

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081218\
 Data File : VW004581.D
 Acq On : 10 Aug 2018 05:00
 Operator : SY/AP
 Sample : J4382-01
 Misc : 13.60G/5ML/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-05-5-7

Quant Time: Aug 10 07:59:57 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	426013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	692277	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	489672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	153135	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	3143	0.67	ug/l	0.00
Spiked Amount			Recovery	=	1.34%	
35) Dibromofluoromethane	7.88	113	3218	0.70	ug/l	0.00
Spiked Amount			Recovery	=	1.40%	
50) Toluene-d8	10.33	98	7933	0.45	ug/l	0.00
Spiked Amount			Recovery	=	0.90%	
62) 4-Bromofluorobenzene	12.62	95	2401	0.38	ug/l	0.00
Spiked Amount			Recovery	=	0.76%	

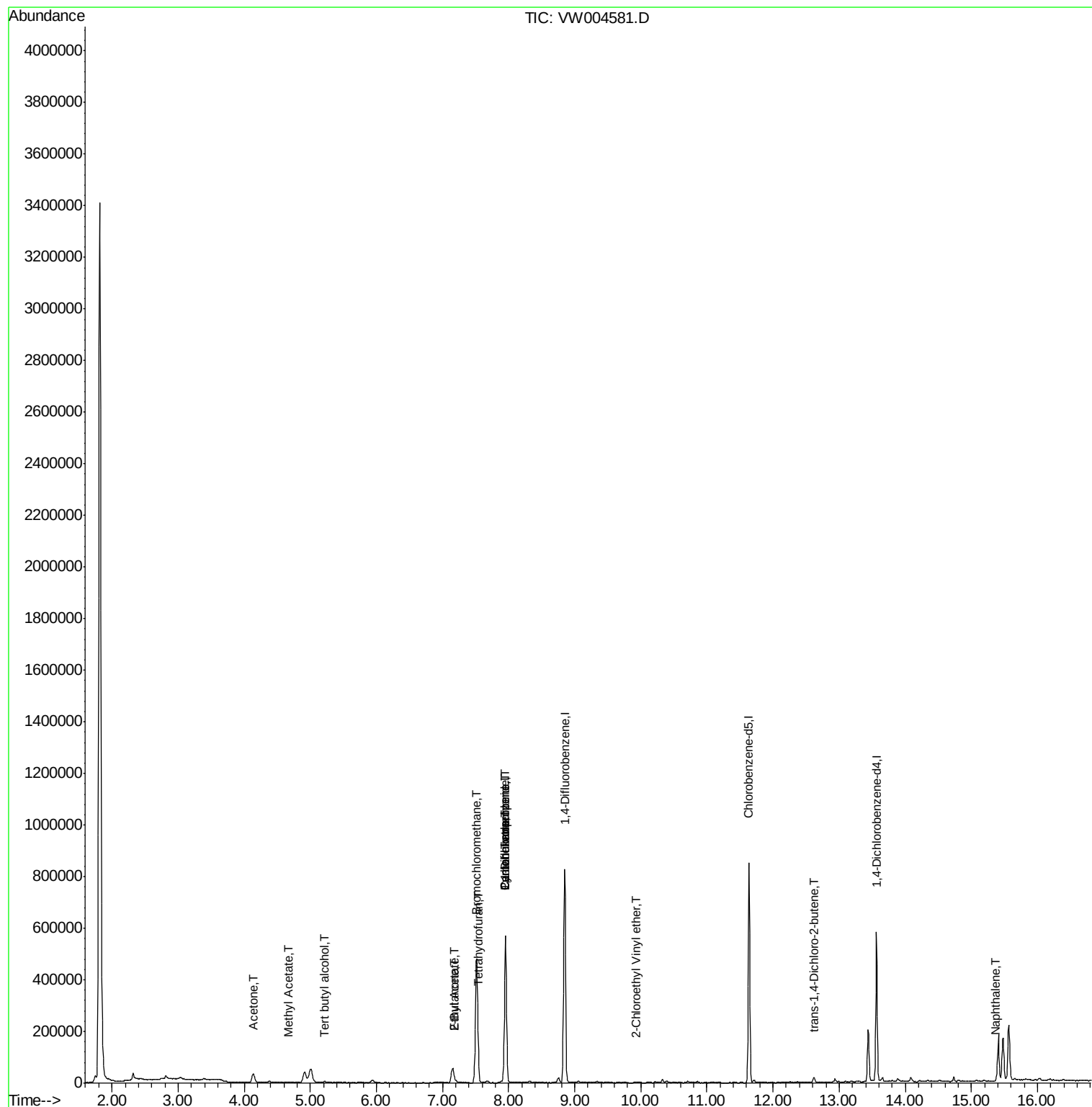
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	6574	23.808	ug/l	96
16) Acetone	4.14	43	60692	51.534	ug/l	99
18) Methyl Acetate	4.68	43	6698	2.281	ug/l #	71
20) Methylene Chloride	4.91	84	33483	Below Cal		99
25) 2-Butanone	7.18	43	13995	7.387	ug/l	90
28) Bromochloromethane	7.51	49	295982	73.681	ug/l	98
29) Tetrahydrofuran	7.54	42	1020	1.041	ug/l #	67
31) Cyclohexane	7.95	56	10050	1.138	ug/l #	2
36) 1,1-Dichloropropene	7.95	75	34284	4.600	ug/l #	49
37) Ethyl Acetate	7.18	43	13995	4.009	ug/l #	68
38) Carbon Tetrachloride	7.95	117	41068	6.123	ug/l #	18
58) 2-Chloroethyl Vinyl ether	9.93	63	404	9.097	ug/l #	78
81) trans-1,4-Dichloro-2-buten	12.62	75	1253	1.893	ug/l #	12
95) Naphthalene	15.37	128	1035	3.057	ug/l #	77

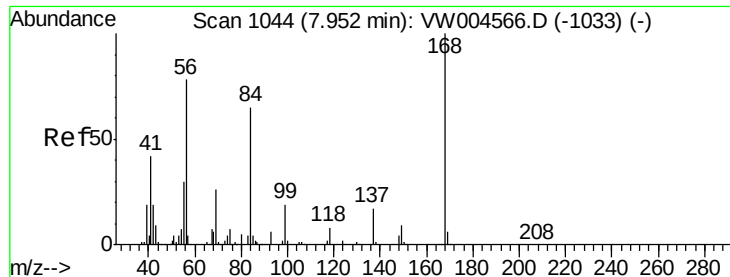
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW004581.D

Acq: 10 Aug 2018 05:00

Instrument :

MSVOA_W

ClientSampleId :

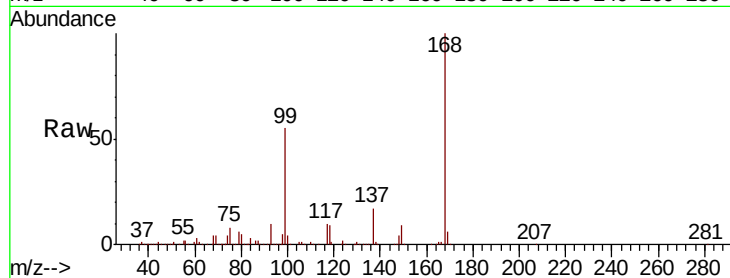
JTY-SB-05-5-7

Tgt Ion:168 Resp: 426013

Ion Ratio Lower Upper

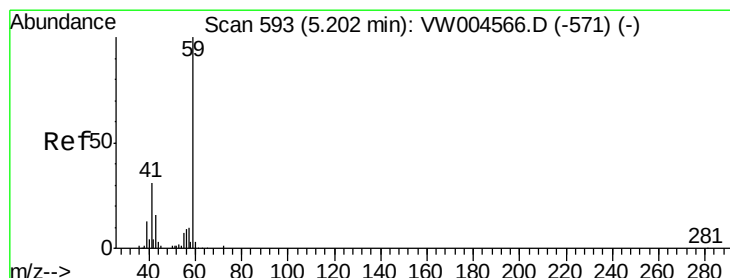
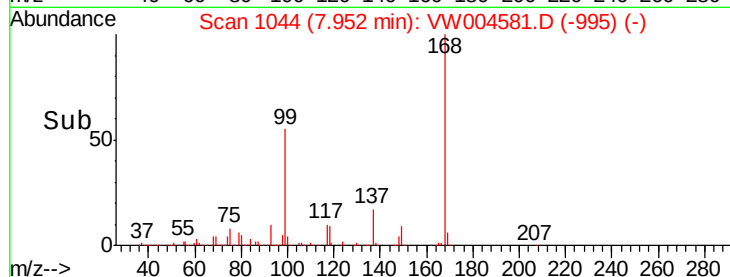
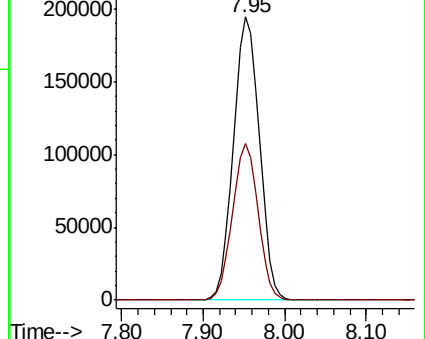
168 100

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: 23.808 ug/l

RT: 5.21 min Scan# 594

Delta R.T. -0.01 min

Lab File: VW004581.D

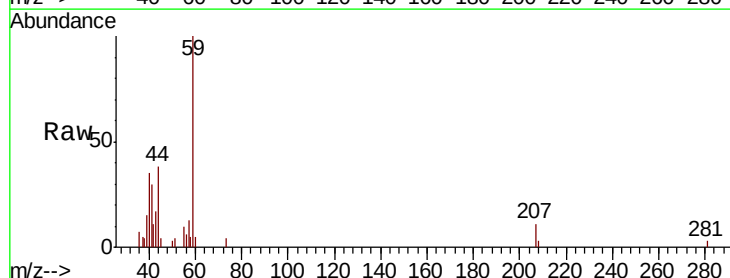
Acq: 10 Aug 2018 05:00

Tgt Ion: 59 Resp: 6574

Ion Ratio Lower Upper

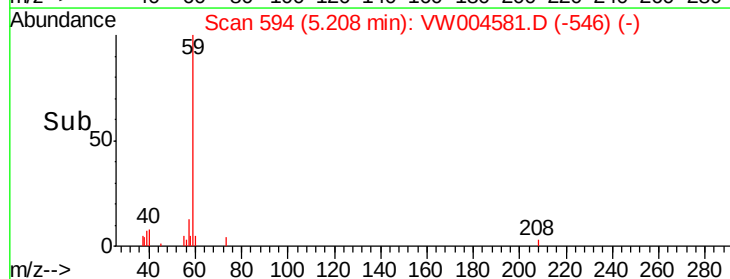
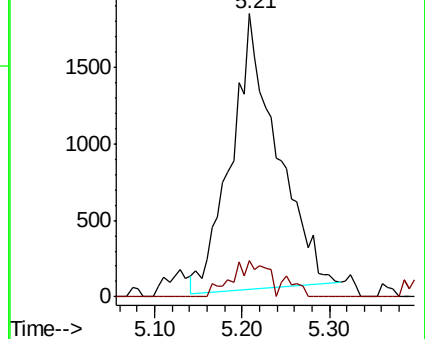
59 100

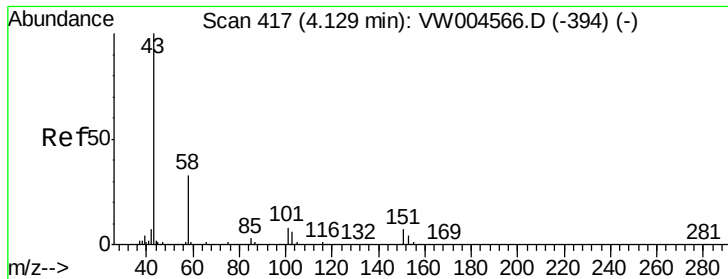
57 10.0 9.1 13.7



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

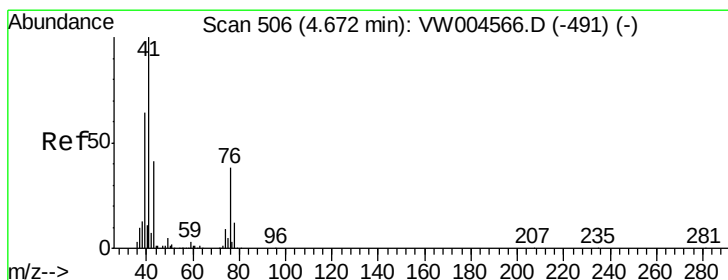
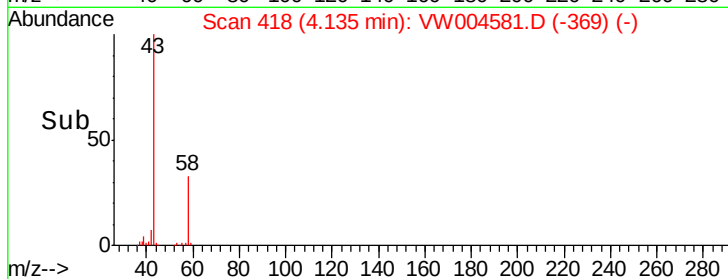
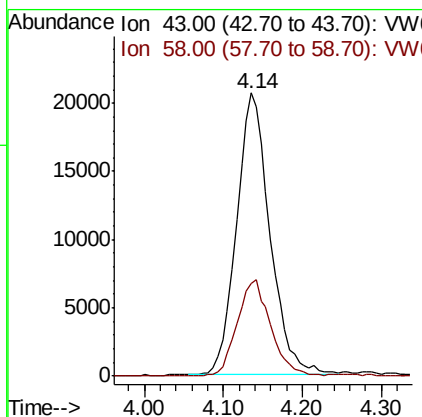
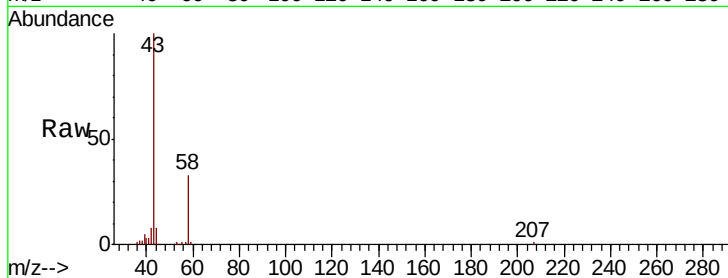




#16
Acetone
Concen: 51.534 ug/l
RT: 4.14 min Scan# 418
Delta R.T. 0.00 min
Lab File: VW004581.D
Acq: 10 Aug 2018 05:00

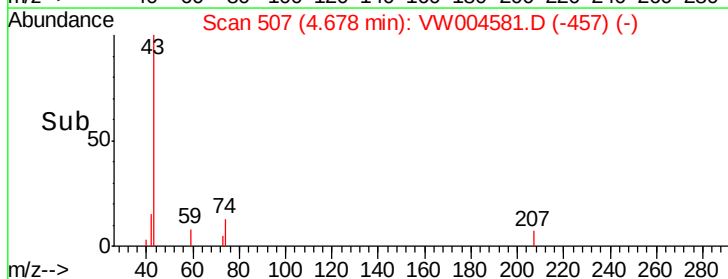
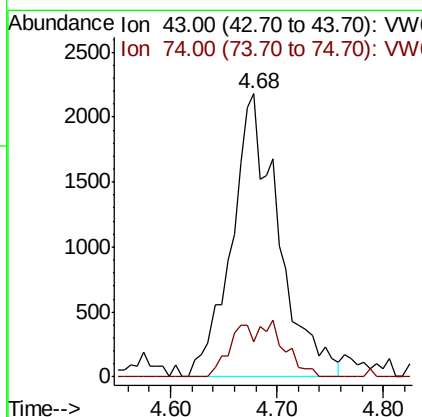
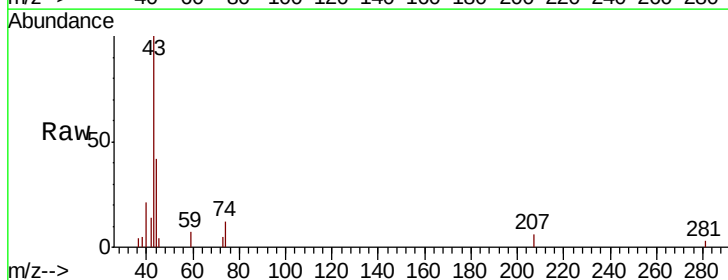
Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-05-5-7

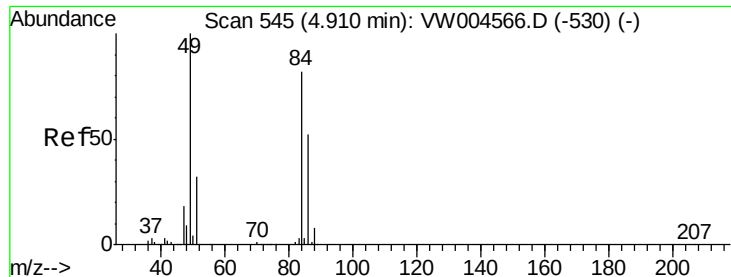
Tgt Ion: 43 Resp: 60692
Ion Ratio Lower Upper
43 100
58 33.1 26.8 40.2



#18
Methyl Acetate
Concen: 2.281 ug/l
RT: 4.68 min Scan# 507
Delta R.T. 0.01 min
Lab File: VW004581.D
Acq: 10 Aug 2018 05:00

Tgt Ion: 43 Resp: 6698
Ion Ratio Lower Upper
43 100
74 9.8 19.1 28.7#

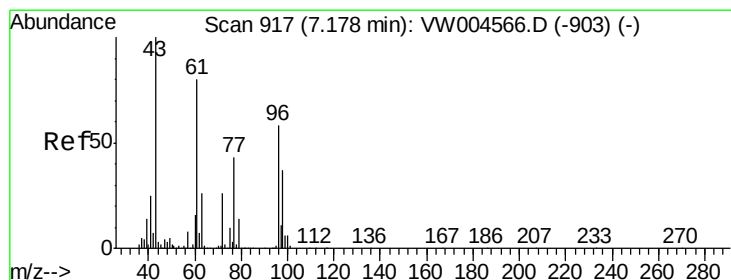
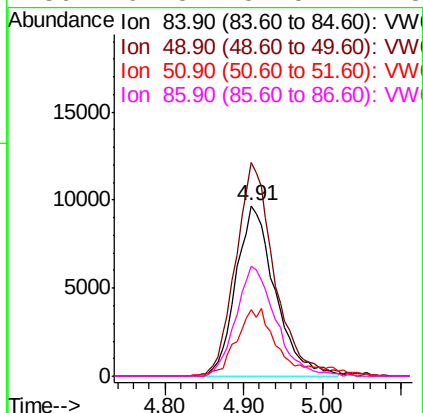
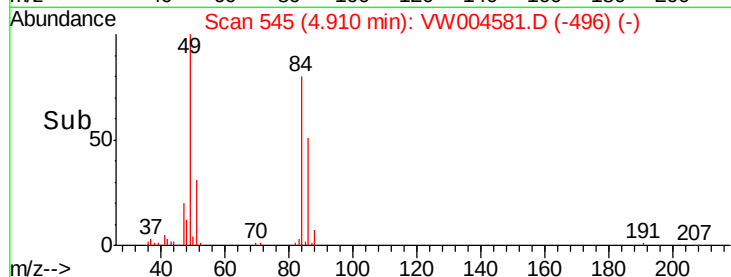
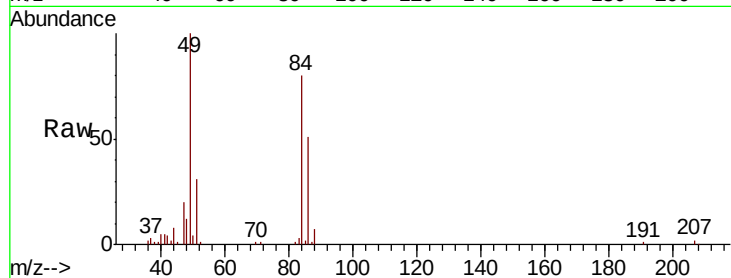




#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004581.D
Acq: 10 Aug 2018 05:00

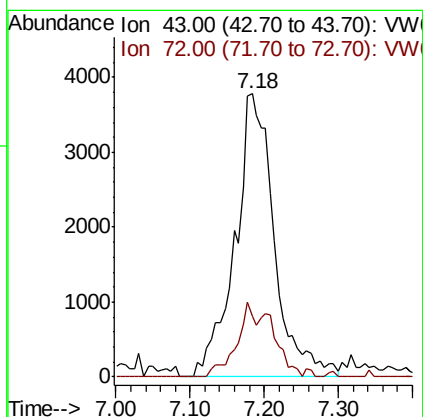
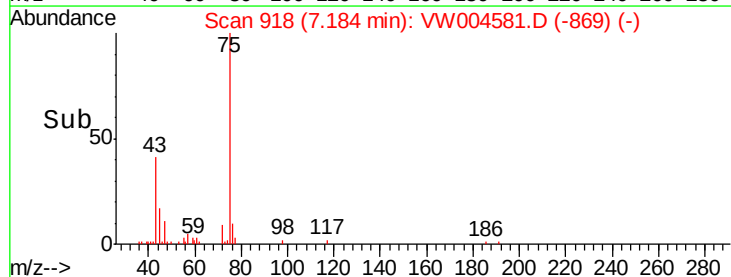
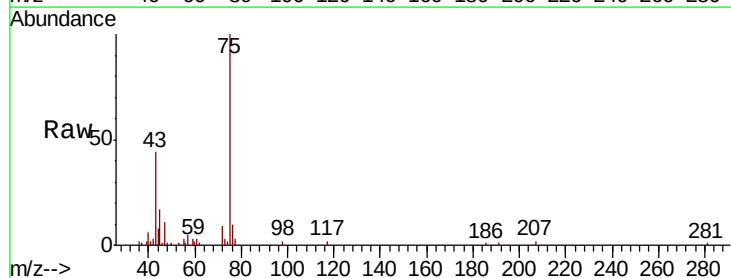
Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-05-5-7

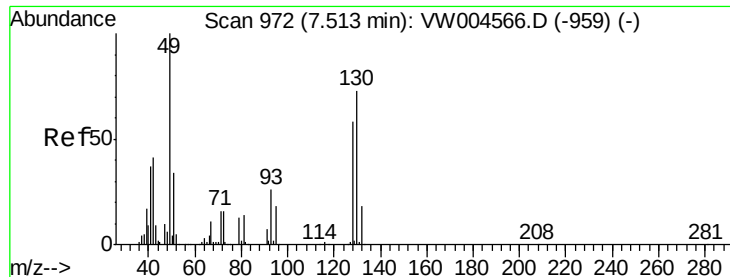
Tgt Ion: 84 Resp: 33483
Ion Ratio Lower Upper
84 100
49 125.3 99.6 149.4
51 39.4 31.0 46.4
86 64.3 51.5 77.3



#25
2-Butanone
Concen: 7.387 ug/l
RT: 7.18 min Scan# 918
Delta R.T. 0.00 min
Lab File: VW004581.D
Acq: 10 Aug 2018 05:00

Tgt Ion: 43 Resp: 13995
Ion Ratio Lower Upper
43 100
72 21.4 21.0 31.6

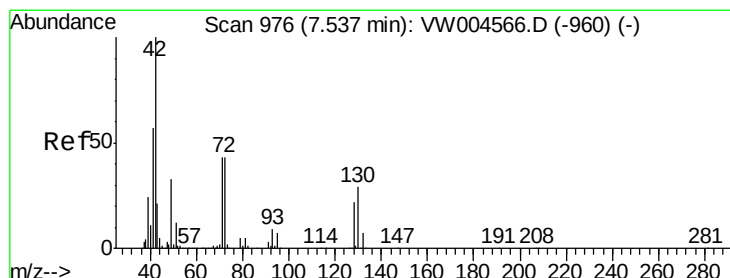
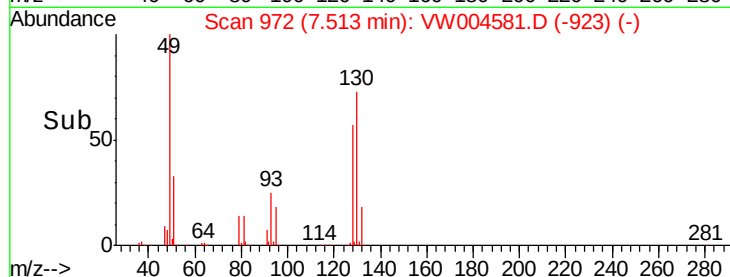
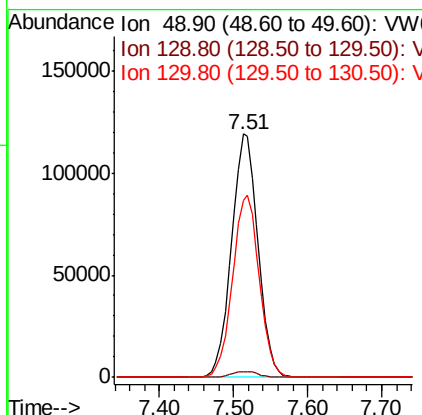
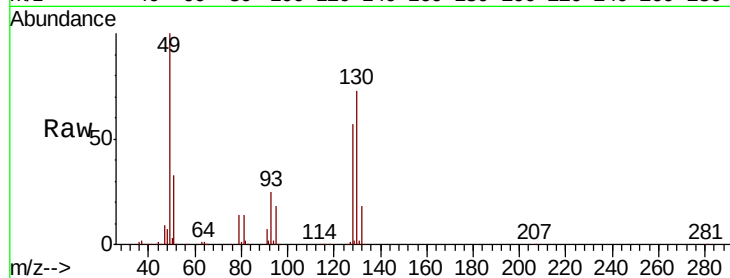




#28
Bromochloromethane
Concen: 73.681 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW004581.D
Acq: 10 Aug 2018 05:00

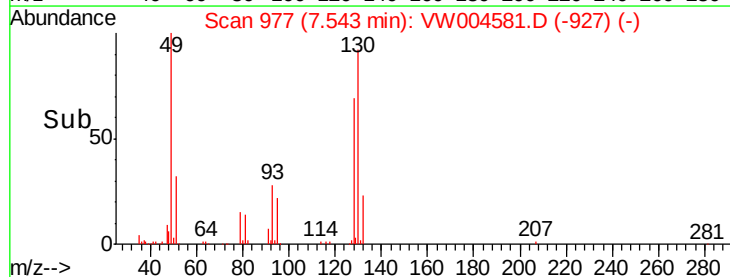
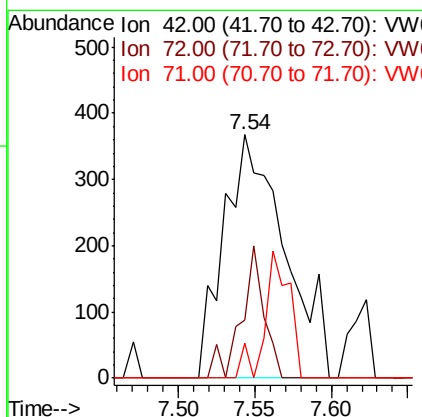
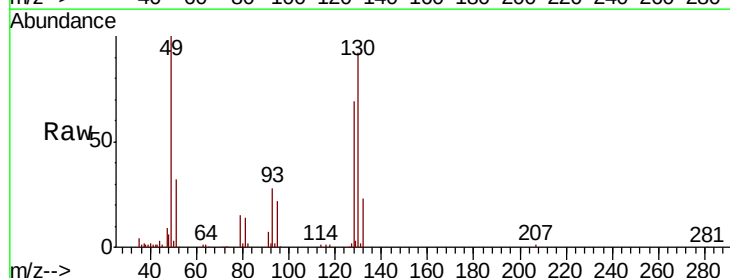
Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-05-5-7

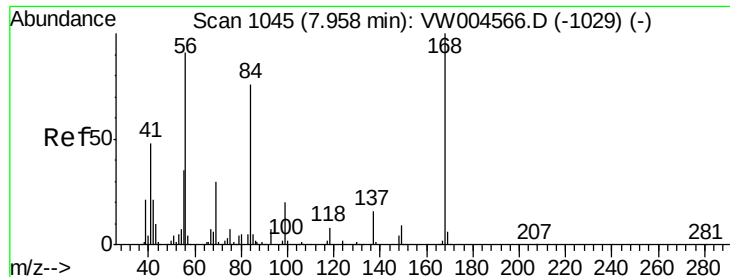
Tgt Ion: 49 Resp: 295982
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.0
130 75.6 58.8 88.2



#29
Tetrahydrofuran
Concen: 1.041 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW004581.D
Acq: 10 Aug 2018 05:00

Tgt Ion: 42 Resp: 1020
Ion Ratio Lower Upper
42 100
72 20.0 34.1 51.1#
71 21.2 32.5 48.7#

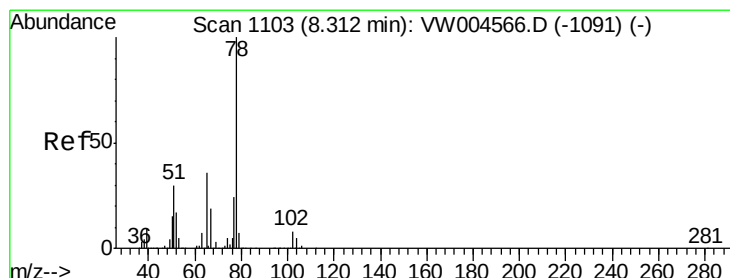
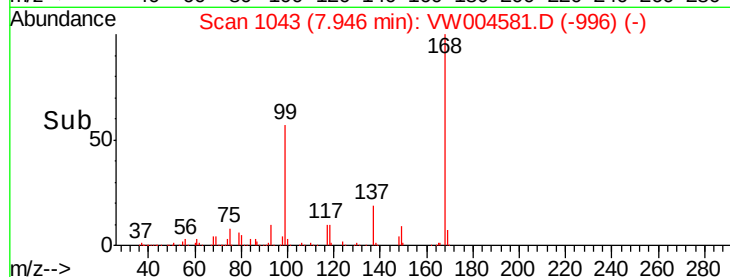
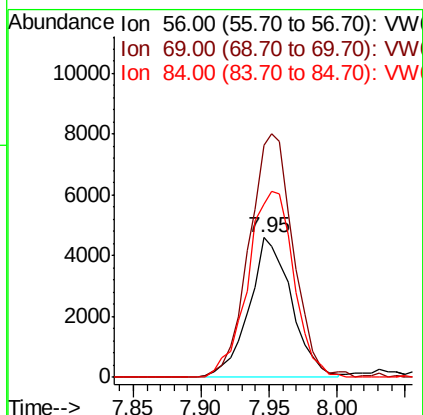
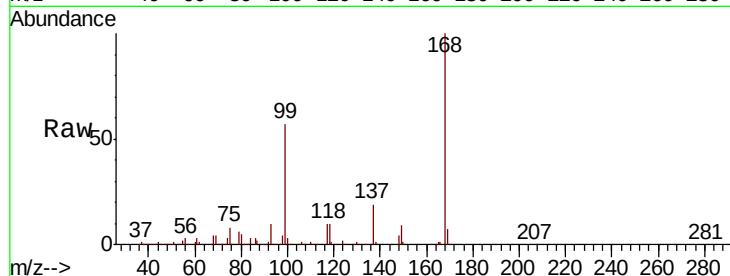




#31
Cyclohexane
Concen: 1.138 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW004581.D
Acq: 10 Aug 2018 05:00

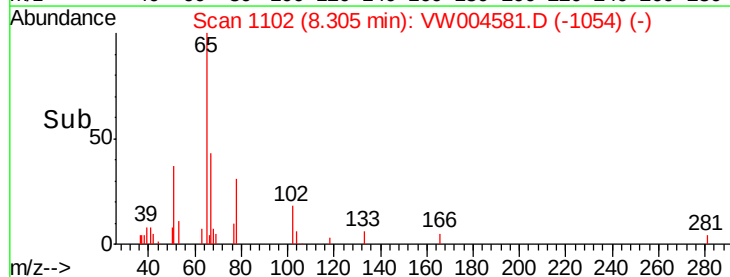
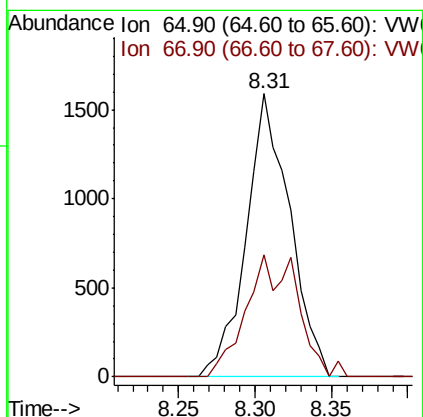
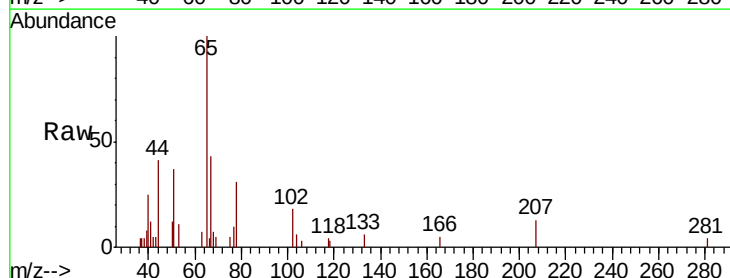
Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-05-5-7

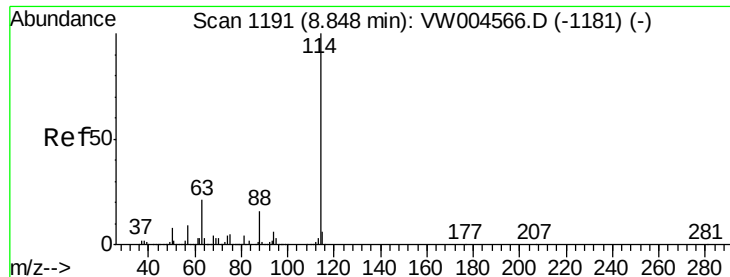
Tgt Ion: 56 Resp: 10050
Ion Ratio Lower Upper
56 100
69 165.6 26.4 39.6#
84 123.9 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 0.666 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. -0.01 min
Lab File: VW004581.D
Acq: 10 Aug 2018 05:00

Tgt Ion: 65 Resp: 3143
Ion Ratio Lower Upper
65 100
67 50.9 0.0 109.0

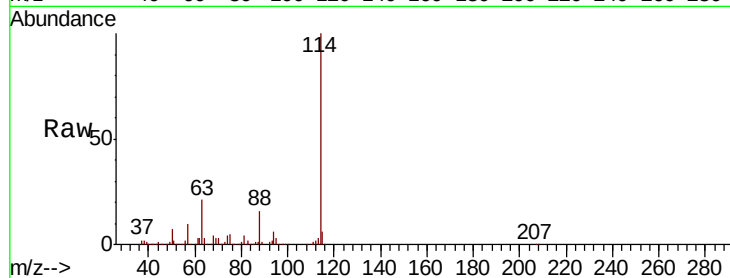




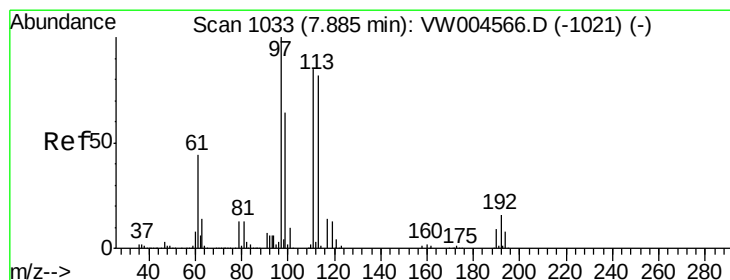
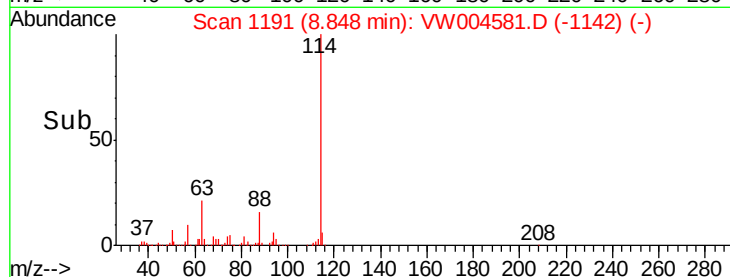
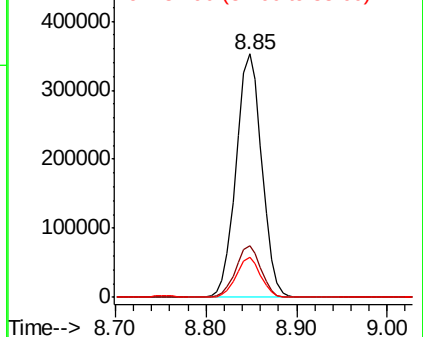
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004581.D
 Acq: 10 Aug 2018 05:00

Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-05-5-7

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	42.4
88	16.3	0.0	31.2

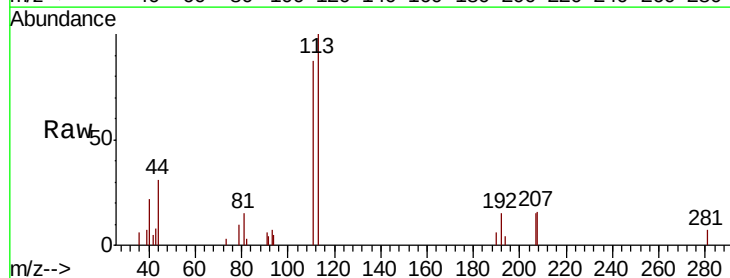


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

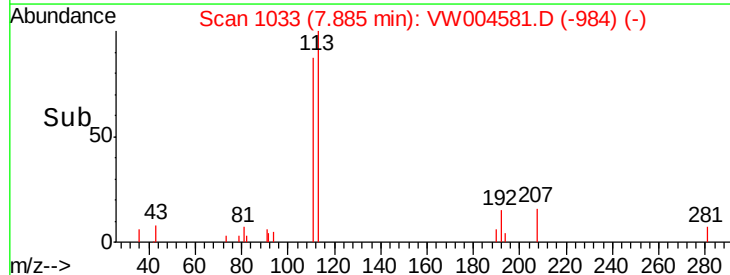
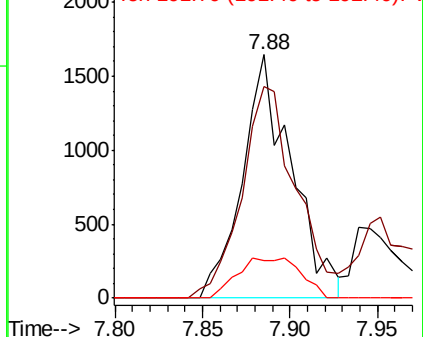


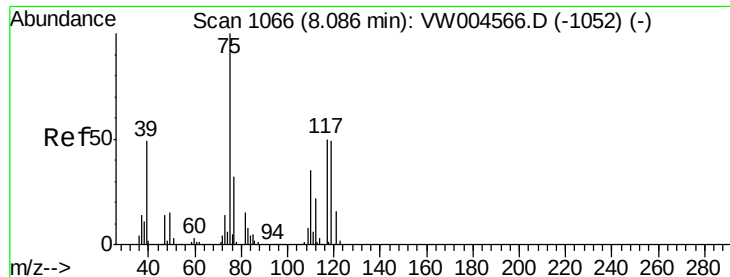
#35
 Dibromofluoromethane
 Concen: 0.697 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004581.D
 Acq: 10 Aug 2018 05:00

Tgt Ion	Ratio	Lower	Upper
113	100		
111	96.2	82.9	124.3
192	21.1	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: 4.600 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW004581.D

Acq: 10 Aug 2018 05:00

Instrument :

MSVOA_W

ClientSampleId :

JTY-SB-05-5-7

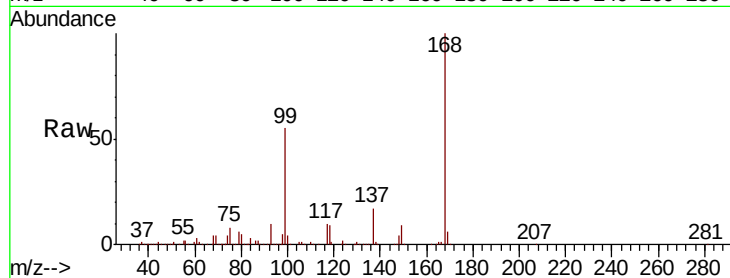
Tgt Ion: 75 Resp: 34284

Ion Ratio Lower Upper

75 100

110 8.4 17.4 52.2#

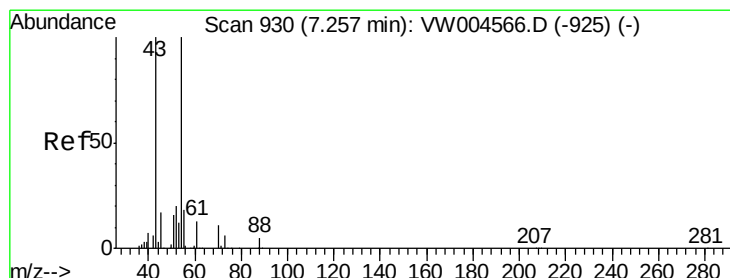
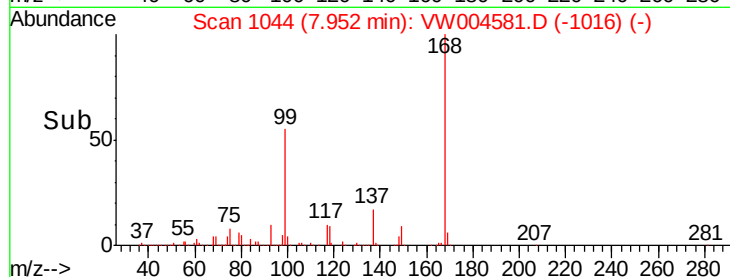
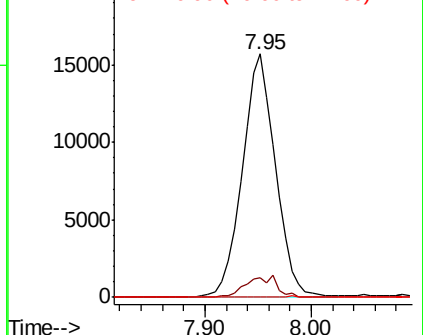
77 0.0 24.7 37.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): VW

Ion 76.90 (76.60 to 77.60): VW



#37

Ethyl Acetate

Concen: 4.009 ug/l

RT: 7.18 min Scan# 918

Delta R.T. -0.07 min

Lab File: VW004581.D

Acq: 10 Aug 2018 05:00

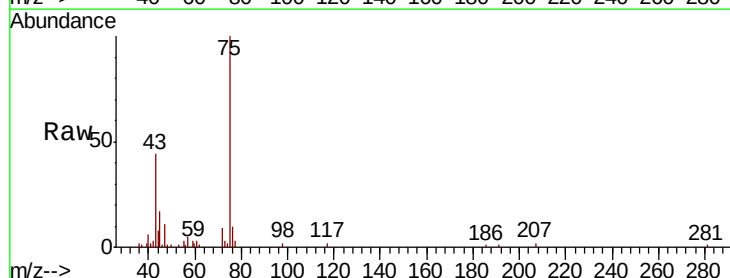
Tgt Ion: 43 Resp: 13995

Ion Ratio Lower Upper

43 100

61 0.0 11.9 17.9#

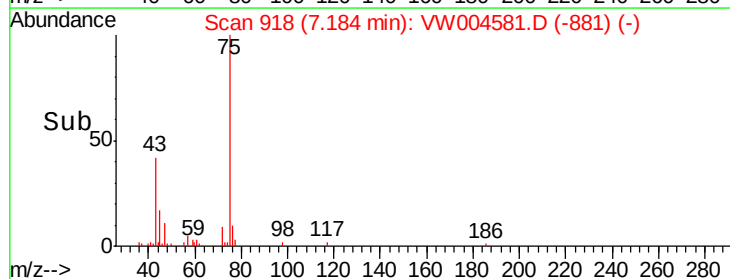
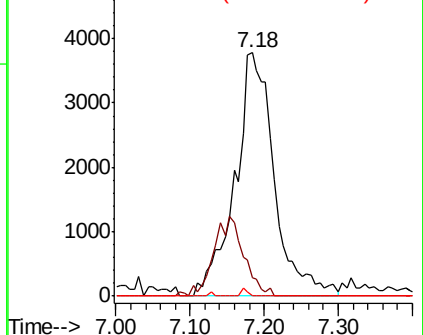
70 0.5 8.2 12.4#

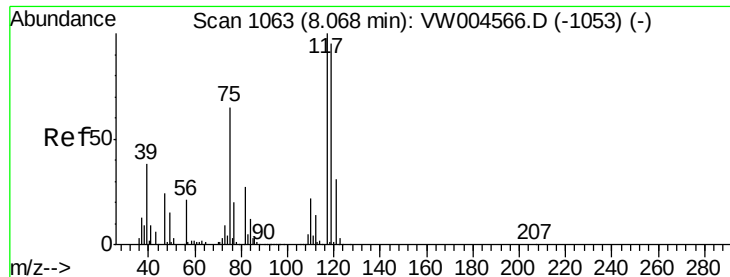


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW





#38

Carbon Tetrachloride

Concen: 6.123 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004581.D

Acq: 10 Aug 2018 05:00

Instrument :

MSVOA_W

ClientSampleId :

JTY-SB-05-5-7

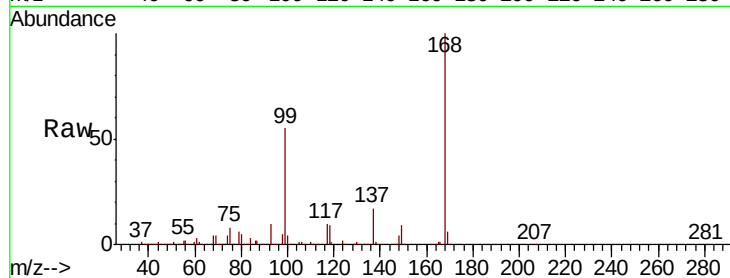
Tgt Ion:117 Resp: 41068

Ion Ratio Lower Upper

117 100

119 7.5 76.1 114.1#

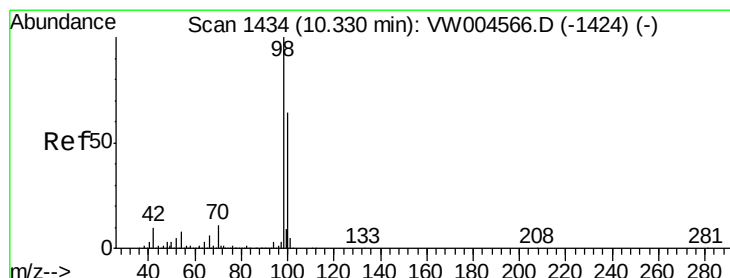
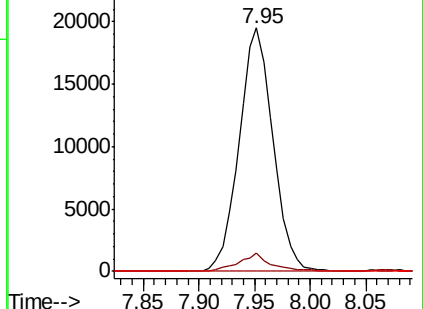
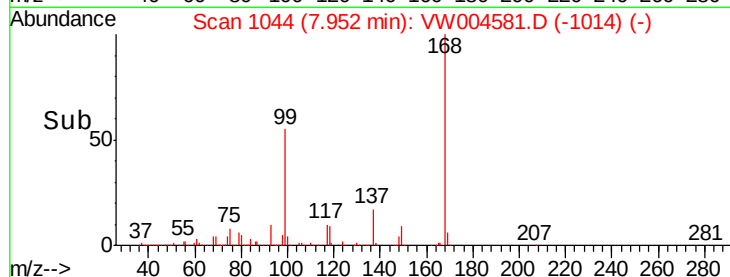
121 0.0 24.2 36.4#



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



#50

Toluene-d8

Concen: 0.451 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004581.D

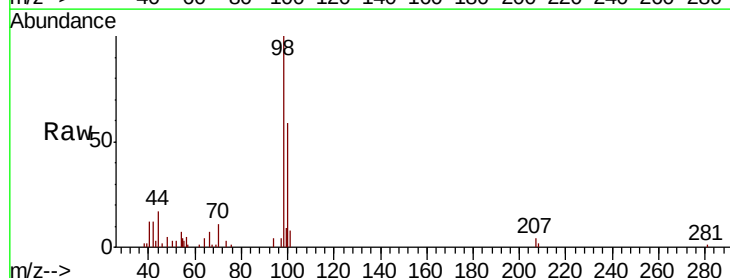
Acq: 10 Aug 2018 05:00

Tgt Ion: 98 Resp: 7933

Ion Ratio Lower Upper

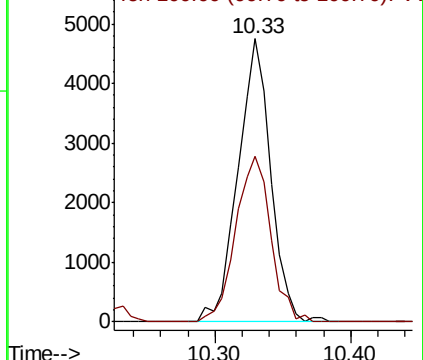
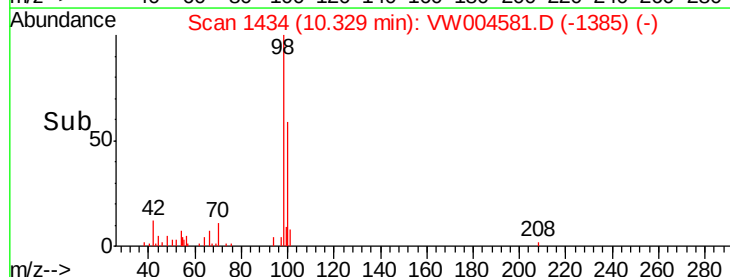
98 100

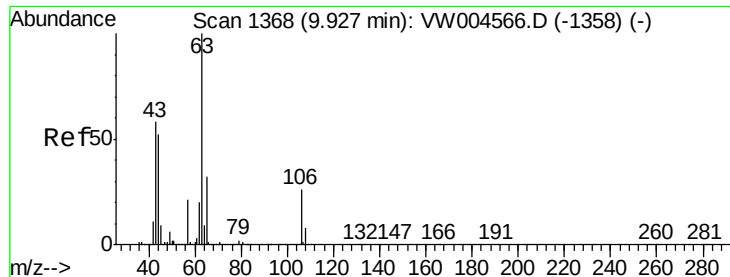
100 63.0 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

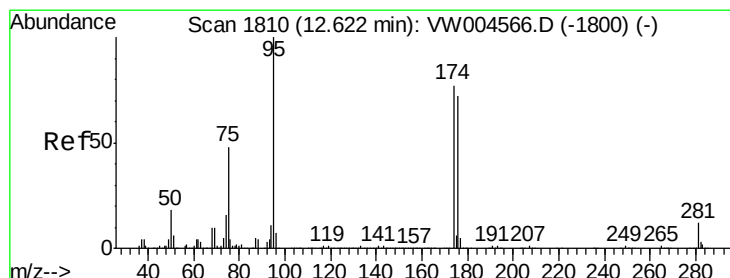
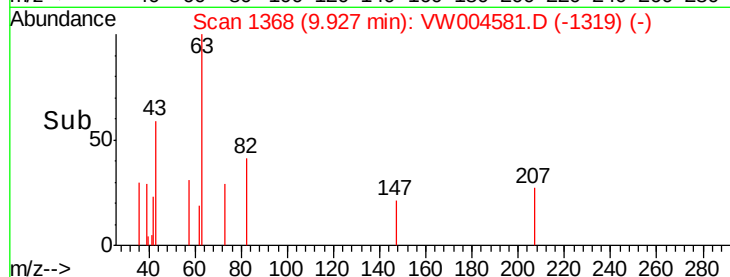
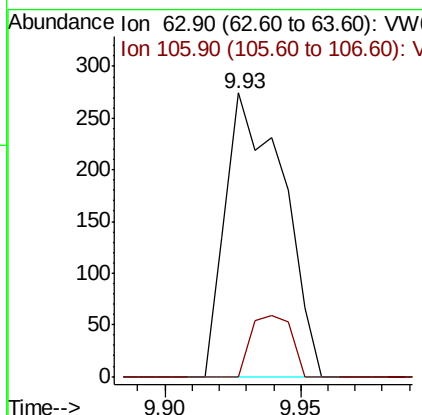
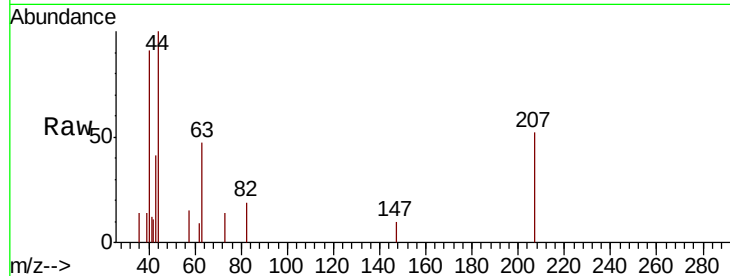




#58
 2-Chloroethyl Vinyl ether
 Concen: 9.097 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW004581.D
 Acq: 10 Aug 2018 05:00

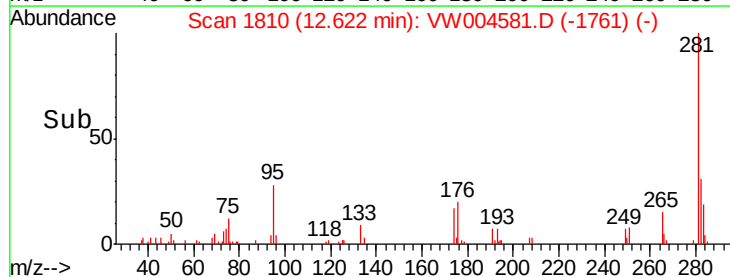
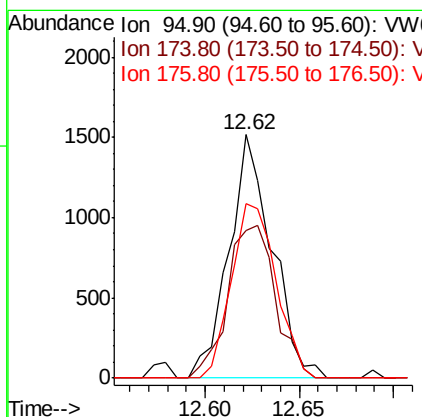
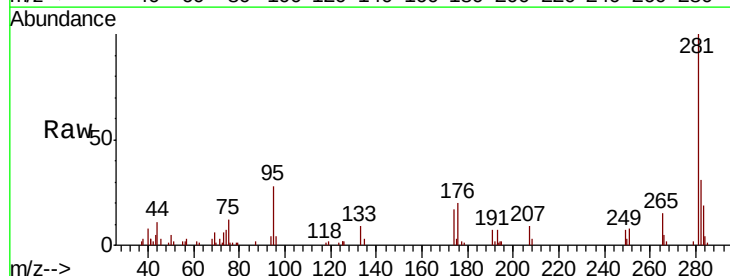
Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-05-5-7

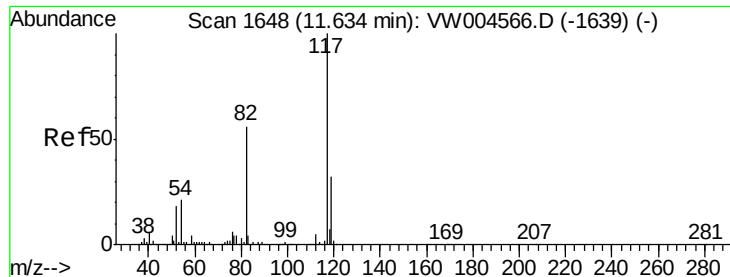
Tgt Ion: 63 Resp: 404
 Ion Ratio Lower Upper
 63 100
 106 15.1 21.3 31.9#



#62
 4-Bromofluorobenzene
 Concen: 0.379 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004581.D
 Acq: 10 Aug 2018 05:00

Tgt Ion: 95 Resp: 2401
 Ion Ratio Lower Upper
 95 100
 174 69.7 0.0 160.4
 176 74.7 0.0 153.2

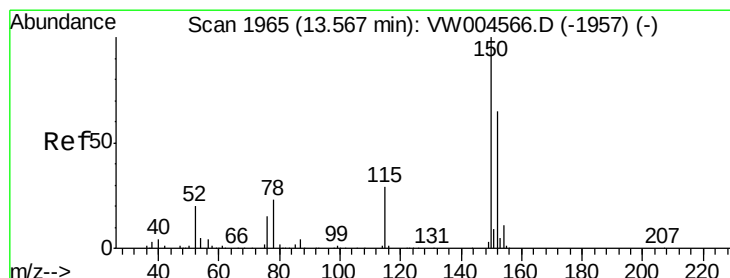
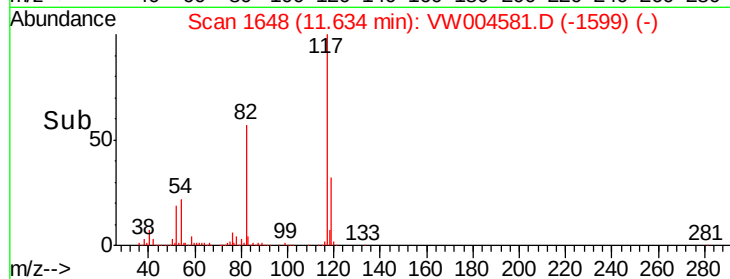
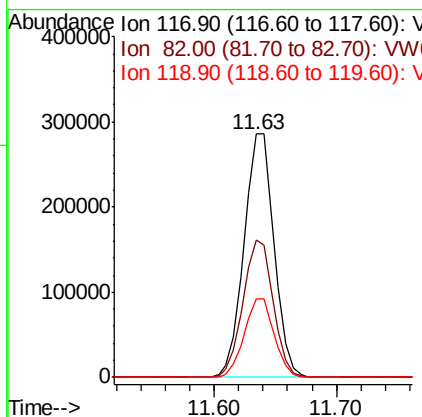
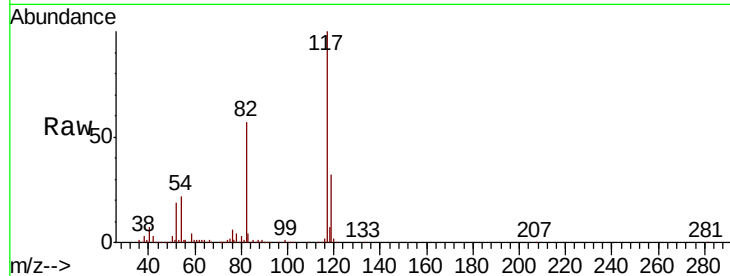




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004581.D
Acq: 10 Aug 2018 05:00

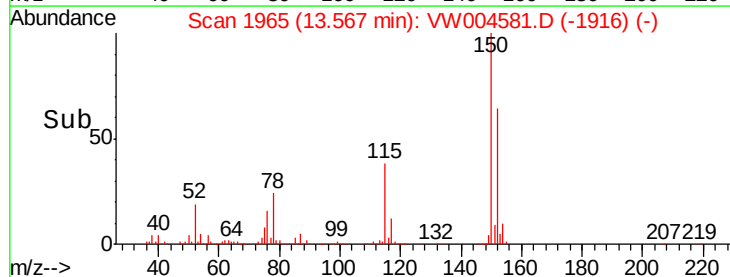
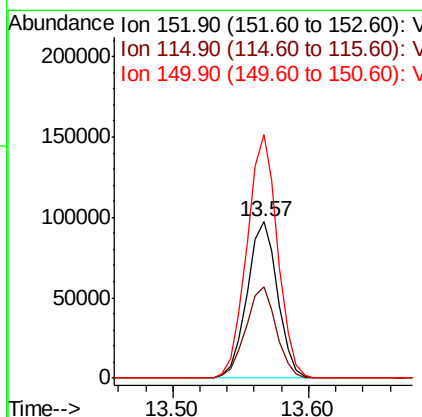
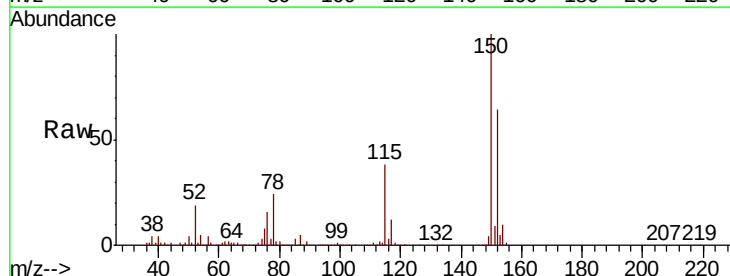
Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-05-5-7

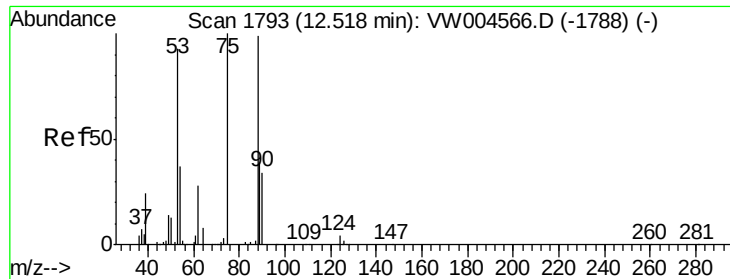
Tgt Ion:117 Resp: 489672
Ion Ratio Lower Upper
117 100
82 56.5 45.3 67.9
119 32.4 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004581.D
Acq: 10 Aug 2018 05:00

Tgt Ion:152 Resp: 153135
Ion Ratio Lower Upper
152 100
115 58.2 29.1 87.3
150 155.9 0.0 349.6





#81

trans-1,4-Dichloro-2-butene

Concen: 1.893 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004581.D

Acq: 10 Aug 2018 05:00

Instrument :

MSVOA_W

ClientSampleId :

JTY-SB-05-5-7

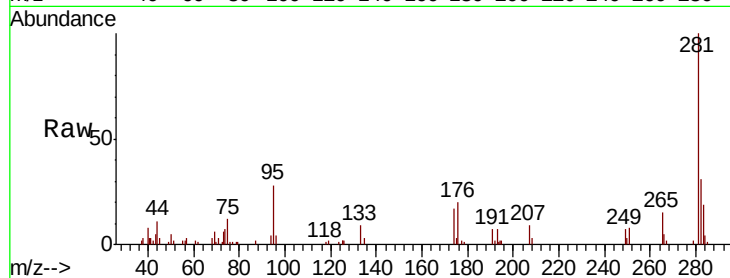
Tgt Ion: 75 Resp: 1253

Ion Ratio Lower Upper

75 100

53 0.0 74.4 111.6#

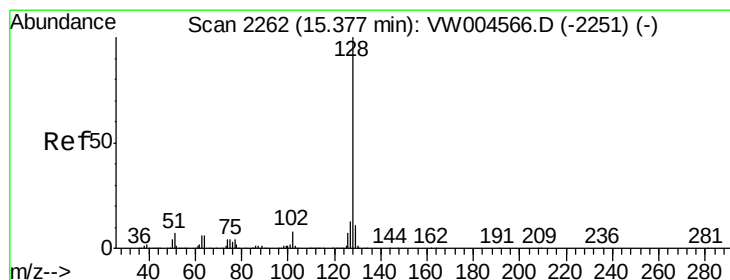
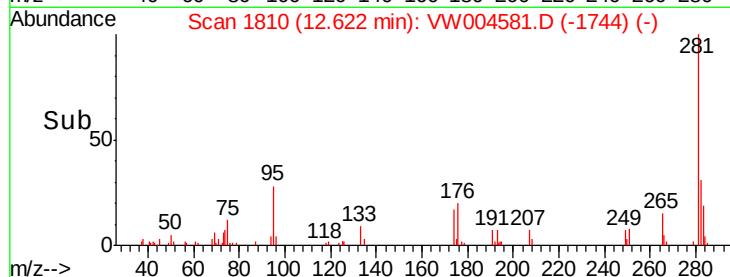
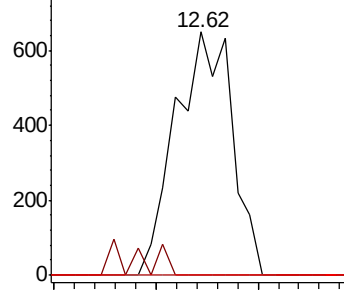
89 0.0 35.9 53.9#



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: 3.057 ug/l

RT: 15.37 min Scan# 2260

Delta R.T. -0.01 min

Lab File: VW004581.D

Acq: 10 Aug 2018 05:00

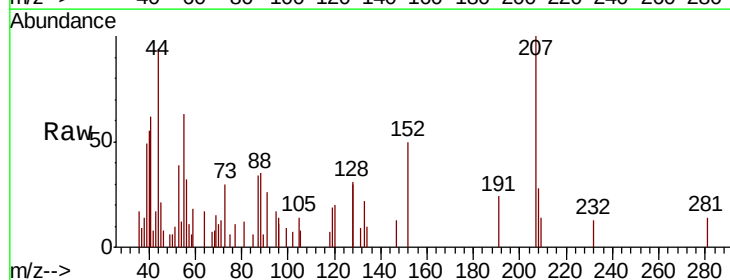
Tgt Ion: 128 Resp: 1035

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 6.6 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

