

Data File : VW005151.D
Acq On : 06 Sep 2018 00:42
Operator : SY/AP
Sample : J4720-05
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BZTRANS-5

Quant Time: Sep 06 01:25:03 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	446380	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	689590	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	599476	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	224412	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	251086	67.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	135.72%	
35) Dibromofluoromethane	7.89	113	227576	57.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.22%	
50) Toluene-d8	10.33	98	883432	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
62) 4-Bromofluorobenzene	12.63	95	249676	38.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.12%	

Target Compounds

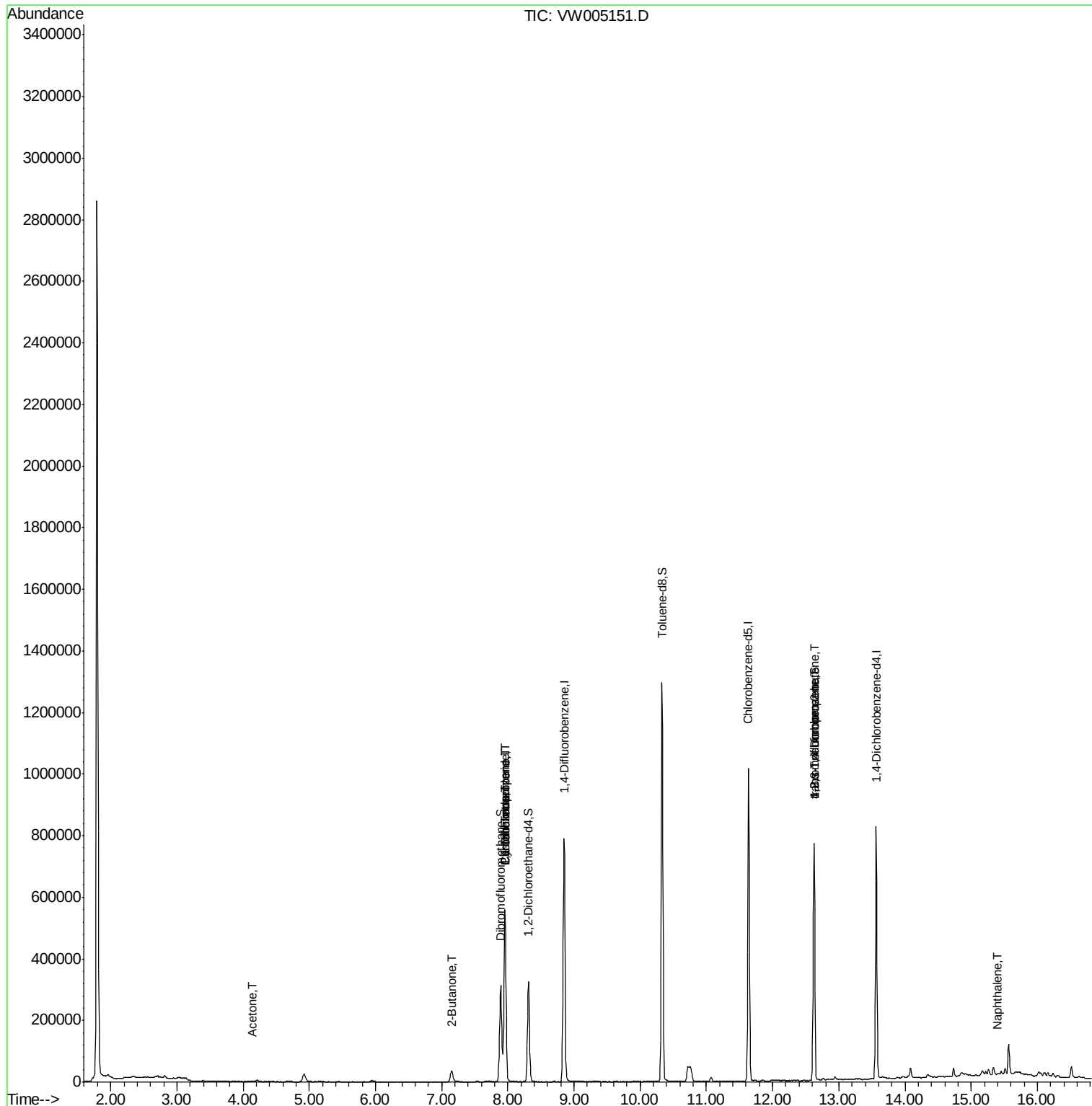
					Qvalue	
5) Bromomethane	2.77	94	694	Below Cal	#	35
11) Tert butyl alcohol	5.19	59	302	Below Cal	#	89
16) Acetone	4.14	43	4330	5.835	ug/l	93
20) Methylene Chloride	4.92	84	19335	Below Cal		91
25) 2-Butanone	7.15	43	1622	1.260	ug/l #	46
31) Cyclohexane	7.96	56	8074	1.111	ug/l #	1
36) 1,1-Dichloropropene	7.96	75	31816	4.844	ug/l #	48
38) Carbon Tetrachloride	7.96	117	40743	6.524	ug/l #	17
76) 1,2,3-Trichloropropane	12.63	75	116321	69.054	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	116321	166.206	ug/l #	15
95) Naphthalene	15.38	128	1604	4.162	ug/l #	83

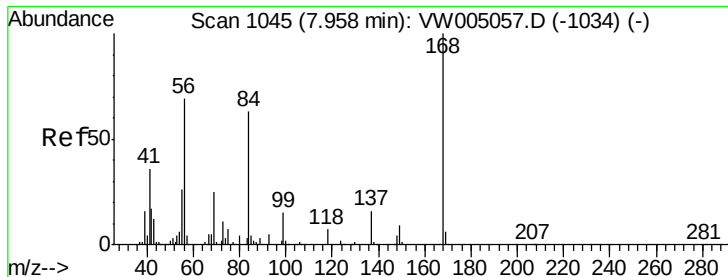
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW005151.D

Acq: 06 Sep 2018 00:42

Instrument :

MSVOA_W

ClientSampleId :

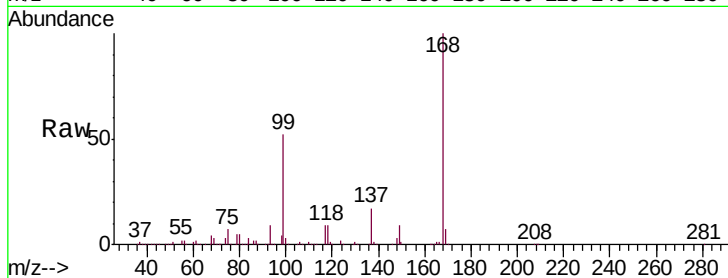
BZTRANS-5

Tgt Ion:168 Resp: 446380

Ion Ratio Lower Upper

168 100

99 52.2 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

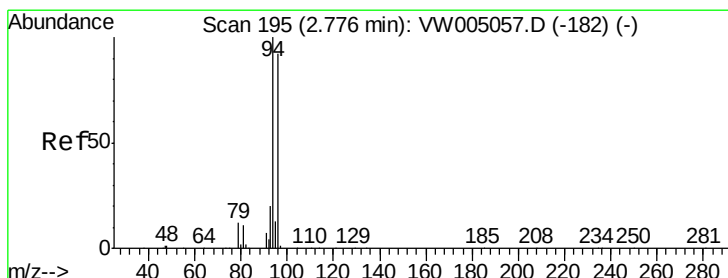
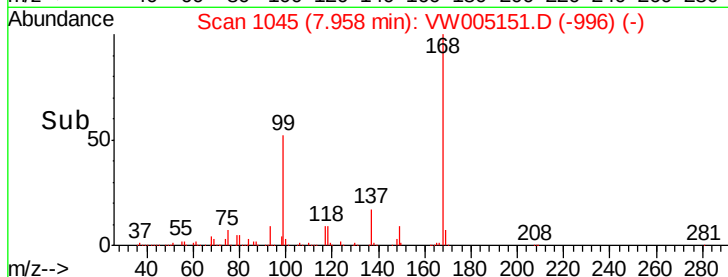
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW005151.D

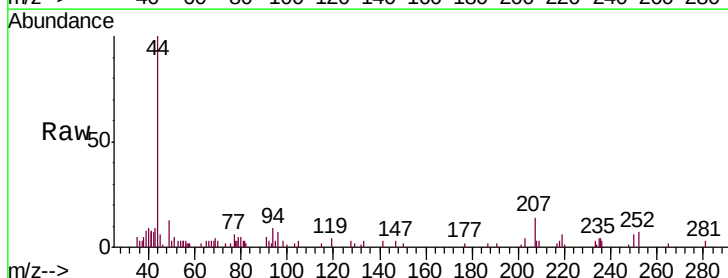
Acq: 06 Sep 2018 00:42

Tgt Ion: 94 Resp: 694

Ion Ratio Lower Upper

94 100

96 29.5 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.77

400

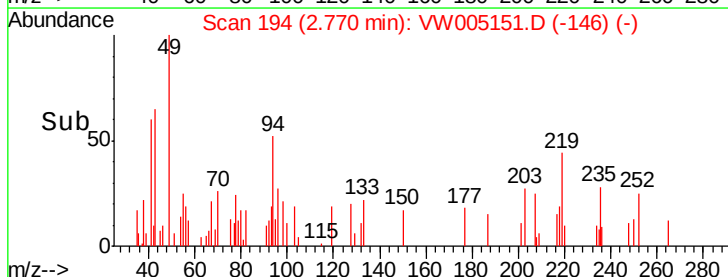
300

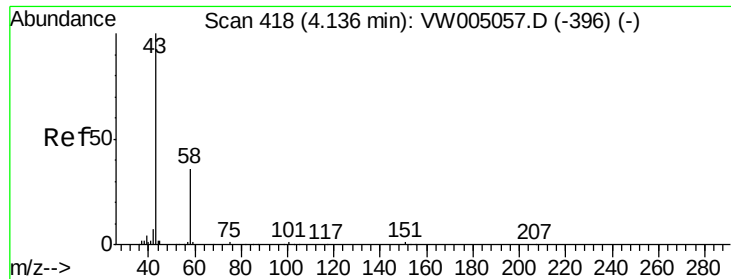
200

100

0

Time-->





#16

Acetone

Concen: 5.835 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW005151.D

Acq: 06 Sep 2018 00:42

Instrument :

MSVOA_W

ClientSampled :

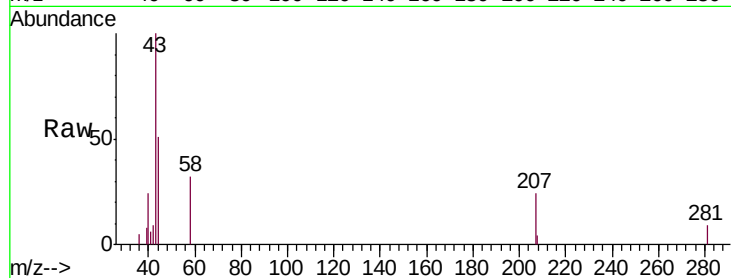
BZTRANS-5

Tgt Ion: 43 Resp: 4330

Ion Ratio Lower Upper

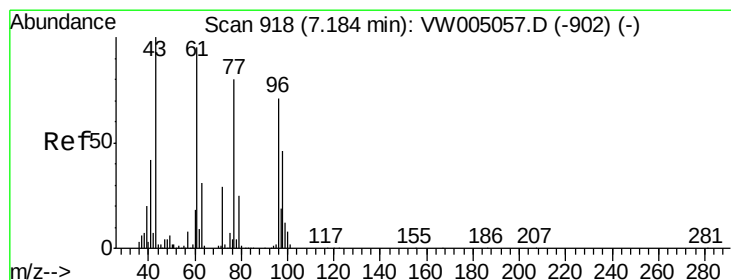
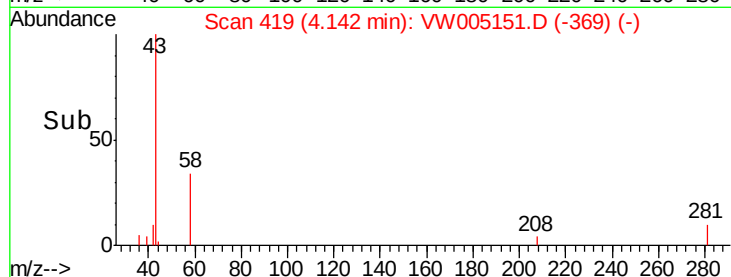
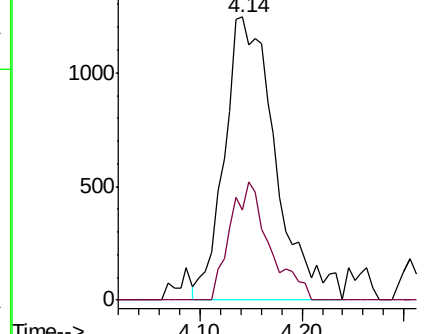
43 100

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



#25

2-Butanone

Concen: 1.260 ug/l

RT: 7.15 min Scan# 912

Delta R.T. -0.04 min

Lab File: VW005151.D

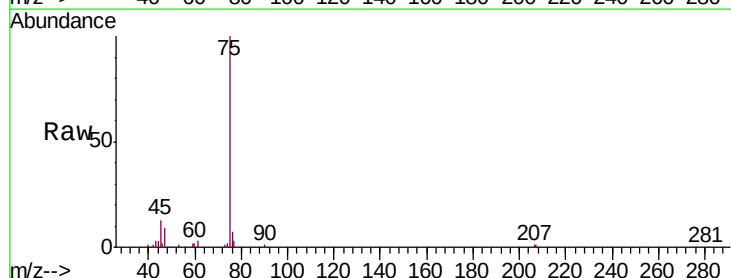
Acq: 06 Sep 2018 00:42

Tgt Ion: 43 Resp: 1622

Ion Ratio Lower Upper

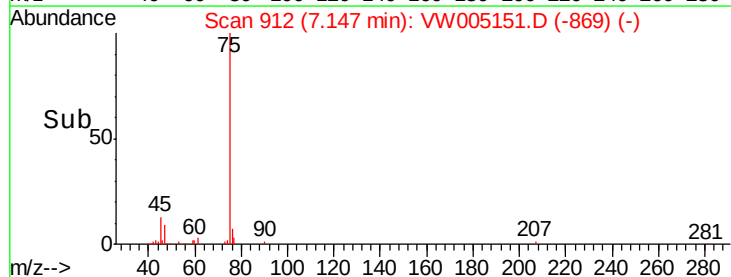
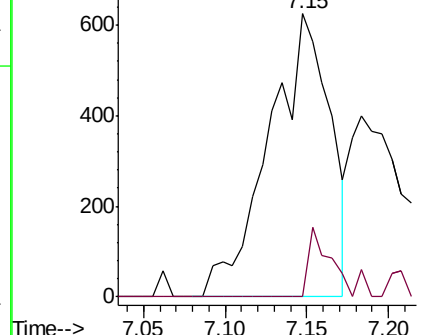
43 100

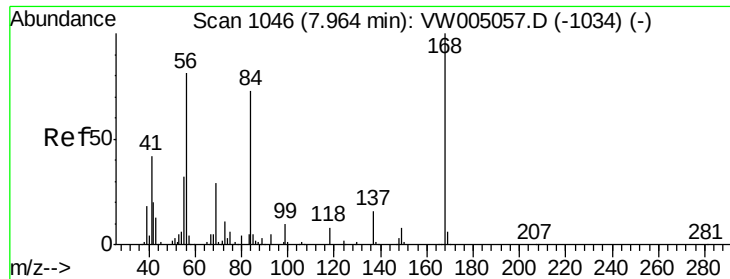
72 0.0 23.1 34.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

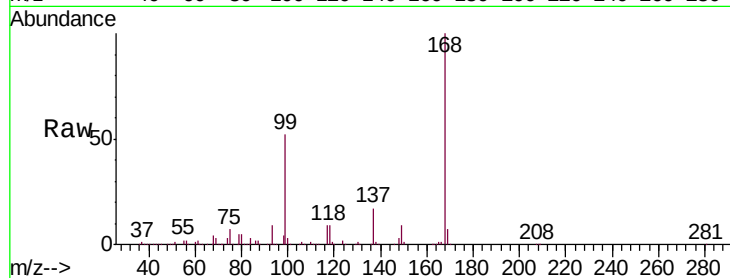




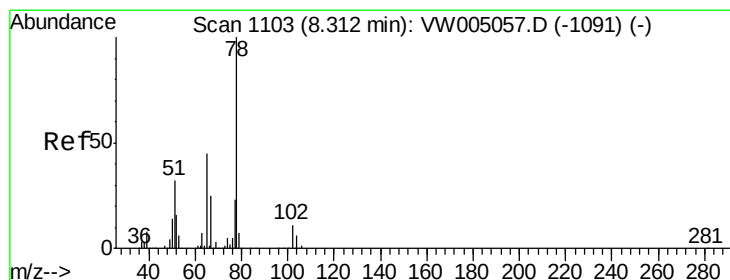
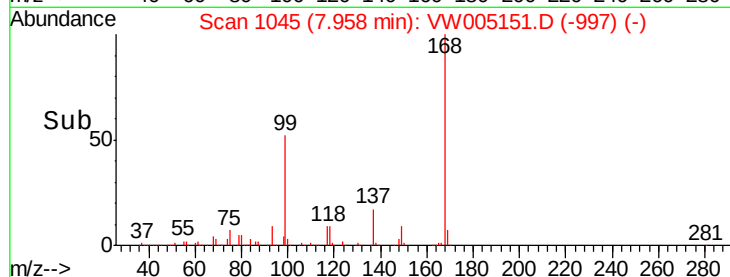
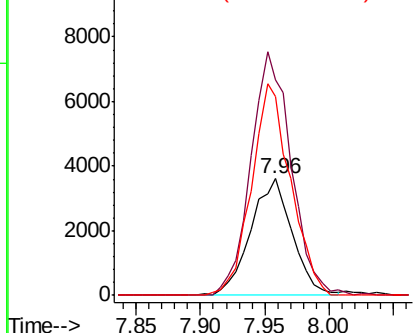
#31
Cyclohexane
Concen: 1.111 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.01 min
Lab File: VW005151.D
Acq: 06 Sep 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
BZTRANS-5

Tgt Ion: 56 Resp: 8074
Ion Ratio Lower Upper
56 100
69 184.2 28.2 42.2#
84 170.6 71.8 107.8#

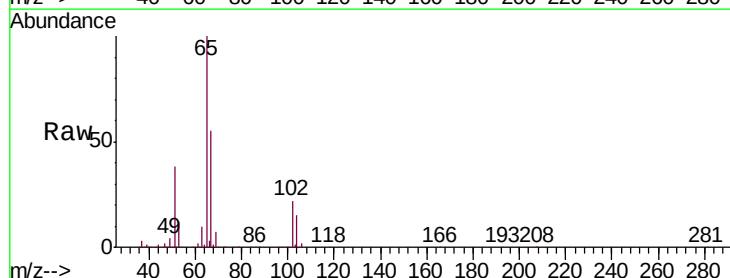


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

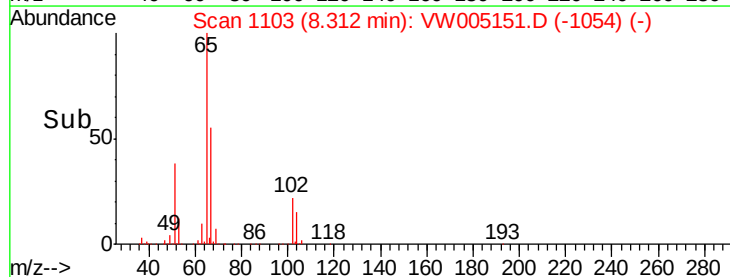
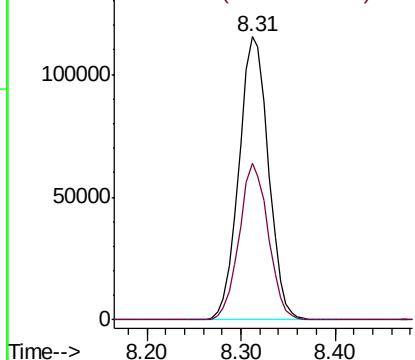


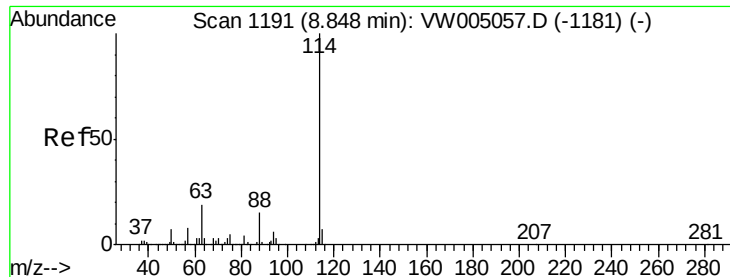
#33
1,2-Dichloroethane-d4
Concen: 67.856 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VW005151.D
Acq: 06 Sep 2018 00:42

Tgt Ion: 65 Resp: 251086
Ion Ratio Lower Upper
65 100
67 54.5 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

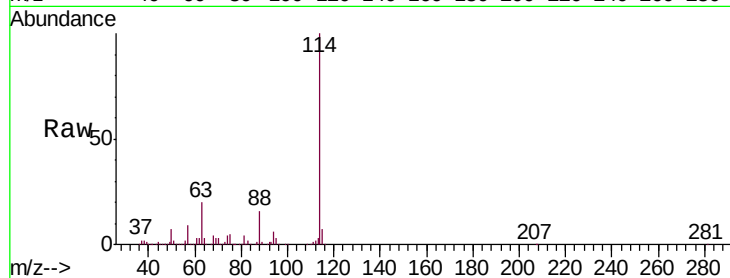




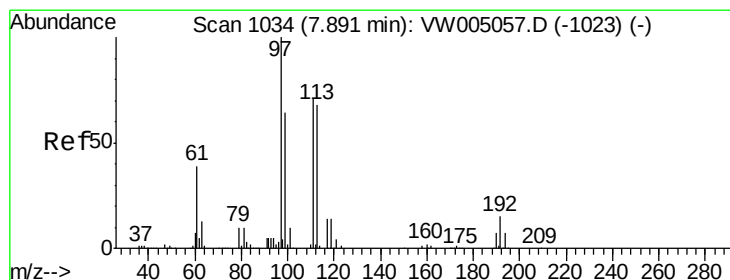
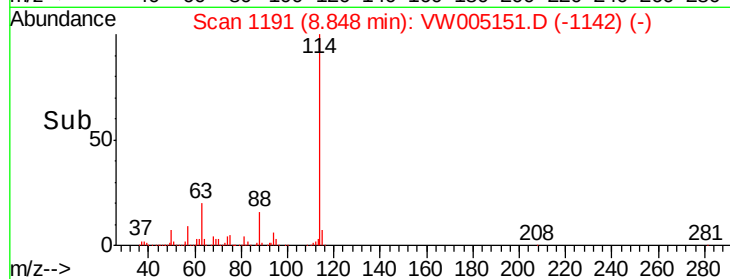
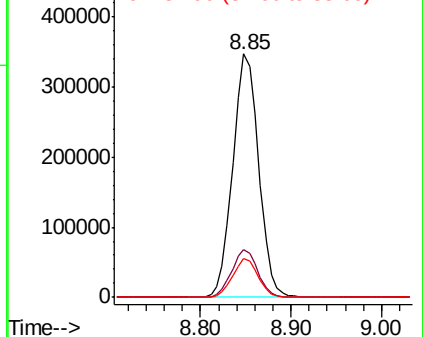
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005151.D
 Acq: 06 Sep 2018 00:42

Instrument :
 MSVOA_W
 ClientSampleId :
 BZTRANS-5

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	38.0
88	16.0	0.0	30.2

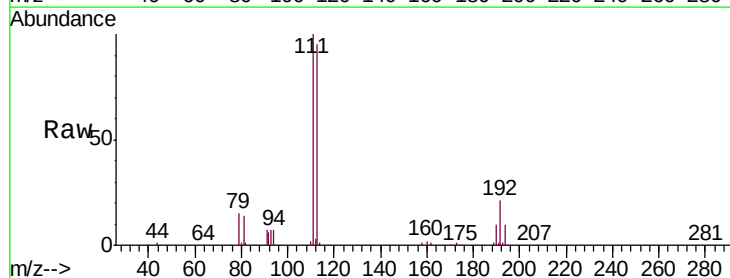


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

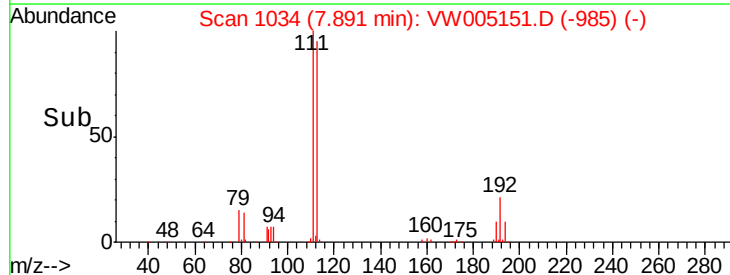
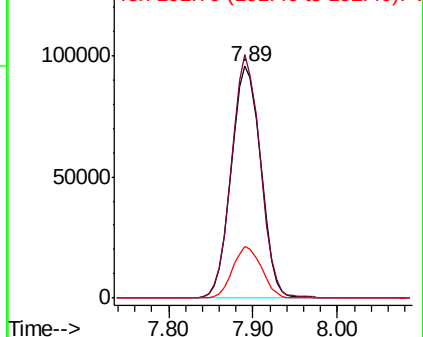


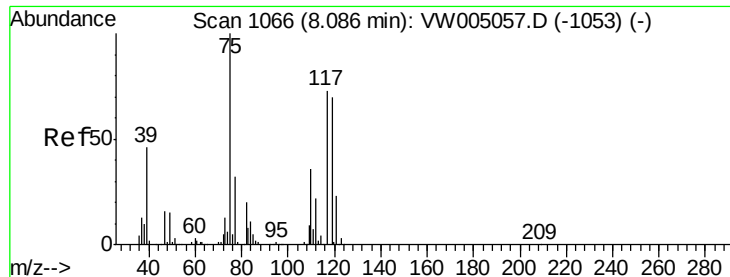
#35
 Dibromofluoromethane
 Concen: 57.108 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005151.D
 Acq: 06 Sep 2018 00:42

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.2	123.2
192	21.7	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

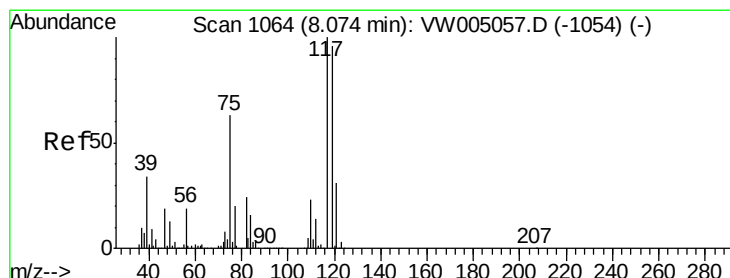
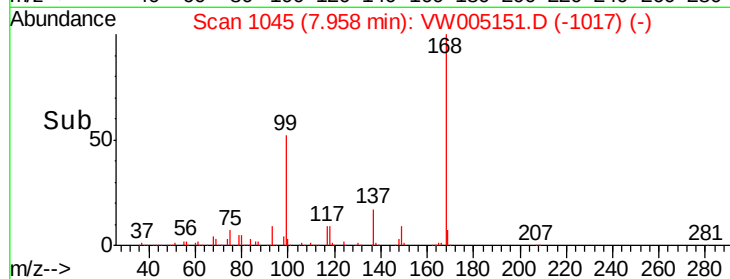
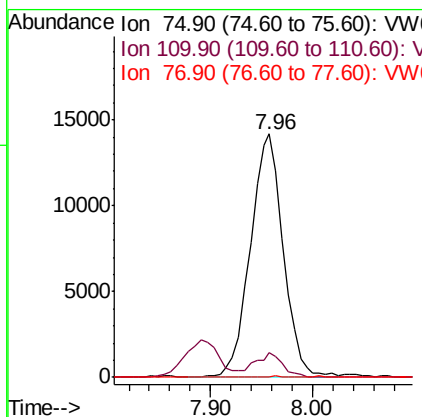
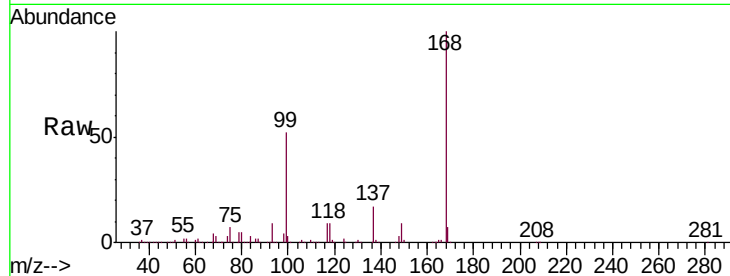




#36
 1,1-Dichloropropene
 Concen: 4.844 ug/l
 RT: 7.96 min Scan# 1045
 Delta R.T. -0.13 min
 Lab File: VW005151.D
 Acq: 06 Sep 2018 00:42

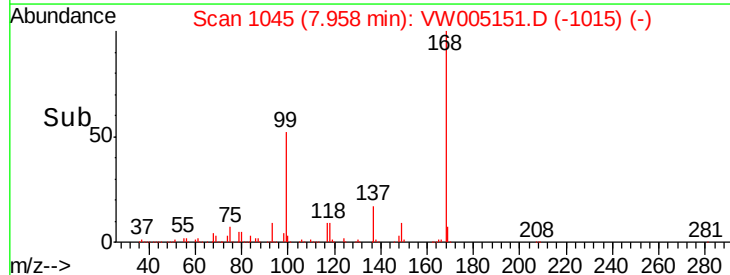
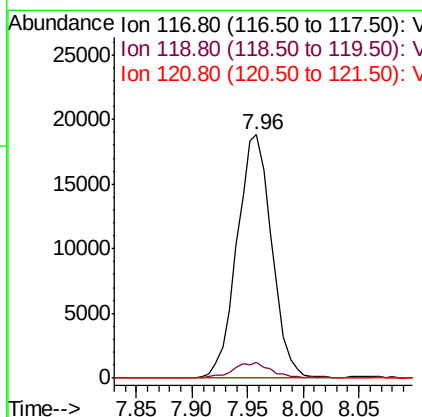
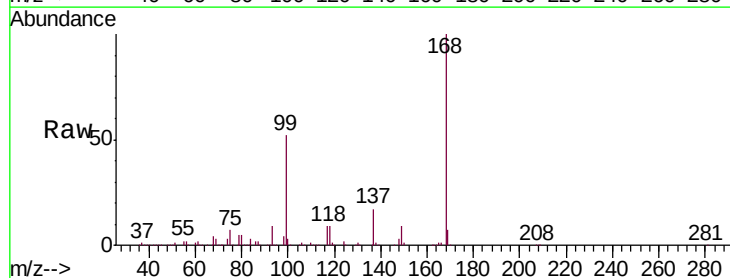
Instrument :
 MSVOA_W
 ClientSampleId :
 BZTRANS-5

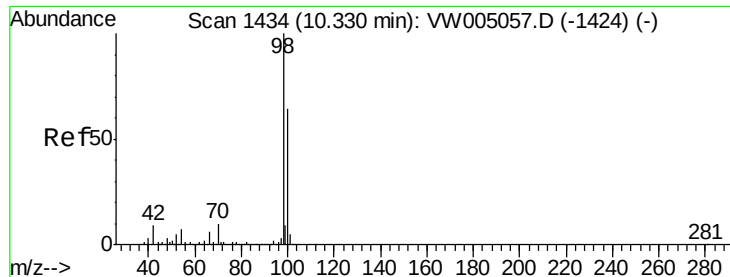
Tgt Ion: 75 Resp: 31816
 Ion Ratio Lower Upper
 75 100
 110 9.2 18.9 56.7#
 77 0.1 25.5 38.3#



#38
 Carbon Tetrachloride
 Concen: 6.524 ug/l
 RT: 7.96 min Scan# 1045
 Delta R.T. -0.12 min
 Lab File: VW005151.D
 Acq: 06 Sep 2018 00:42

Tgt Ion: 117 Resp: 40743
 Ion Ratio Lower Upper
 117 100
 119 6.5 76.6 115.0#
 121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 48.111 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW005151.D

Acq: 06 Sep 2018 00:42

Instrument :

MSVOA_W

ClientSampleId :

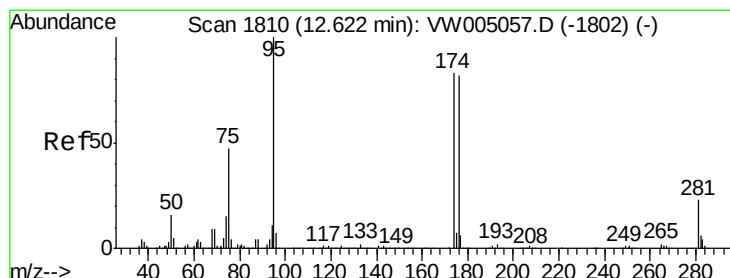
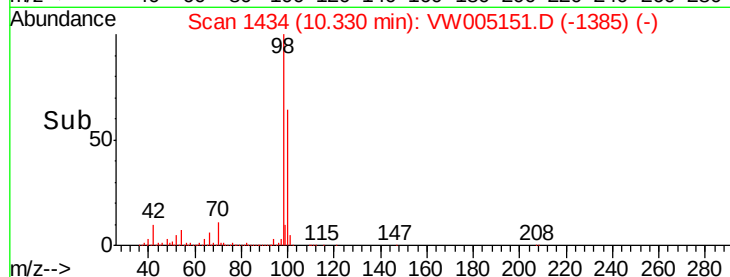
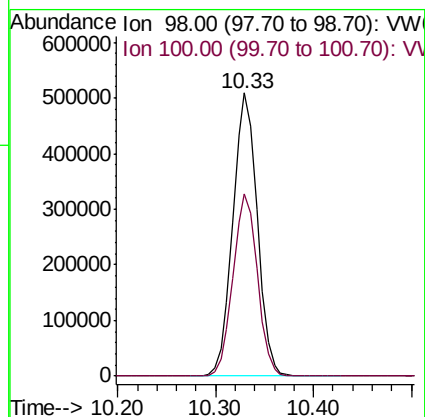
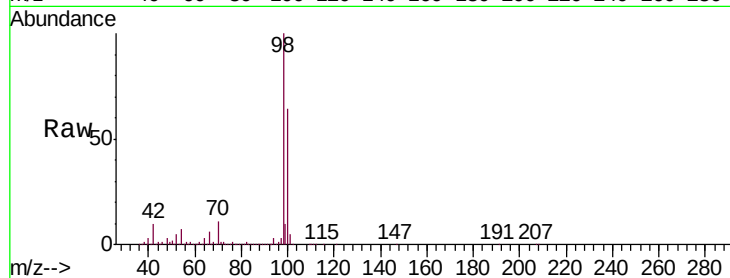
BZTRANS-5

Tgt Ion: 98 Resp: 883432

Ion Ratio Lower Upper

98 100

100 64.2 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 38.562 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW005151.D

Acq: 06 Sep 2018 00:42

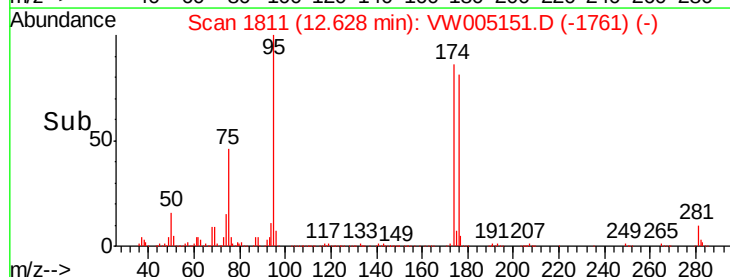
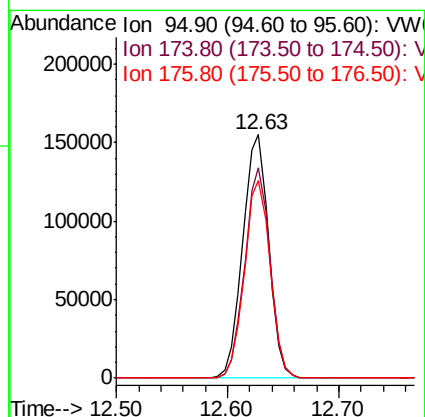
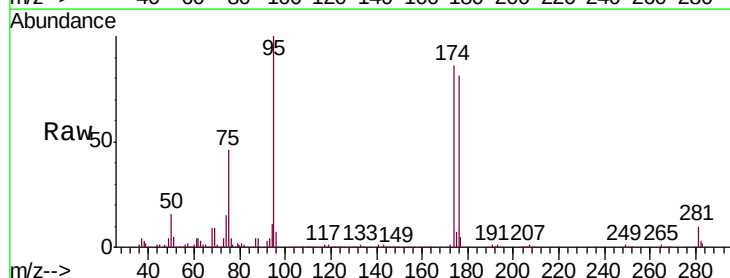
Tgt Ion: 95 Resp: 249676

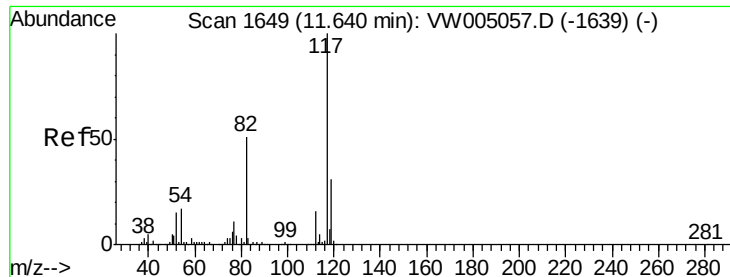
Ion Ratio Lower Upper

95 100

174 84.8 0.0 173.4

176 80.8 0.0 167.4

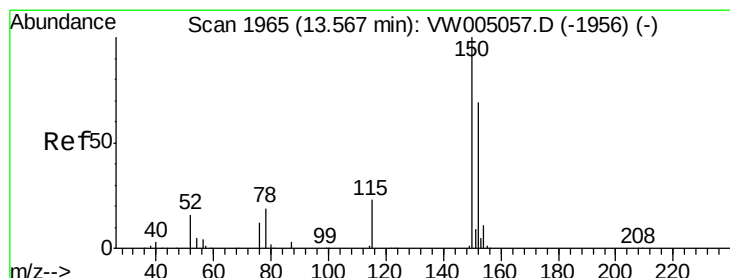
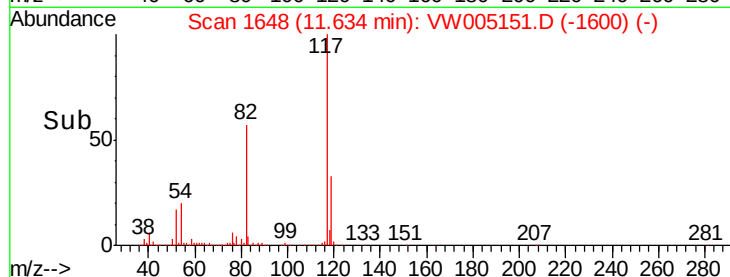
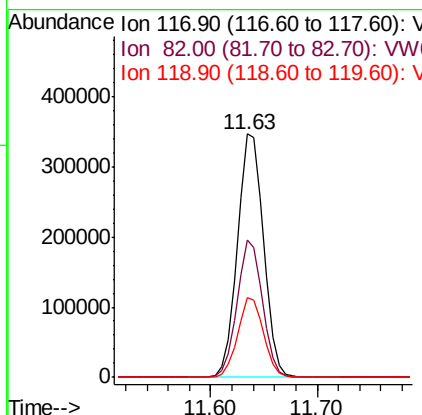
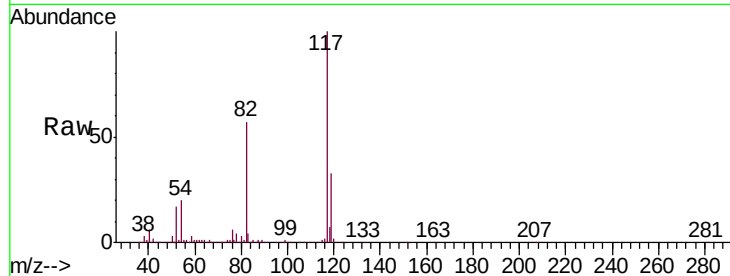




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005151.D
Acq: 06 Sep 2018 00:42

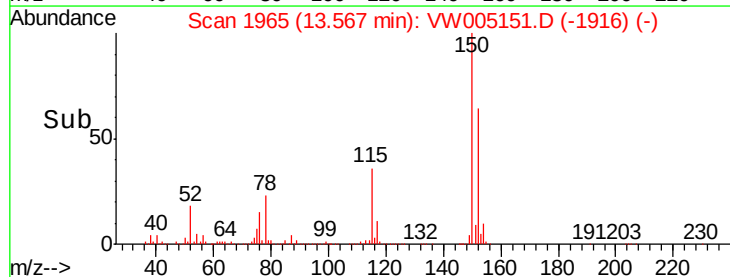
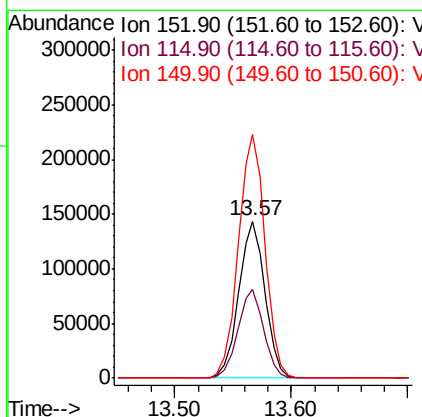
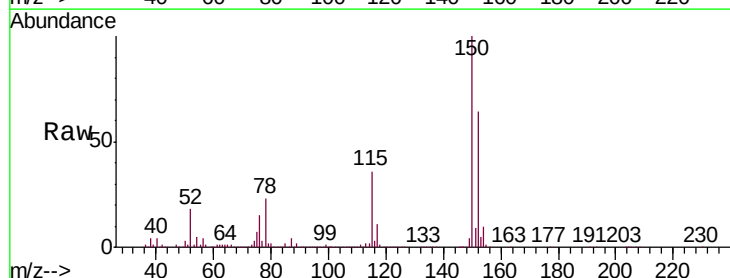
Instrument :
MSVOA_W
ClientSampleId :
BZTRANS-5

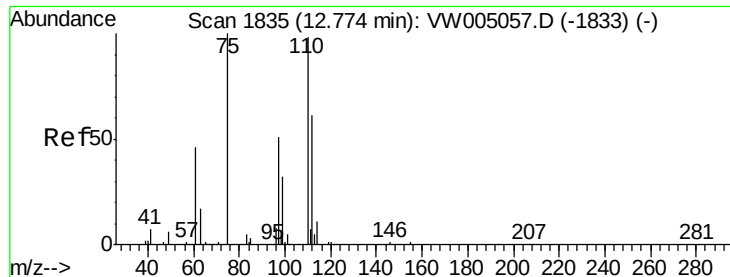
Tgt Ion:117 Resp: 599476
Ion Ratio Lower Upper
117 100
82 56.6 40.9 61.3
119 32.8 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW005151.D
Acq: 06 Sep 2018 00:42

Tgt Ion:152 Resp: 224412
Ion Ratio Lower Upper
152 100
115 56.0 27.8 83.4
150 157.7 0.0 351.4





#76

1,2,3-Trichloropropane

Concen: 69.054 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW005151.D

Acq: 06 Sep 2018 00:42

Instrument :

MSVOA_W

ClientSampleId :

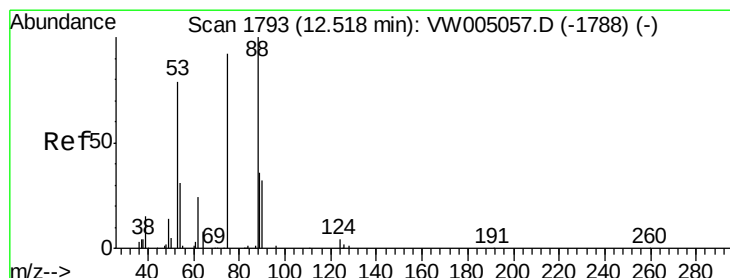
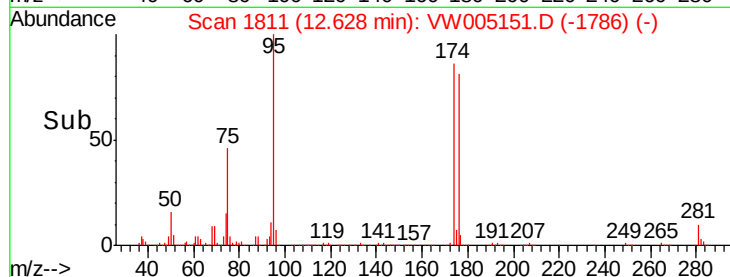
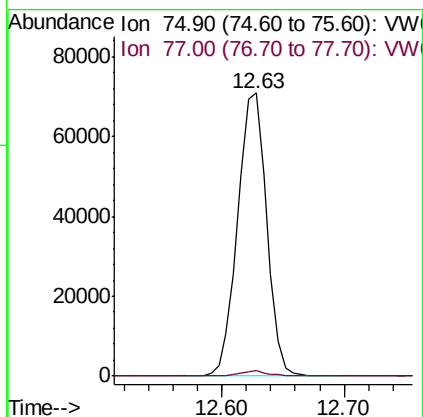
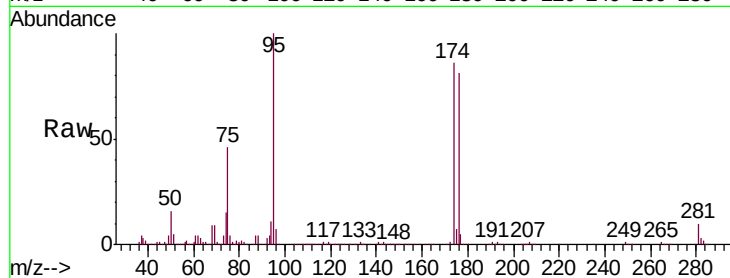
BZTRANS-5

Tgt Ion: 75 Resp: 116321

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 166.206 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.11 min

Lab File: VW005151.D

Acq: 06 Sep 2018 00:42

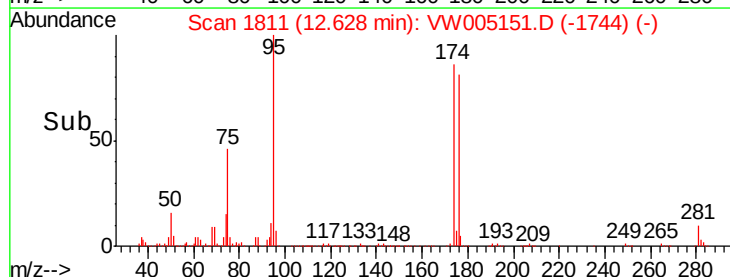
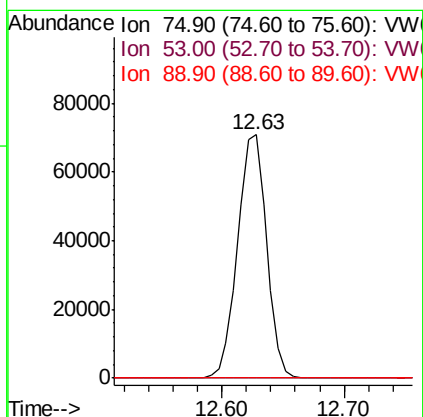
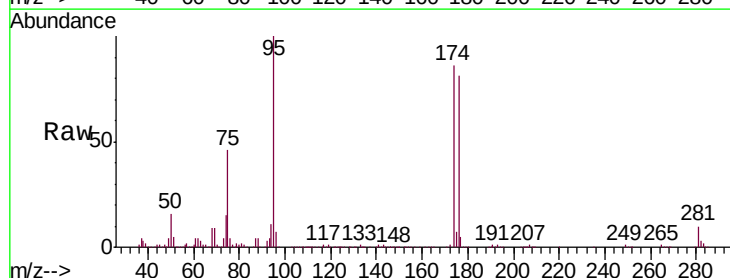
Tgt Ion: 75 Resp: 116321

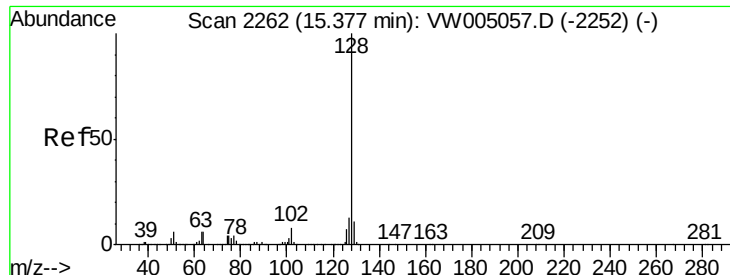
Ion Ratio Lower Upper

75 100

53 0.5 69.8 104.8#

89 0.1 36.0 54.0#





#95

Naphthalene

Concen: 4.162 ug/l

RT: 15.38 min Scan# 2263

Delta R.T. 0.01 min

Lab File: VW005151.D

Acq: 06 Sep 2018 00:42

Instrument :

MSVOA_W

ClientSampleId :

BZTRANS-5

Tgt Ion:128 Resp: 1604

Ion Ratio Lower Upper

128 100

127 19.3 10.4 15.6#

129 17.6 8.7 13.1#

