

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080818\
 Data File : VW004521.D
 Acq On : 08 Aug 2018 04:04
 Operator : SY/AP
 Sample : J4351-01
 Misc : 12.44G/5ML/MSVOA_W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-03-1-2

Quant Time: Aug 08 08:40:34 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	484693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	824934	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	752644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	304377	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	245863	45.82	ug/l	0.00
Spiked Amount			Recovery	=	91.64%	
35) Dibromofluoromethane	7.88	113	250663	45.57	ug/l	0.00
Spiked Amount			Recovery	=	91.14%	
50) Toluene-d8	10.33	98	772066	36.82	ug/l	0.00
Spiked Amount			Recovery	=	73.64%	
62) 4-Bromofluorobenzene	12.62	95	225562	29.86	ug/l	0.00
Spiked Amount			Recovery	=	59.72%	

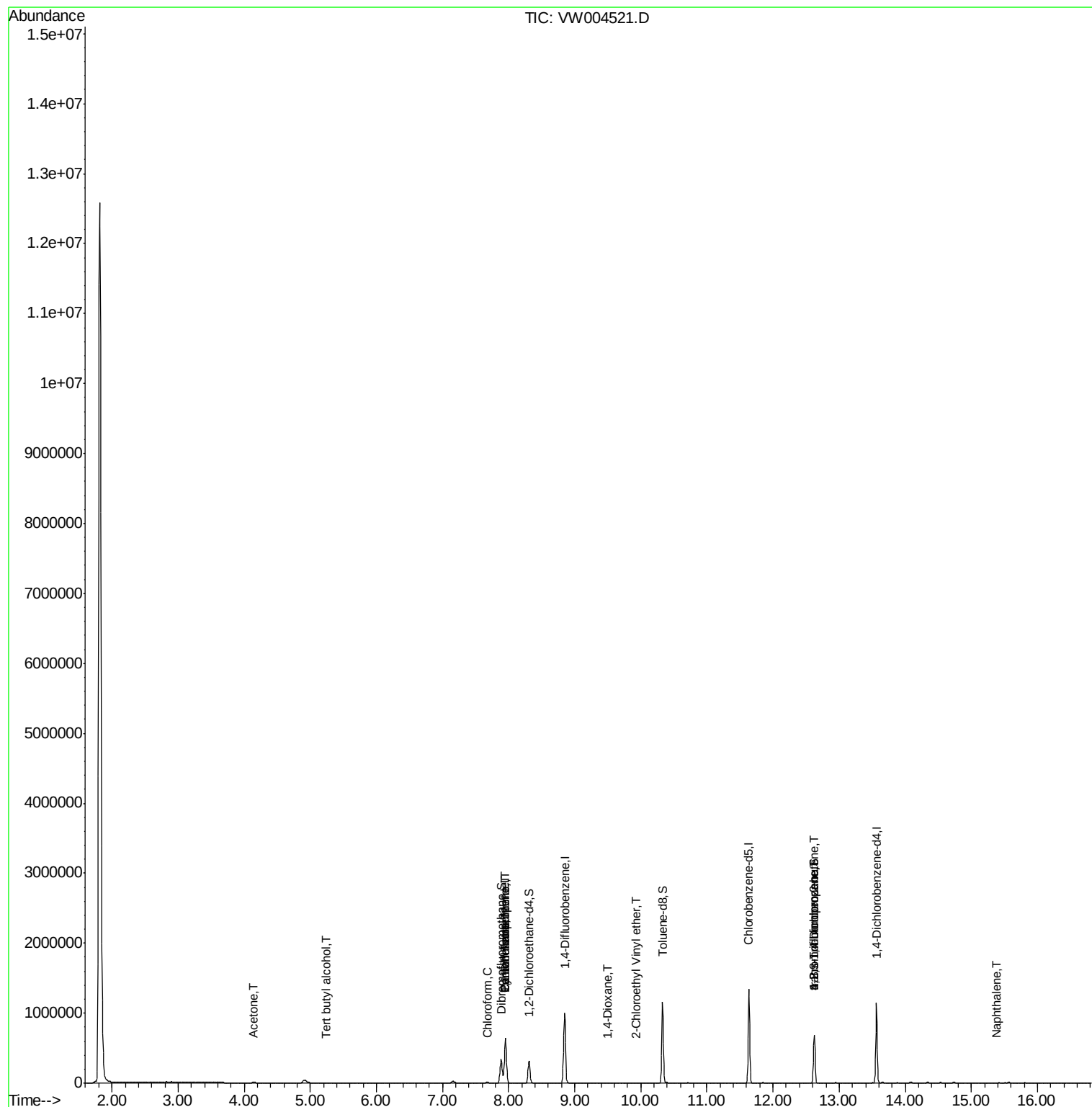
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.23	59	452	1.439	ug/l #	70
16) Acetone	4.14	43	21238	15.850	ug/l	96
20) Methylene Chloride	4.92	84	41572	Below Cal		91
30) Chloroform	7.68	83	11716	1.136	ug/l	98
31) Cyclohexane	7.95	56	10915	1.086	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	38989	4.390	ug/l #	48
38) Carbon Tetrachloride	7.95	117	47151	5.899	ug/l #	17
49) 1,4-Dioxane	9.49	88	70	1.380	ug/l #	89
58) 2-Chloroethyl Vinyl ether	9.93	63	879	9.224	ug/l #	74
76) 1,2,3-Trichloropropane	12.62	75	110869	35.201	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	110869	84.266	ug/l #	13
95) Naphthalene	15.38	128	1251	3.001	ug/l #	80

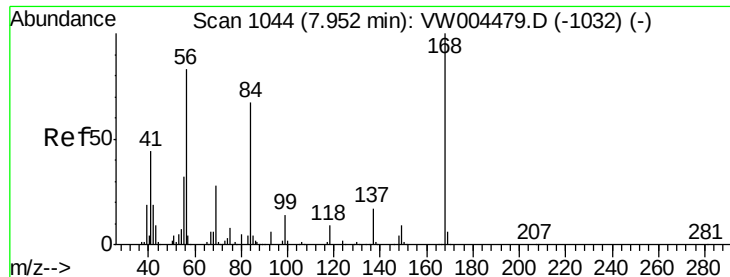
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004521.D

Acq: 08 Aug 2018 04:04

Instrument :

MSVOA_W

ClientSampleId :

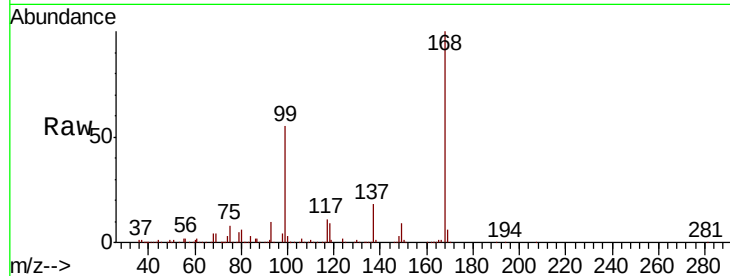
JTY-SB-03-1-2

Tgt Ion:168 Resp: 484693

Ion Ratio Lower Upper

168 100

99 55.4 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

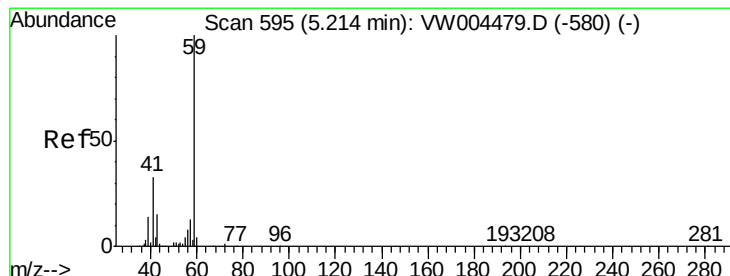
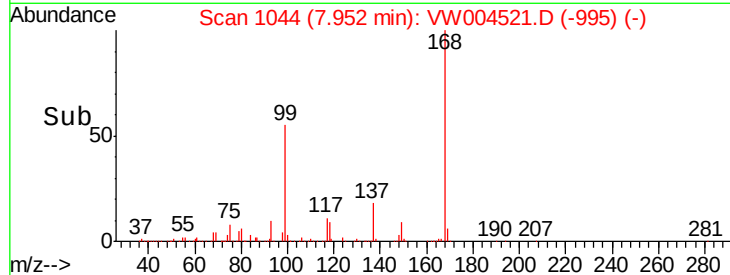
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.439 ug/l

RT: 5.23 min Scan# 598

Delta R.T. 0.02 min

Lab File: VW004521.D

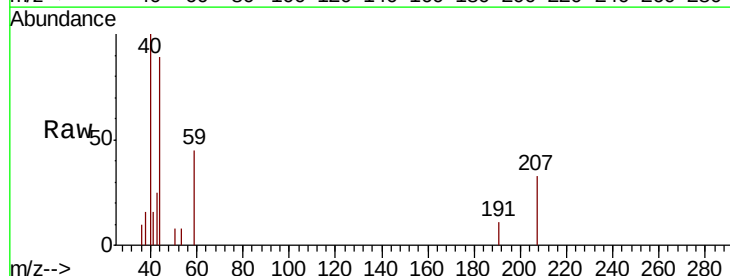
Acq: 08 Aug 2018 04:04

Tgt Ion: 59 Resp: 452

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

5.23

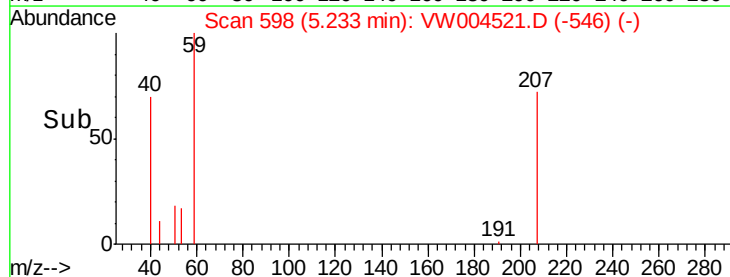
300

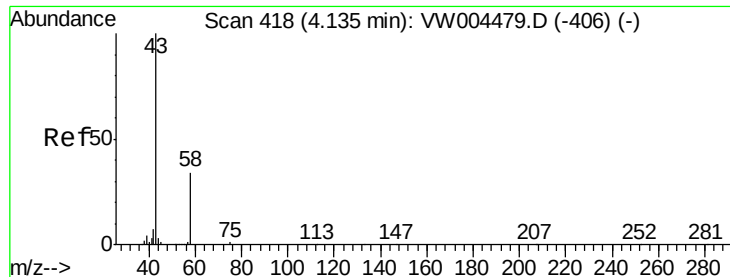
200

100

0

Time-->





#16

Acetone

Concen: 15.850 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW004521.D

Acq: 08 Aug 2018 04:04

Instrument :

MSVOA_W

ClientSampleId :

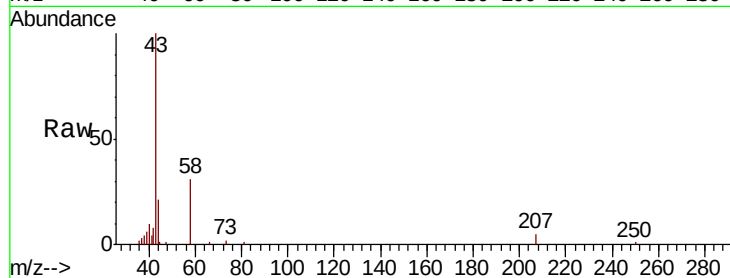
JTY-SB-03-1-2

Tgt Ion: 43 Resp: 21238

Ion Ratio Lower Upper

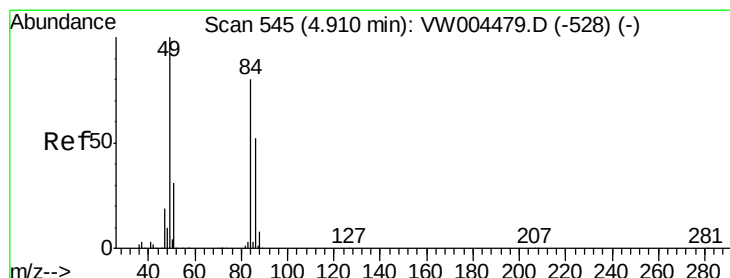
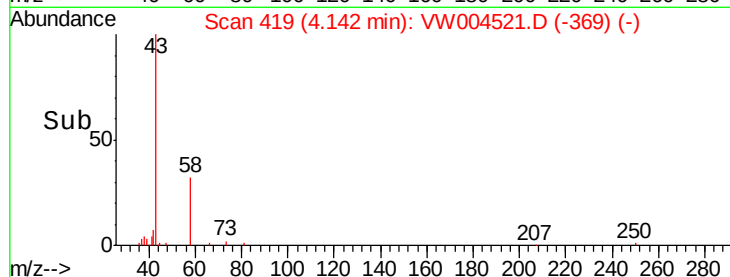
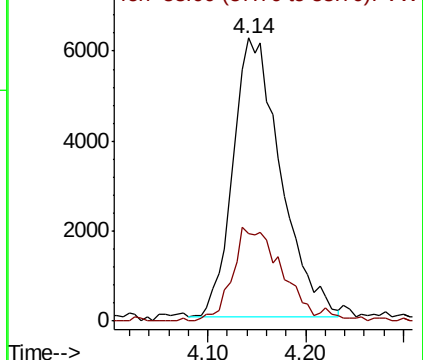
43 100

58 31.5 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW004521.D

Acq: 08 Aug 2018 04:04

Tgt Ion: 84 Resp: 41572

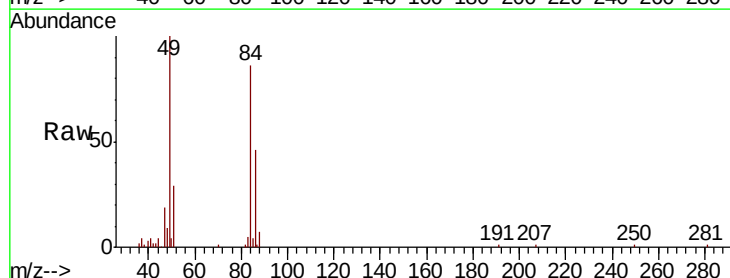
Ion Ratio Lower Upper

84 100

49 116.4 99.6 149.4

51 33.2 31.0 46.4

86 53.7 51.5 77.3

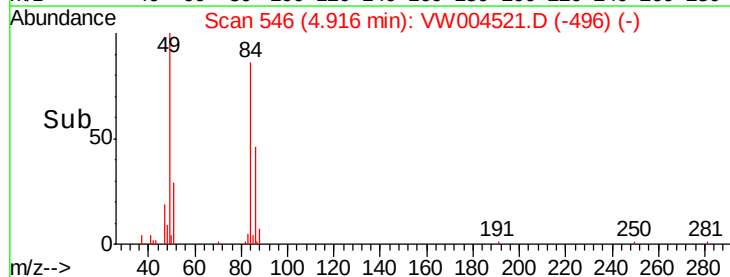
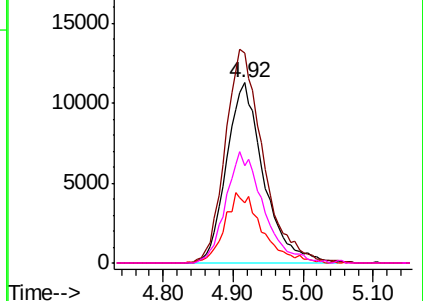


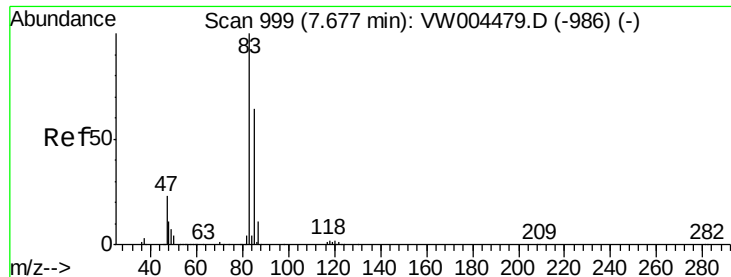
Abundance Ion 83.90 (83.60 to 84.60): VW

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

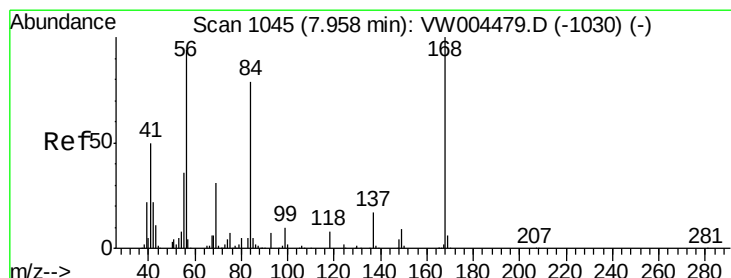
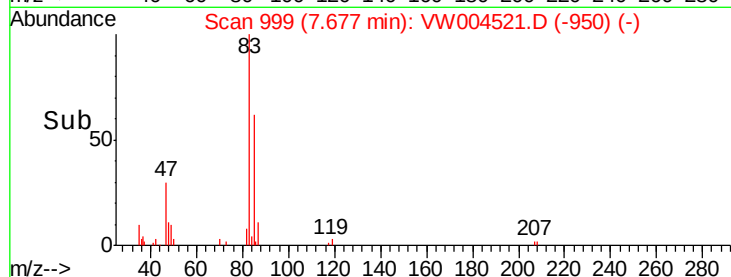
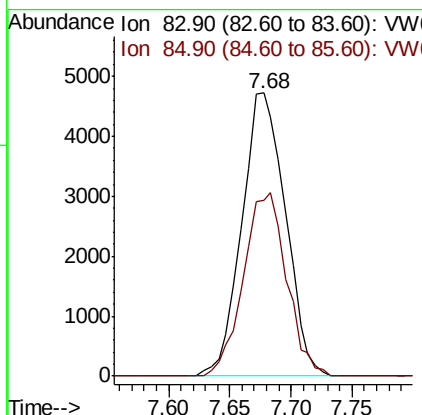
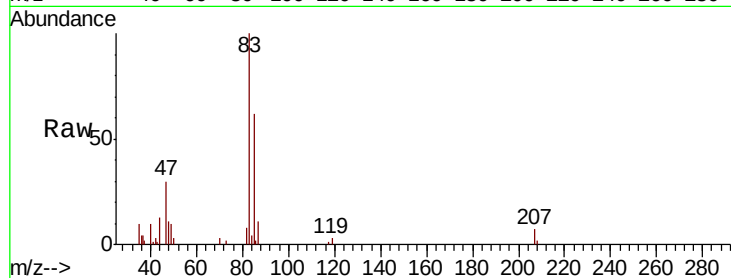




#30
Chloroform
Concen: 1.136 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004521.D
Acq: 08 Aug 2018 04:04

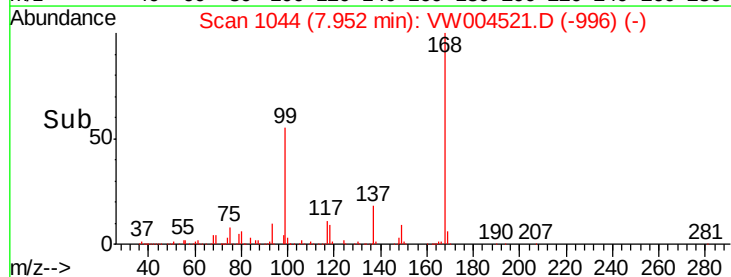
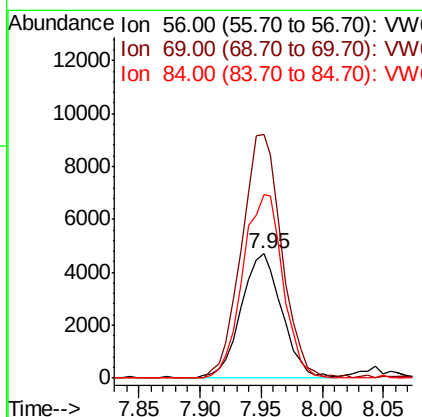
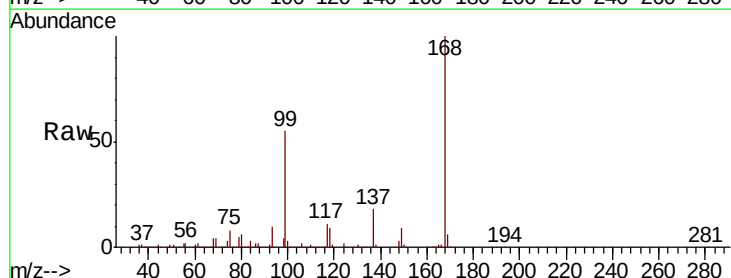
Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-03-1-2

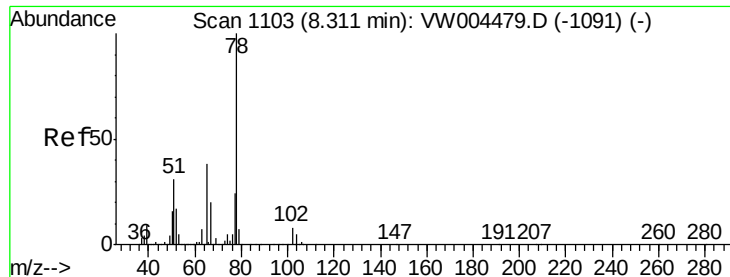
Tgt Ion: 83 Resp: 11716
Ion Ratio Lower Upper
83 100
85 62.2 51.3 76.9



#31
Cyclohexane
Concen: 1.086 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW004521.D
Acq: 08 Aug 2018 04:04

Tgt Ion: 56 Resp: 10915
Ion Ratio Lower Upper
56 100
69 196.1 26.4 39.6#
84 147.5 66.9 100.3#

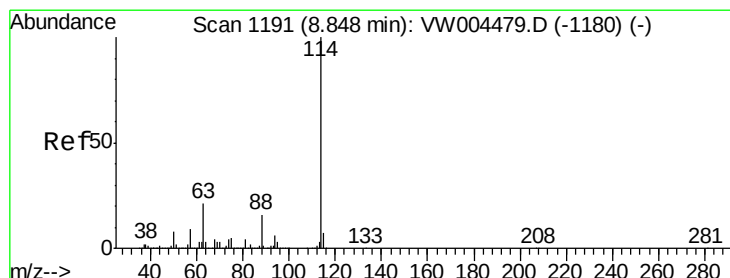
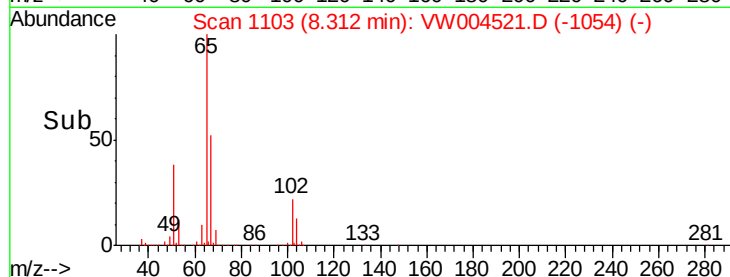
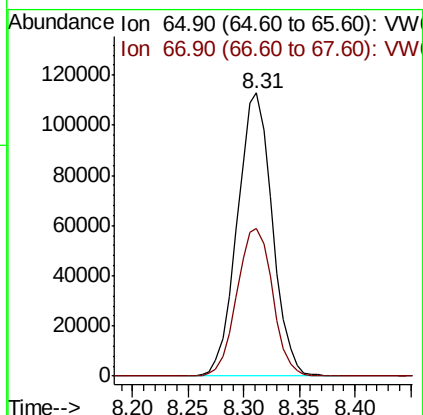
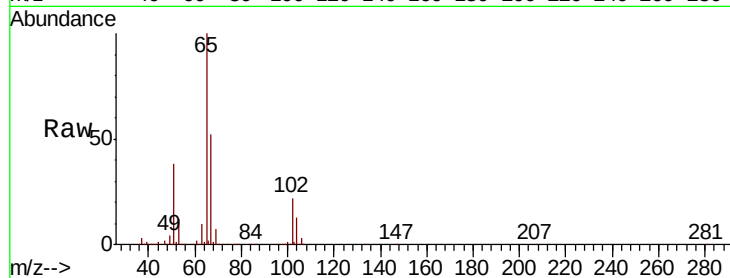




#33
 1,2-Dichloroethane-d4
 Concen: 45.824 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004521.D
 Acq: 08 Aug 2018 04:04

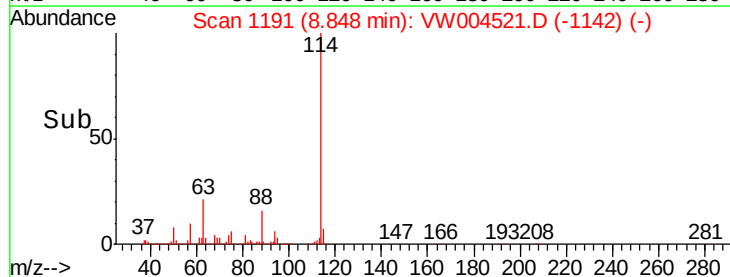
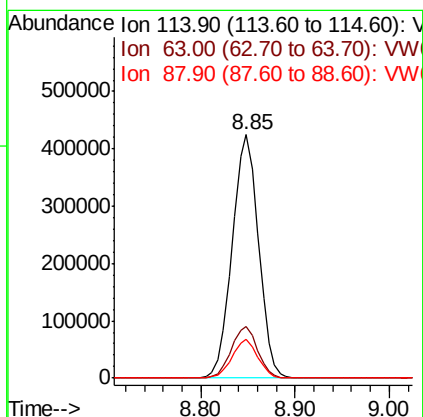
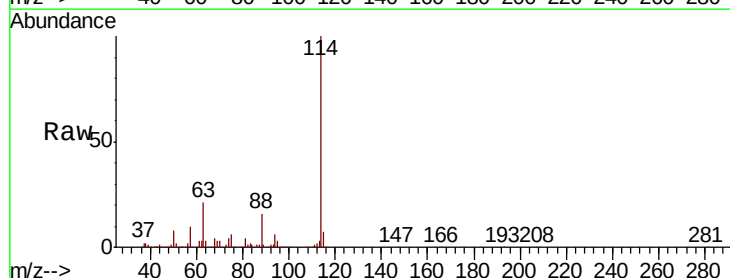
Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-03-1-2

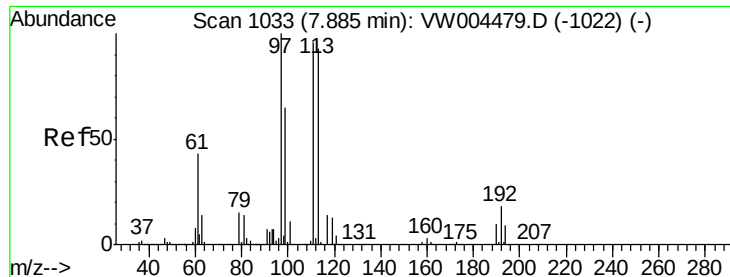
Tgt Ion: 65 Resp: 245863
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004521.D
 Acq: 08 Aug 2018 04:04

Tgt Ion: 114 Resp: 824934
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.4
 88 15.7 0.0 31.2





#35

Dibromofluoromethane

Concen: 45.572 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW004521.D

Acq: 08 Aug 2018 04:04

Instrument :

MSVOA_W

ClientSampled :

JTY-SB-03-1-2

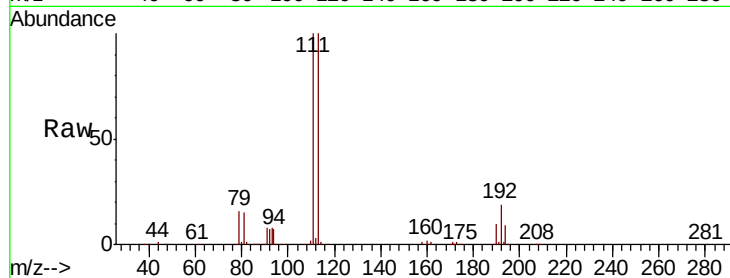
Tgt Ion: 113 Resp: 250663

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

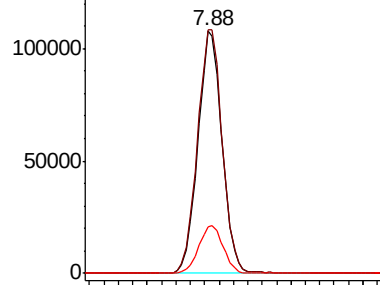
192 19.9 15.8 23.6



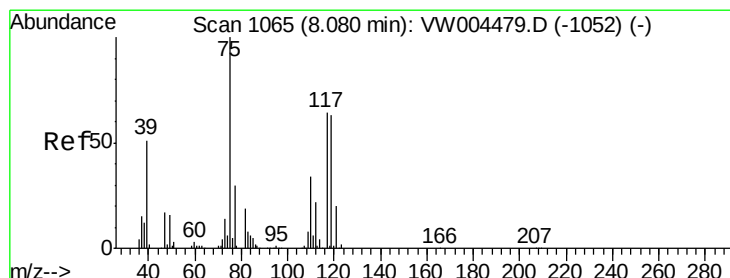
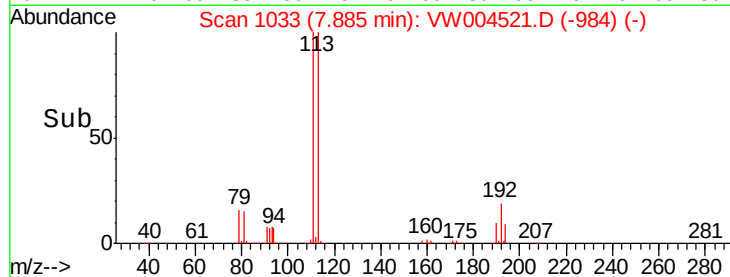
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time-->



#36

1,1-Dichloropropene

Concen: 4.390 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW004521.D

Acq: 08 Aug 2018 04:04

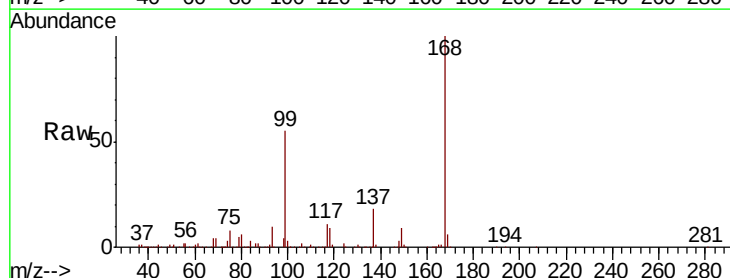
Tgt Ion: 75 Resp: 38989

Ion Ratio Lower Upper

75 100

110 7.4 17.4 52.2#

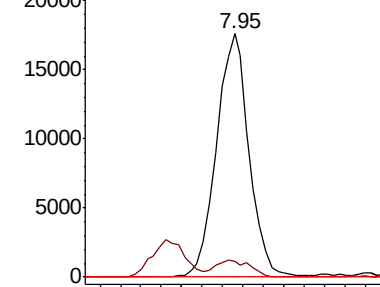
77 0.0 24.7 37.1#



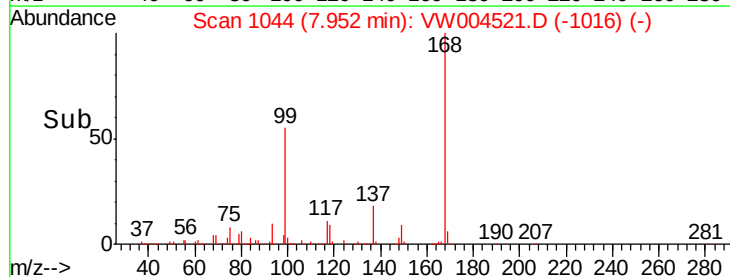
Abundance Ion 74.90 (74.60 to 75.60): VW

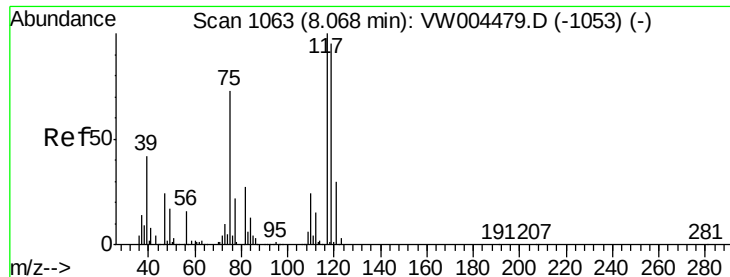
Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW



Time-->

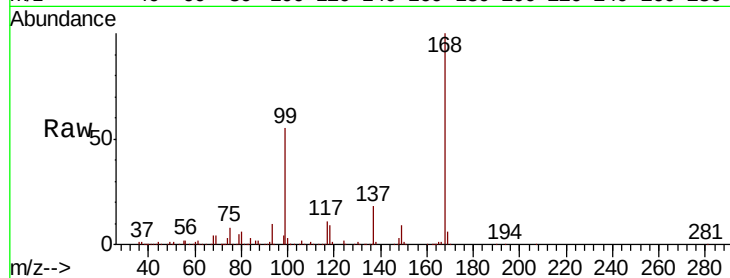




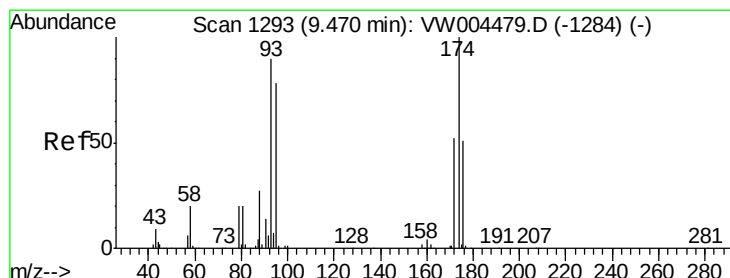
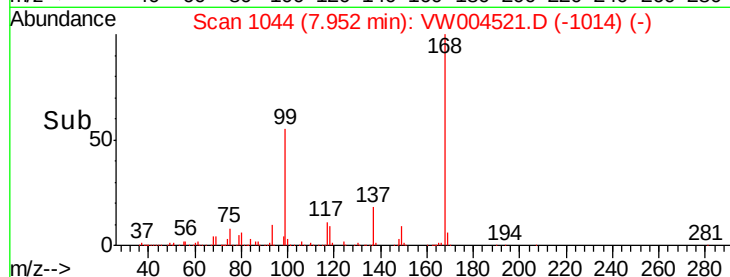
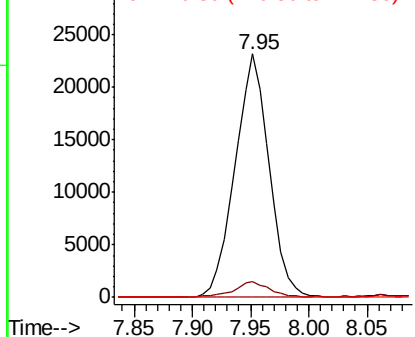
#38
Carbon Tetrachloride
Concen: 5.899 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW004521.D
Acq: 08 Aug 2018 04:04

Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-03-1-2

Tgt Ion:117 Resp: 47151
Ion Ratio Lower Upper
117 100
119 6.3 76.1 114.1#
121 0.0 24.2 36.4#

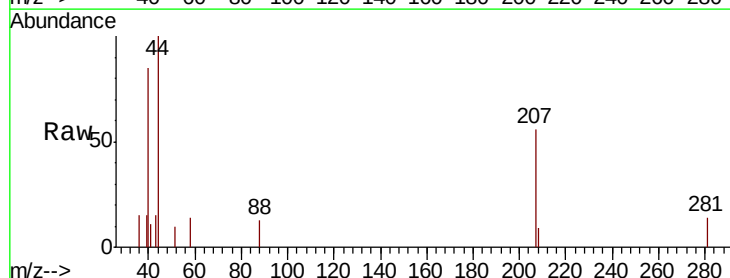


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

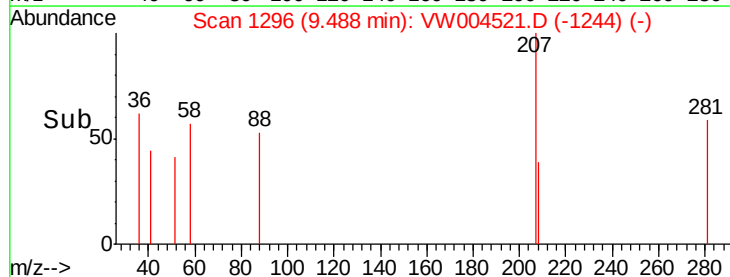
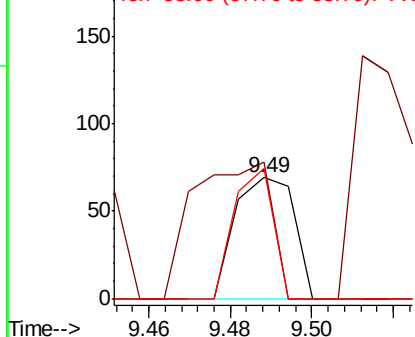


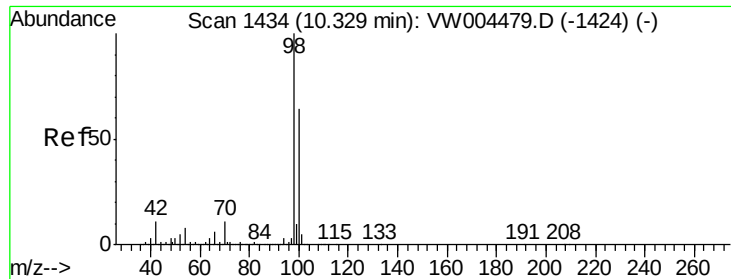
#49
1,4-Dioxane
Concen: 1.380 ug/l
RT: 9.49 min Scan# 1296
Delta R.T. 0.02 min
Lab File: VW004521.D
Acq: 08 Aug 2018 04:04

Tgt Ion: 88 Resp: 70
Ion Ratio Lower Upper
88 100
43 147.1 0.0 0.0#
58 70.0 63.5 95.3



Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 36.818 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004521.D

Acq: 08 Aug 2018 04:04

Instrument :

MSVOA_W

ClientSampleId :

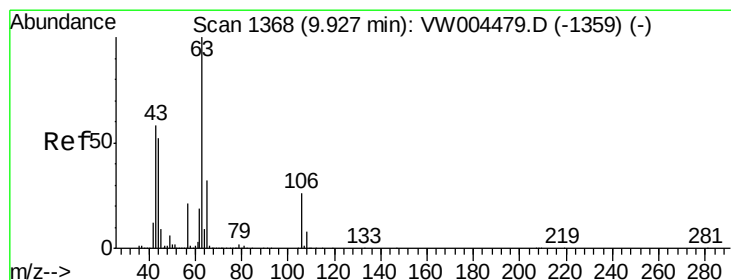
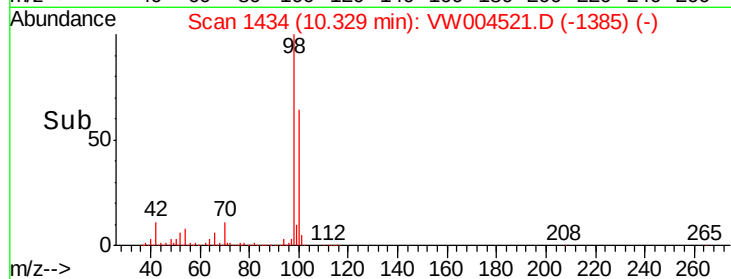
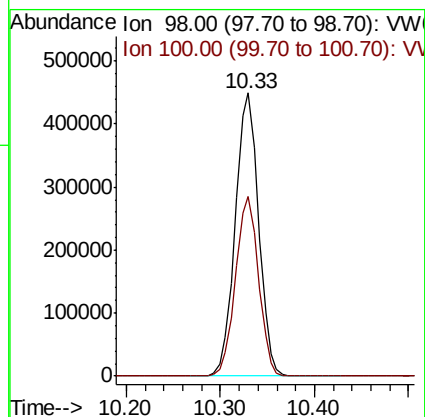
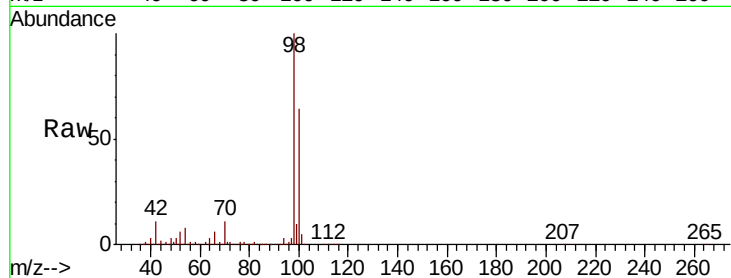
JTY-SB-03-1-2

Tgt Ion: 98 Resp: 772066

Ion Ratio Lower Upper

98 100

100 62.7 51.4 77.2



#58

2-Chloroethyl Vinyl ether

Concen: 9.224 ug/l

RT: 9.93 min Scan# 1369

Delta R.T. 0.01 min

Lab File: VW004521.D

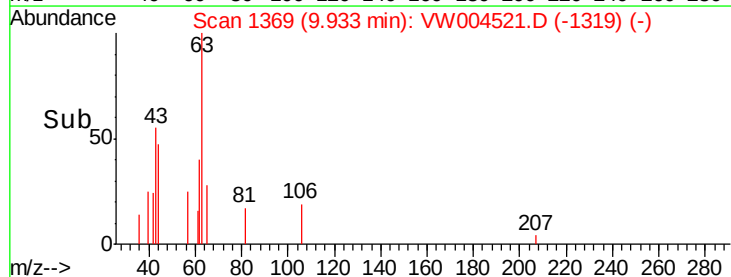
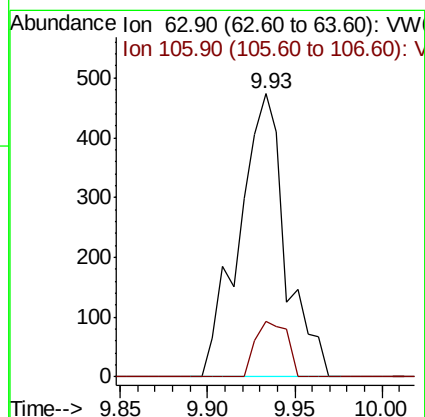
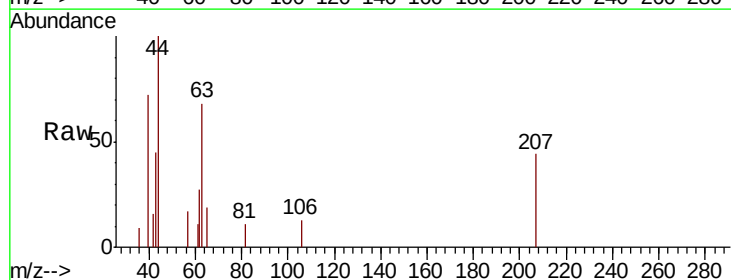
Acq: 08 Aug 2018 04:04

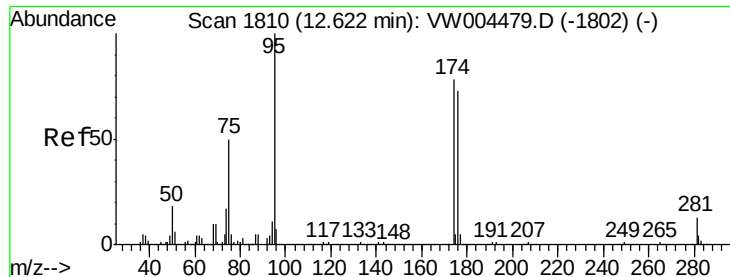
Tgt Ion: 63 Resp: 879

Ion Ratio Lower Upper

63 100

106 13.2 21.3 31.9#

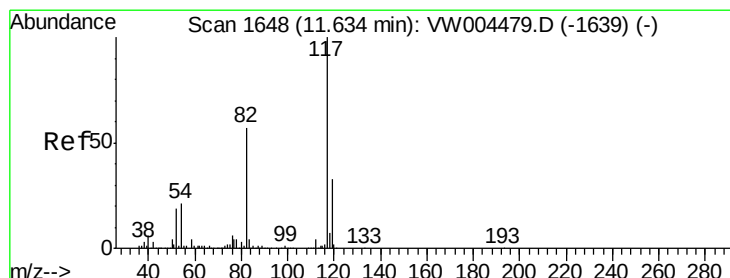
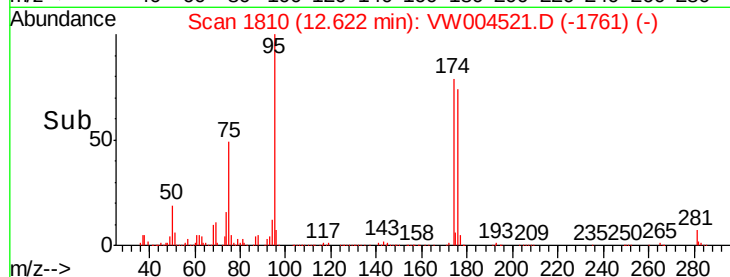
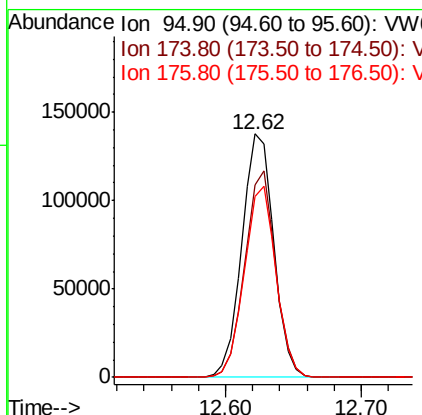
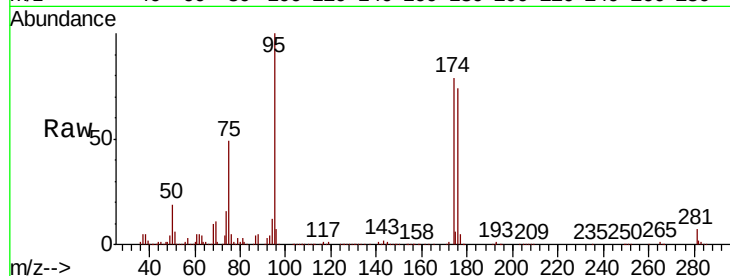




#62
4-Bromofluorobenzene
Concen: 29.862 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW004521.D
Acq: 08 Aug 2018 04:04

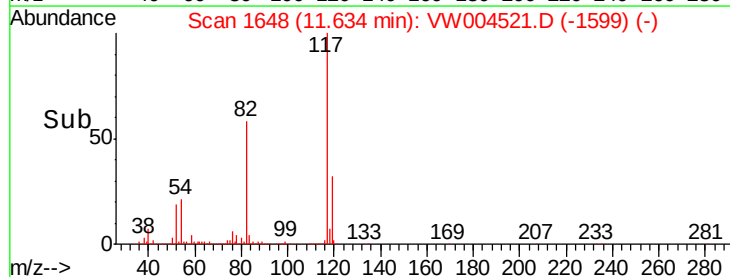
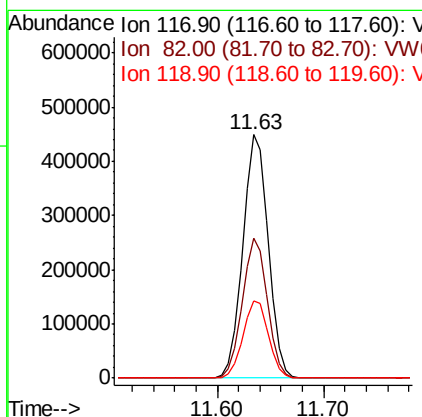
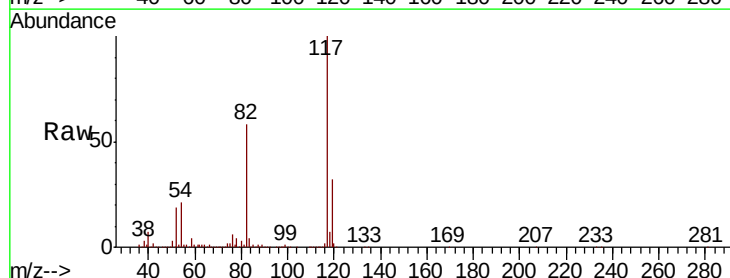
Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-03-1-2

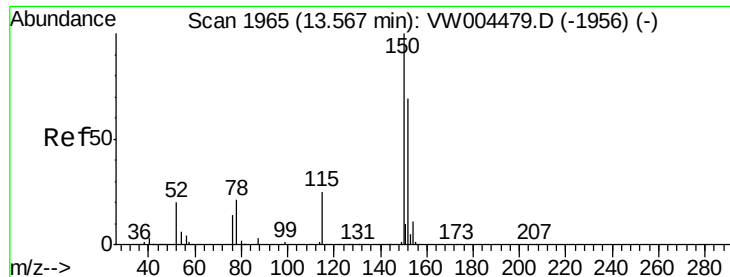
Tgt Ion: 95 Resp: 225562
Ion Ratio Lower Upper
95 100
174 82.2 0.0 160.4
176 78.2 0.0 153.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004521.D
Acq: 08 Aug 2018 04:04

Tgt Ion: 117 Resp: 752644
Ion Ratio Lower Upper
117 100
82 57.7 45.3 67.9
119 31.6 26.2 39.4

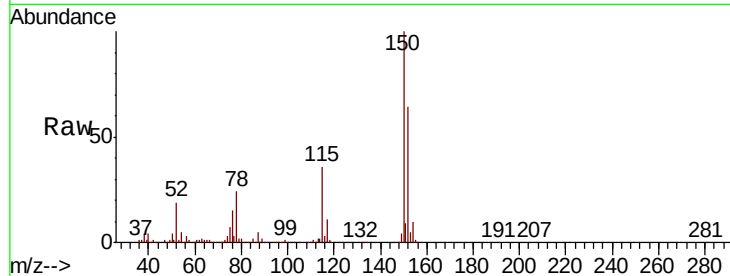




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: VW004521.D
 Acq: 08 Aug 2018 04:04

Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-03-1-2

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.7	29.1	87.3
150	156.6	0.0	349.6

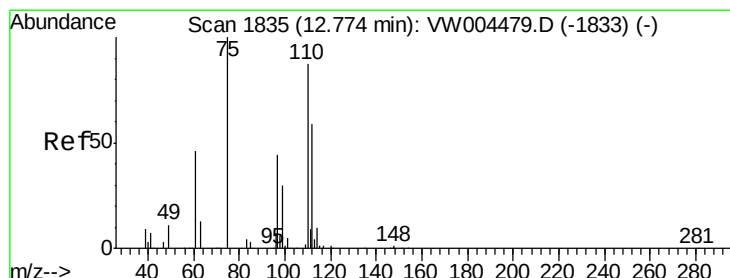
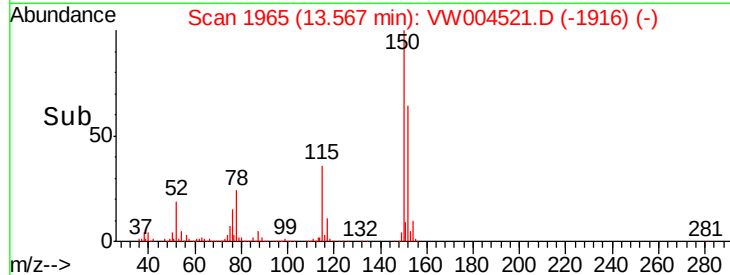
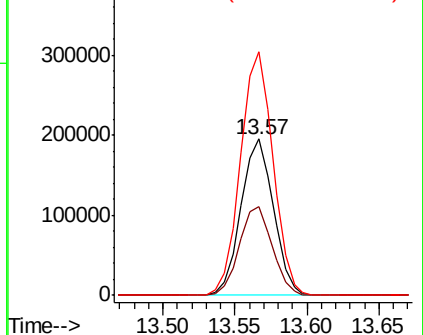


Abundance

Ion 151.90 (151.60 to 152.60): V

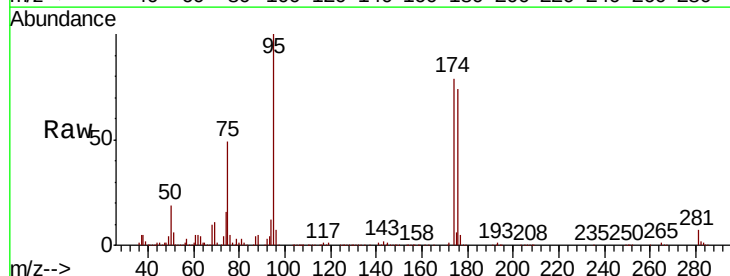
Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76
 1,2,3-Trichloropropane
 Concen: 35.201 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.15 min
 Lab File: VW004521.D
 Acq: 08 Aug 2018 04:04

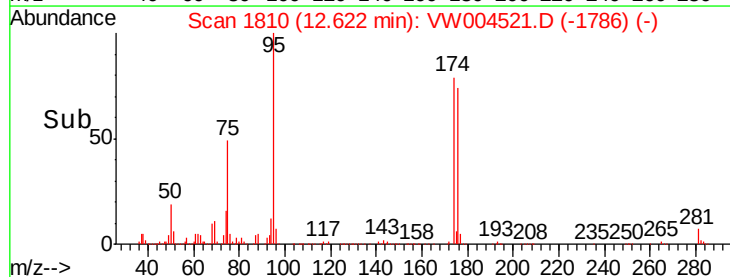
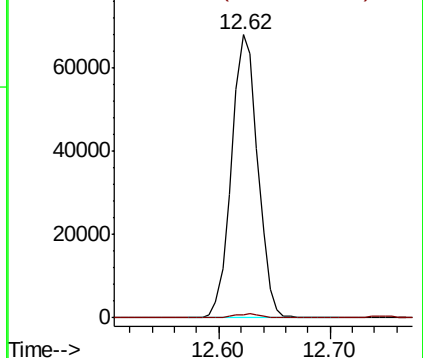
Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#

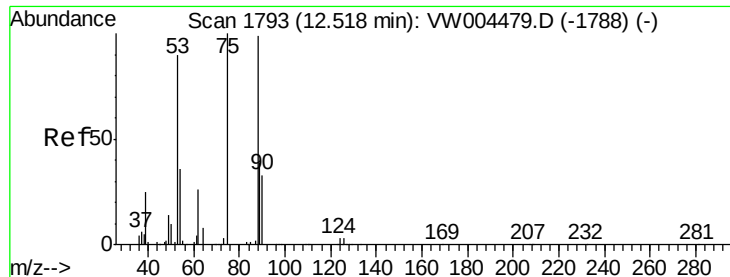


Abundance

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: 84.266 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004521.D

Acq: 08 Aug 2018 04:04

Instrument :

MSVOA_W

ClientSampleId :

JTY-SB-03-1-2

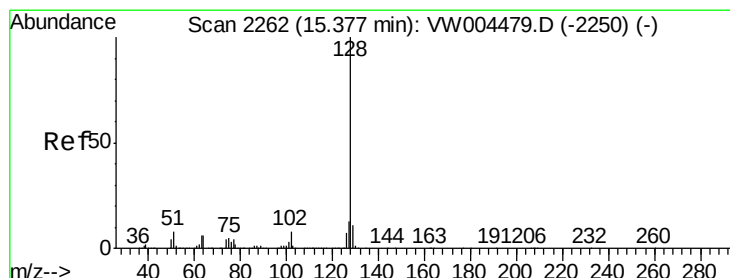
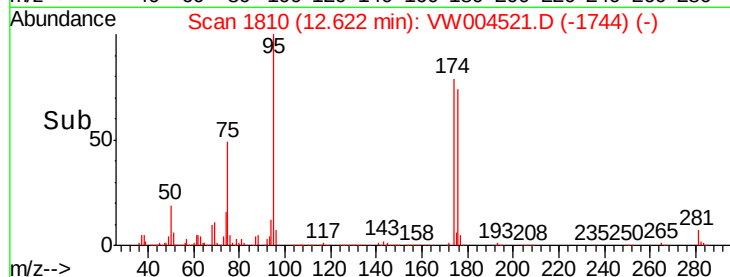
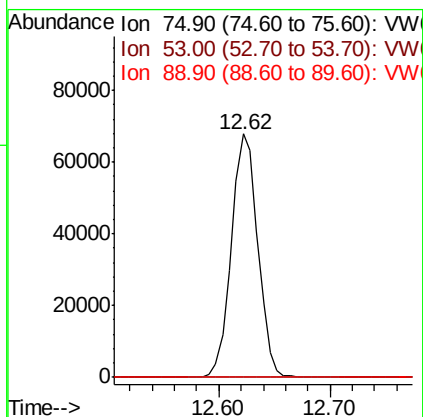
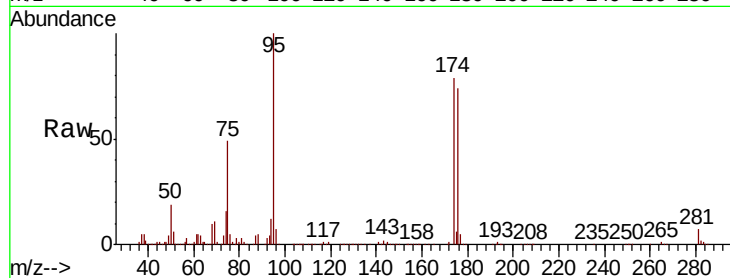
Tgt Ion: 75 Resp: 110869

Ion Ratio Lower Upper

75 100

53 0.4 74.4 111.6#

89 0.0 35.9 53.9#



#95

Naphthalene

Concen: 3.001 ug/l

RT: 15.38 min Scan# 2263

Delta R.T. 0.01 min

Lab File: VW004521.D

Acq: 08 Aug 2018 04:04

Tgt Ion: 128 Resp: 1251

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 12.6 8.6 13.0

