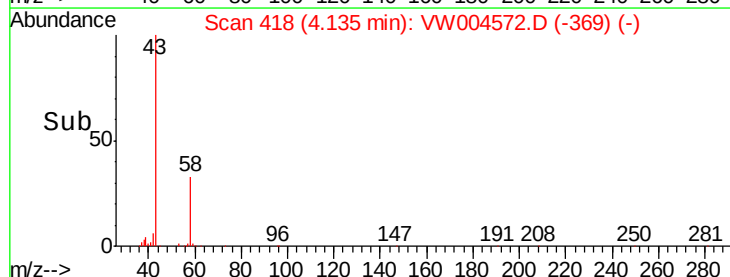
15000

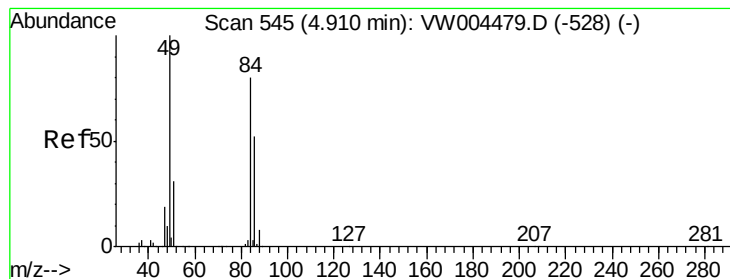
10000

5000

0

Time-->





#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW004572.D

Acq: 10 Aug 2018 01:09

Instrument :

MSVOA_W

ClientSampleId :

HR-05-080818-B

Tgt Ion: 84 Resp: 46936

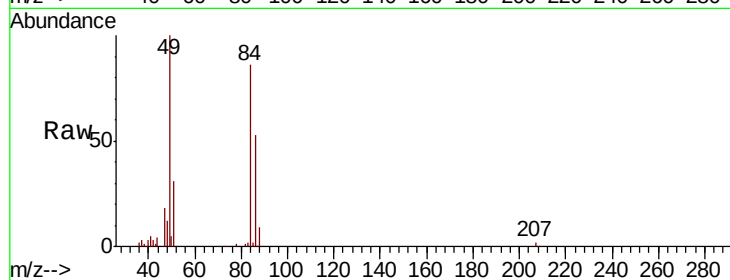
Ion Ratio Lower Upper

84 100

49 116.9 99.6 149.4

51 35.8 31.0 46.4

86 61.6 51.5 77.3

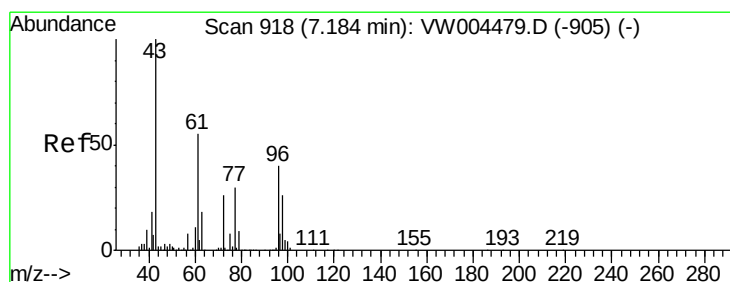
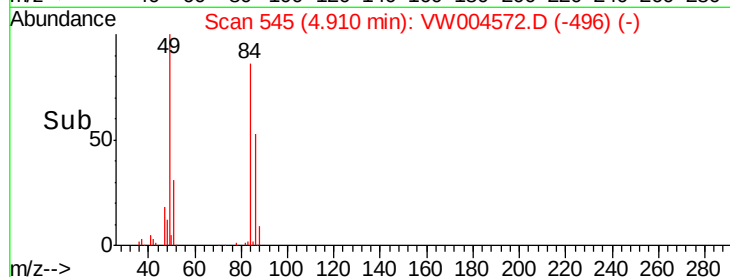
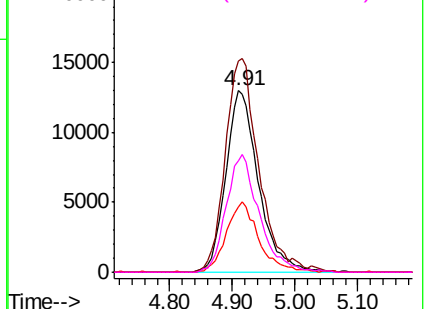


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#25

2-Butanone

Concen: 1.842 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW004572.D

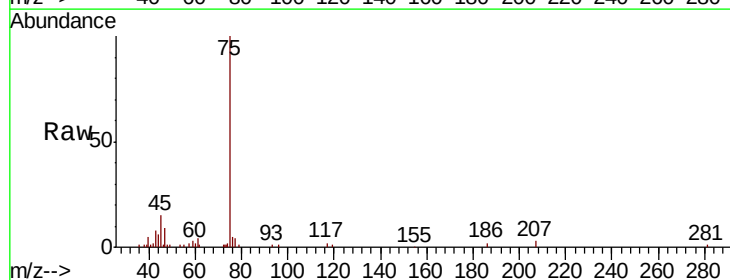
Acq: 10 Aug 2018 01:09

Tgt Ion: 43 Resp: 4698

Ion Ratio Lower Upper

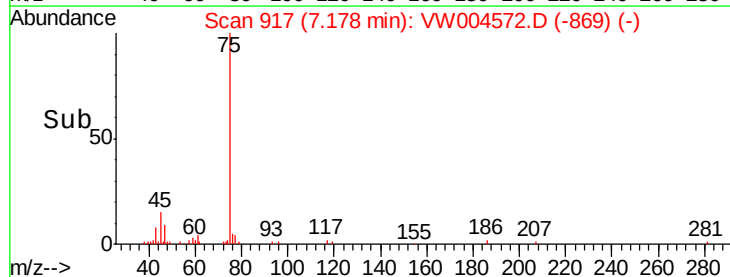
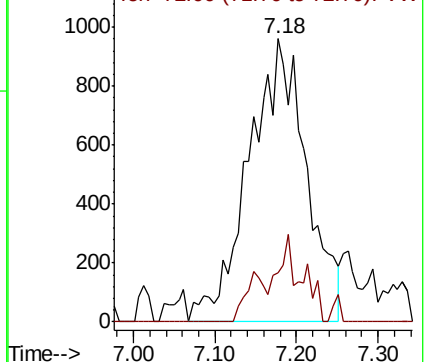
43 100

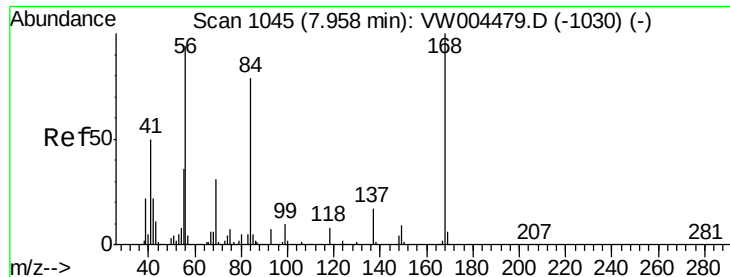
72 17.3 21.0 31.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

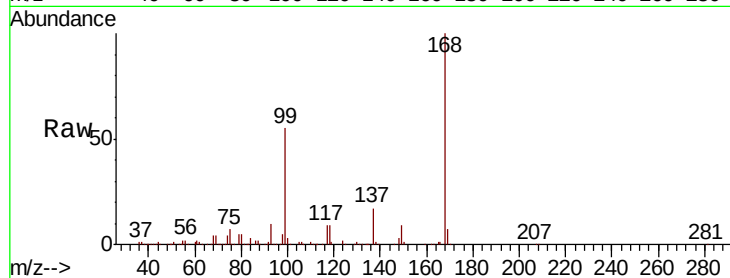




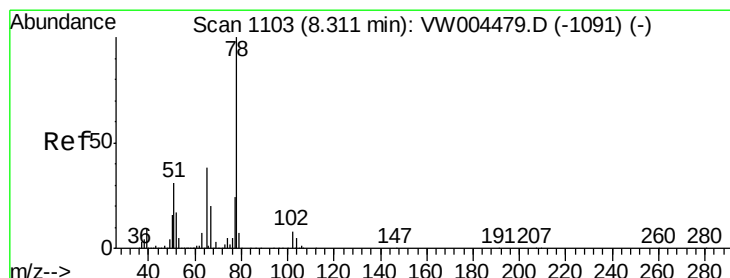
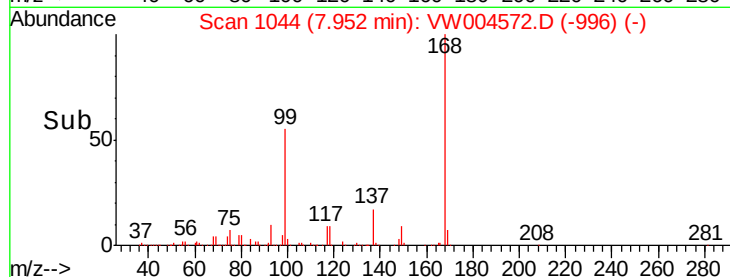
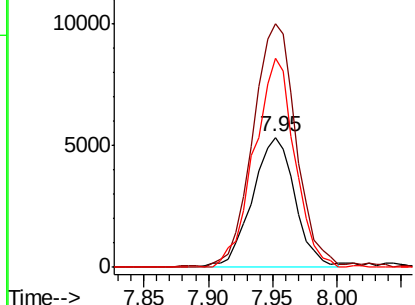
#31
Cyclohexane
Concen: 1.031 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW004572.D
Acq: 10 Aug 2018 01:09

Instrument :
MSVOA_W
ClientSampleId :
HR-05-080818-B

Tgt Ion: 56 Resp: 12260
Ion Ratio Lower Upper
56 100
69 185.3 26.4 39.6#
84 160.4 66.9 100.3#

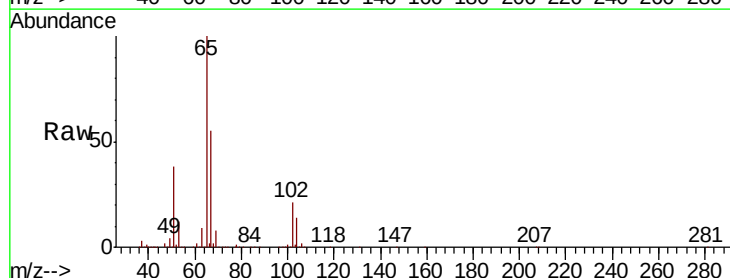


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

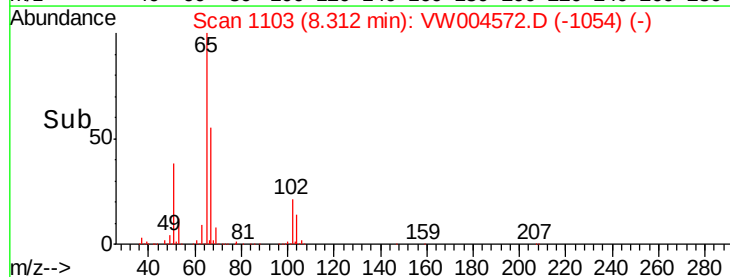
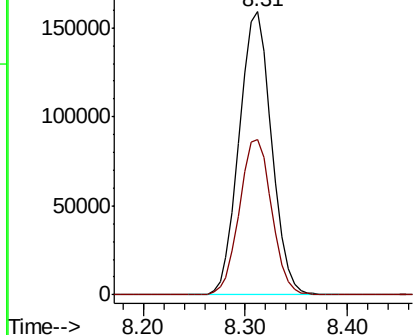


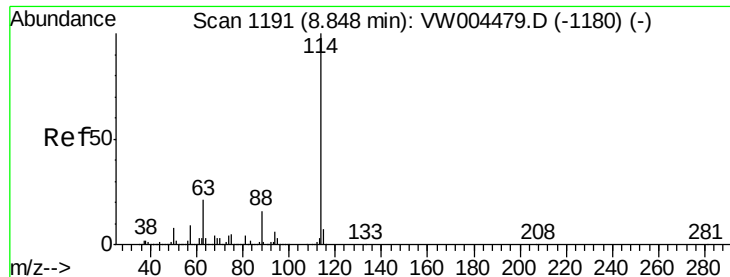
#33
1,2-Dichloroethane-d4
Concen: 55.361 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VW004572.D
Acq: 10 Aug 2018 01:09

Tgt Ion: 65 Resp: 351401
Ion Ratio Lower Upper
65 100
67 54.9 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW004572.D

Acq: 10 Aug 2018 01:09

Instrument :

MSVOA_W

ClientSampleId :

HR-05-080818-B

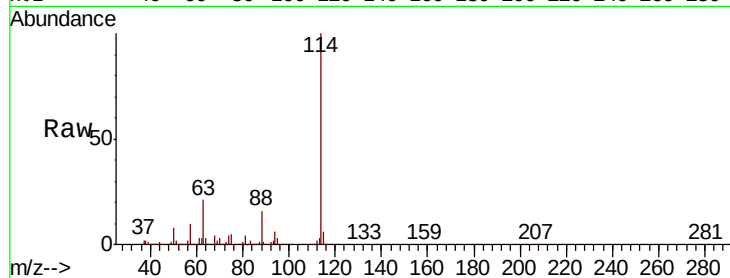
Tgt Ion:114 Resp: 1008095

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.4

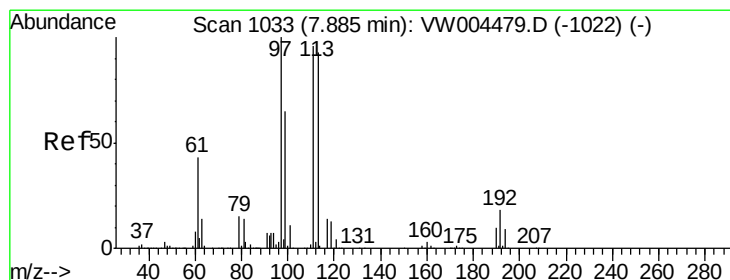
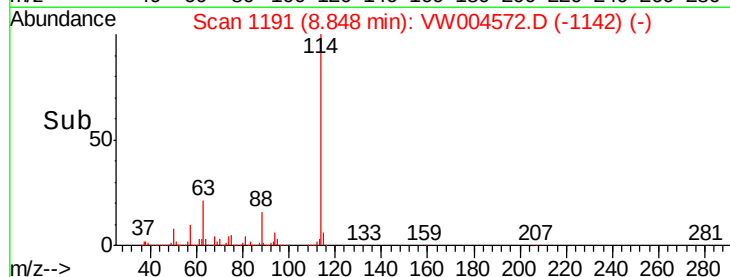
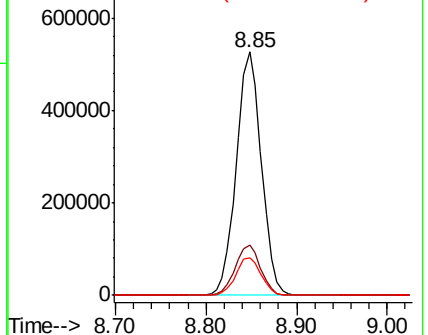
88 15.5 0.0 31.2



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: 49.249 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW004572.D

Acq: 10 Aug 2018 01:09

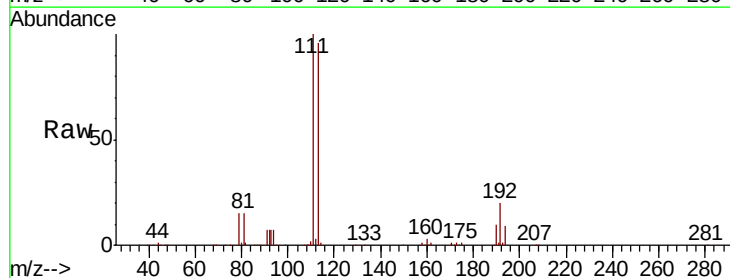
Tgt Ion:113 Resp: 331038

Ion Ratio Lower Upper

113 100

111 102.4 82.9 124.3

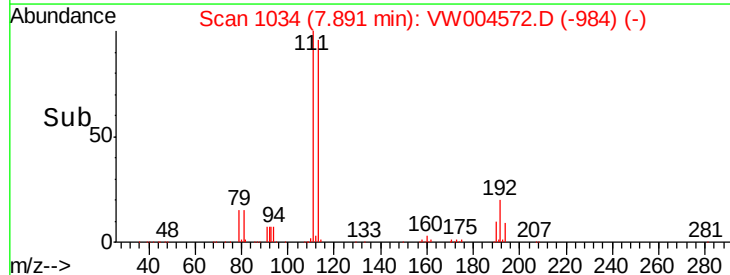
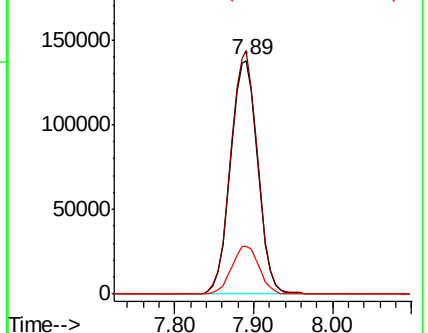
192 20.7 15.8 23.6

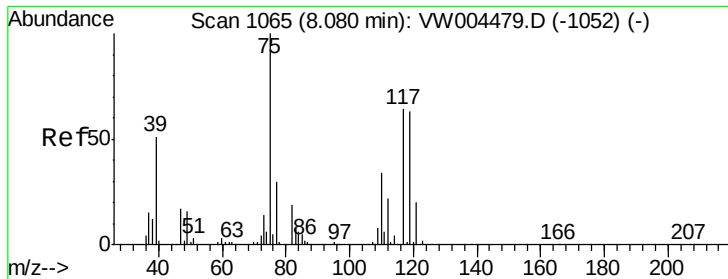


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

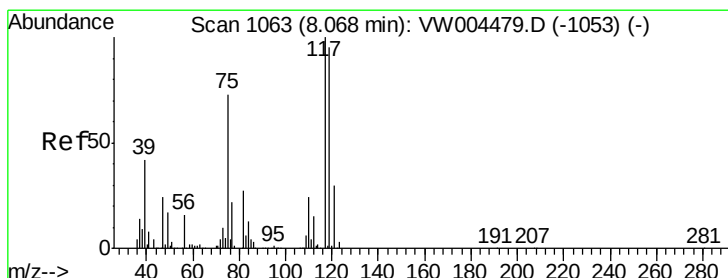
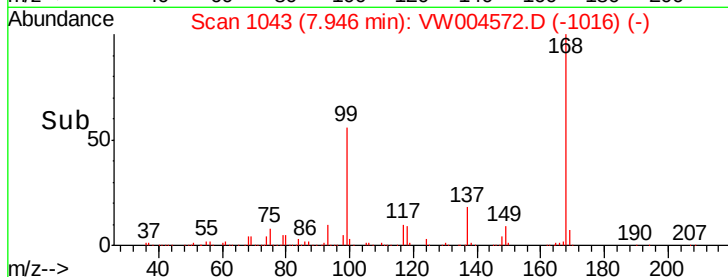
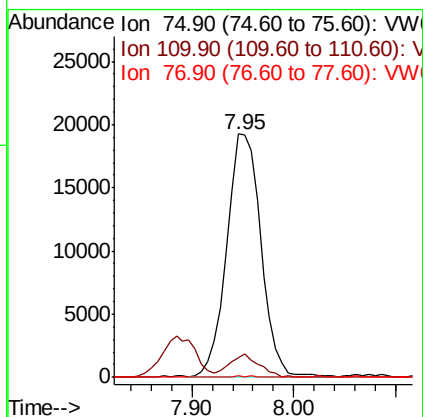
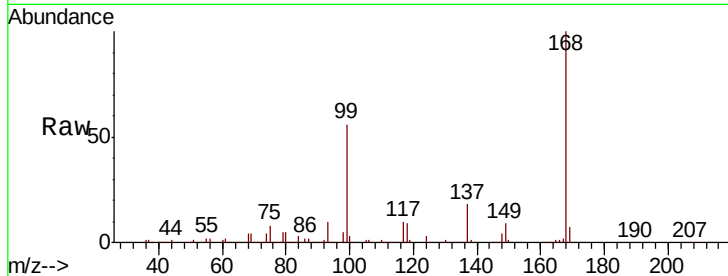




#36
 1,1-Dichloropropene
 Concen: 4.136 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW004572.D
 Acq: 10 Aug 2018 01:09

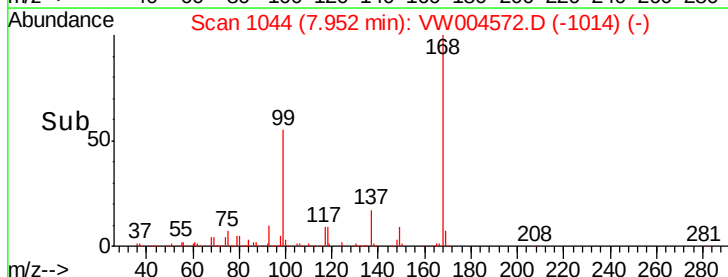
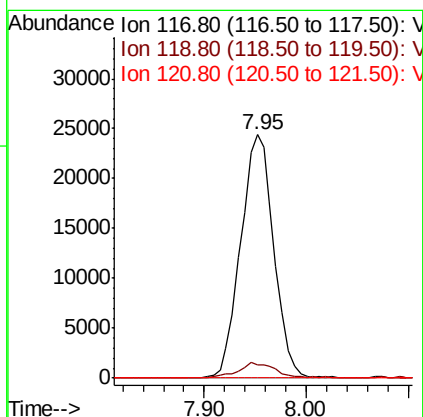
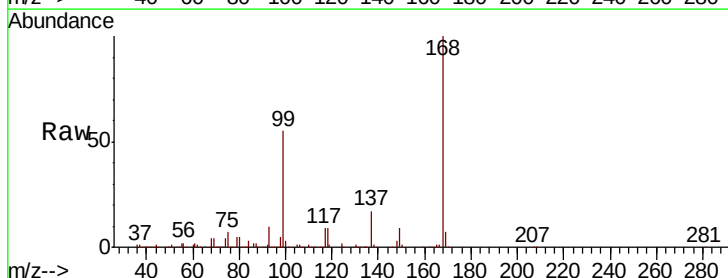
Instrument :
 MSVOA_W
 ClientSampleId :
 HR-05-080818-B

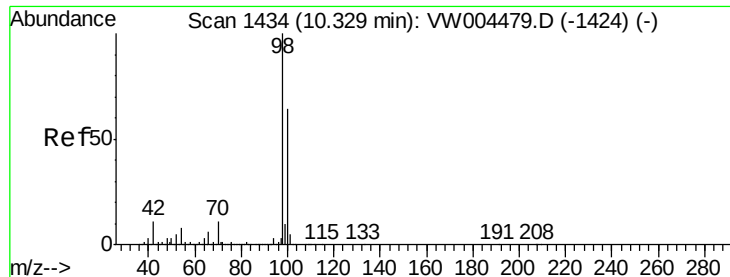
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.4	52.2#
77	0.3	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 5.618 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW004572.D
 Acq: 10 Aug 2018 01:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.6	76.1	114.1#
121	0.0	24.2	36.4#





#50

Toluene-d8

Concen: 36.488 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004572.D

Acq: 10 Aug 2018 01:09

Instrument :

MSVOA_W

ClientSampleId :

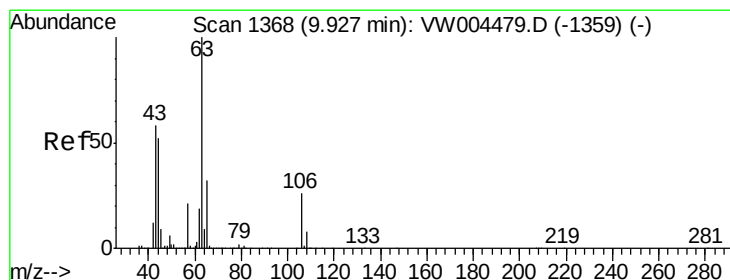
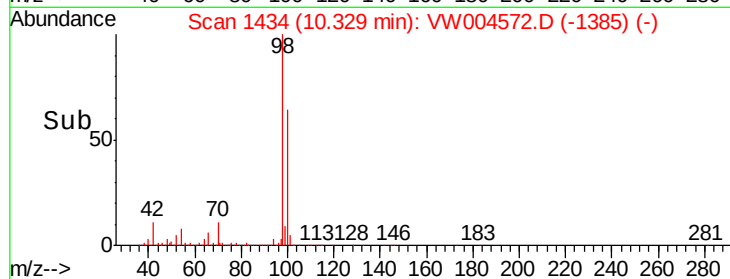
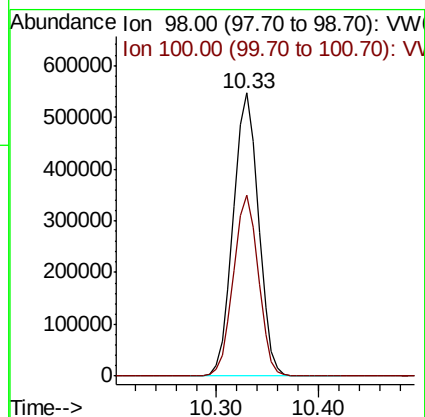
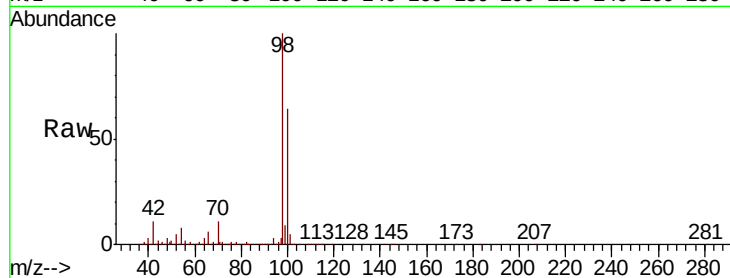
HR-05-080818-B

Tgt Ion: 98 Resp: 935017

Ion Ratio Lower Upper

98 100

100 63.1 51.4 77.2



#58

2-Chloroethyl Vinyl ether

Concen: 9.025 ug/l

RT: 9.94 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VW004572.D

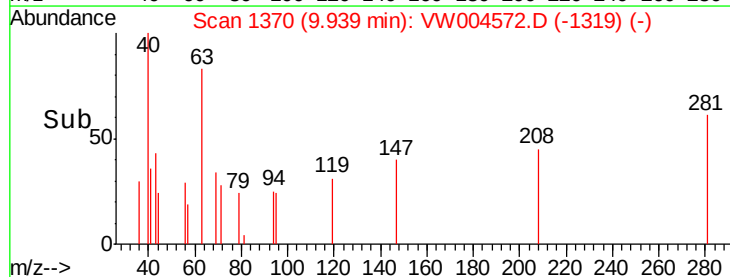
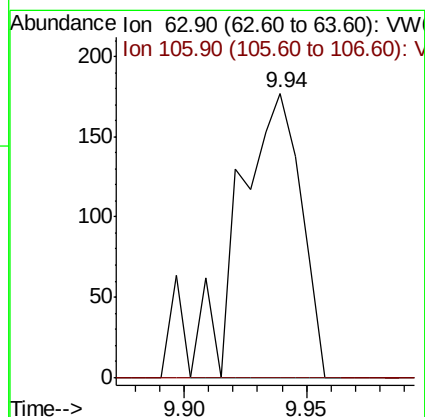
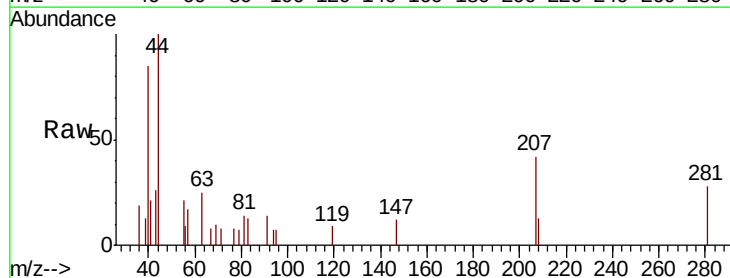
Acq: 10 Aug 2018 01:09

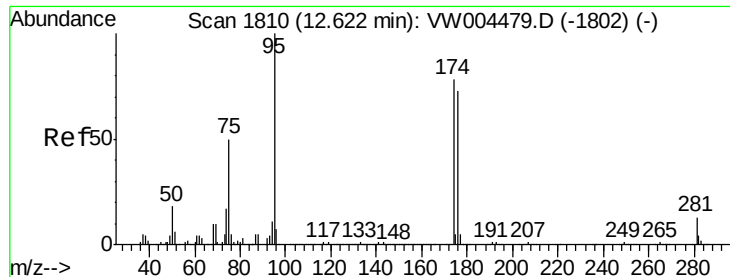
Tgt Ion: 63 Resp: 311

Ion Ratio Lower Upper

63 100

106 0.0 21.3 31.9#

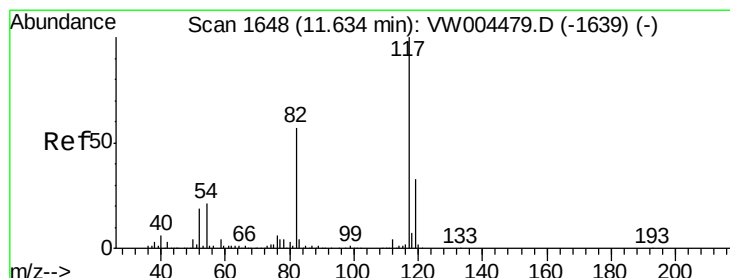
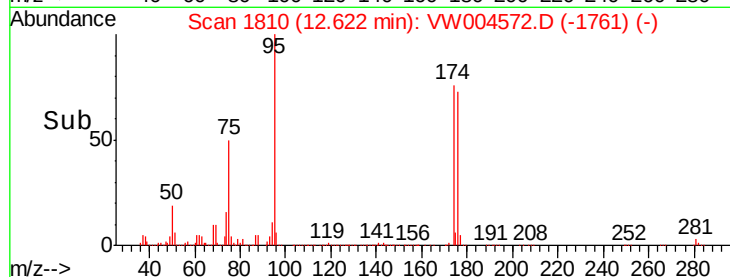
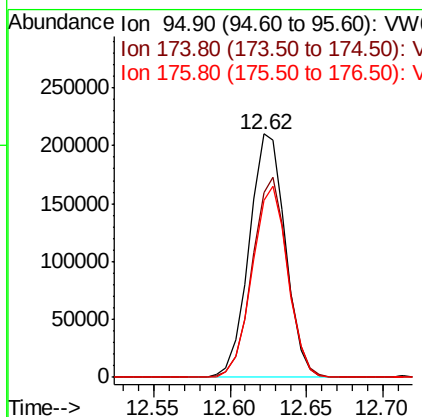
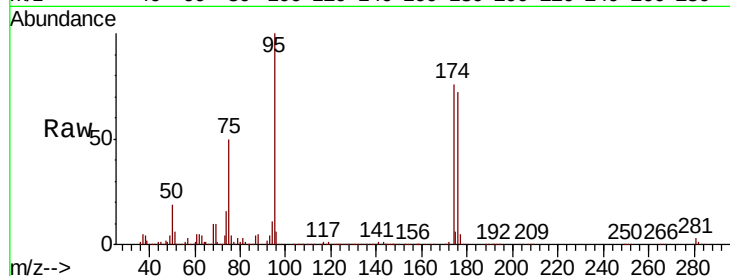




#62
4-Bromofluorobenzene
Concen: 37.122 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW004572.D
Acq: 10 Aug 2018 01:09

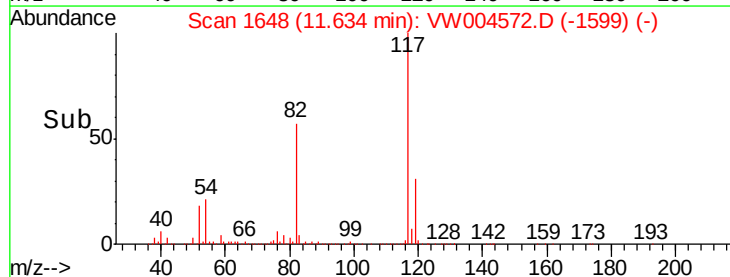
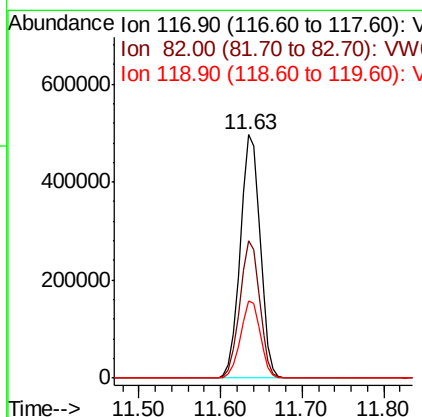
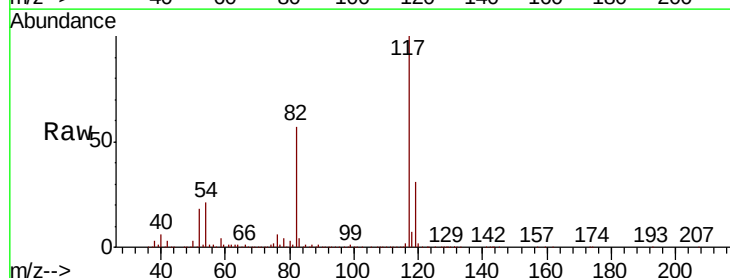
Instrument :
MSVOA_W
ClientSampleId :
HR-05-080818-B

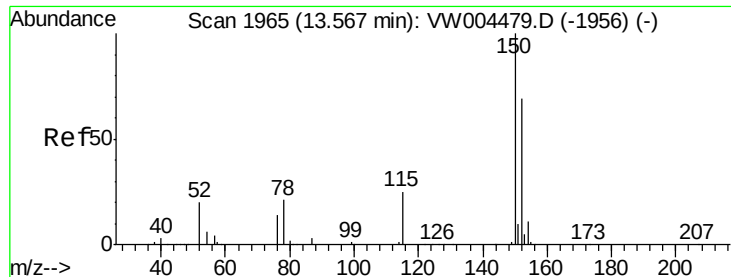
Tgt Ion: 95 Resp: 342662
Ion Ratio Lower Upper
95 100
174 80.9 0.0 160.4
176 77.8 0.0 153.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004572.D
Acq: 10 Aug 2018 01:09

Tgt Ion: 117 Resp: 829179
Ion Ratio Lower Upper
117 100
82 56.6 45.3 67.9
119 31.5 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004572.D

Acq: 10 Aug 2018 01:09

Instrument :

MSVOA_W

ClientSampleId :

HR-05-080818-B

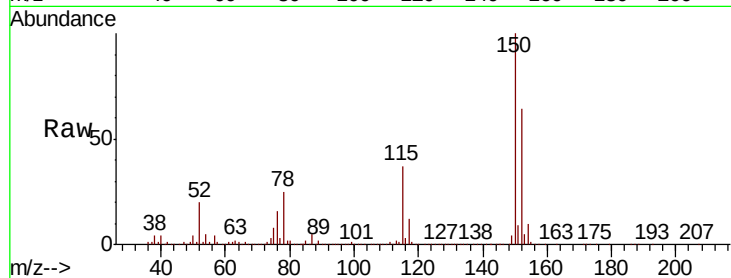
Tgt Ion:152 Resp: 398143

Ion Ratio Lower Upper

152 100

115 59.1 29.1 87.3

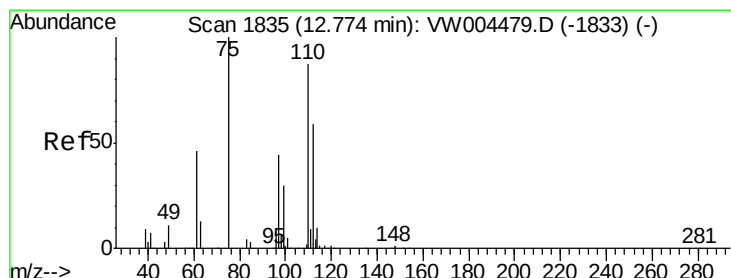
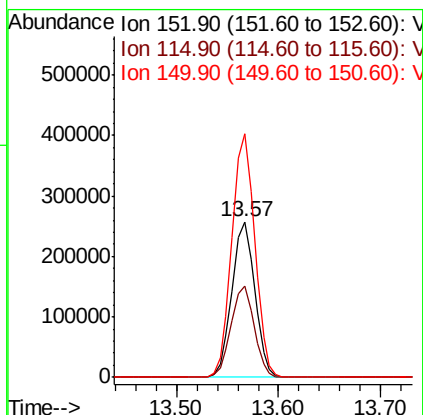
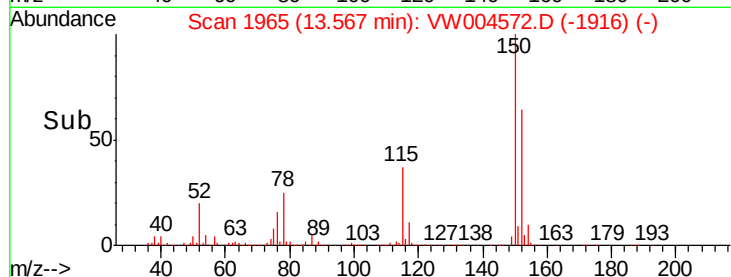
150 156.8 0.0 349.6



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



#76

1,2,3-Trichloropropane

Concen: 40.450 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004572.D

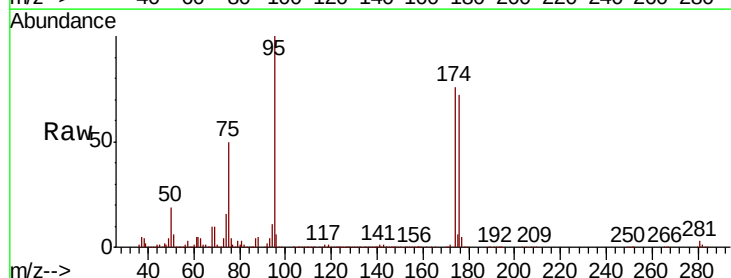
Acq: 10 Aug 2018 01:09

Tgt Ion: 75 Resp: 166652

Ion Ratio Lower Upper

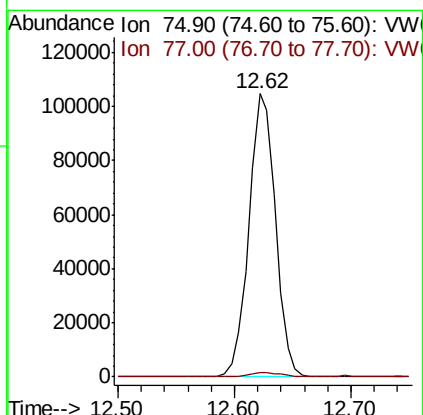
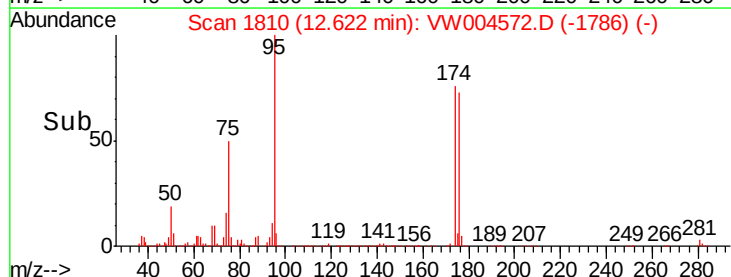
75 100

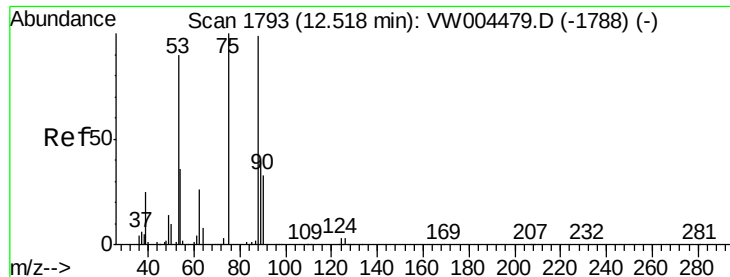
77 1.5 0.0 0.0#



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: 96.833 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004572.D

Acq: 10 Aug 2018 01:09

Instrument :

MSVOA_W

ClientSampleId :

HR-05-080818-B

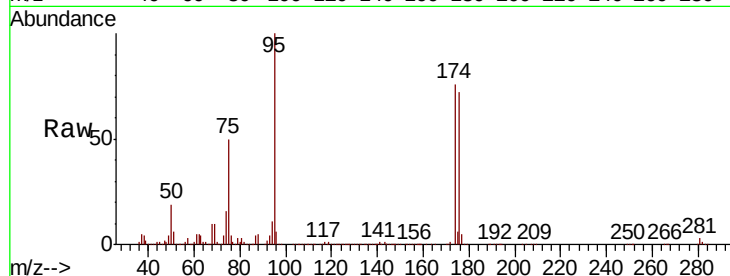
Tgt Ion: 75 Resp: 166652

Ion Ratio Lower Upper

75 100

53 0.4 74.4 111.6#

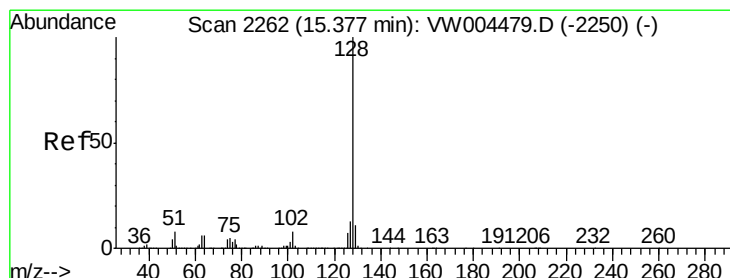
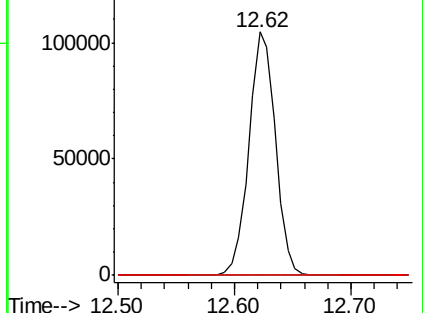
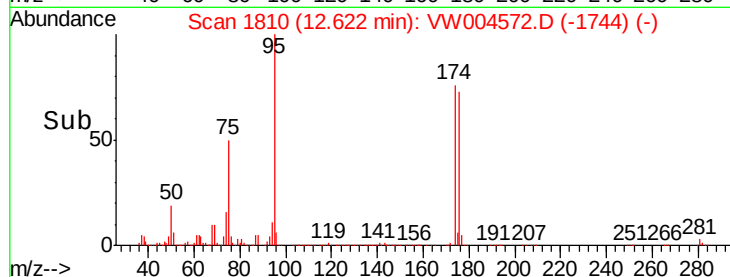
89 0.0 35.9 53.9#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#95

Naphthalene

Concen: 3.096 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004572.D

Acq: 10 Aug 2018 01:09

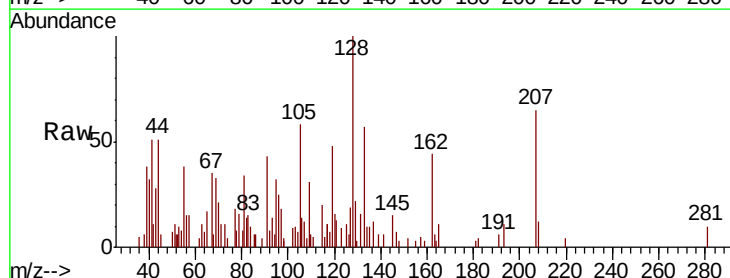
Tgt Ion: 128 Resp: 3427

Ion Ratio Lower Upper

128 100

127 24.6 10.3 15.5#

129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

