

Data File : VW005150.D
Acq On : 06 Sep 2018 00:17
Operator : SY/AP
Sample : J4720-04
Misc : 5.10G/5ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BZTRANS-4

Quant Time: Sep 06 01:24:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	62151	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	112986	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	90006	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	28705	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	52901	102.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.36%	
35) Dibromofluoromethane	7.89	113	36368	55.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.40%	
50) Toluene-d8	10.33	98	48217	16.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	32.06%	
62) 4-Bromofluorobenzene	12.62	95	21660	20.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.84%	

Target Compounds

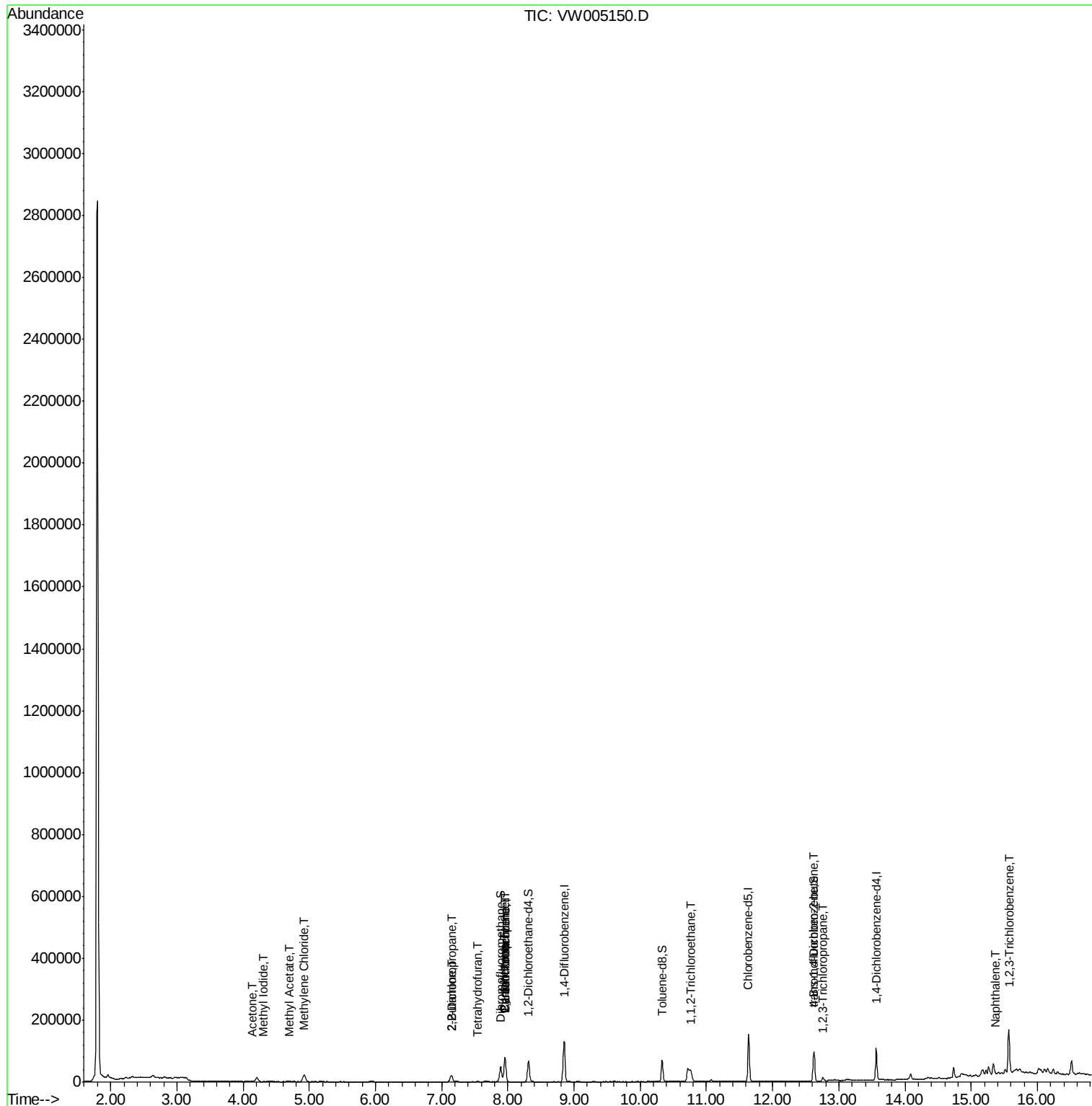
						Qvalue
5) Bromomethane	2.78	94	363	Below Cal		88
10) Methyl Iodide	4.30	142	21	3.842 ug/l #		44
11) Tert butyl alcohol	5.15	59	577	Below Cal #		72
16) Acetone	4.14	43	2694	26.074 ug/l		92
18) Methyl Acetate	4.69	43	2874	9.456 ug/l #		84
20) Methylene Chloride	4.92	84	17213	22.521 ug/l		96
25) 2-Butanone	7.15	43	630	3.515 ug/l #		46
26) 2,2-Dichloropropane	7.15	77	1434	1.689 ug/l #		51
29) Tetrahydrofuran	7.54	42	285	3.112 ug/l #		31
31) Cyclohexane	7.95	56	1220	1.206 ug/l #		10
36) 1,1-Dichloropropene	7.95	75	4597	4.272 ug/l #		49
38) Carbon Tetrachloride	7.95	117	5838	5.706 ug/l #		18
55) 1,1,2-Trichloroethane	10.76	97	771	1.294 ug/l #		16
76) 1,2,3-Trichloropropane	12.76	75	427	1.982 ug/l #		100
81) trans-1,4-Dichloro-2-buten	12.62	75	10176	113.672 ug/l #		15
95) Naphthalene	15.37	128	822	4.710 ug/l #		61
96) 1,2,3-Trichlorobenzene	15.58	180	714	1.394 ug/l		78

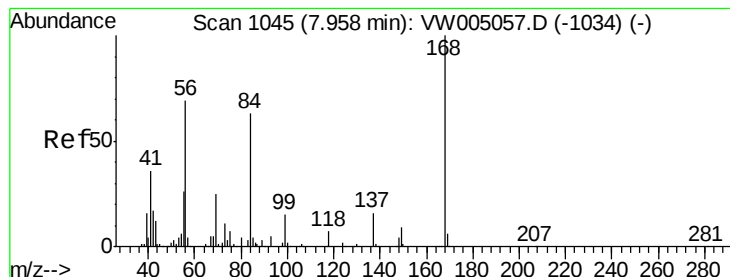
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005150.D

Acq: 06 Sep 2018 00:17

Instrument :

MSVOA_W

ClientSampleId :

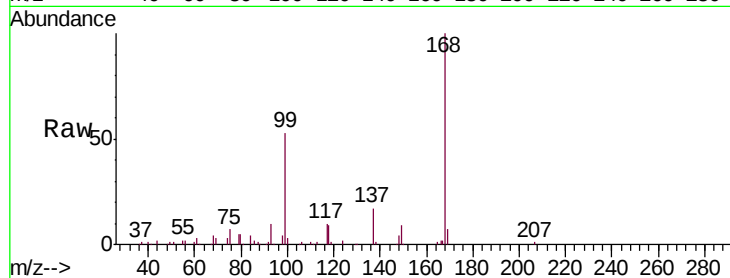
BZTRANS-4

Tgt Ion:168 Resp: 62151

Ion Ratio Lower Upper

168 100

99 53.2 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

30000

25000

20000

15000

10000

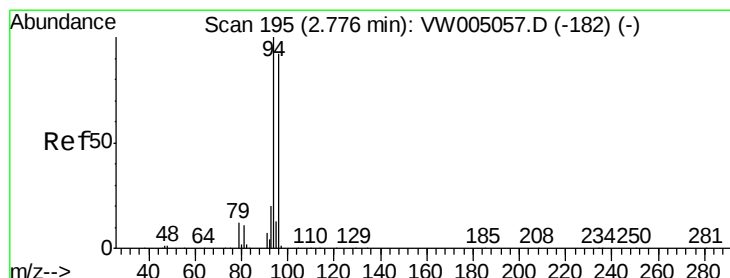
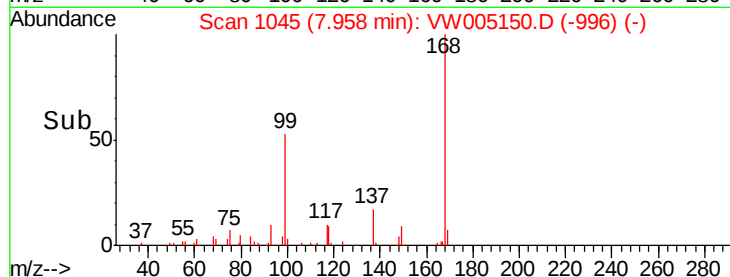
5000

0

7.90

8.00

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 195

Delta R.T. -0.00 min

Lab File: VW005150.D

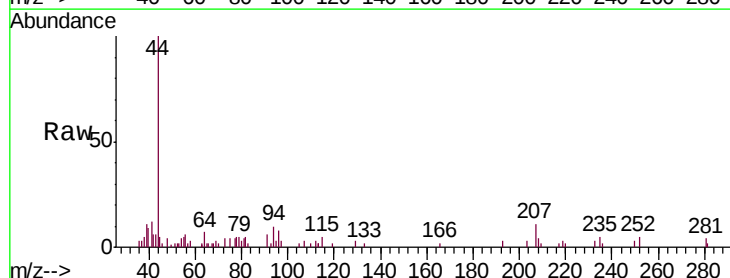
Acq: 06 Sep 2018 00:17

Tgt Ion: 94 Resp: 363

Ion Ratio Lower Upper

94 100

96 80.5 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

400

300

200

100

0

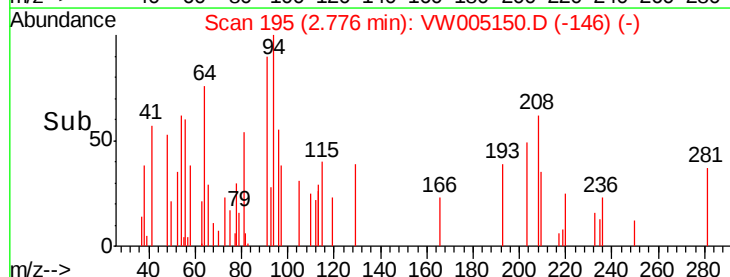
2.74

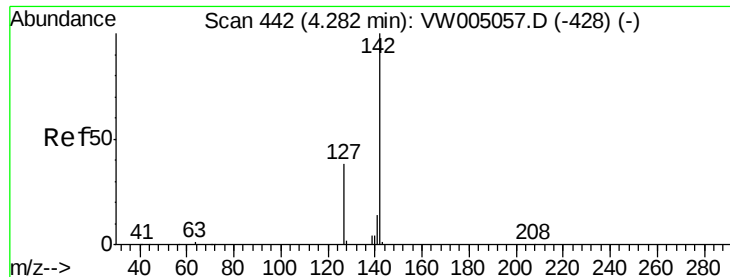
2.76

2.78

2.80

Time-->

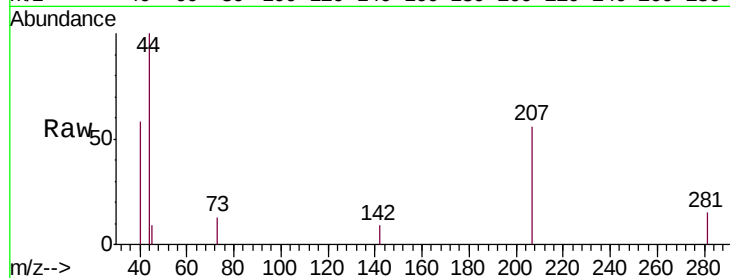




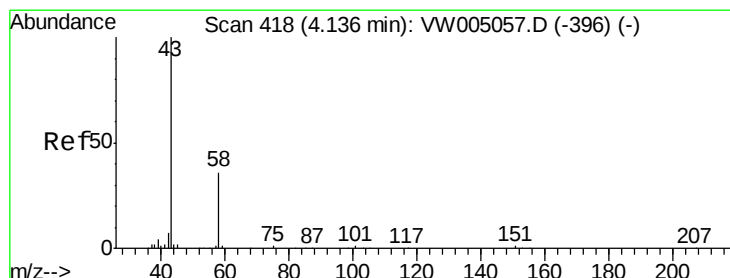
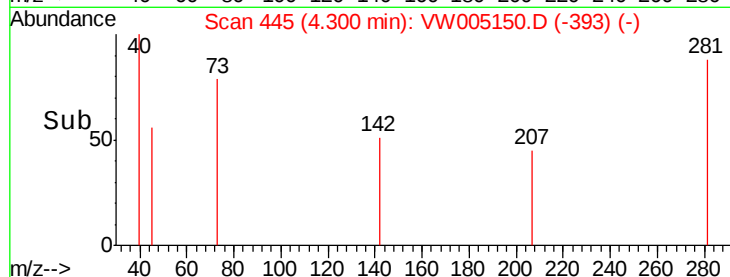
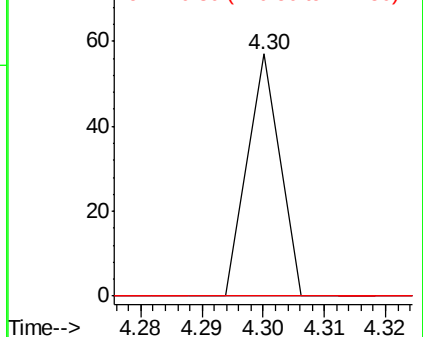
#10
Methyl Iodide
Concen: 3.842 ug/l
RT: 4.30 min Scan# 445
Delta R.T. 0.02 min
Lab File: VW005150.D
Acq: 06 Sep 2018 00:17

Instrument :
MSVOA_W
ClientSampleId :
BZTRANS-4

Tgt Ion: 142 Resp: 21
Ion Ratio Lower Upper
142 100
127 0.0 30.8 46.2#
141 0.0 11.6 17.4#

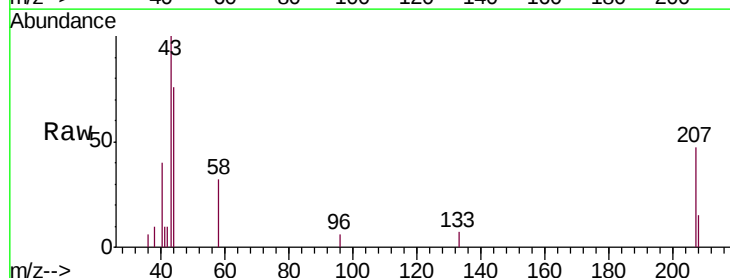


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

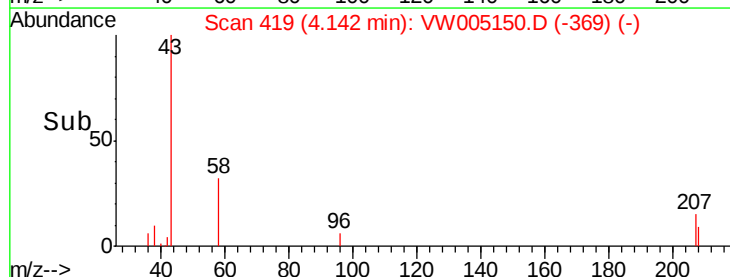
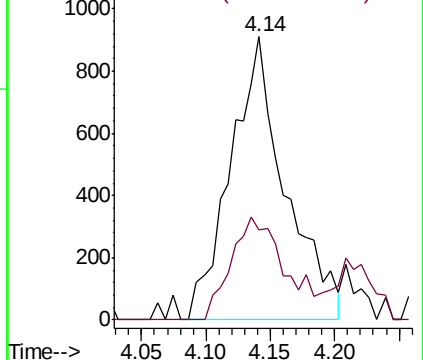


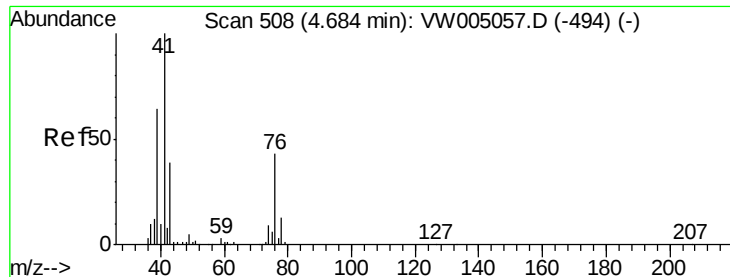
#16
Acetone
Concen: 26.074 ug/l
RT: 4.14 min Scan# 419
Delta R.T. 0.01 min
Lab File: VW005150.D
Acq: 06 Sep 2018 00:17

Tgt Ion: 43 Resp: 2694
Ion Ratio Lower Upper
43 100
58 31.9 29.0 43.6



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

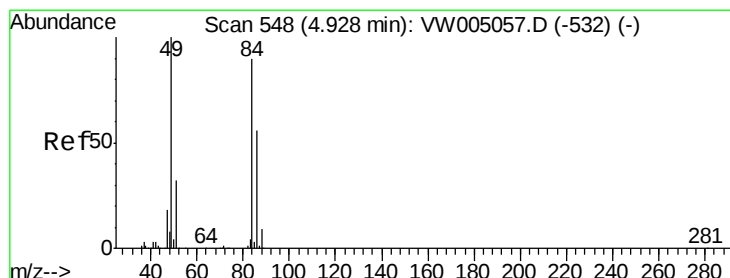
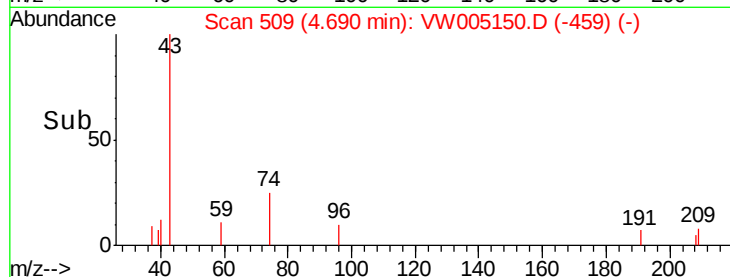
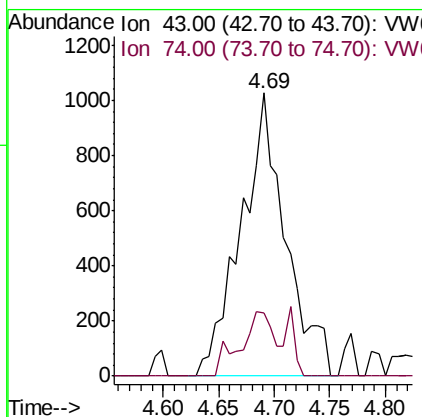
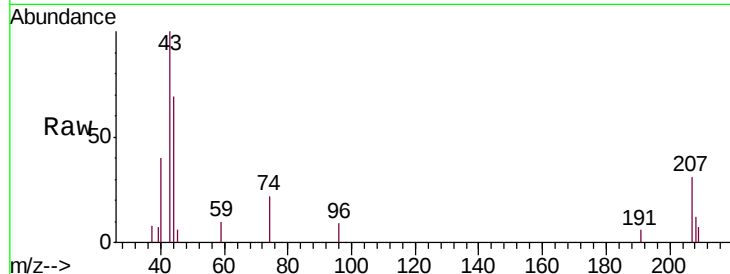




#18
Methyl Acetate
Concen: 9.456 ug/l
RT: 4.69 min Scan# 509
Delta R.T. 0.01 min
Lab File: VW005150.D
Acq: 06 Sep 2018 00:17

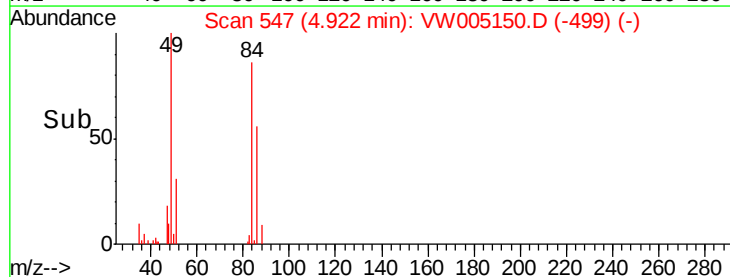
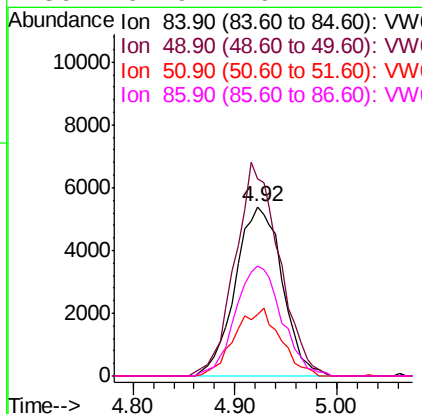
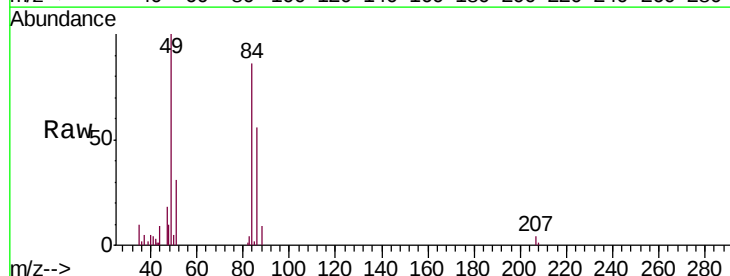
Instrument :
MSVOA_W
ClientSampleId :
BZTRANS-4

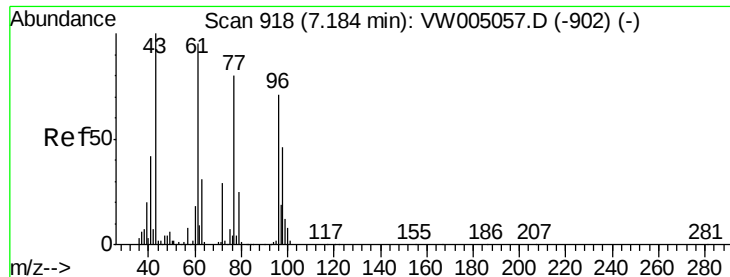
Tgt Ion: 43 Resp: 2874
Ion Ratio Lower Upper
43 100
74 17.9 20.7 31.1#



#20
Methylene Chloride
Concen: 22.521 ug/l
RT: 4.92 min Scan# 547
Delta R.T. -0.01 min
Lab File: VW005150.D
Acq: 06 Sep 2018 00:17

Tgt Ion: 84 Resp: 17213
Ion Ratio Lower Upper
84 100
49 116.0 88.7 133.1
51 36.1 28.6 42.8
86 64.9 49.4 74.2





#25

2-Butanone

Concen: 3.515 ug/l

RT: 7.15 min Scan# 913

Delta R.T. -0.03 min

Lab File: VW005150.D

Acq: 06 Sep 2018 00:17

Instrument :

MSVOA_W

ClientSampleId :

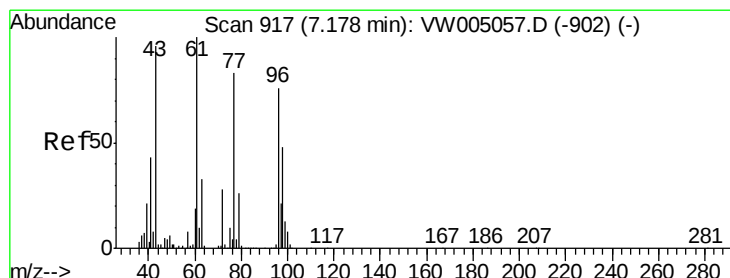
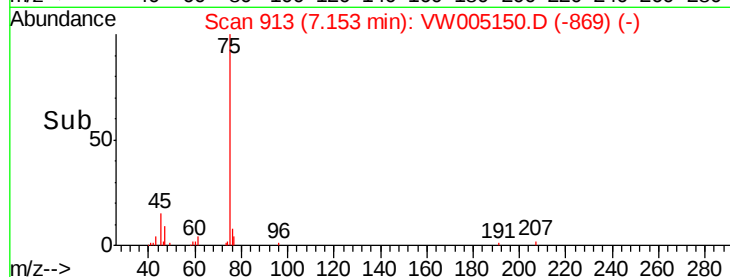
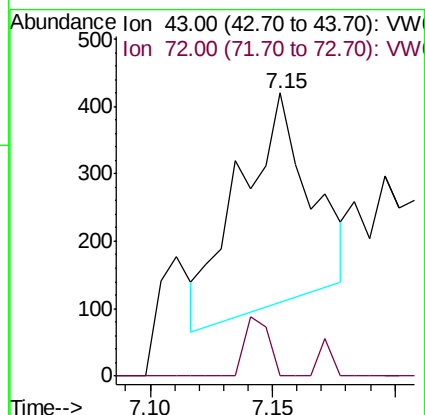
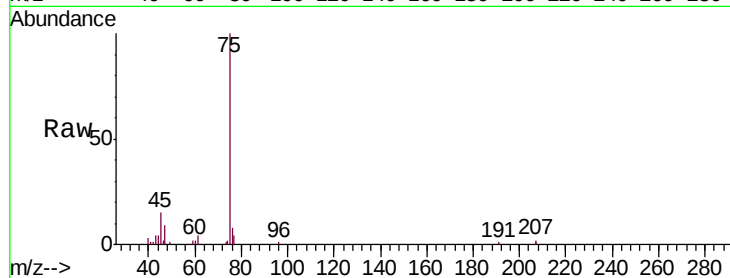
BZTRANS-4

Tgt Ion: 43 Resp: 630

Ion Ratio Lower Upper

43 100

72 0.0 23.1 34.7#



#26

2,2-Dichloropropane

Concen: 1.689 ug/l

RT: 7.15 min Scan# 913

Delta R.T. -0.02 min

Lab File: VW005150.D

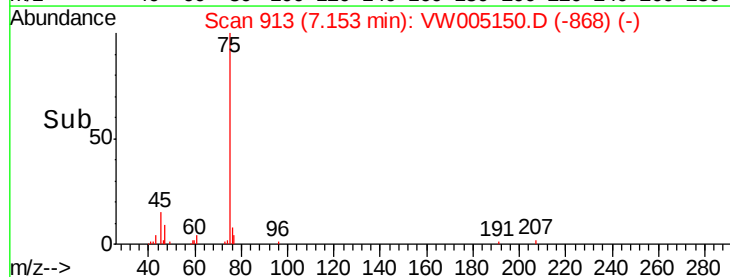
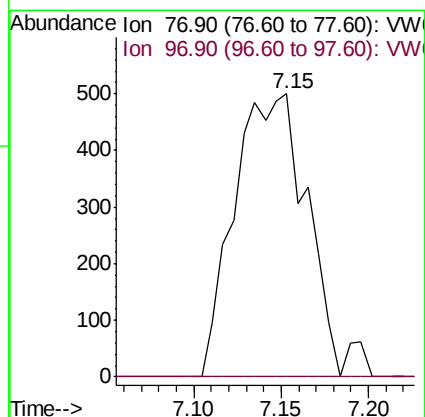
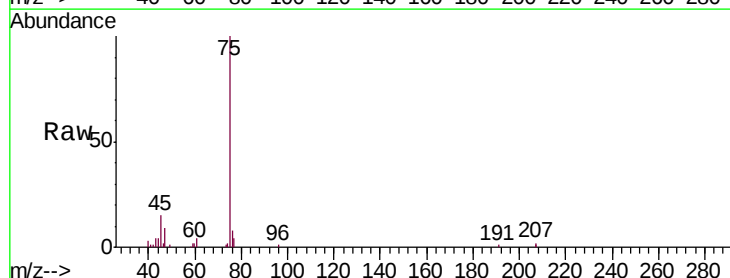
Acq: 06 Sep 2018 00:17

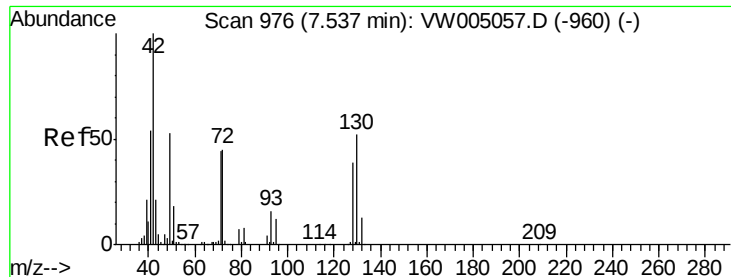
Tgt Ion: 77 Resp: 1434

Ion Ratio Lower Upper

77 100

97 0.0 12.2 36.6#

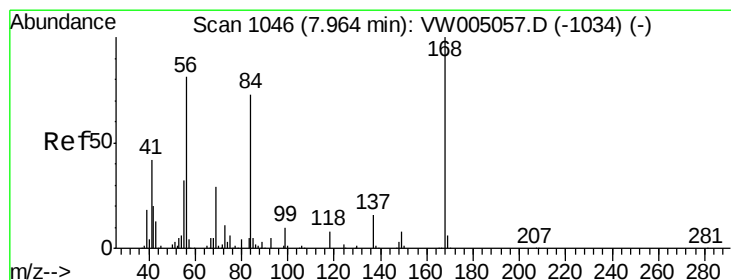
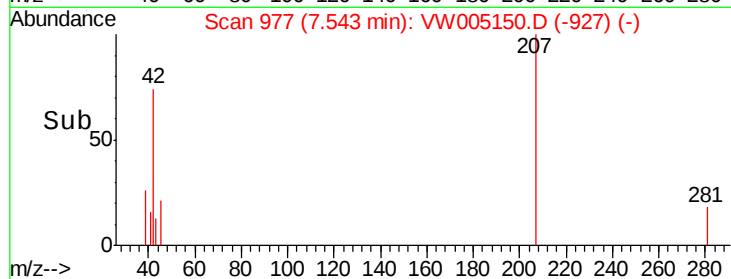
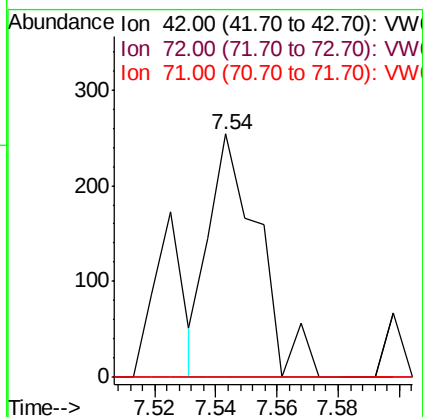
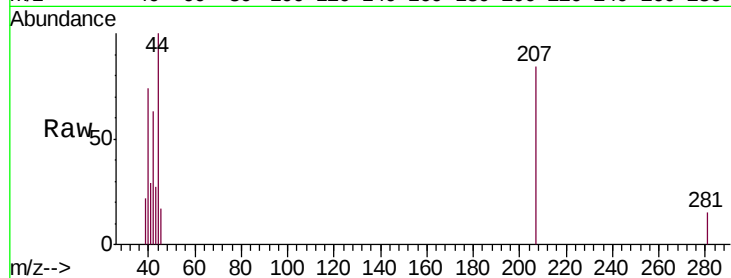




#29
Tetrahydrofuran
Concen: 3.112 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW005150.D
Acq: 06 Sep 2018 00:17

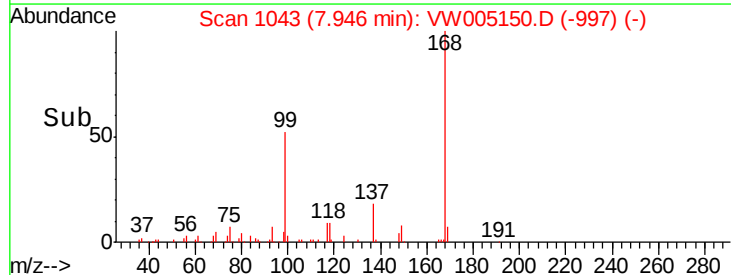
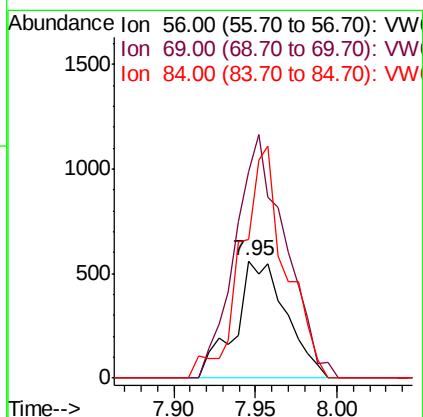
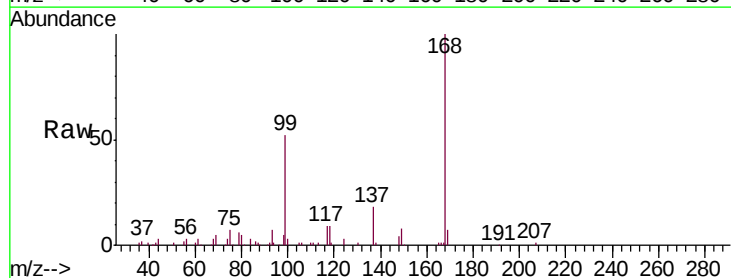
Instrument :
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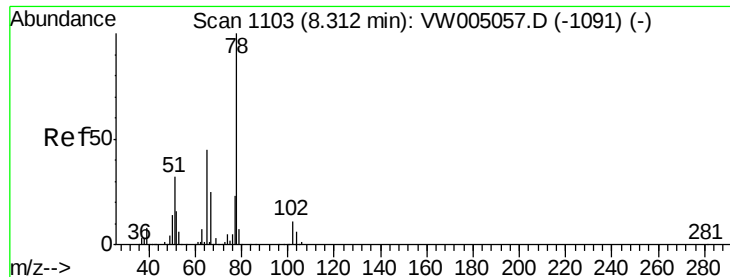
Tgt Ion: 42 Resp: 285
Ion Ratio Lower Upper
42 100
72 0.0 37.0 55.4#
71 0.0 35.0 52.6#



#31
Cyclohexane
Concen: 1.206 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.02 min
Lab File: VW005150.D
Acq: 06 Sep 2018 00:17

Tgt Ion: 56 Resp: 1220
Ion Ratio Lower Upper
56 100
69 176.7 28.2 42.2#
84 118.4 71.8 107.8#





#33

1,2-Dichloroethane-d4

Concen: 102.680 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW005150.D

Acq: 06 Sep 2018 00:17

Instrument :

MSVOA_W

ClientSampleId :

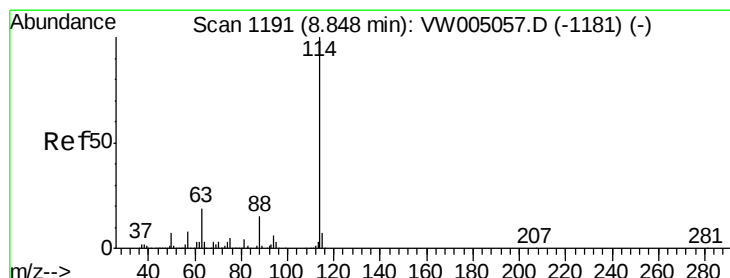
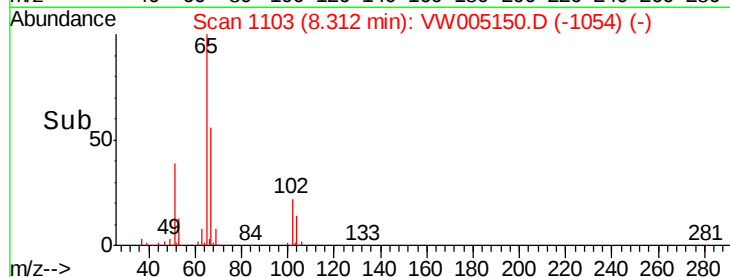
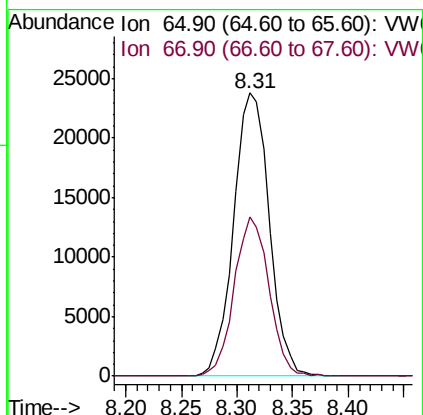
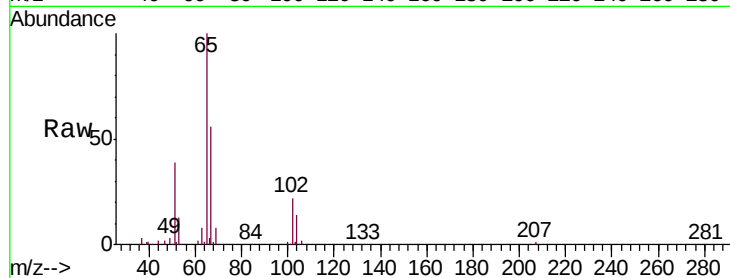
BZTRANS-4

Tgt Ion: 65 Resp: 52901

Ion Ratio Lower Upper

65 100

67 54.8 0.0 109.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW005150.D

Acq: 06 Sep 2018 00:17

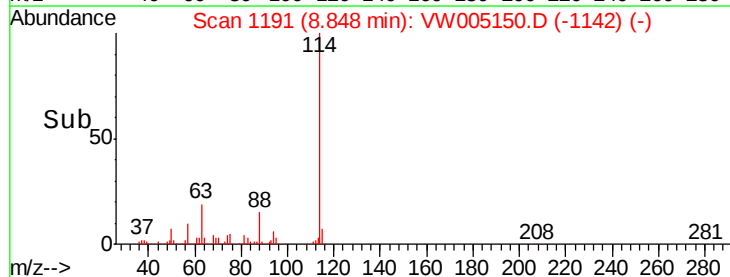
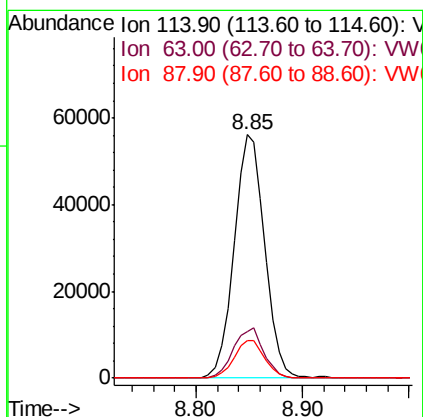
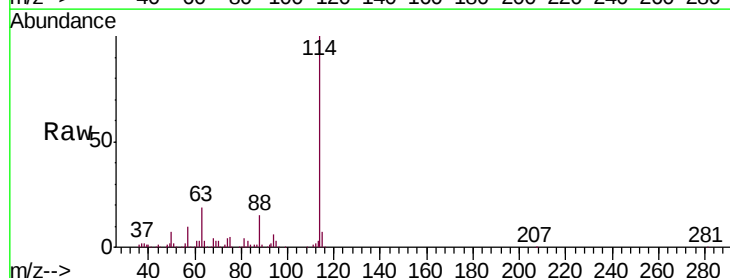
Tgt Ion: 114 Resp: 112986

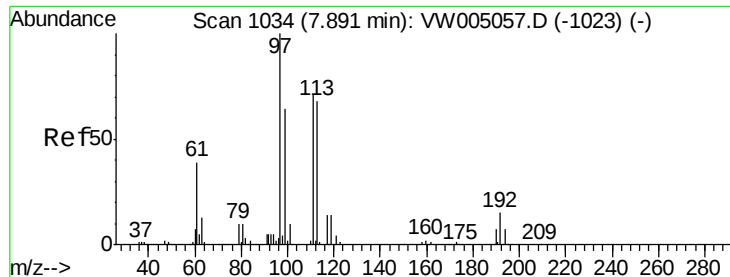
Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.0

88 15.3 0.0 30.2





#35

Dibromofluoromethane

Concen: 55.700 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VW005150.D

Acq: 06 Sep 2018 00:17

Instrument :

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BZTRANS-4

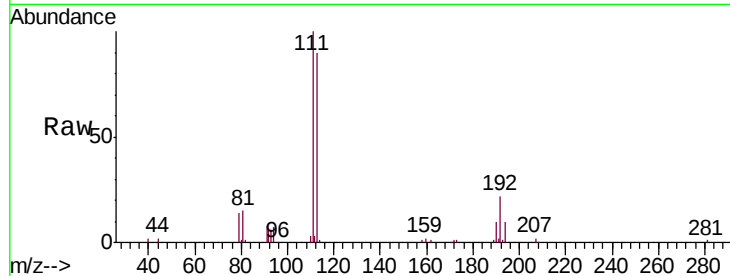
Tgt Ion:113 Resp: 36368

Ion Ratio Lower Upper

113 100

111 104.2 82.2 123.2

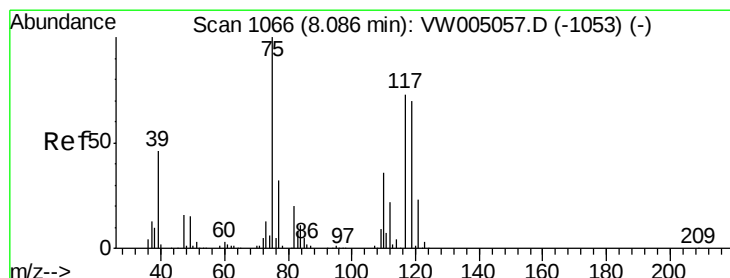
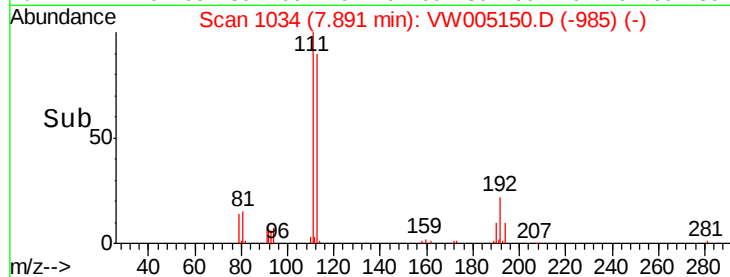
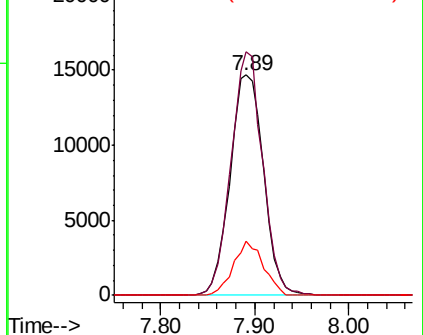
192 21.9 18.1 27.1



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: 4.272 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW005150.D

Acq: 06 Sep 2018 00:17

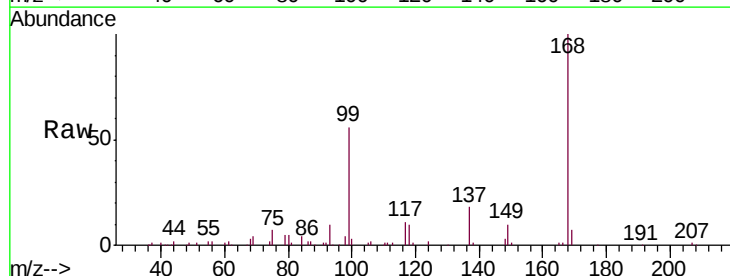
Tgt Ion: 75 Resp: 4597

Ion Ratio Lower Upper

75 100

110 10.2 18.9 56.7#

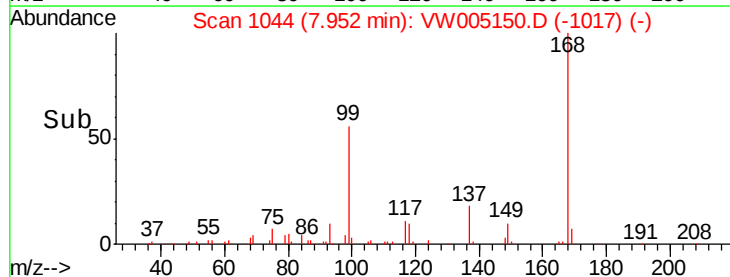
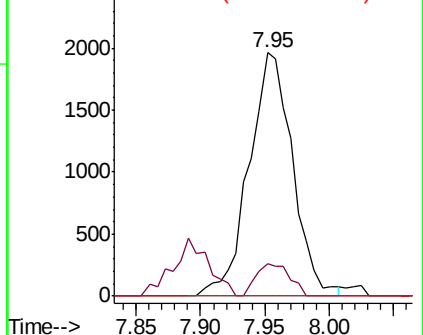
77 0.0 25.5 38.3#

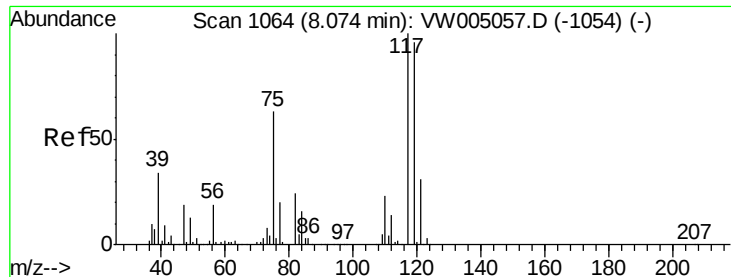


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 5.706 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW005150.D

Acq: 06 Sep 2018 00:17

Instrument :

MSVOA_W

ClientSampleId :

BZTRANS-4

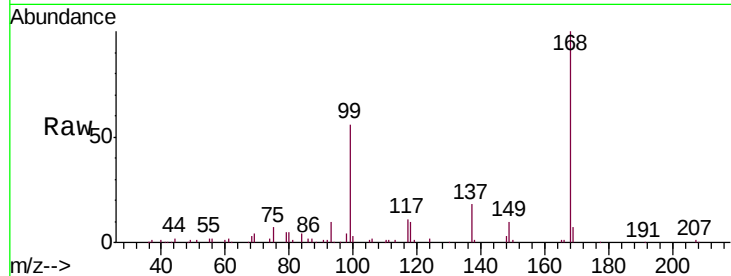
Tgt Ion:117 Resp: 5838

Ion Ratio Lower Upper

117 100

119 7.3 76.6 115.0#

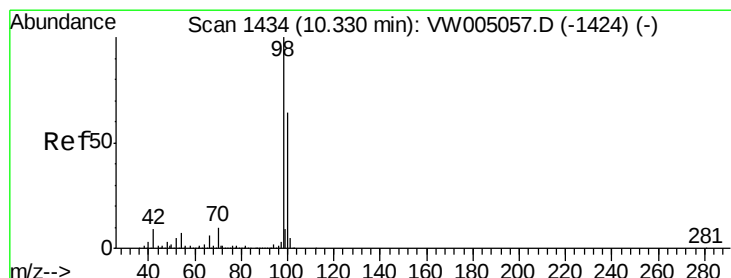
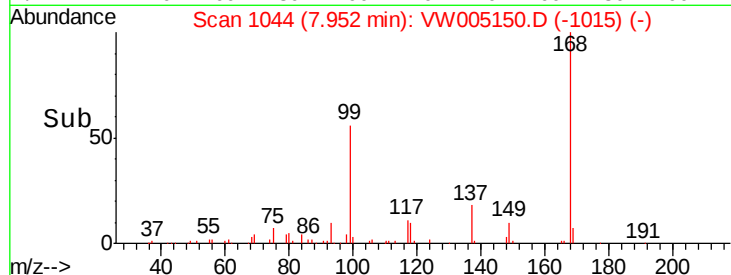
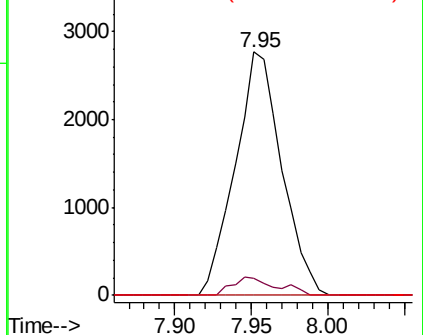
121 0.0 24.8 37.2#



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: 16.027 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW005150.D

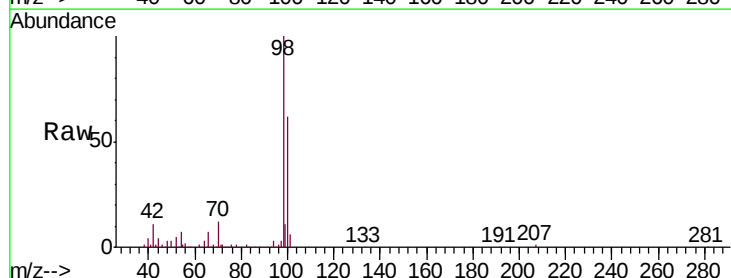
Acq: 06 Sep 2018 00:17

Tgt Ion: 98 Resp: 48217

Ion Ratio Lower Upper

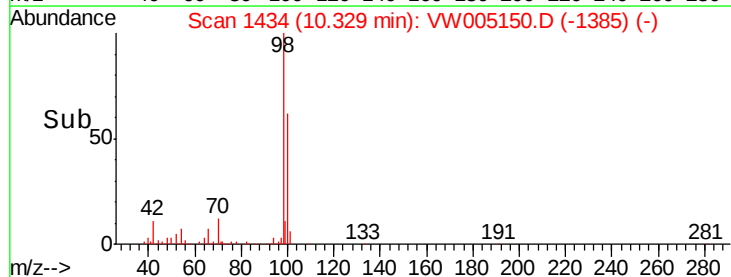
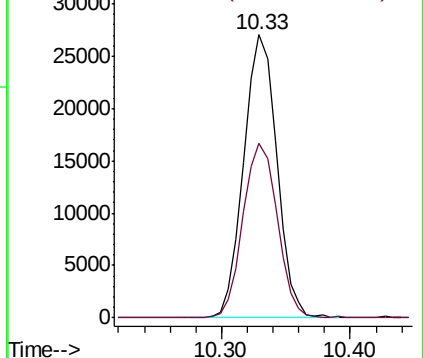
98 100

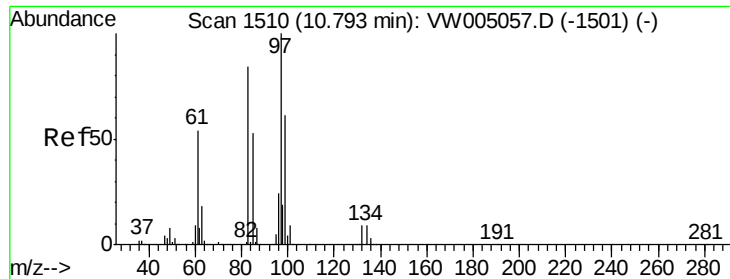
100 64.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#55

1,1,2-Trichloroethane

Concen: 1.294 ug/l

RT: 10.76 min Scan# 1504

Delta R.T. -0.04 min

Lab File: VW005150.D

Acq: 06 Sep 2018 00:17

Instrument :

MSVOA_W

ClientSampleId :

BZTRANS-4

Tgt Ion: 97 Resp: 771

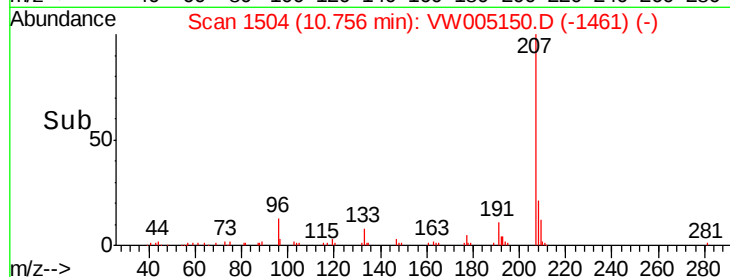
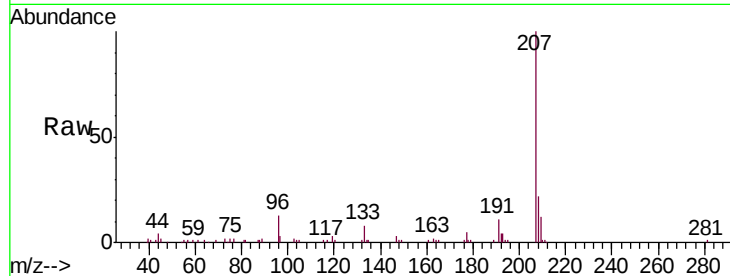
Ion Ratio Lower Upper

97 100

83 0.0 67.0 100.6#

85 0.0 42.3 63.5#

99 0.0 48.5 72.7#

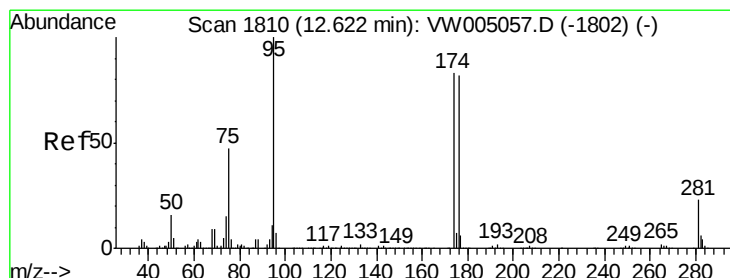
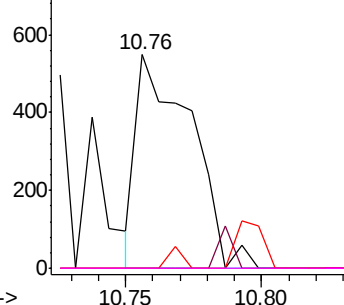


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#62

4-Bromofluorobenzene

Concen: 20.418 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW005150.D

Acq: 06 Sep 2018 00:17

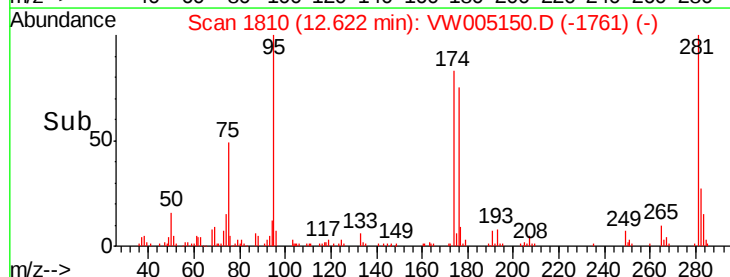
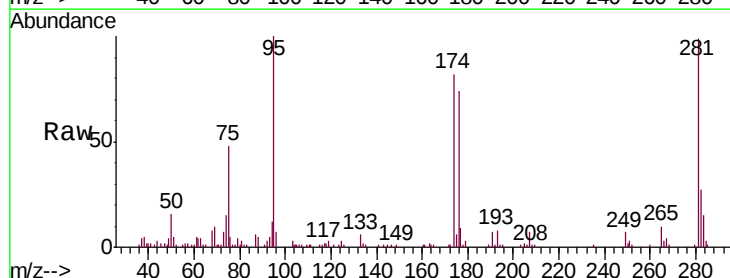
Tgt Ion: 95 Resp: 21660

Ion Ratio Lower Upper

95 100

174 87.1 0.0 173.4

176 82.5 0.0 167.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

