

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
 Data File : VW004610.D
 Acq On : 10 Aug 2018 20:50
 Operator : SY/AP
 Sample : J4274-01
 Misc : 6.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HD-01-080918

Quant Time: Aug 11 01:02:51 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	712962	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1229307	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1136708	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	526431	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	345504	43.78	ug/l	0.00
Spiked Amount			Recovery	=	87.56%	
35) Dibromofluoromethane	7.88	113	325104	39.66	ug/l	0.00
Spiked Amount			Recovery	=	79.32%	
50) Toluene-d8	10.33	98	1191127	38.12	ug/l	0.00
Spiked Amount			Recovery	=	76.24%	
62) 4-Bromofluorobenzene	12.62	95	389599	34.61	ug/l	0.00
Spiked Amount			Recovery	=	69.22%	

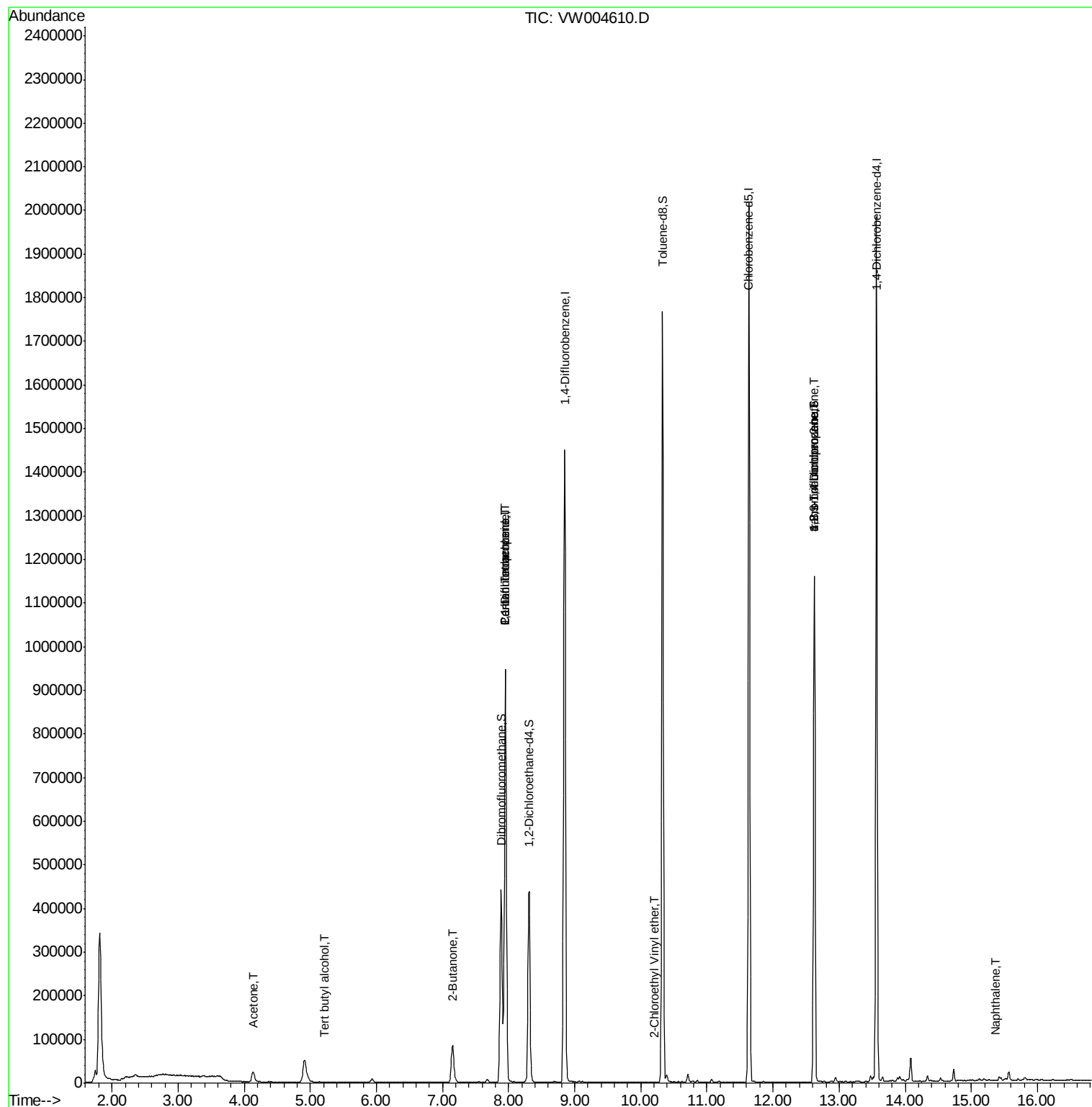
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	961	2.080	ug/l #	70
16) Acetone	4.14	43	42460	21.543	ug/l	94
20) Methylene Chloride	4.91	84	47916	Below Cal		93
25) 2-Butanone	7.15	43	4977	1.570	ug/l #	80
36) 1,1-Dichloropropene	7.95	75	55962	4.228	ug/l #	49
38) Carbon Tetrachloride	7.95	117	68459	5.748	ug/l #	17
58) 2-Chloroethyl Vinyl ether	10.20	63	19	8.948	ug/l #	48
76) 1,2,3-Trichloropropane	12.62	75	188291	34.565	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	188291	82.745	ug/l #	12
95) Naphthalene	15.37	128	1551	2.977	ug/l #	83

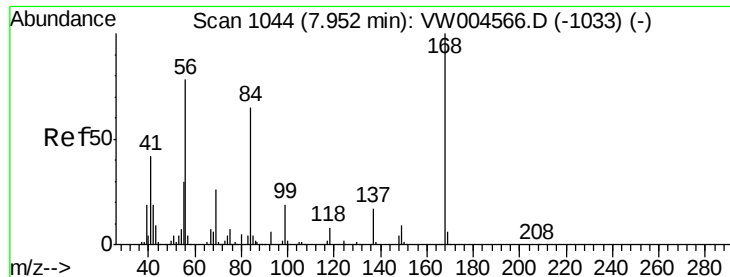
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
Data File : VW004610.D
Acq On : 10 Aug 2018 20:50
Operator : SY/AP
Sample : J4274-01
Misc : 6.00G/5ML/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
HD-01-080918

Quant Time: Aug 11 01:02:51 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
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: VW004610.D

Acq: 10 Aug 2018 20:50

Instrument :

MSVOA_W

ClientSampleId :

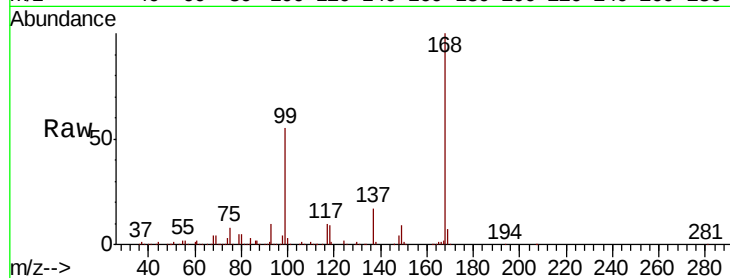
HD-01-080918

Tgt Ion:168 Resp: 712962

Ion Ratio Lower Upper

168 100

99 54.6 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

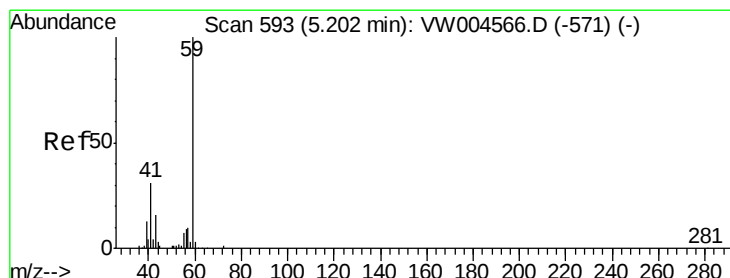
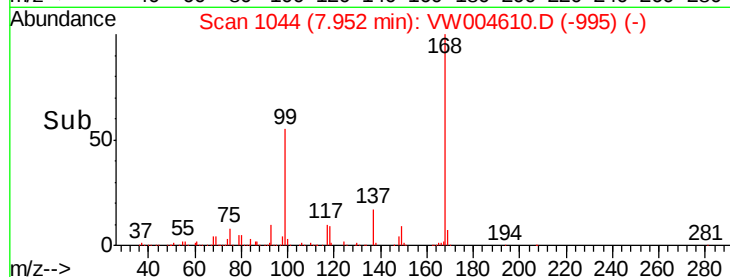
300000

200000

100000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 2.080 ug/l

RT: 5.21 min Scan# 594

Delta R.T. -0.01 min

Lab File: VW004610.D

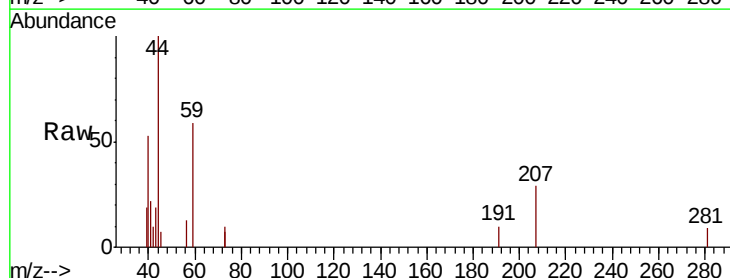
Acq: 10 Aug 2018 20:50

Tgt Ion: 59 Resp: 961

Ion Ratio Lower Upper

59 100

57 0.0 9.1 13.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.21

600

500

400

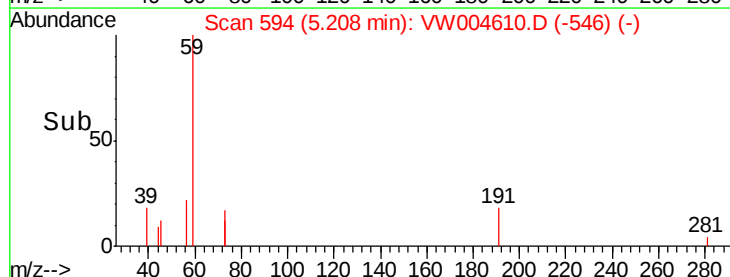
300

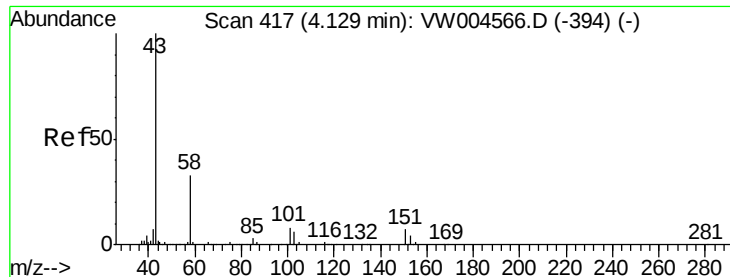
200

100

0

Time--> 5.20 5.25





#16

Acetone

Concen: 21.543 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.00 min

Lab File: VW004610.D

Acq: 10 Aug 2018 20:50

Instrument :

MSVOA_W

ClientSampleId :

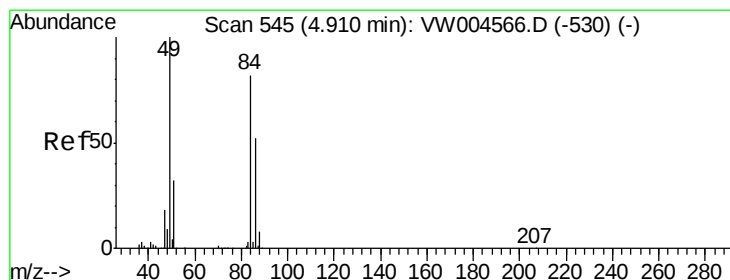
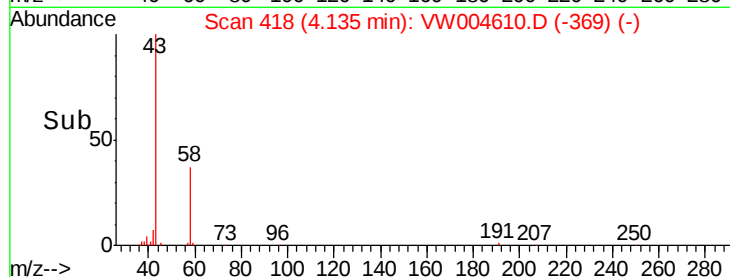
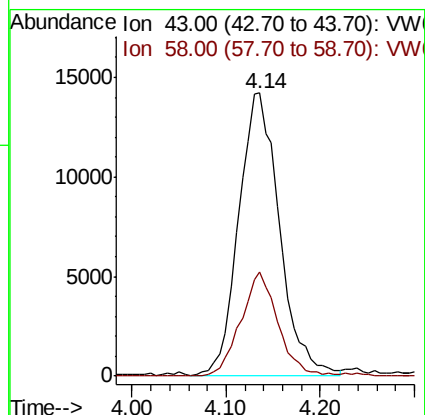
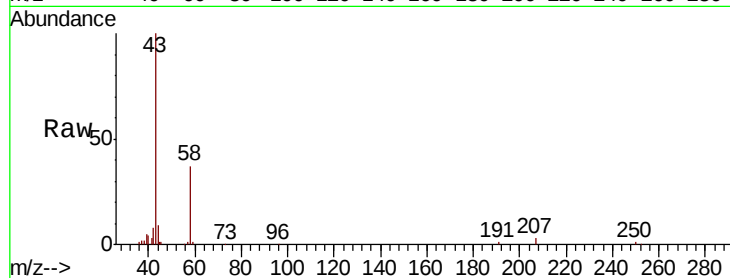
HD-01-080918

Tgt Ion: 43 Resp: 42460

Ion Ratio Lower Upper

43 100

58 37.1 26.8 40.2



#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW004610.D

Acq: 10 Aug 2018 20:50

Tgt Ion: 84 Resp: 47916

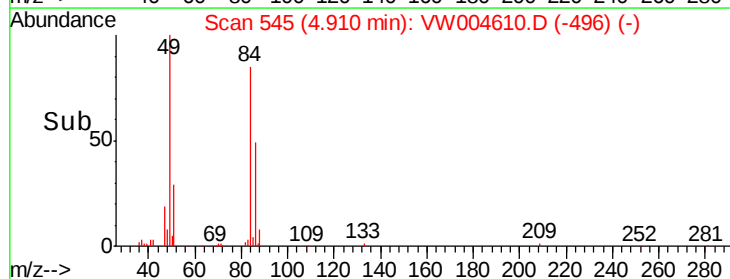
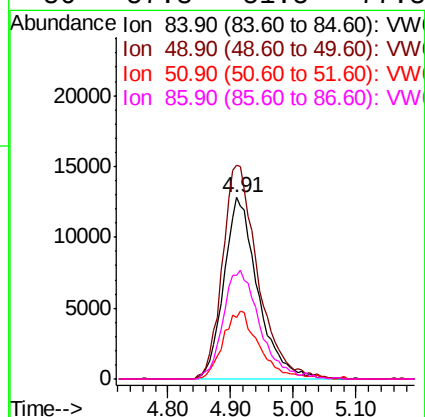
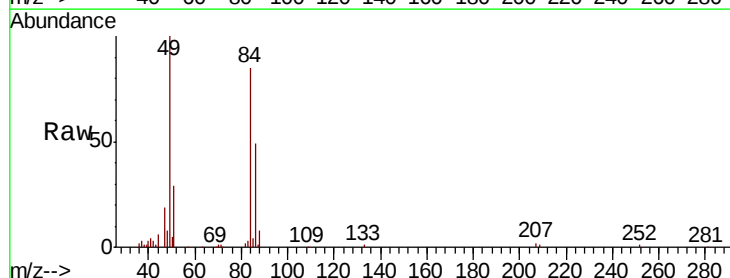
Ion Ratio Lower Upper

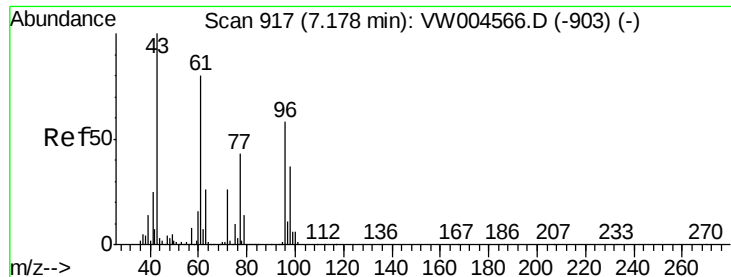
84 100

49 117.7 99.6 149.4

51 34.0 31.0 46.4

86 57.3 51.5 77.3





#25

2-Butanone

Concen: 1.570 ug/l

RT: 7.15 min Scan# 913

Delta R.T. -0.03 min

Lab File: VW004610.D

Acq: 10 Aug 2018 20:50

Instrument :

MSVOA_W

ClientSampleId :

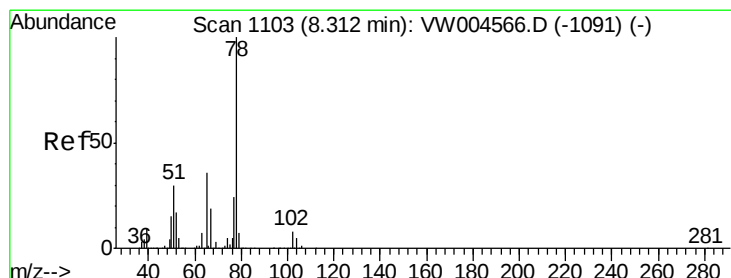
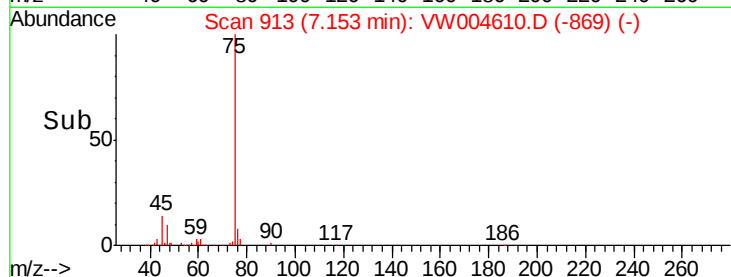
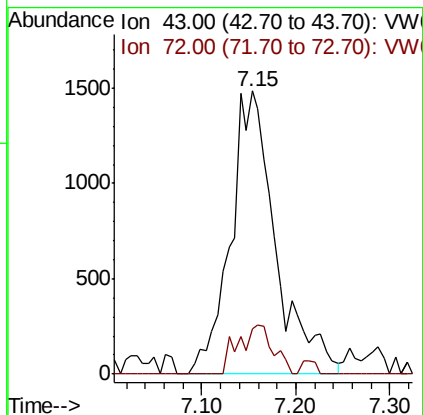
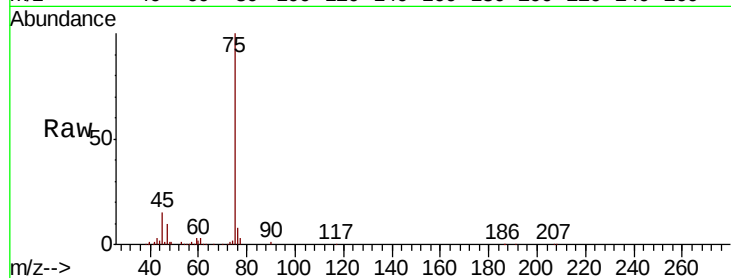
HD-01-080918

Tgt Ion: 43 Resp: 4977

Ion Ratio Lower Upper

43 100

72 16.0 21.0 31.6#



#33

1,2-Dichloroethane-d4

Concen: 43.778 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.01 min

Lab File: VW004610.D

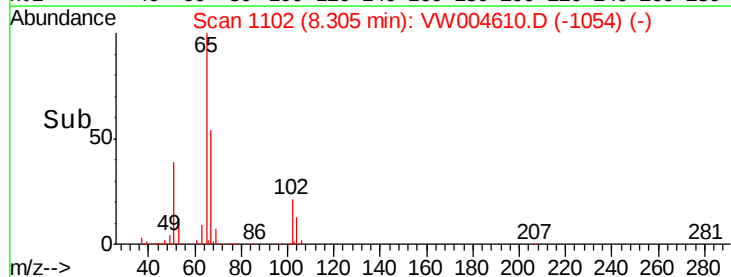
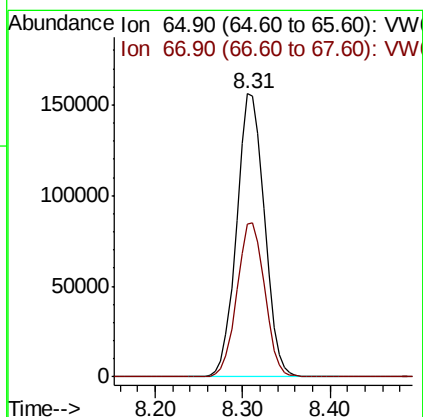
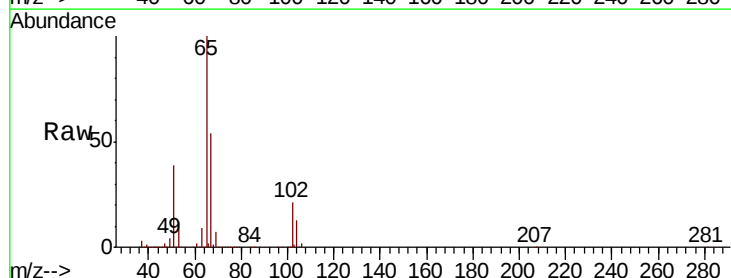
Acq: 10 Aug 2018 20:50

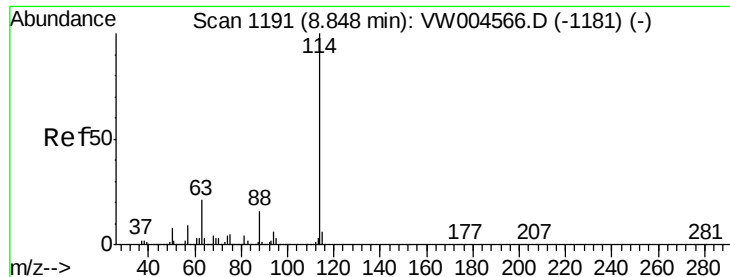
Tgt Ion: 65 Resp: 345504

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.0

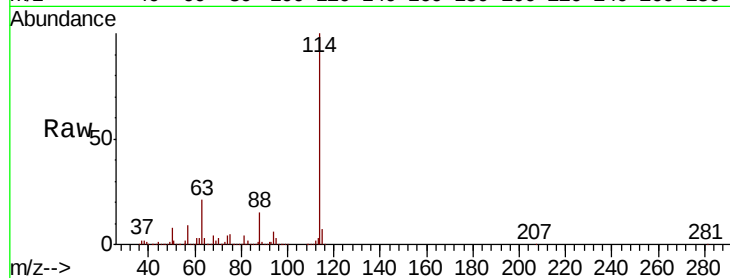




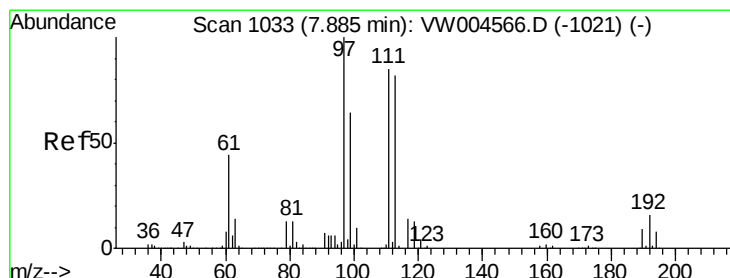
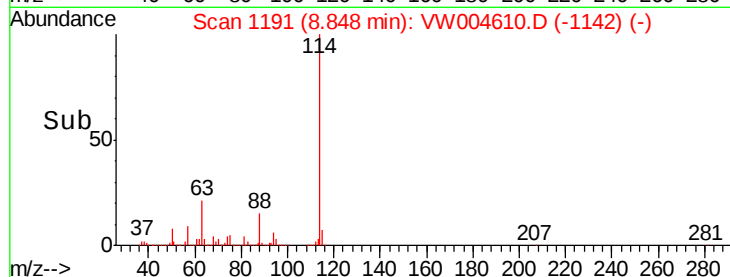
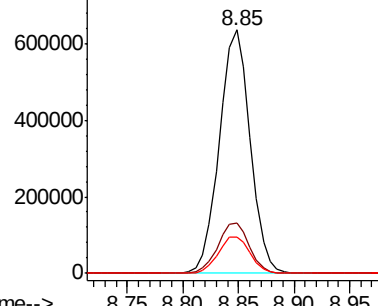
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004610.D
 Acq: 10 Aug 2018 20:50

Instrument :
 MSVOA_W
 ClientSampleId :
 HD-01-080918

Tgt Ion:114 Resp: 1229307
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.4
 88 15.1 0.0 31.2

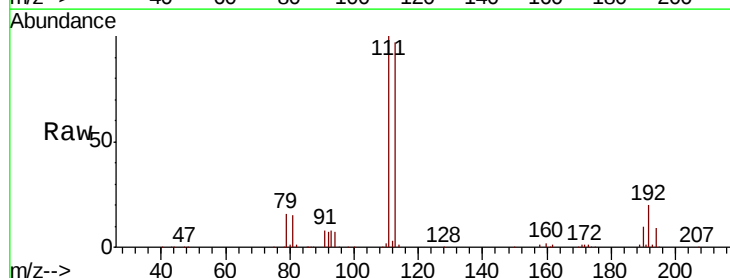


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

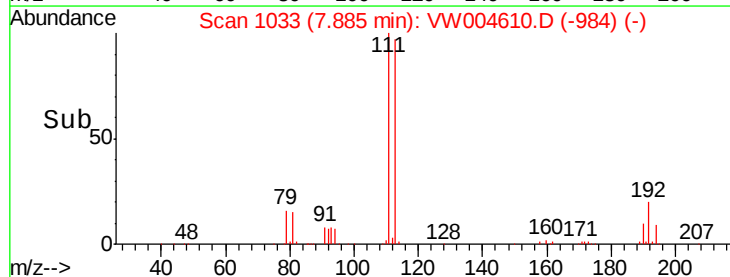
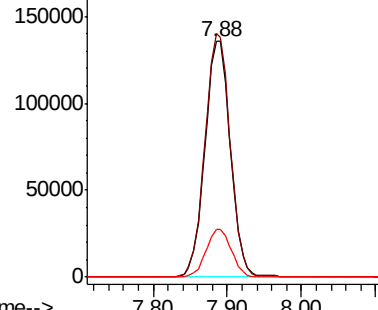


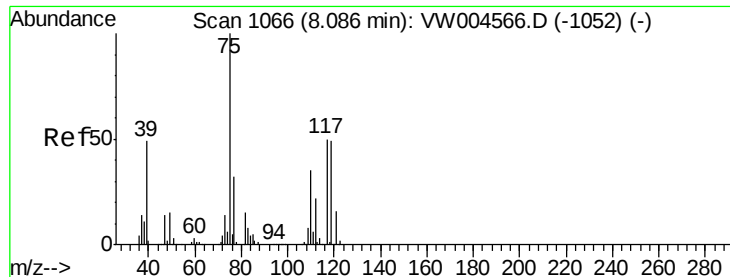
#35
 Dibromofluoromethane
 Concen: 39.663 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004610.D
 Acq: 10 Aug 2018 20:50

Tgt Ion:113 Resp: 325104
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.9 124.3
 192 20.1 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: 4.228 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW004610.D

Acq: 10 Aug 2018 20:50

Instrument :

MSVOA_W

ClientSampleId :

HD-01-080918

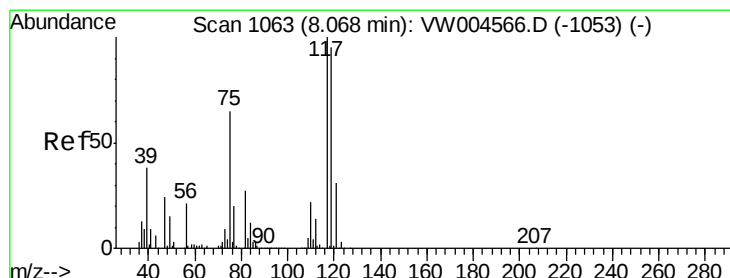
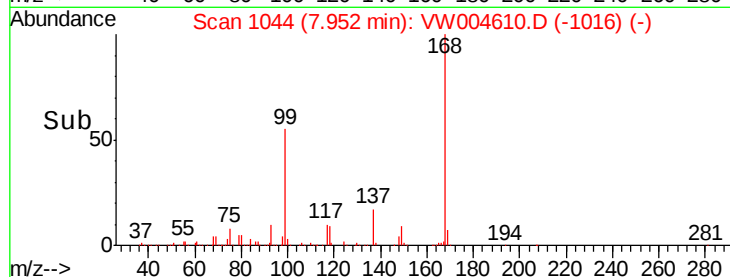
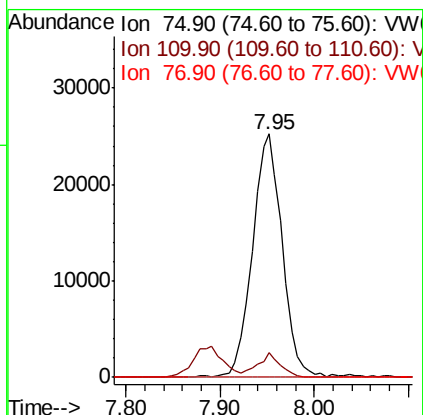
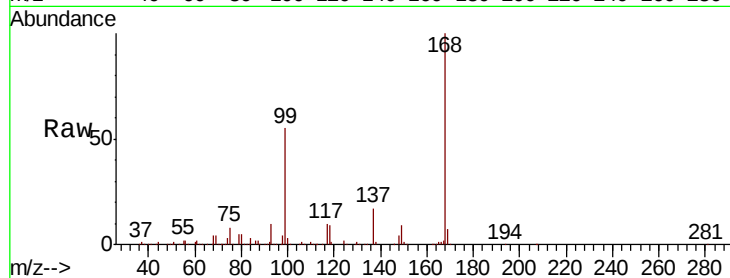
Tgt Ion: 75 Resp: 55962

Ion Ratio Lower Upper

75 100

110 7.7 17.4 52.2#

77 0.1 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.748 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004610.D

Acq: 10 Aug 2018 20:50

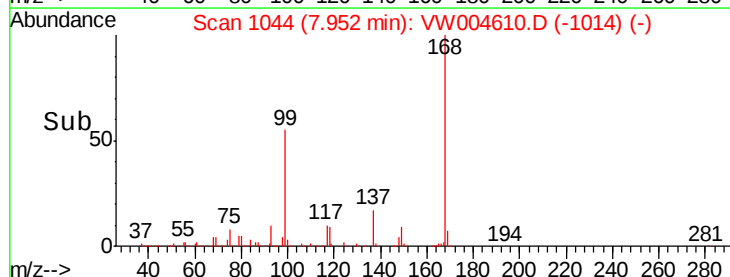
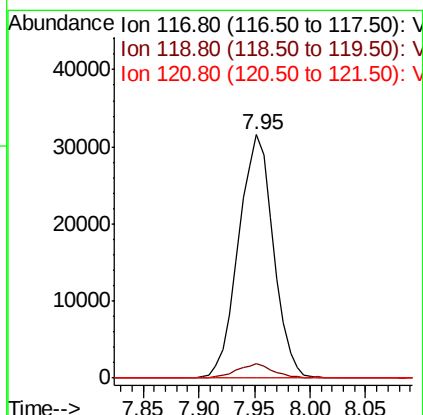
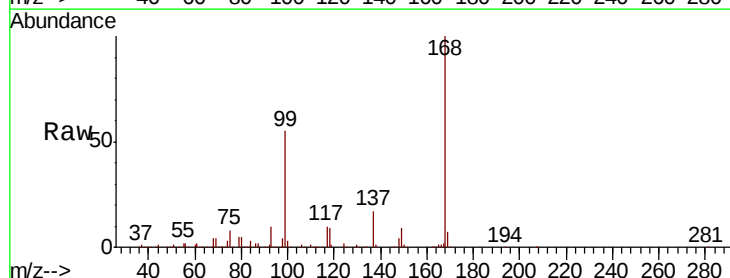
Tgt Ion: 117 Resp: 68459

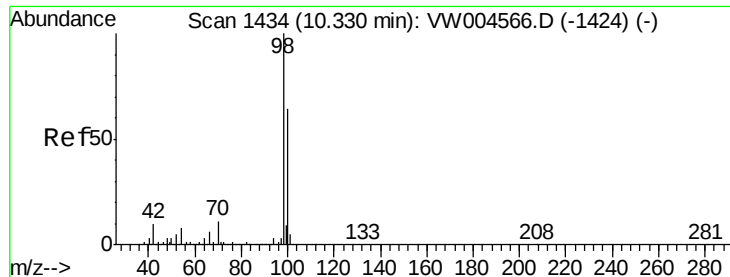
Ion Ratio Lower Upper

117 100

119 5.9 76.1 114.1#

121 0.0 24.2 36.4#





#50

Toluene-d8

Concen: 38.118 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004610.D

Acq: 10 Aug 2018 20:50

Instrument :

MSVOA_W

ClientSampleId :

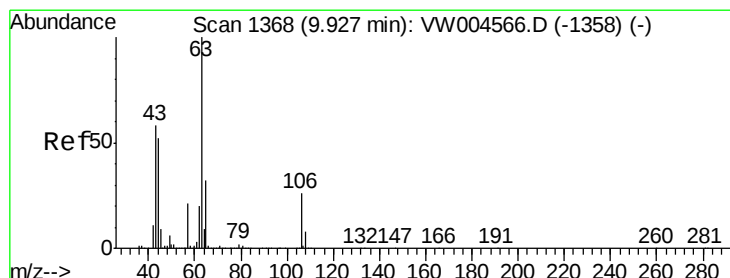
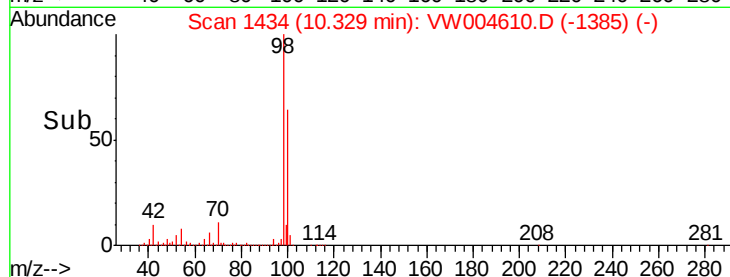
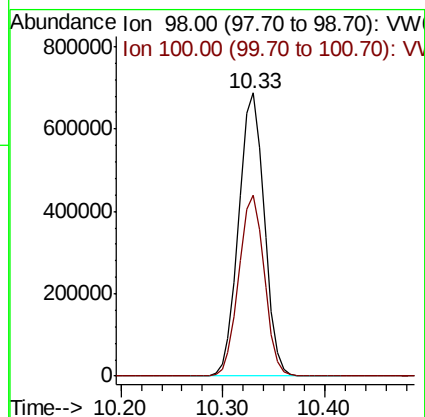
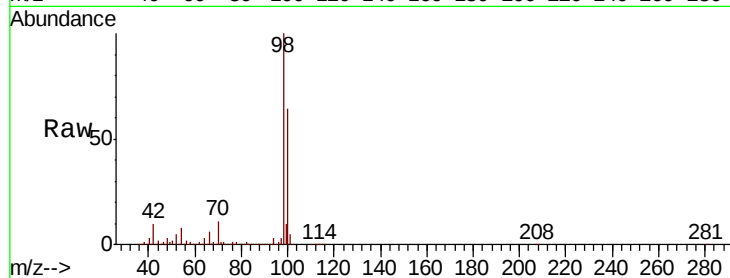
HD-01-080918

Tgt Ion: 98 Resp: 1191127

Ion Ratio Lower Upper

98 100

100 63.5 51.4 77.2



#58

2-Chloroethyl Vinyl ether

Concen: 8.948 ug/l

RT: 10.20 min Scan# 1412

Delta R.T. 0.27 min

Lab File: VW004610.D

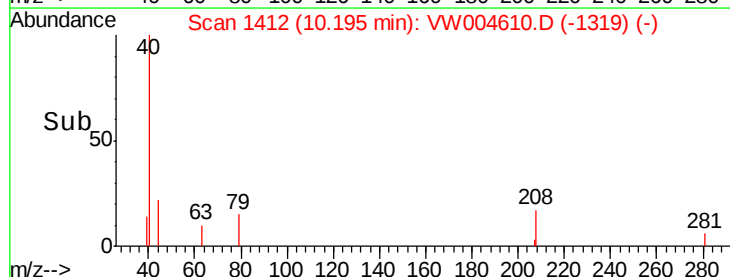
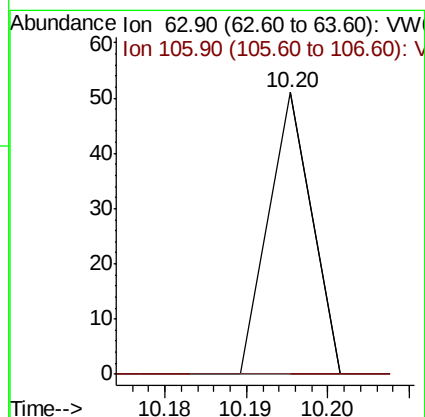
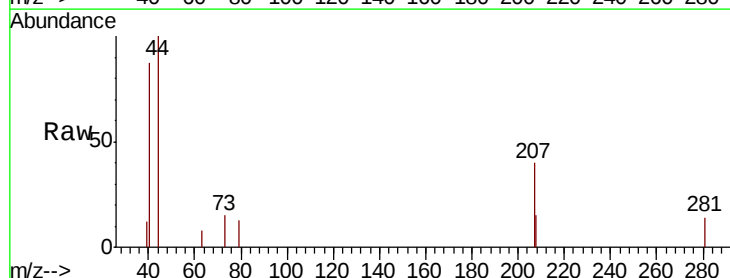
Acq: 10 Aug 2018 20:50

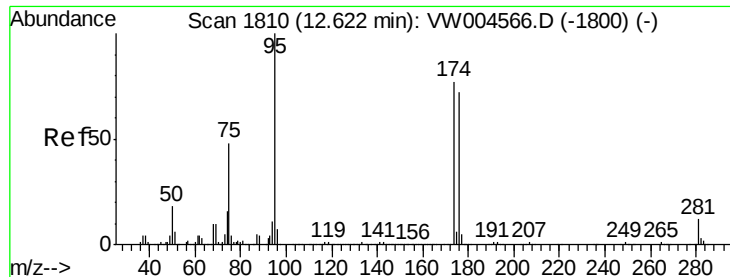
Tgt Ion: 63 Resp: 19

Ion Ratio Lower Upper

63 100

106 0.0 21.3 31.9#

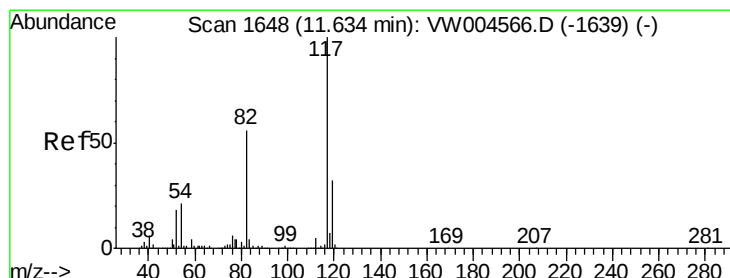
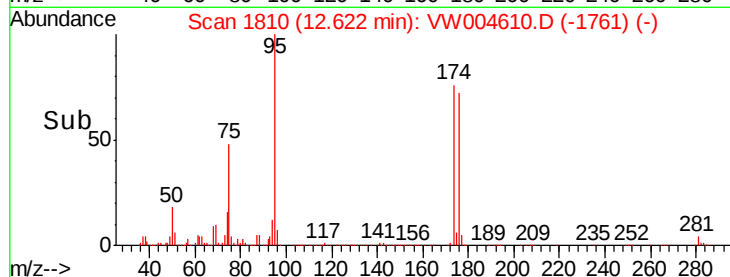
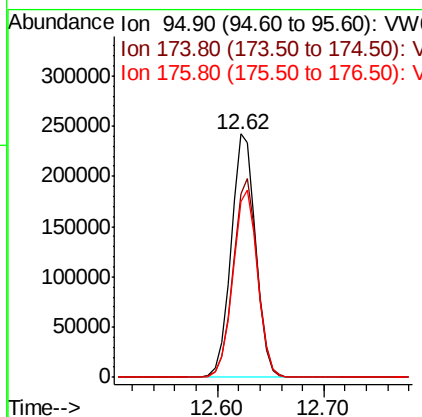
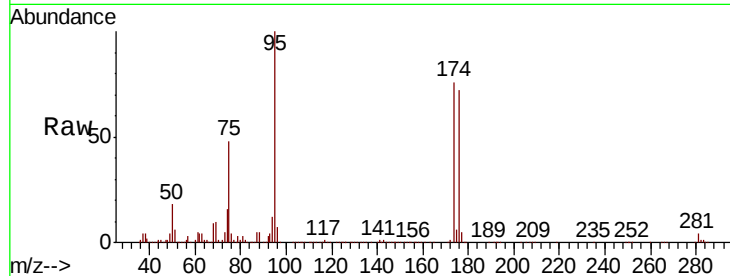




#62
4-Bromofluorobenzene
Concen: 34.612 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW004610.D
Acq: 10 Aug 2018 20:50

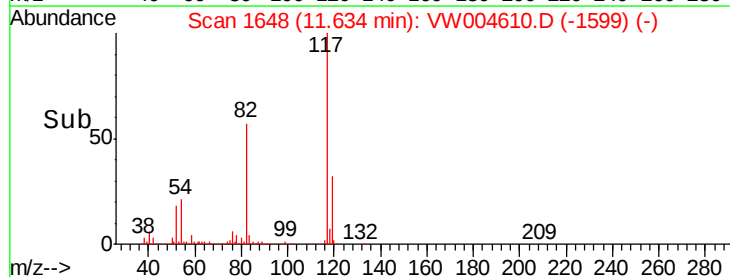
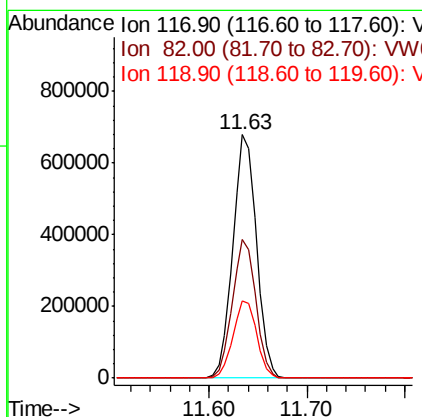
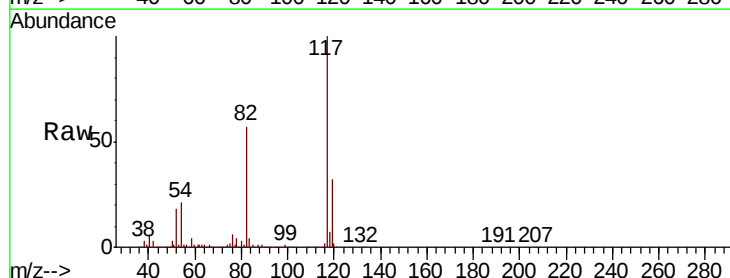
Instrument :
MSVOA_W
ClientSampleId :
HD-01-080918

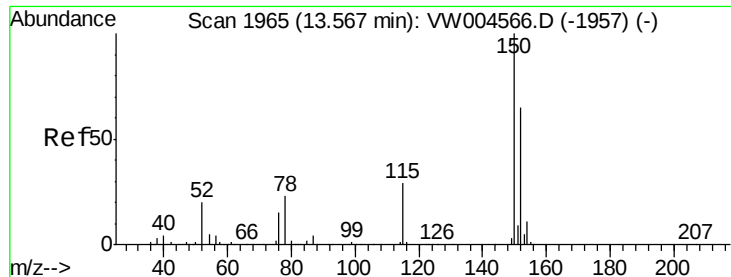
Tgt Ion: 95 Resp: 389599
Ion Ratio Lower Upper
95 100
174 81.1 0.0 160.4
176 77.4 0.0 153.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004610.D
Acq: 10 Aug 2018 20:50

Tgt Ion: 117 Resp: 1136708
Ion Ratio Lower Upper
117 100
82 57.2 45.3 67.9
119 31.8 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: VW004610.D

Acq: 10 Aug 2018 20:50

Instrument :

MSVOA_W

ClientSampleId :

HD-01-080918

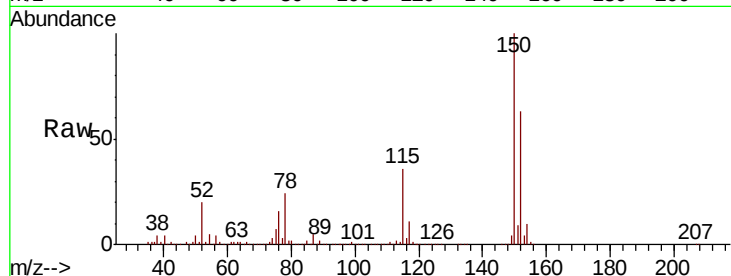
Tgt Ion:152 Resp: 526431

Ion Ratio Lower Upper

152 100

115 57.8 29.1 87.3

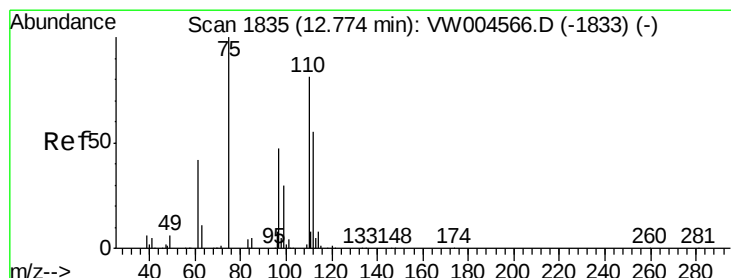
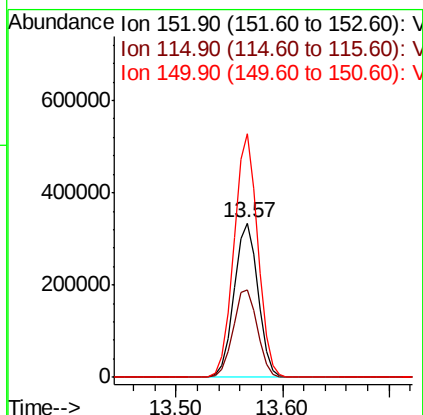
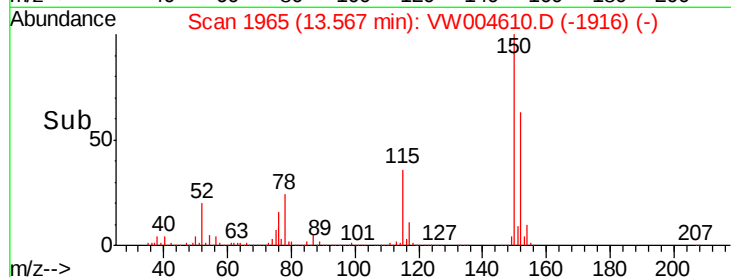
150 156.8 0.0 349.6



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: 34.565 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004610.D

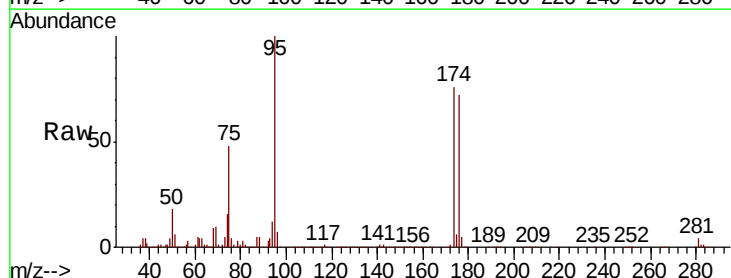
Acq: 10 Aug 2018 20:50

Tgt Ion: 75 Resp: 188291

Ion Ratio Lower Upper

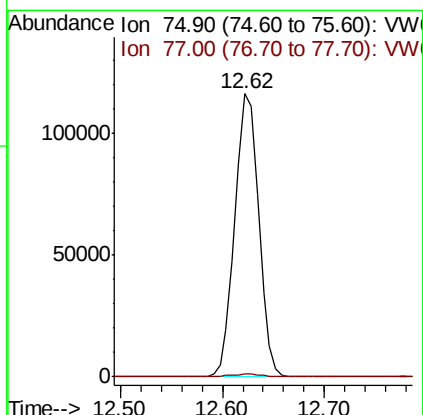
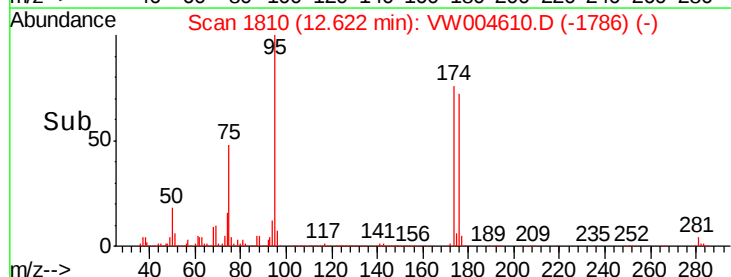
75 100

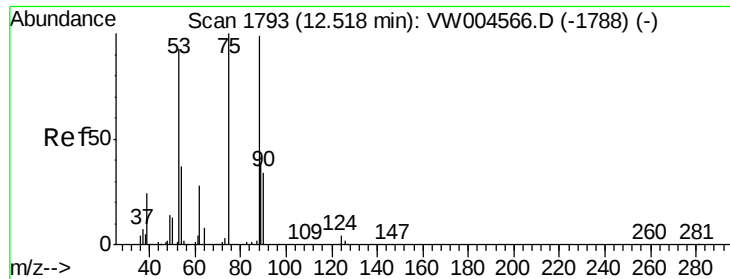
77 1.3 0.0 0.0#



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: 82.745 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004610.D

Acq: 10 Aug 2018 20:50

Instrument :

MSVOA_W

ClientSampleId :

HD-01-080918

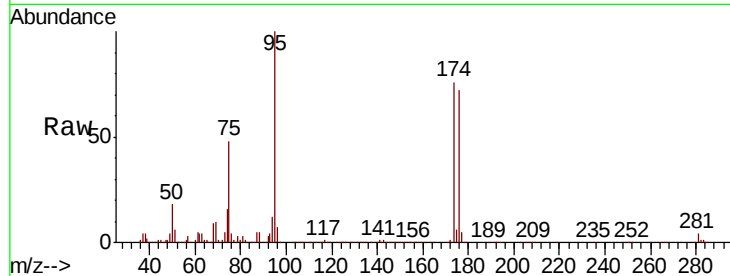
Tgt Ion: 75 Resp: 188291

Ion Ratio Lower Upper

75 100

53 0.2 74.4 111.6#

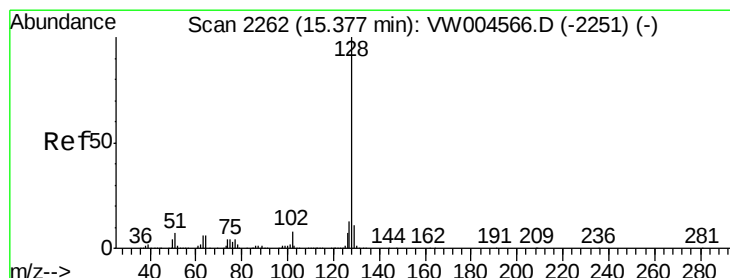
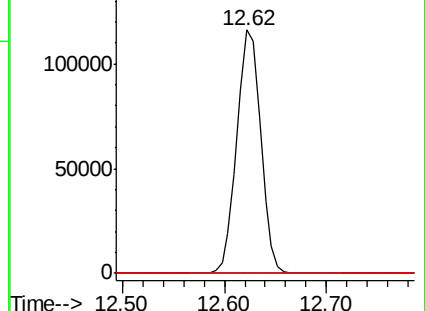
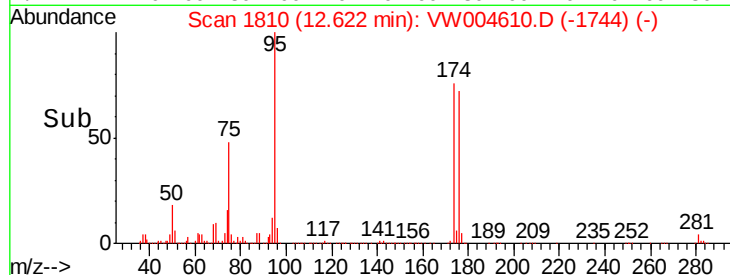
89 0.0 35.9 53.9#



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: 2.977 ug/l

RT: 15.37 min Scan# 2260

Delta R.T. -0.01 min

Lab File: VW004610.D

Acq: 10 Aug 2018 20:50

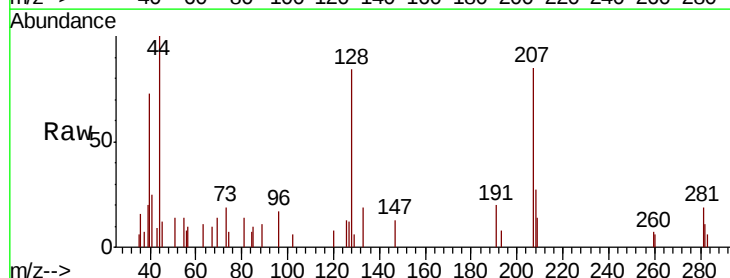
Tgt Ion: 128 Resp: 1551

Ion Ratio Lower Upper

128 100

127 8.9 10.3 15.5#

129 1.3 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

