

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081218\
 Data File : VW004582.D
 Acq On : 10 Aug 2018 05:26
 Operator : SY/AP
 Sample : J4382-02
 Misc : 14.35G/5ML/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-04-5-7

Quant Time: Aug 10 08:00:07 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	449465	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	399339	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	84540	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	240155	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	3408	0.68	ug/l	0.00
Spiked Amount			Recovery	=	1.36%	
35) Dibromofluoromethane	7.90	113	3181	1.19	ug/l	0.01
Spiked Amount			Recovery	=	2.38%	
50) Toluene-d8	10.33	98	379	0.04	ug/l	0.00
Spiked Amount			Recovery	=	0.08%	
62) 4-Bromofluorobenzene	12.62	95	2665	0.73	ug/l	0.00
Spiked Amount			Recovery	=	1.46%	

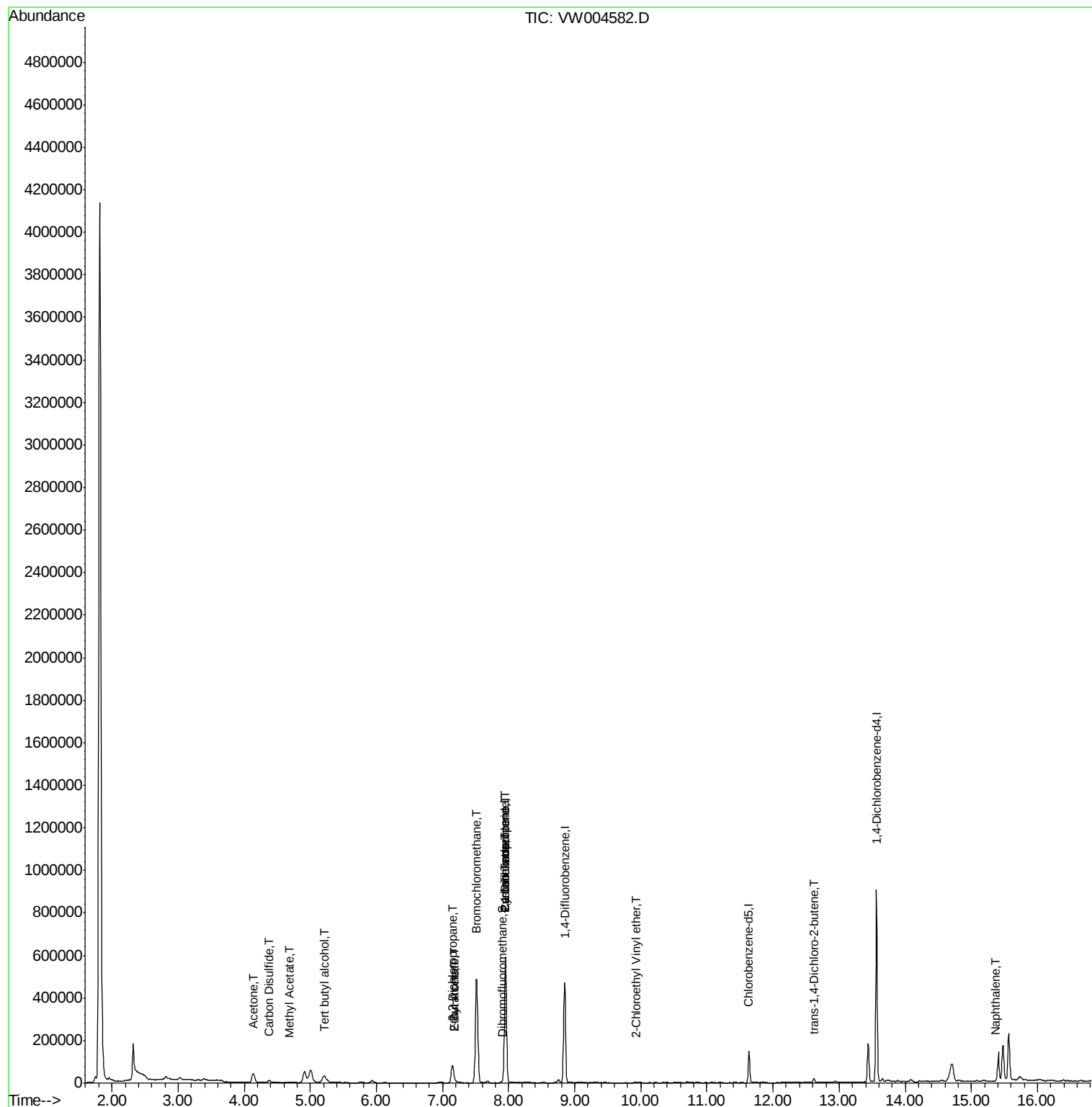
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	68995	236.835	ug/l	98
16) Acetone	4.14	43	79019	63.595	ug/l	97
17) Carbon Disulfide	4.38	76	23086	1.457	ug/l	99
18) Methyl Acetate	4.68	43	6573	2.121	ug/l	96
20) Methylene Chloride	4.92	84	44988	Below Cal		97
25) 2-Butanone	7.18	43	13389	6.699	ug/l	92
26) 2,2-Dichloropropane	7.15	77	5571	1.090	ug/l #	50
28) Bromochloromethane	7.51	49	306969	72.429	ug/l	98
31) Cyclohexane	7.95	56	9800	1.051	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	35850	8.338	ug/l #	49
37) Ethyl Acetate	7.18	43	13389	6.649	ug/l #	68
38) Carbon Tetrachloride	7.95	117	42618	11.015	ug/l #	18
58) 2-Chloroethyl Vinyl ether	9.93	63	568	9.317	ug/l #	48
81) trans-1,4-Dichloro-2-buten	12.62	75	1410	1.358	ug/l #	15
95) Naphthalene	15.37	128	680	2.974	ug/l #	69

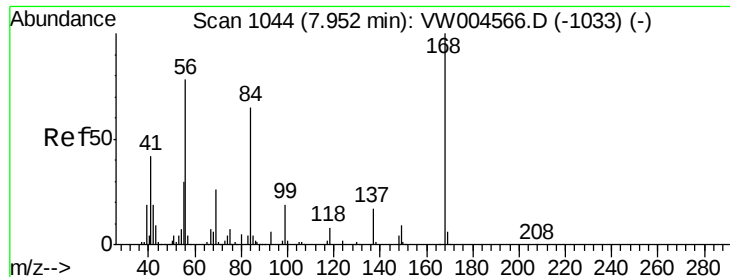
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081218\
Data File : VW004582.D
Acq On : 10 Aug 2018 05:26
Operator : SY/AP
Sample : J4382-02
Misc : 14.35G/5ML/MSVOA_W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-04-5-7

Quant Time: Aug 10 08:00:07 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: VW004582.D

Acq: 10 Aug 2018 05:26

Instrument :

MSVOA_W

ClientSampleId :

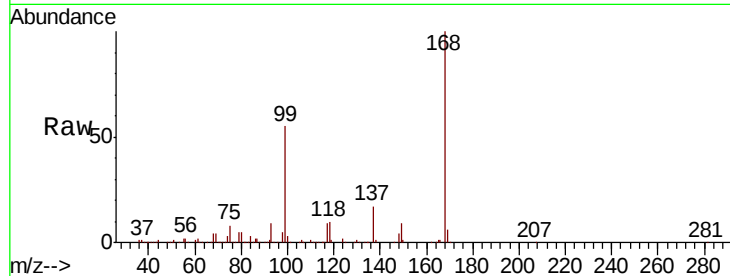
JTY-SB-04-5-7

Tgt Ion:168 Resp: 449465

Ion Ratio Lower Upper

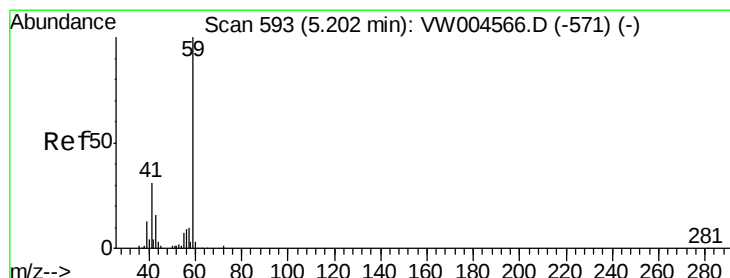
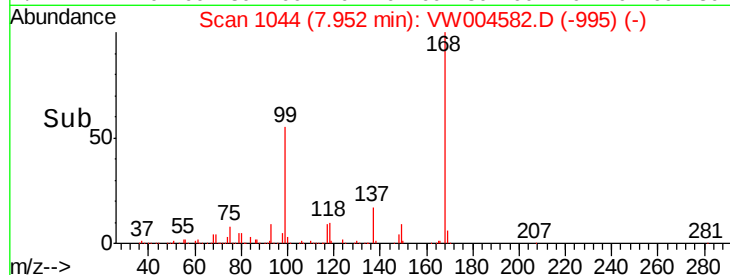
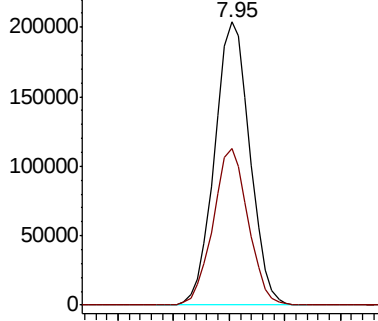
168 100

99 55.3 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 236.835 ug/l

RT: 5.21 min Scan# 594

Delta R.T. -0.01 min

Lab File: VW004582.D

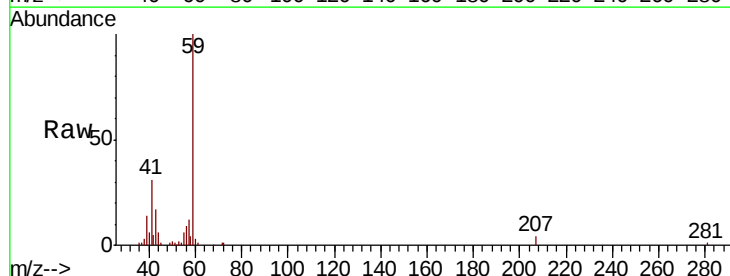
Acq: 10 Aug 2018 05:26

Tgt Ion: 59 Resp: 68995

Ion Ratio Lower Upper

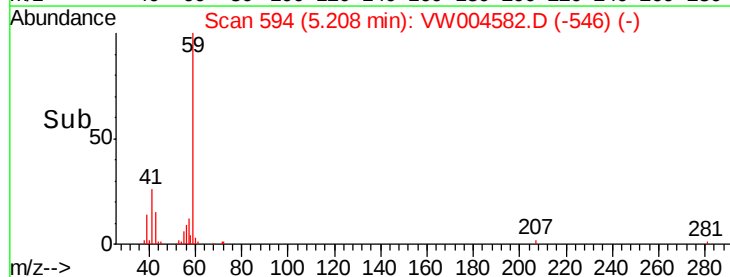
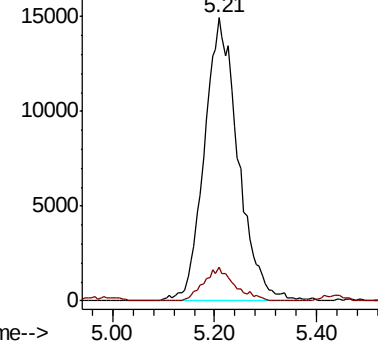
59 100

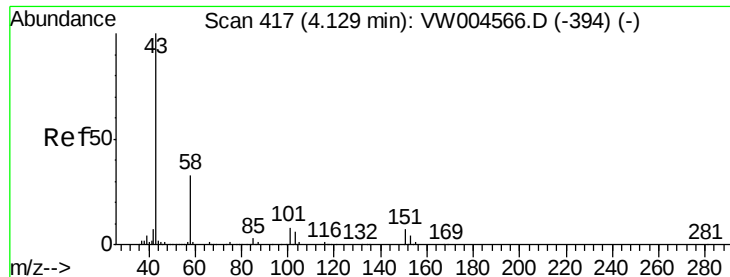
57 10.7 9.1 13.7



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 63.595 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.00 min

Lab File: VW004582.D

Acq: 10 Aug 2018 05:26

Instrument :

MSVOA_W

ClientSampleId :

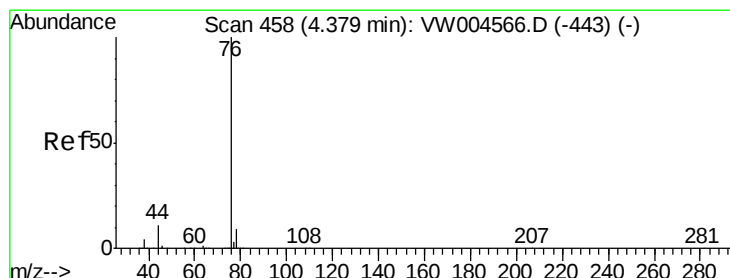
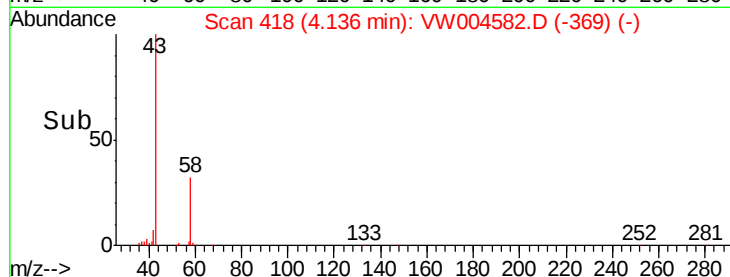
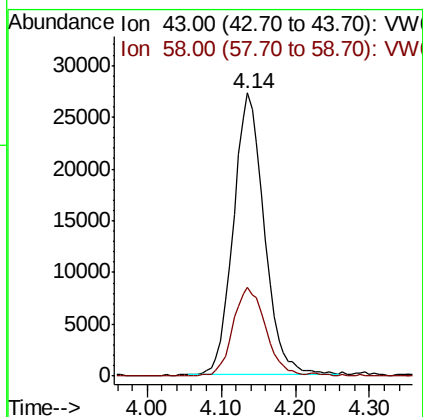
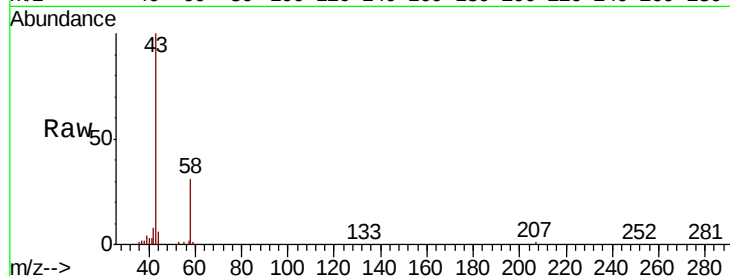
JTY-SB-04-5-7

Tgt Ion: 43 Resp: 79019

Ion Ratio Lower Upper

43 100

58 31.6 26.8 40.2



#17

Carbon Disulfide

Concen: 1.457 ug/l

RT: 4.38 min Scan# 458

Delta R.T. 0.00 min

Lab File: VW004582.D

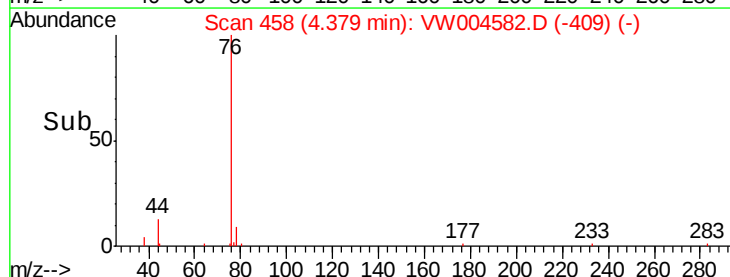
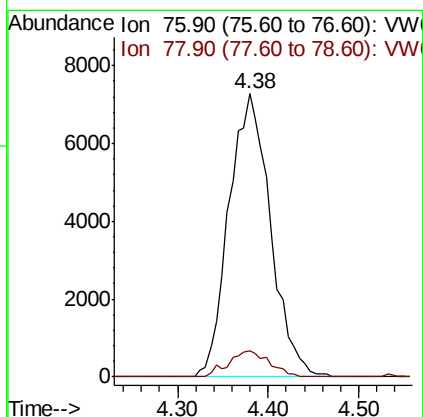
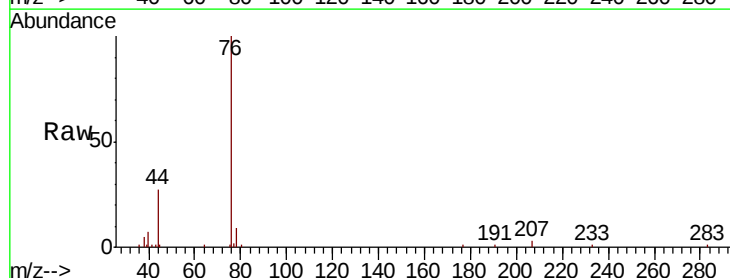
Acq: 10 Aug 2018 05:26

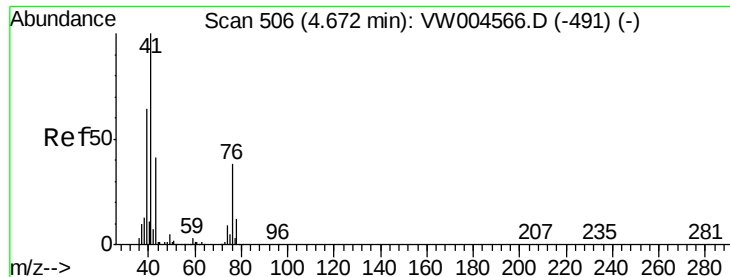
Tgt Ion: 76 Resp: 23086

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.4

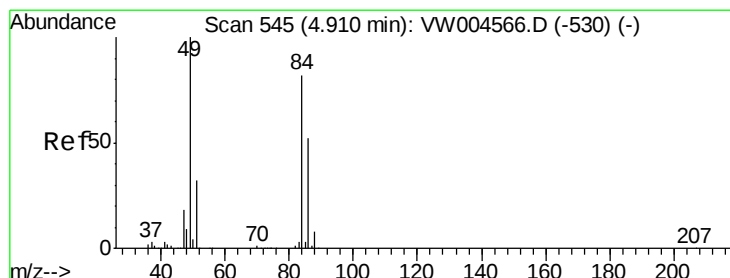
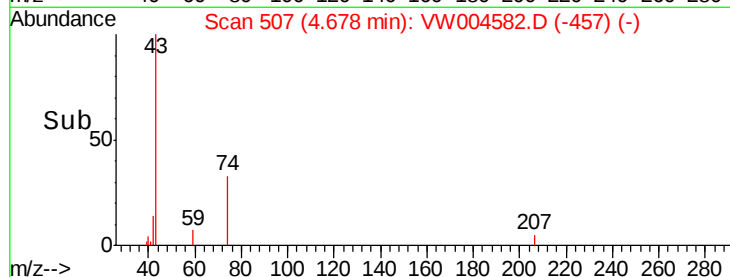
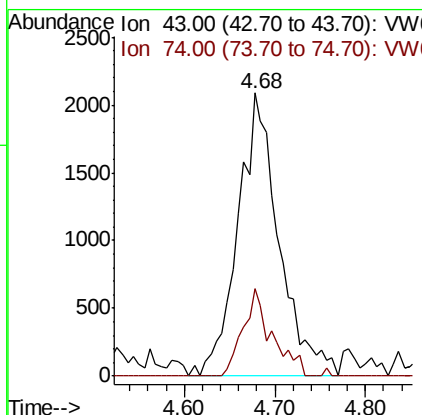
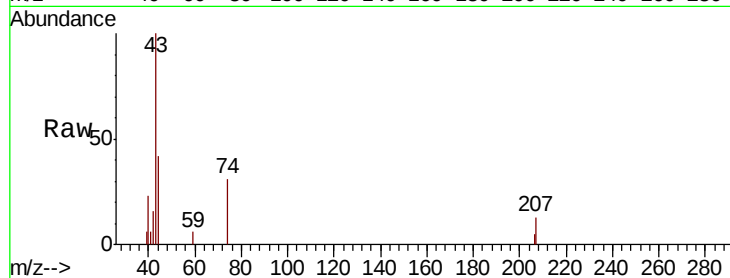




#18
Methyl Acetate
Concen: 2.121 ug/l
RT: 4.68 min Scan# 507
Delta R.T. 0.01 min
Lab File: VW004582.D
Acq: 10 Aug 2018 05:26

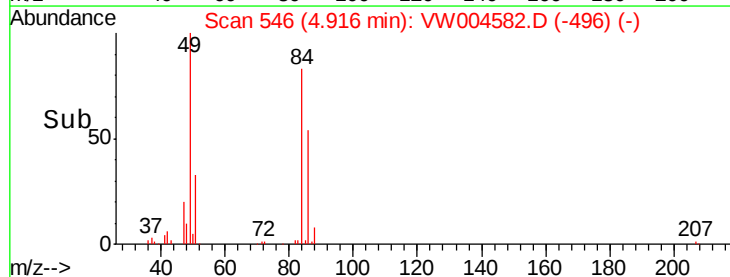
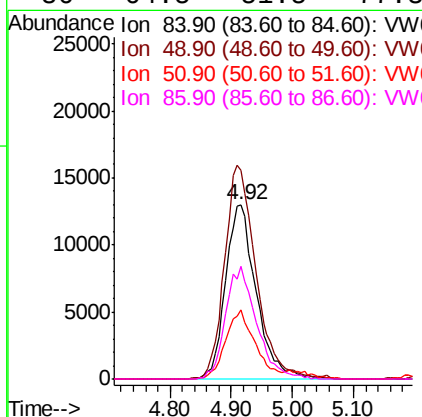
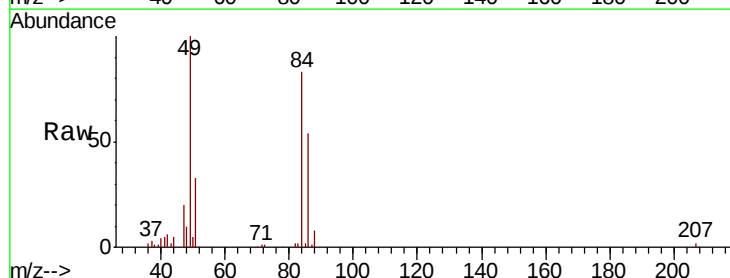
Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-04-5-7

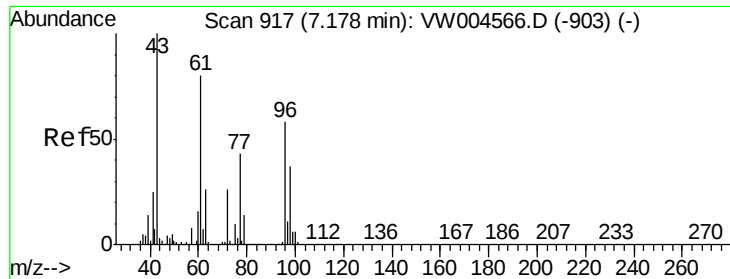
Tgt Ion: 43 Resp: 6573
Ion Ratio Lower Upper
43 100
74 21.8 19.1 28.7



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW004582.D
Acq: 10 Aug 2018 05:26

Tgt Ion: 84 Resp: 44988
Ion Ratio Lower Upper
84 100
49 119.8 99.6 149.4
51 39.5 31.0 46.4
86 64.5 51.5 77.3

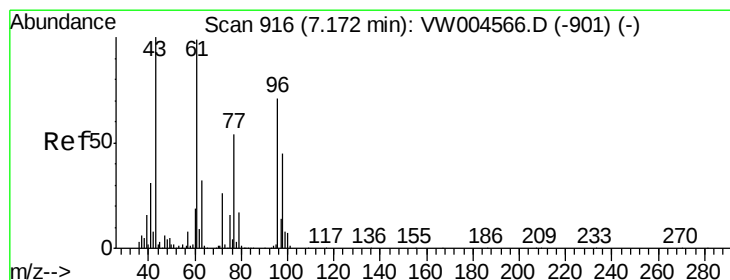
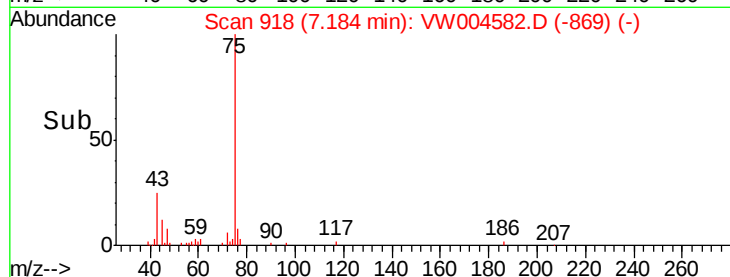
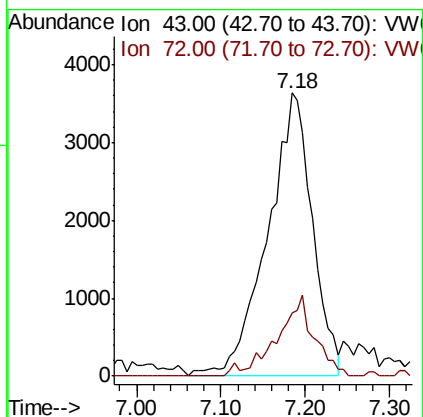
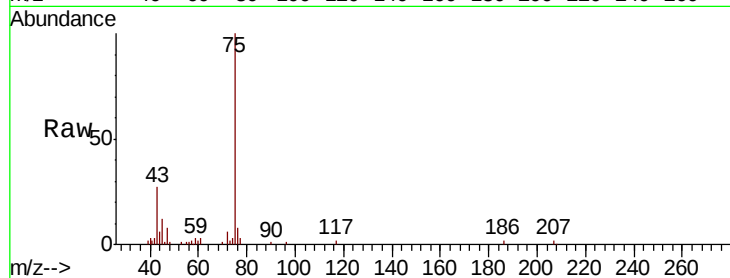




#25
 2-Butanone
 Concen: 6.699 ug/l
 RT: 7.18 min Scan# 918
 Delta R.T. 0.00 min
 Lab File: VW004582.D
 Acq: 10 Aug 2018 05:26

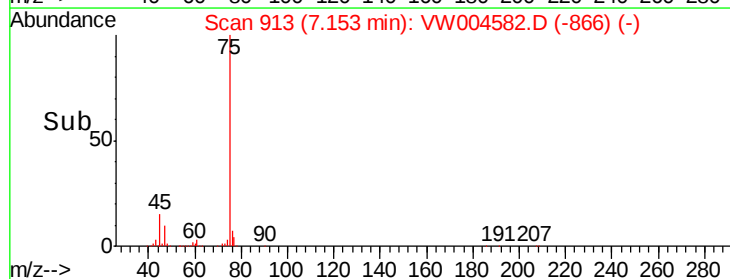
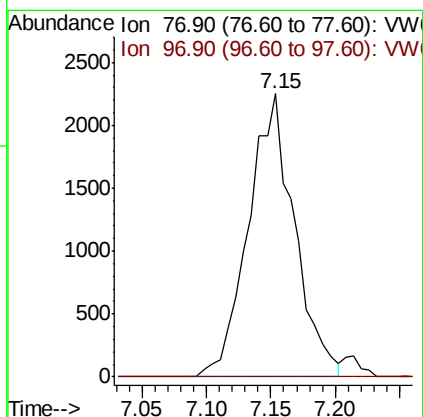
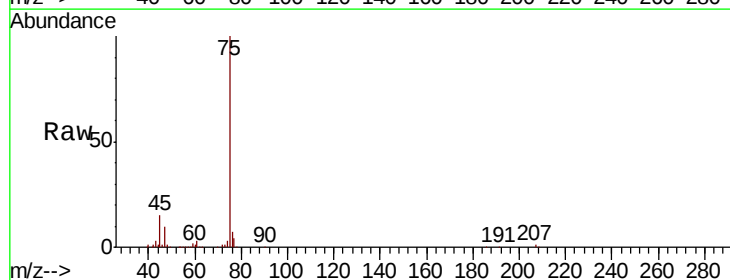
Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-04-5-7

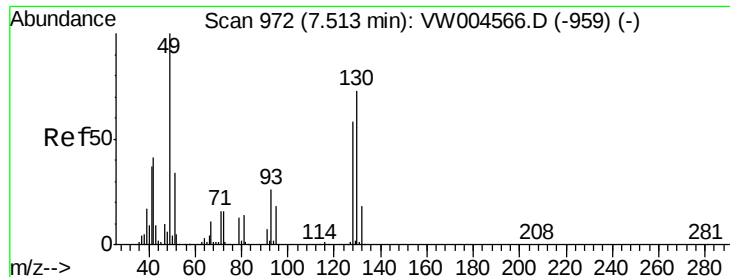
Tgt Ion: 43 Resp: 13389
 Ion Ratio Lower Upper
 43 100
 72 22.4 21.0 31.6



#26
 2,2-Dichloropropane
 Concen: 1.090 ug/l
 RT: 7.15 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: VW004582.D
 Acq: 10 Aug 2018 05:26

Tgt Ion: 77 Resp: 5571
 Ion Ratio Lower Upper
 77 100
 97 0.0 12.5 37.5#

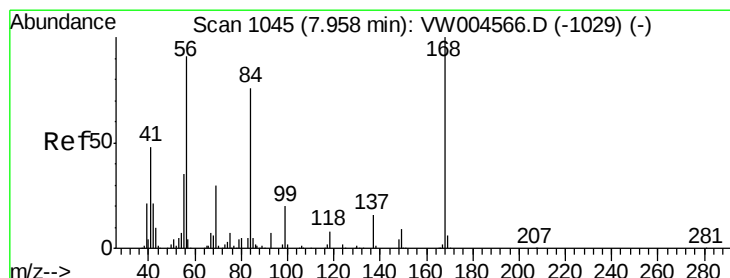
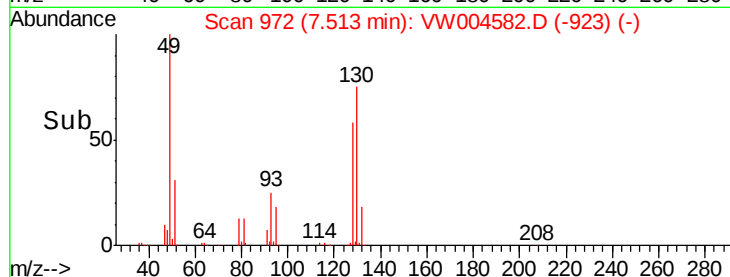
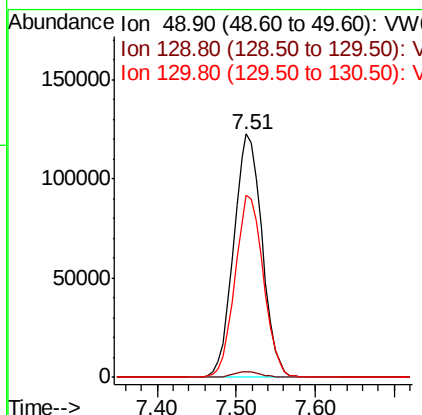
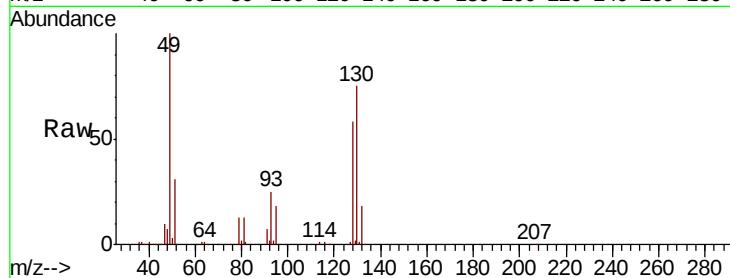




#28
Bromochloromethane
Concen: 72.429 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW004582.D
Acq: 10 Aug 2018 05:26

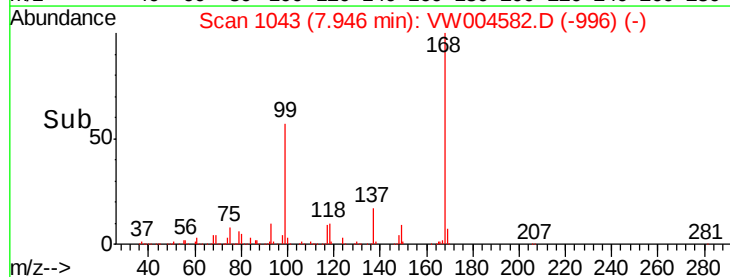
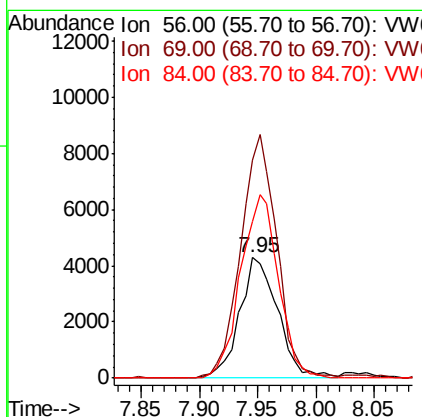
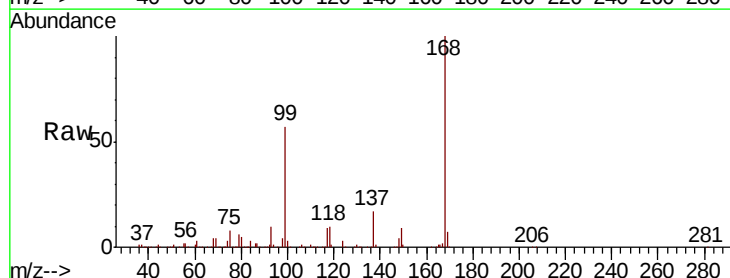
Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-04-5-7

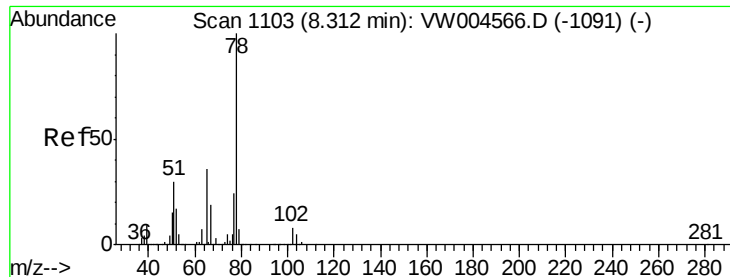
Tgt Ion: 49 Resp: 306969
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.0
130 74.8 58.8 88.2



#31
Cyclohexane
Concen: 1.051 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW004582.D
Acq: 10 Aug 2018 05:26

Tgt Ion: 56 Resp: 9800
Ion Ratio Lower Upper
56 100
69 181.1 26.4 39.6#
84 130.3 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 0.685 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW004582.D

Acq: 10 Aug 2018 05:26

Instrument :

MSVOA_W

ClientSampleId :

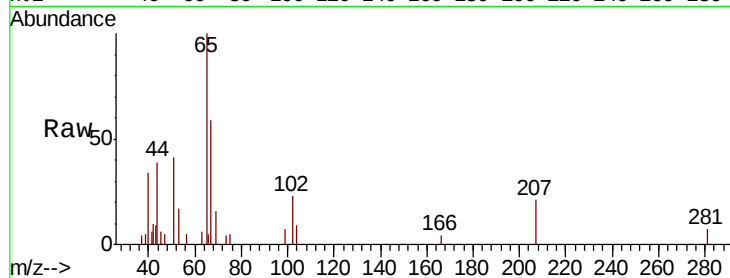
JTY-SB-04-5-7

Tgt Ion: 65 Resp: 3408

Ion Ratio Lower Upper

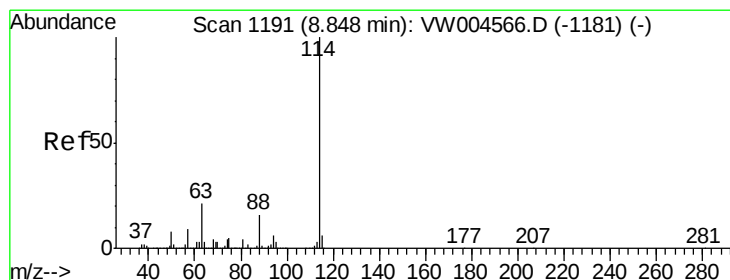
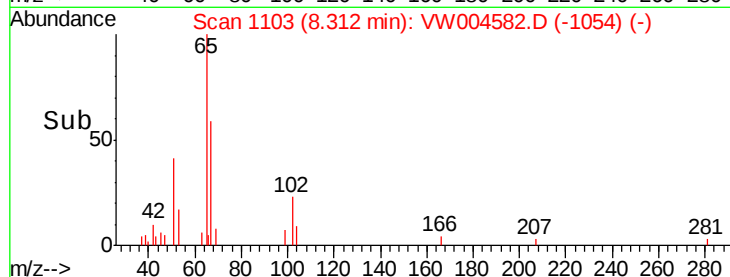
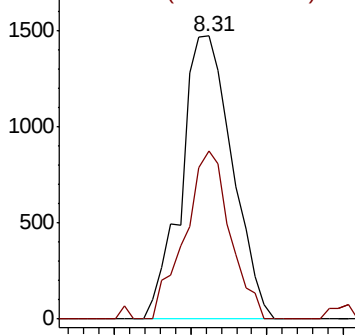
65 100

67 52.6 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: VW004582.D

Acq: 10 Aug 2018 05:26

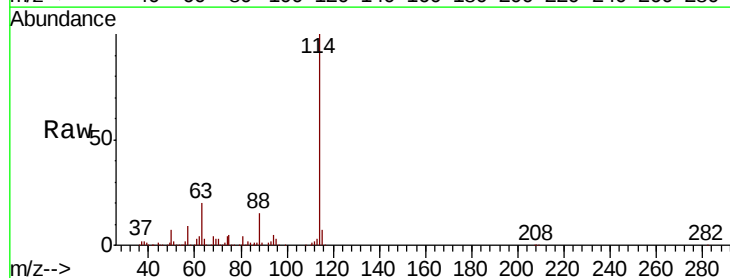
Tgt Ion: 114 Resp: 399339

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.4

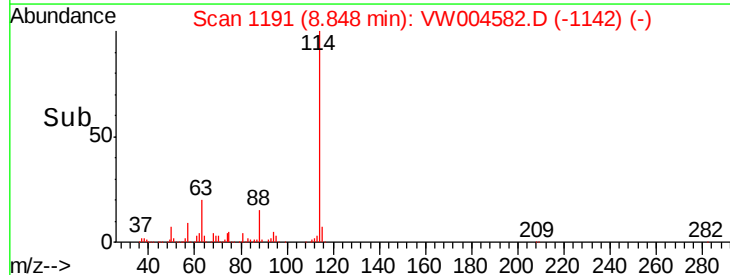
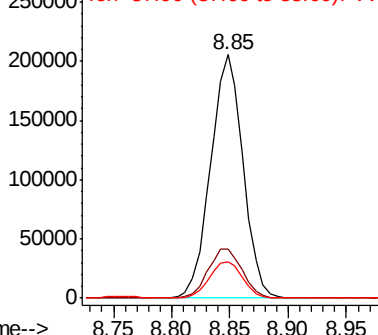
88 14.9 0.0 31.2

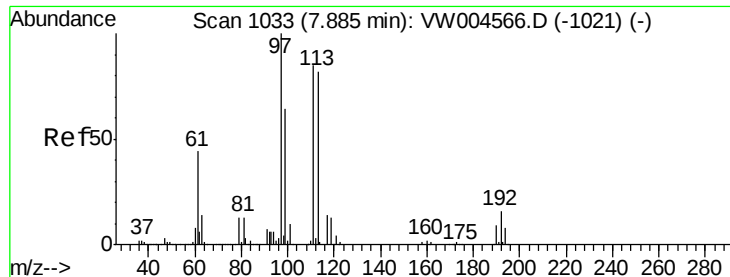


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

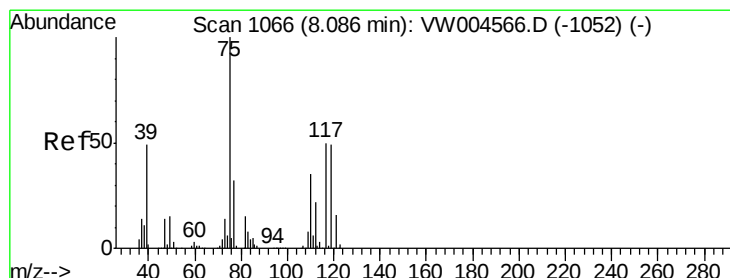
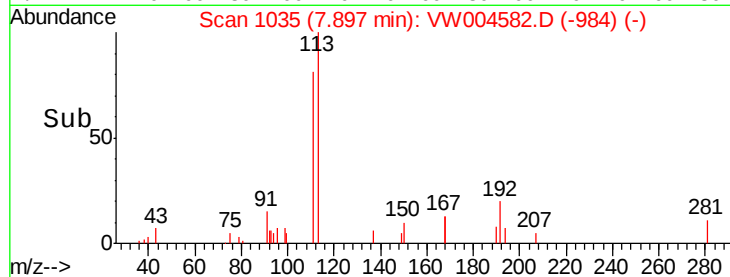
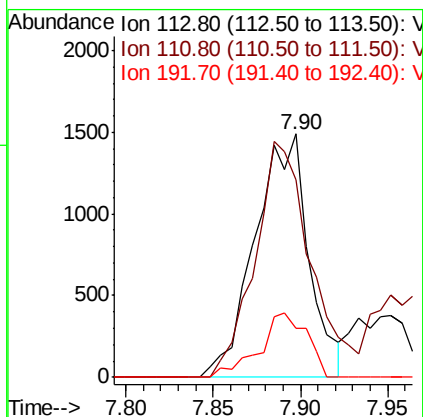
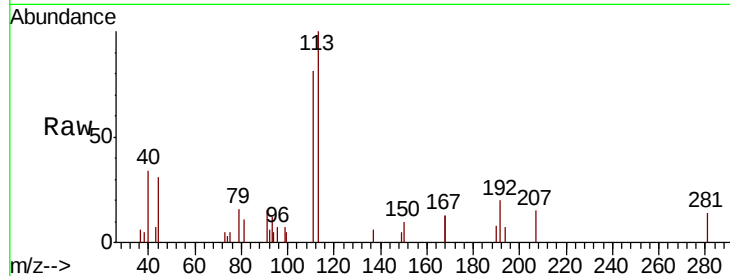




#35
 Dibromofluoromethane
 Concen: 1.195 ug/l
 RT: 7.90 min Scan# 1035
 Delta R.T. 0.01 min
 Lab File: VW004582.D
 Acq: 10 Aug 2018 05:26

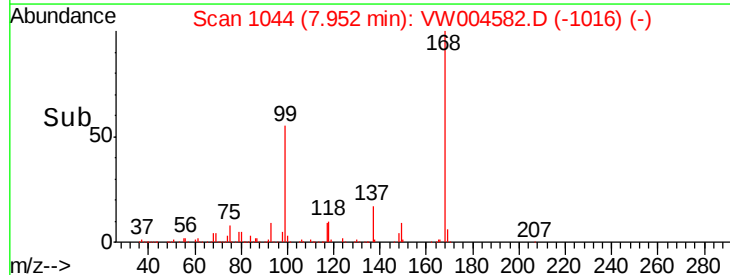
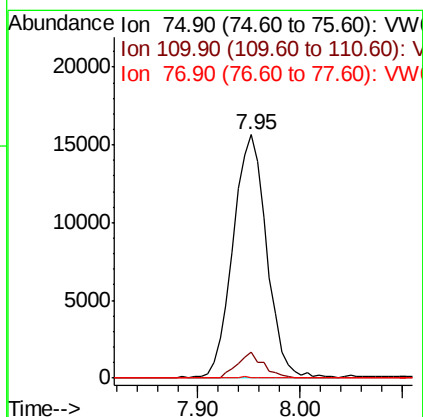
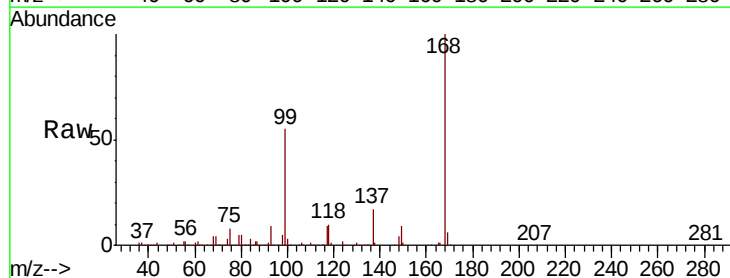
Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-04-5-7

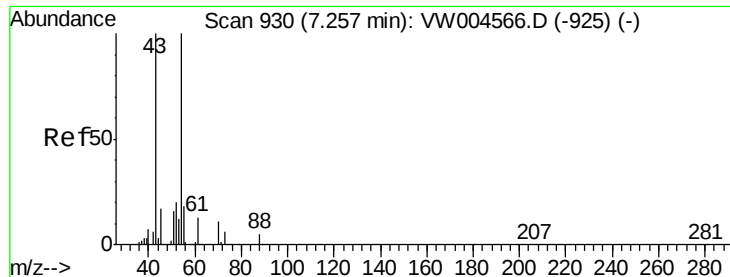
Tgt Ion: 113 Resp: 3181
 Ion Ratio Lower Upper
 113 100
 111 100.8 82.9 124.3
 192 23.4 15.8 23.6



#36
 1,1-Dichloropropene
 Concen: 8.338 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004582.D
 Acq: 10 Aug 2018 05:26

Tgt Ion: 75 Resp: 35850
 Ion Ratio Lower Upper
 75 100
 110 8.1 17.4 52.2#
 77 0.1 24.7 37.1#

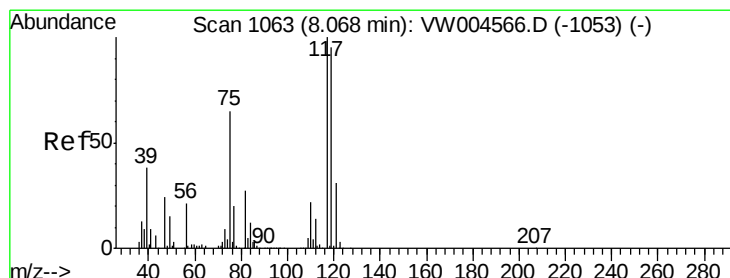
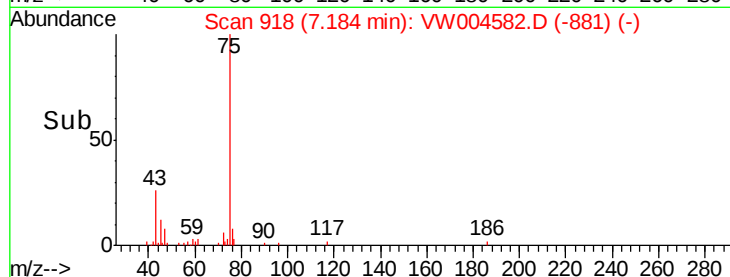
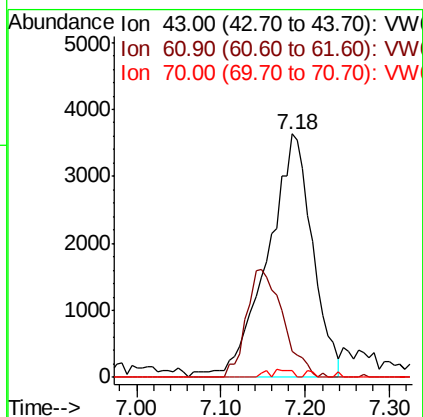
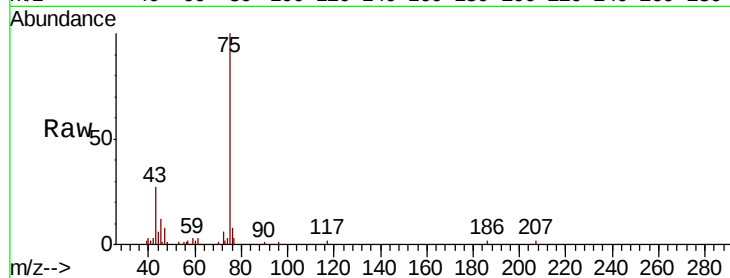




#37
 Ethyl Acetate
 Concen: 6.649 ug/l
 RT: 7.18 min Scan# 918
 Delta R.T. -0.07 min
 Lab File: VW004582.D
 Acq: 10 Aug 2018 05:26

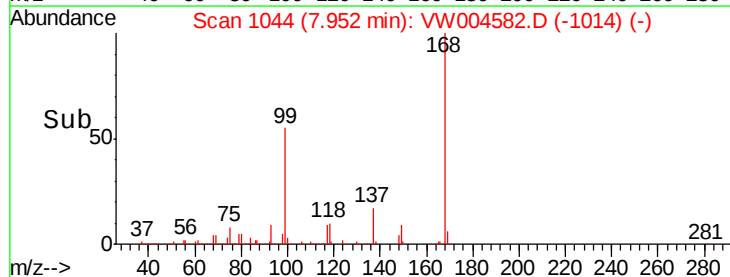
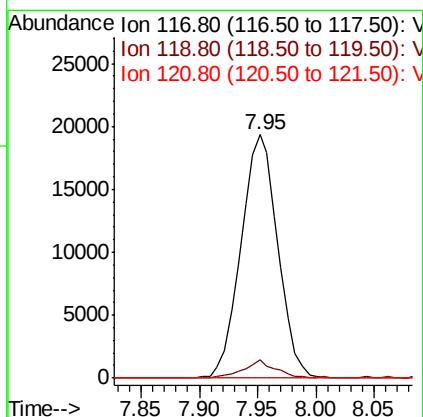
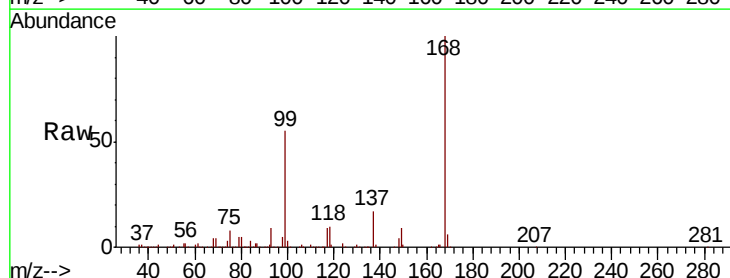
Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-04-5-7

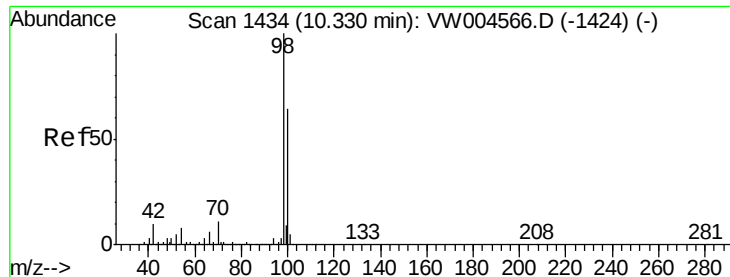
Tgt Ion: 43 Resp: 13389
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.9 17.9#
 70 0.5 8.2 12.4#



#38
 Carbon Tetrachloride
 Concen: 11.015 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW004582.D
 Acq: 10 Aug 2018 05:26

Tgt Ion: 117 Resp: 42618
 Ion Ratio Lower Upper
 117 100
 119 7.5 76.1 114.1#
 121 0.0 24.2 36.4#





#50

Toluene-d8

Concen: 0.037 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004582.D

Acq: 10 Aug 2018 05:26

Instrument :

MSVOA_W

ClientSampleId :

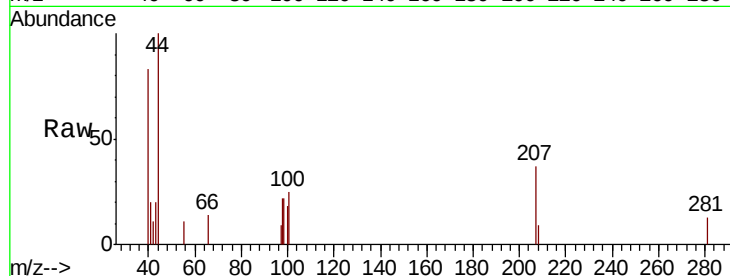
JTY-SB-04-5-7

Tgt Ion: 98 Resp: 379

Ion Ratio Lower Upper

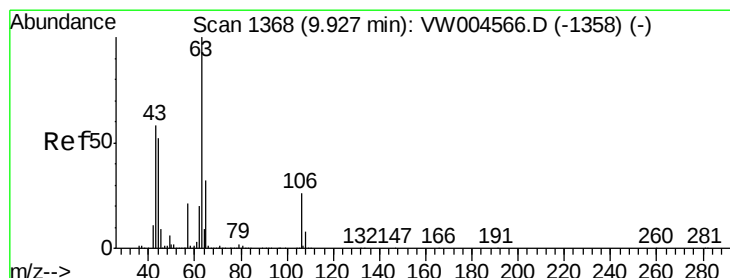
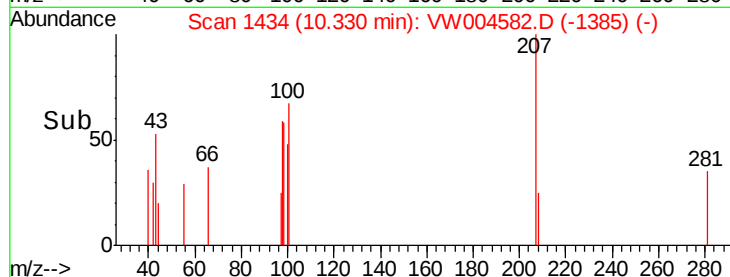
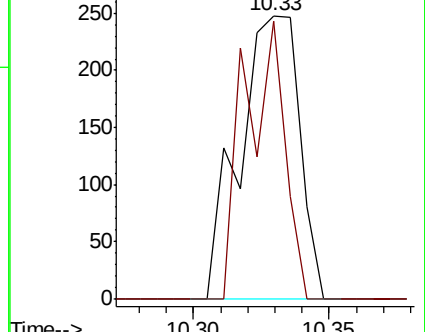
98 100

100 65.4 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#58

2-Chloroethyl Vinyl ether

Concen: 9.317 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VW004582.D

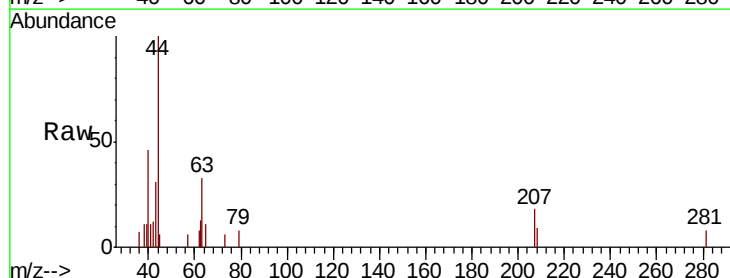
Acq: 10 Aug 2018 05:26

Tgt Ion: 63 Resp: 568

Ion Ratio Lower Upper

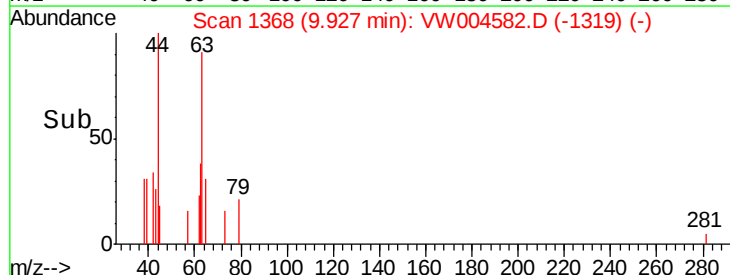
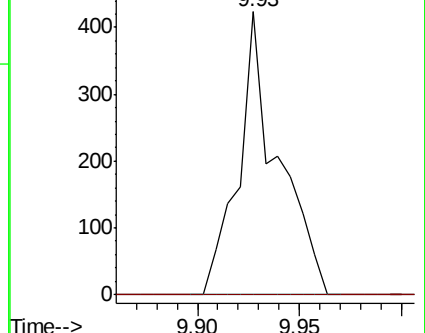
63 100

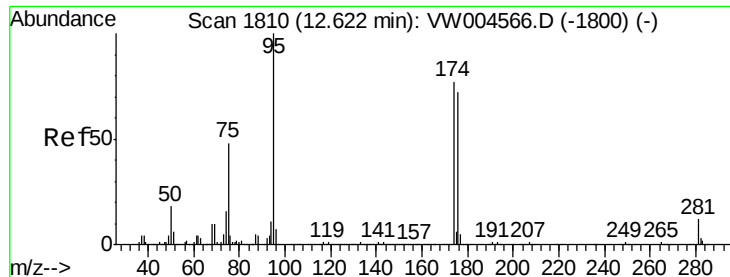
106 0.0 21.3 31.9#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V





#62

4-Bromofluorobenzene

Concen: 0.729 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004582.D

Acq: 10 Aug 2018 05:26

Instrument :

MSVOA_W

ClientSampleId :

JTY-SB-04-5-7

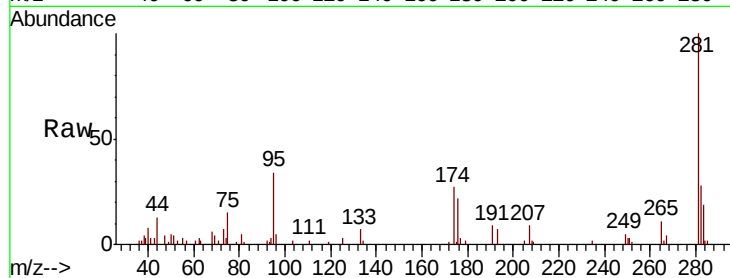
Tgt Ion: 95 Resp: 2665

Ion Ratio Lower Upper

95 100

174 78.7 0.0 160.4

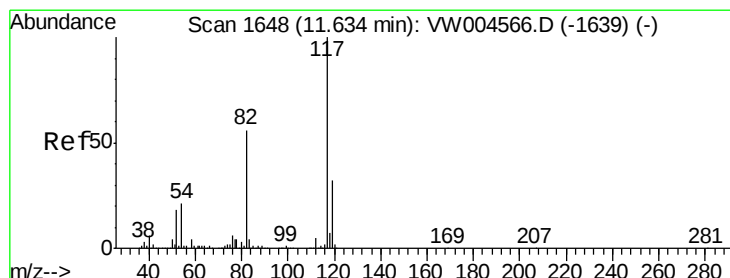
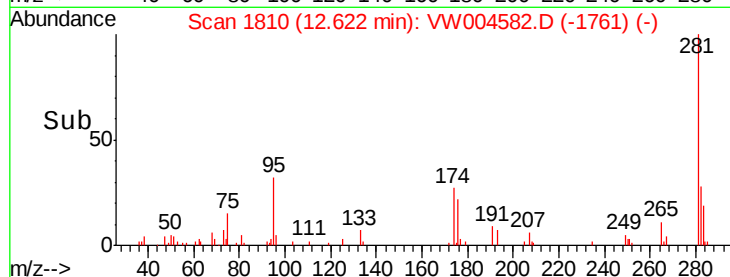
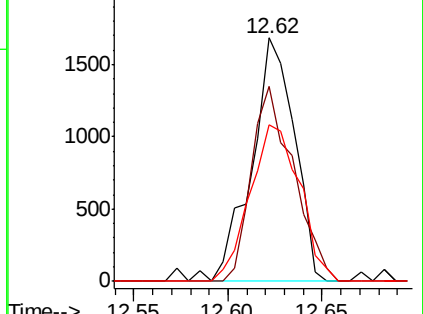
176 74.0 0.0 153.2



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. 0.00 min

Lab File: VW004582.D

Acq: 10 Aug 2018 05:26

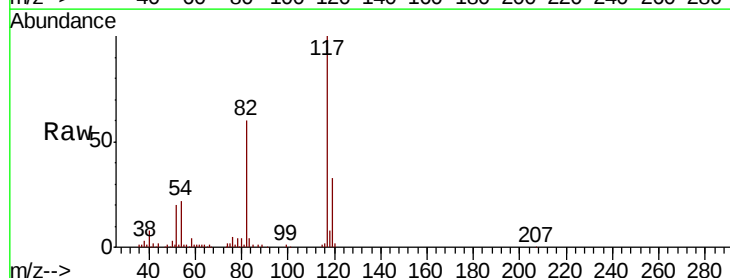
Tgt Ion: 117 Resp: 84540

Ion Ratio Lower Upper

117 100

82 59.7 45.3 67.9

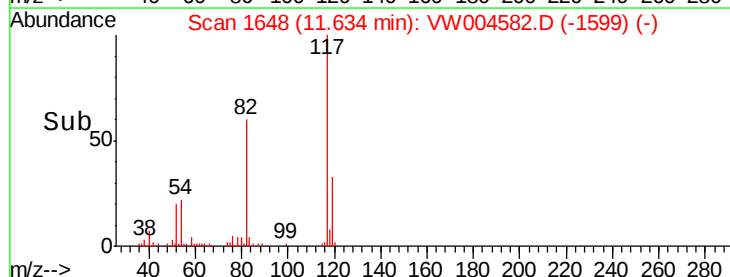
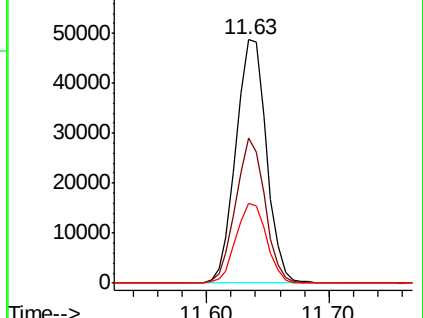
119 32.9 26.2 39.4

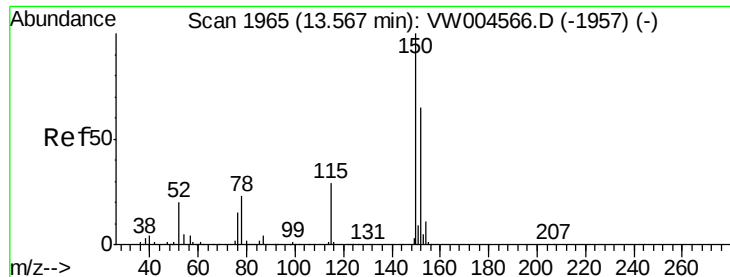


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004582.D

Acq: 10 Aug 2018 05:26

Instrument :

MSVOA_W

ClientSampleId :

JTY-SB-04-5-7

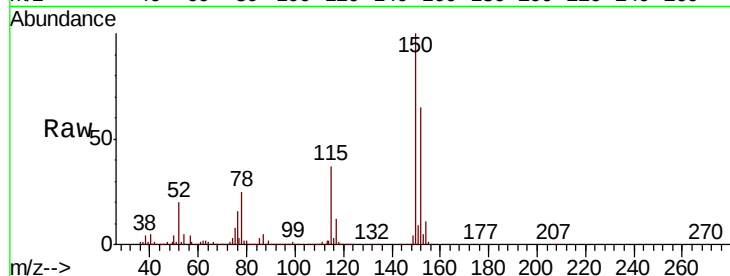
Tgt Ion:152 Resp: 240155

Ion Ratio Lower Upper

152 100

115 57.6 29.1 87.3

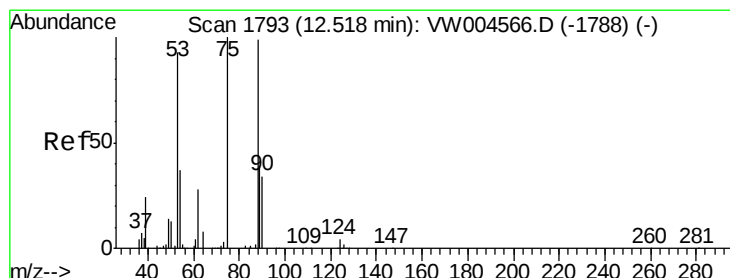
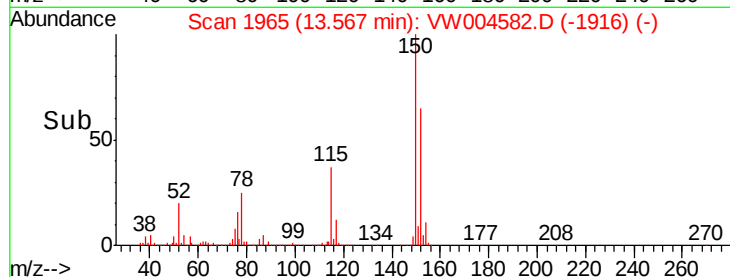
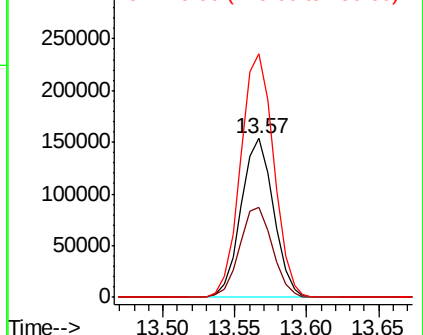
150 156.2 0.0 349.6



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



#81

trans-1,4-Dichloro-2-butene

Concen: 1.358 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004582.D

Acq: 10 Aug 2018 05:26

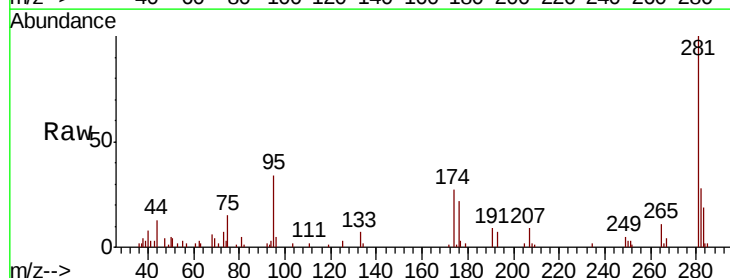
Tgt Ion: 75 Resp: 1410

Ion Ratio Lower Upper

75 100

53 3.6 74.4 111.6#

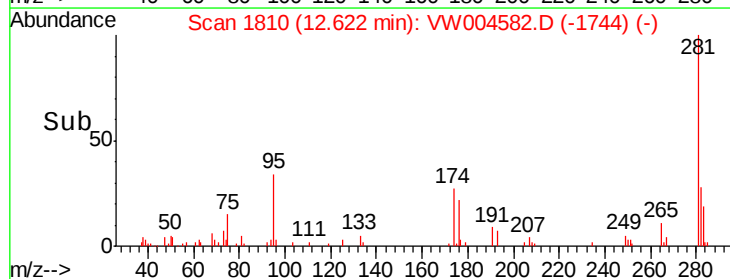
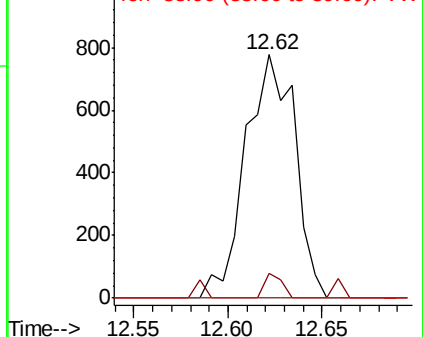
89 0.0 35.9 53.9#

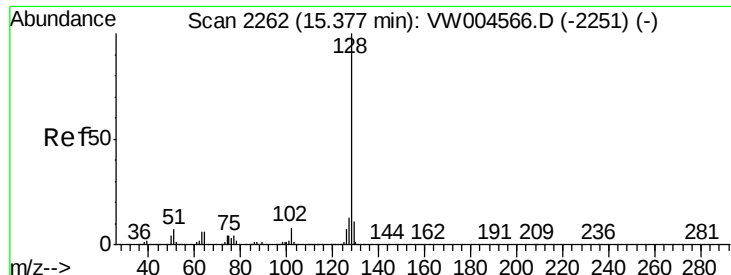


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW





#95

Naphthalene

Concen: 2.974 ug/l

RT: 15.37 min Scan# 2260

Delta R.T. -0.01 min

Lab File: VW004582.D

Acq: 10 Aug 2018 05:26

Instrument :

MSVOA_W

ClientSampleId :

JTY-SB-04-5-7

Tgt Ion:128 Resp: 680

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.6 13.0#

