

Data File : VW005149.D
Acq On : 05 Sep 2018 23:51
Operator : SY/AP
Sample : J4720-03
Misc : 5.03G/5ML/MSVOA_W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BZTRANS-3

Quant Time: Sep 06 01:24:34 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	428178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	634182	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	456663	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	137108	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	150513	42.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.82%	
35) Dibromofluoromethane	7.89	113	135346	36.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.86%	
50) Toluene-d8	10.33	98	341436	20.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.44%	
62) 4-Bromofluorobenzene	12.62	95	106029	17.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.62%	

Target Compounds

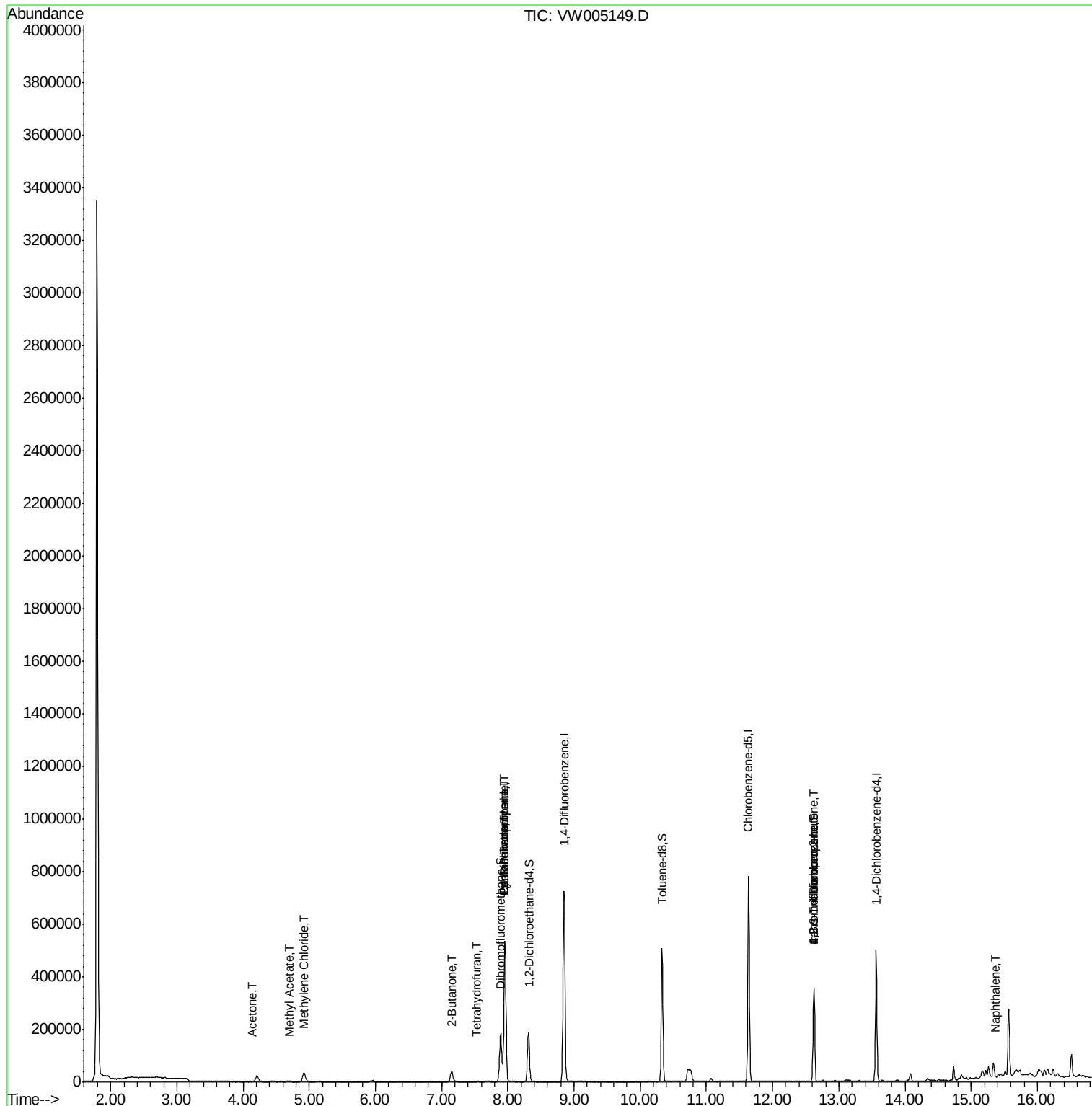
						Qvalue
5) Bromomethane	2.78	94	618	Below Cal		81
11) Tert butyl alcohol	5.20	59	166	Below Cal	#	72
16) Acetone	4.14	43	2569	3.609	ug/l	98
18) Methyl Acetate	4.69	43	3358	1.604	ug/l	92
20) Methylene Chloride	4.93	84	27373	1.951	ug/l	95
25) 2-Butanone	7.15	43	2633	2.133	ug/l #	64
29) Tetrahydrofuran	7.54	42	768	1.217	ug/l #	39
31) Cyclohexane	7.95	56	7641	1.096	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	30438	5.039	ug/l #	47
38) Carbon Tetrachloride	7.96	117	37924	6.604	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	50682	49.246	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	50682	118.529	ug/l #	15
95) Naphthalene	15.38	128	1045	4.174	ug/l #	76

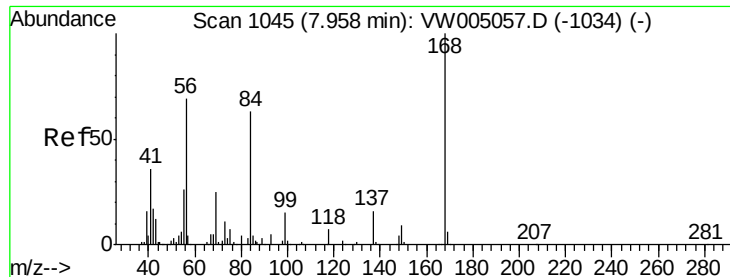
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW005149.D

Acq: 05 Sep 2018 23:51

Instrument :

MSVOA_W

ClientSampleId :

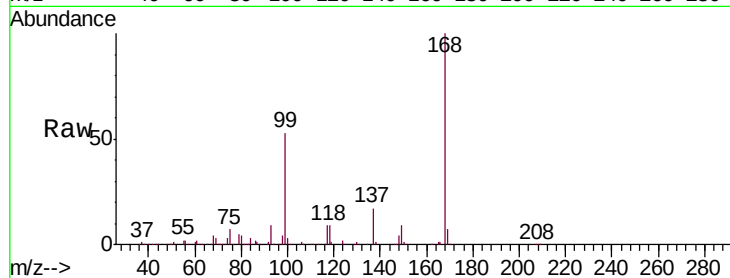
BZTRANS-3

Tgt Ion:168 Resp: 428178

Ion Ratio Lower Upper

168 100

99 53.4 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

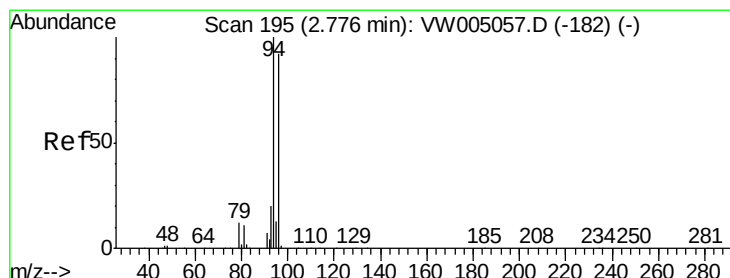
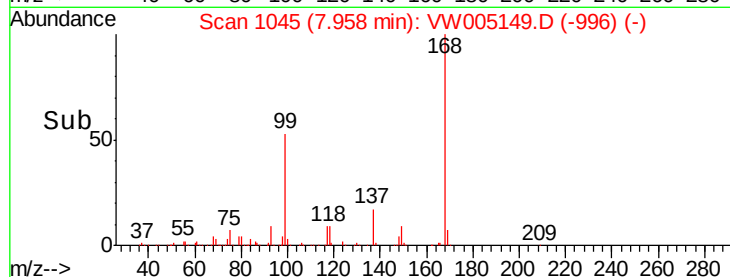
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VW005149.D

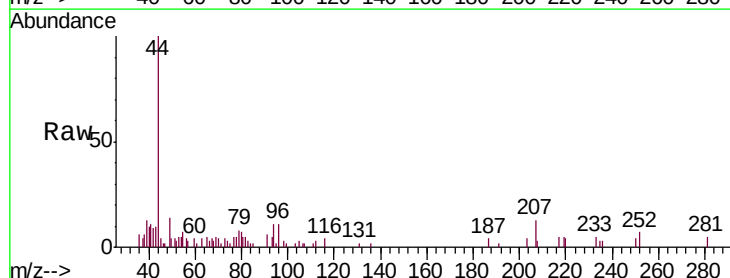
Acq: 05 Sep 2018 23:51

Tgt Ion: 94 Resp: 618

Ion Ratio Lower Upper

94 100

96 73.6 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.78

500

400

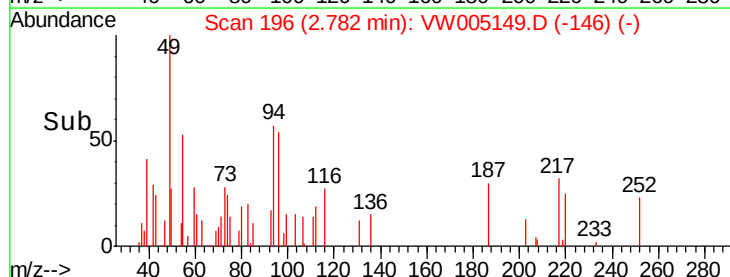
300

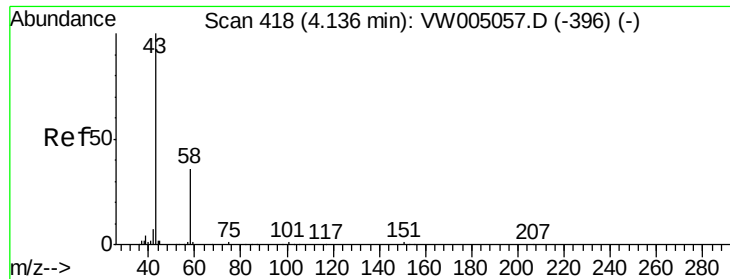
200

100

0

Time-->





#16

Acetone

Concen: 3.609 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW005149.D

Acq: 05 Sep 2018 23:51

Instrument :

MSVOA_W

ClientSampleId :

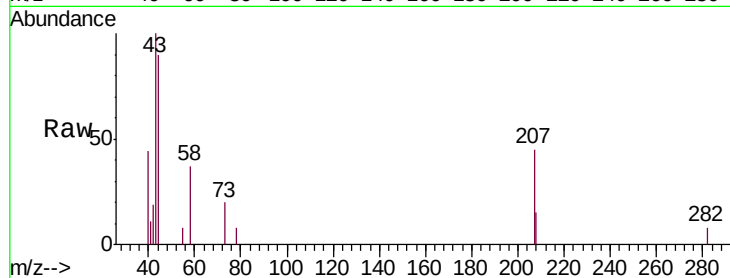
BZTRANS-3

Tgt Ion: 43 Resp: 2569

Ion Ratio Lower Upper

43 100

58 37.2 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

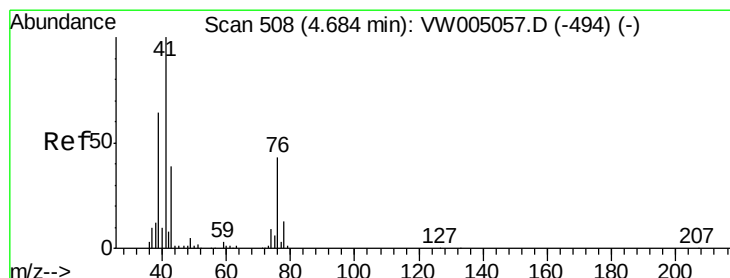
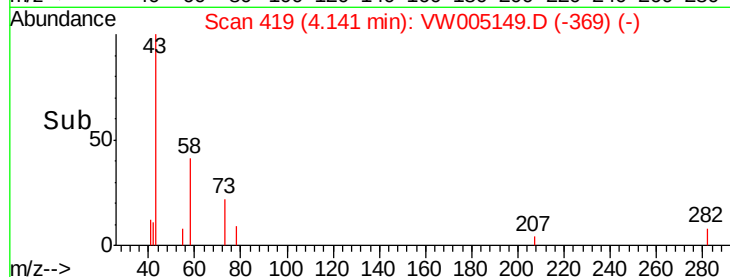
600

400

200

0

Time-->



#18

Methyl Acetate

Concen: 1.604 ug/l

RT: 4.69 min Scan# 509

Delta R.T. 0.01 min

Lab File: VW005149.D

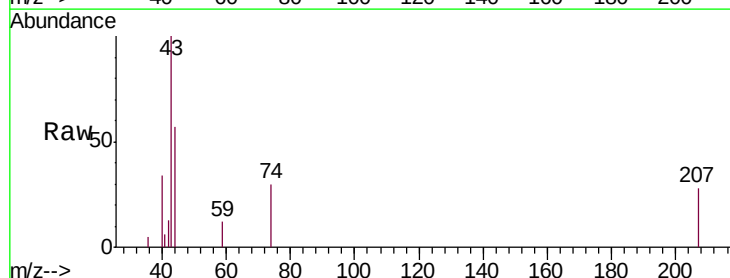
Acq: 05 Sep 2018 23:51

Tgt Ion: 43 Resp: 3358

Ion Ratio Lower Upper

43 100

74 22.0 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.69

1200

1000

800

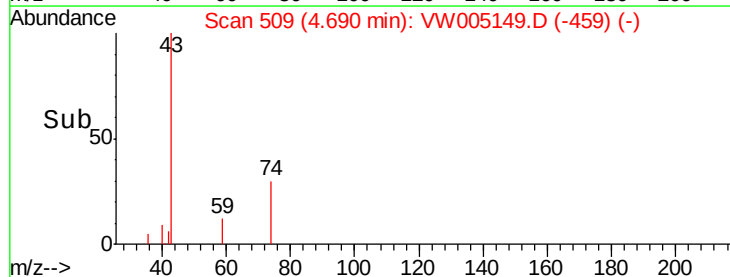
600

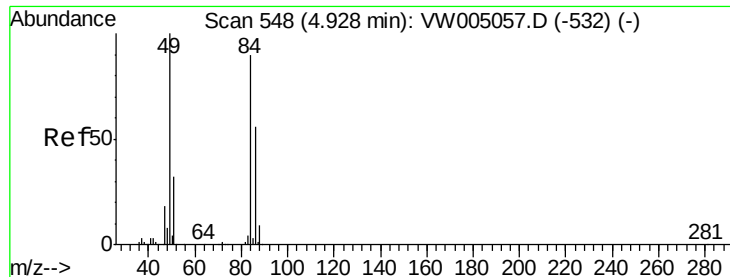
400

200

0

Time-->

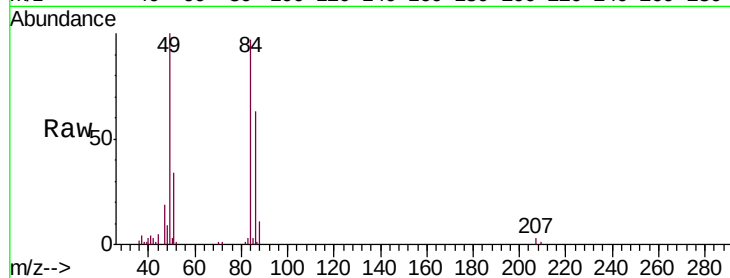




#20
Methylene Chloride
Concen: 1.951 ug/l
RT: 4.93 min Scan# 548
Delta R.T. -0.00 min
Lab File: VW005149.D
Acq: 05 Sep 2018 23:51

Instrument :
MSVOA_W
ClientSampleId :
BZTRANS-3

Tgt Ion:	84	Resp:	27373
Ion	Ratio	Lower	Upper
84	100		
49	103.1	88.7	133.1
51	34.8	28.6	42.8
86	64.8	49.4	74.2



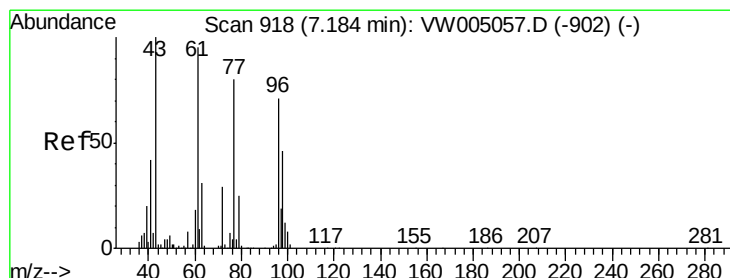
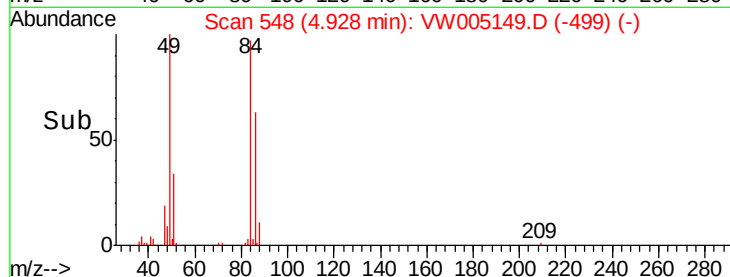
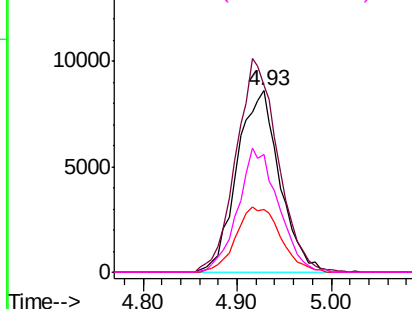
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

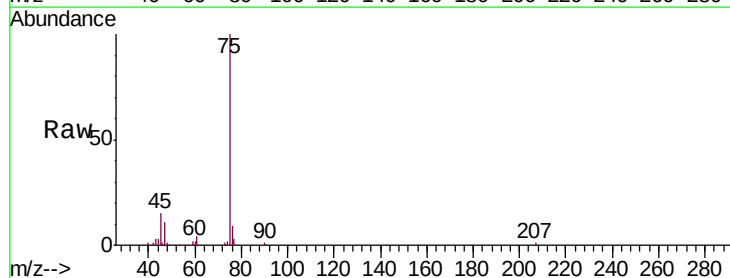
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#25
2-Butanone
Concen: 2.133 ug/l
RT: 7.15 min Scan# 913
Delta R.T. -0.03 min
Lab File: VW005149.D
Acq: 05 Sep 2018 23:51

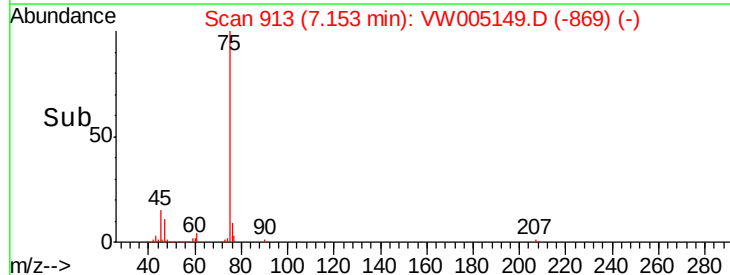
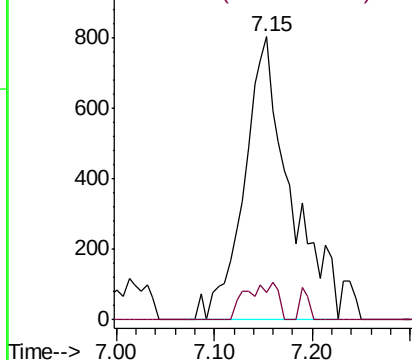
Tgt Ion:	43	Resp:	2633
Ion	Ratio	Lower	Upper
43	100		
72	9.7	23.1	34.7#

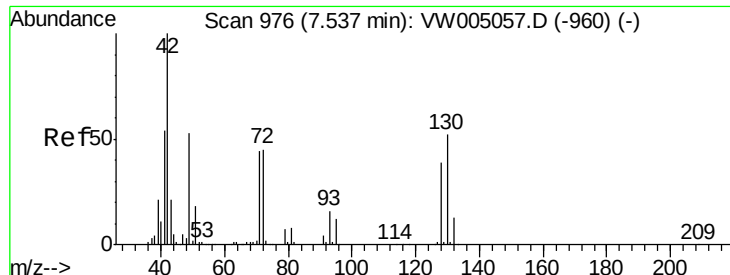


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

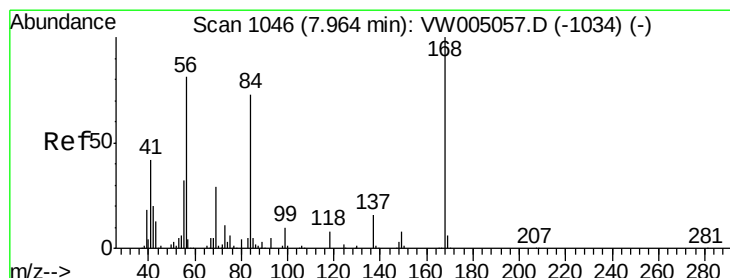
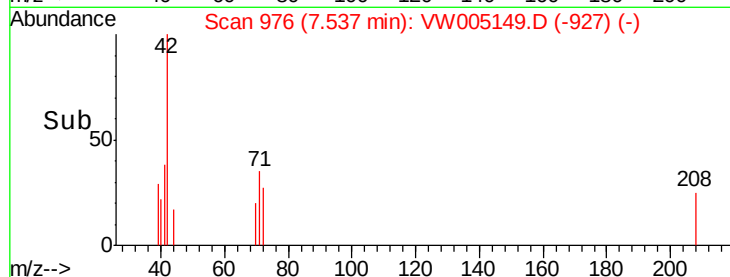
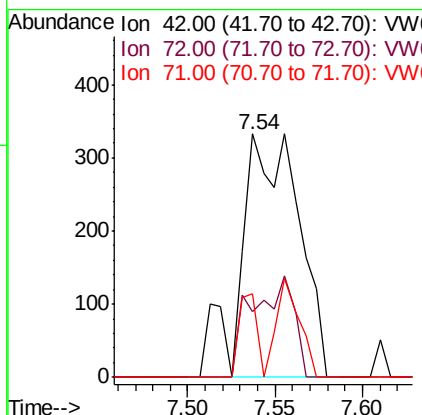
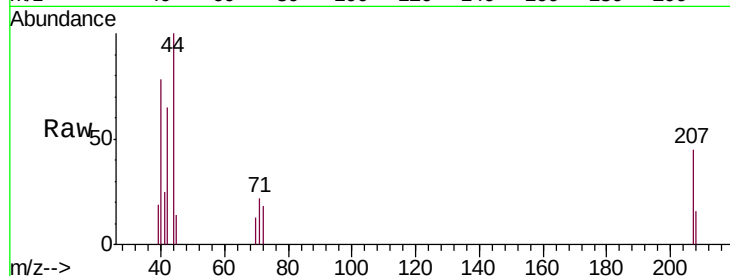




#29
Tetrahydrofuran
Concen: 1.217 ug/l
RT: 7.54 min Scan# 976
Delta R.T. -0.00 min
Lab File: VW005149.D
Acq: 05 Sep 2018 23:51

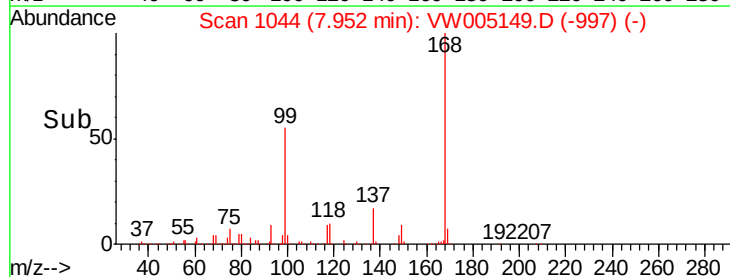
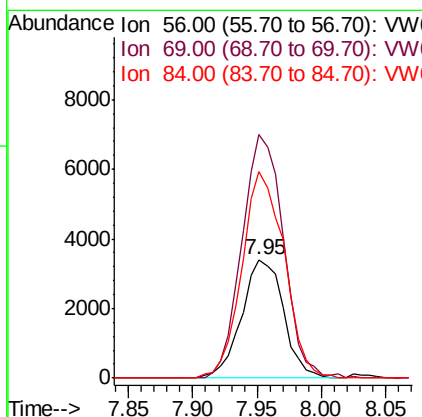
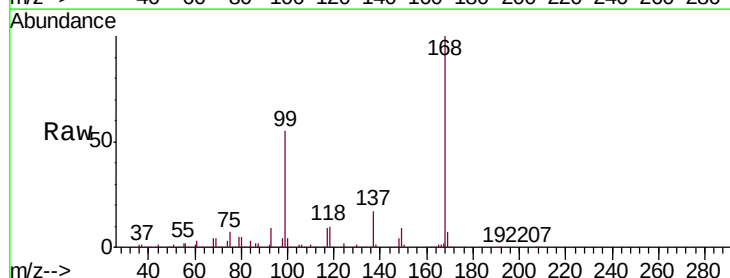
Instrument :
MSVOA_W
ClientSampleId :
BZTRANS-3

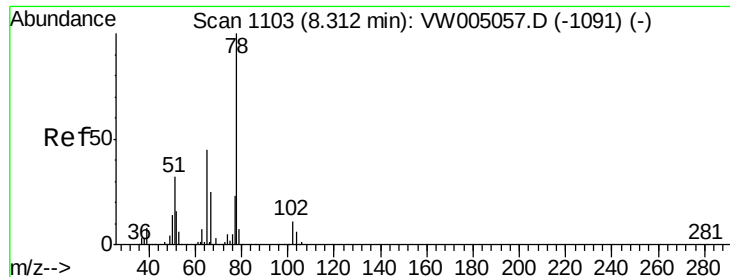
Tgt Ion: 42 Resp: 768
Ion Ratio Lower Upper
42 100
72 0.0 37.0 55.4#
71 10.7 35.0 52.6#



#31
Cyclohexane
Concen: 1.096 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW005149.D
Acq: 05 Sep 2018 23:51

Tgt Ion: 56 Resp: 7641
Ion Ratio Lower Upper
56 100
69 205.8 28.2 42.2#
84 174.3 71.8 107.8#

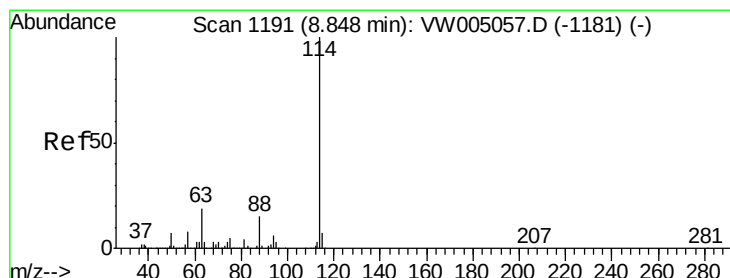
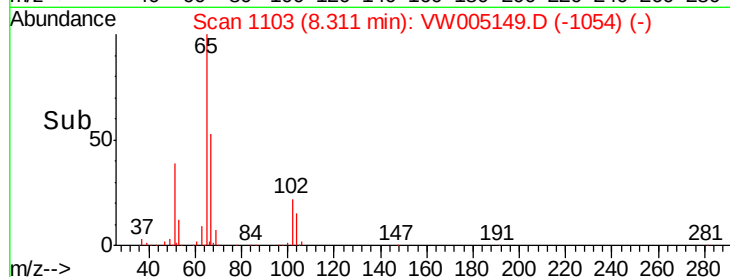
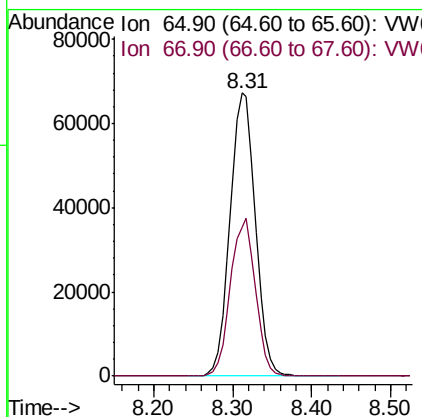
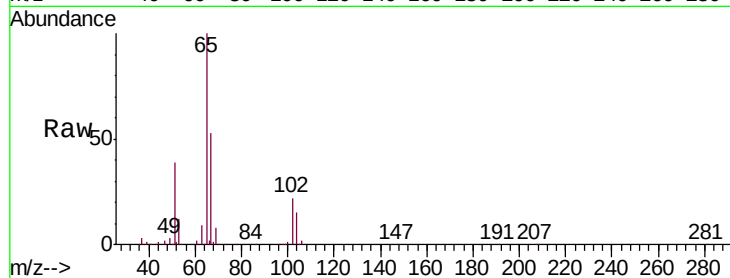




#33
 1,2-Dichloroethane-d4
 Concen: 42.405 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW005149.D
 Acq: 05 Sep 2018 23:51

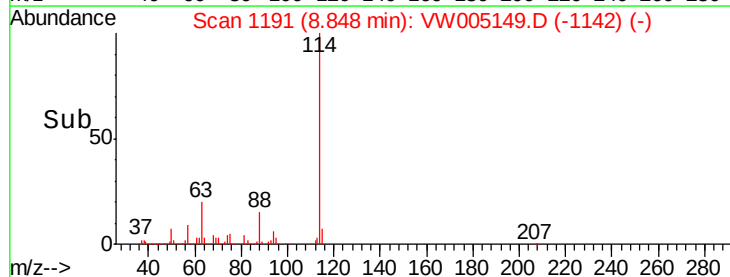
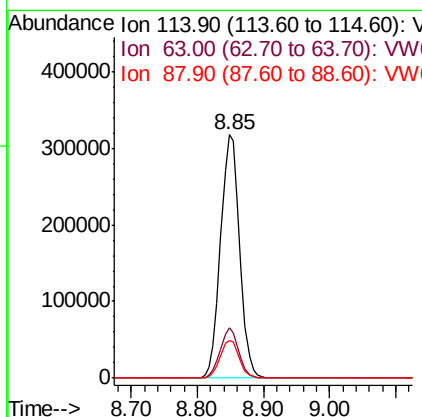
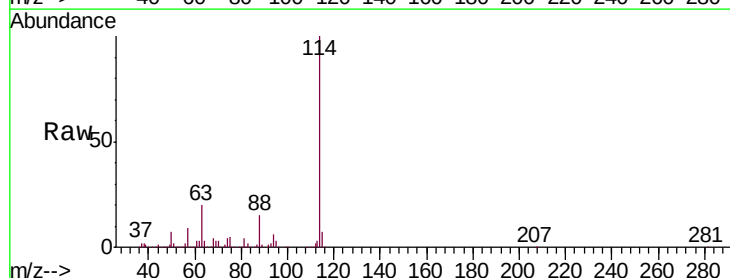
Instrument :
 MSVOA_W
 ClientSampleId :
 BZTRANS-3

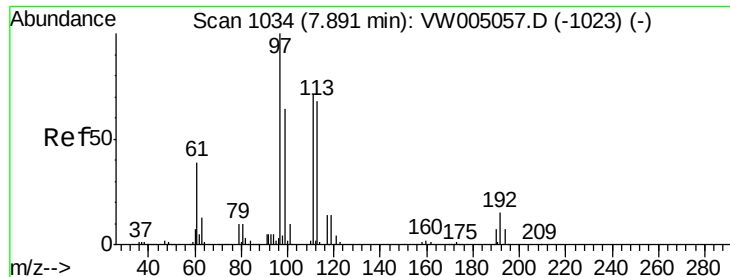
Tgt Ion: 65 Resp: 150513
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005149.D
 Acq: 05 Sep 2018 23:51

Tgt Ion: 114 Resp: 634182
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 38.0
 88 15.5 0.0 30.2

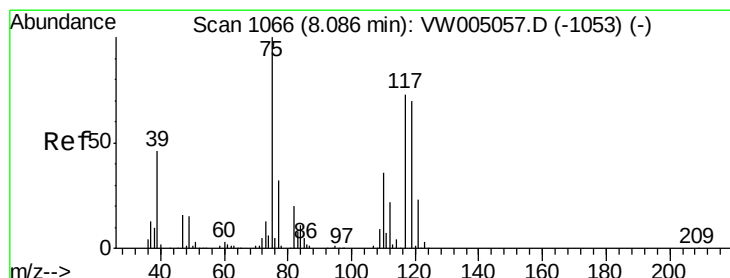
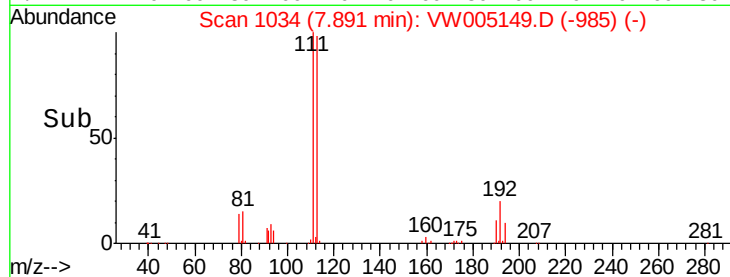
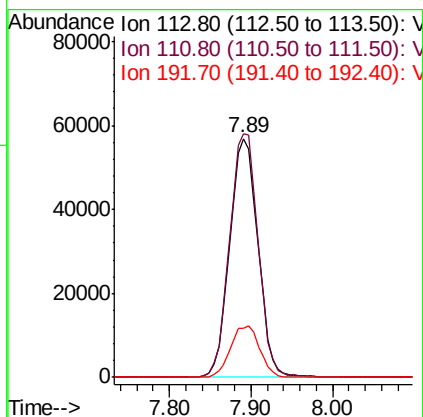
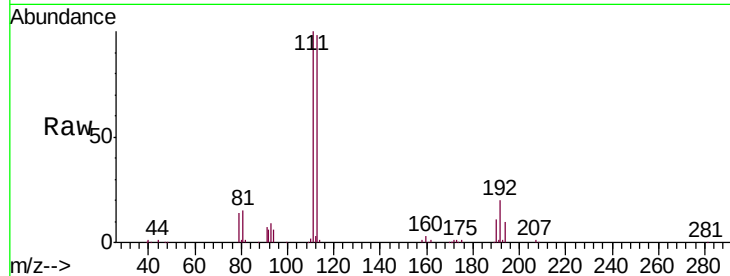




#35
 Dibromofluoromethane
 Concen: 36.931 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005149.D
 Acq: 05 Sep 2018 23:51

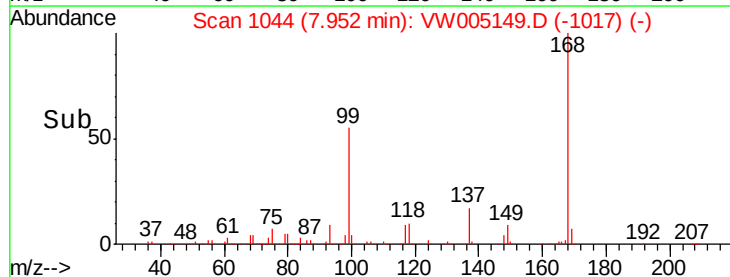
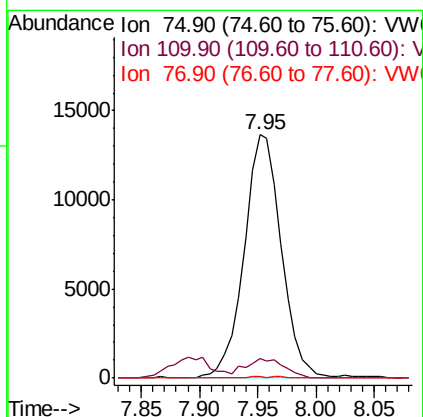
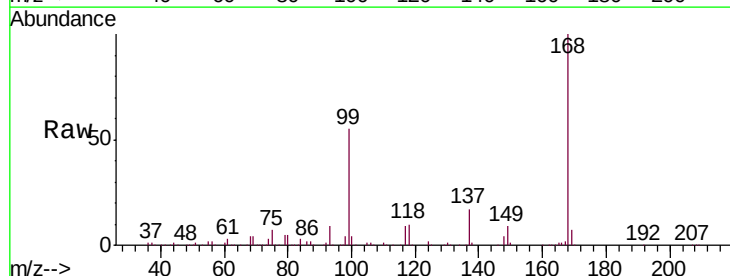
Instrument :
 MSVOA_W
 ClientSampleId :
 BZTRANS-3

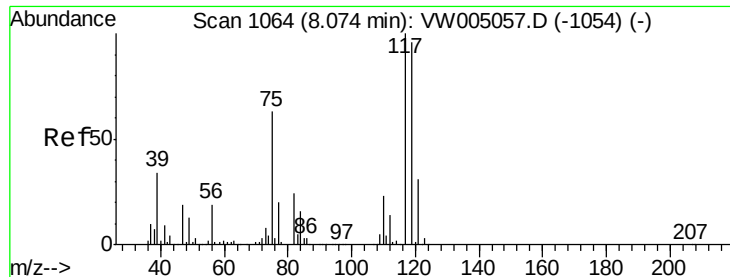
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.2	123.2
192	22.2	18.1	27.1



#36
 1,1-Dichloropropene
 Concen: 5.039 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW005149.D
 Acq: 05 Sep 2018 23:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.2	18.9	56.7#
77	0.2	25.5	38.3#





#38

Carbon Tetrachloride

Concen: 6.604 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.12 min

Lab File: VW005149.D

Acq: 05 Sep 2018 23:51

Instrument :

MSVOA_W

ClientSampleId :

BZTRANS-3

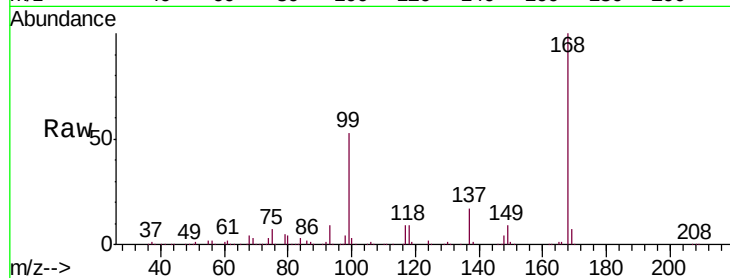
Tgt Ion:117 Resp: 37924

Ion Ratio Lower Upper

117 100

119 5.7 76.6 115.0#

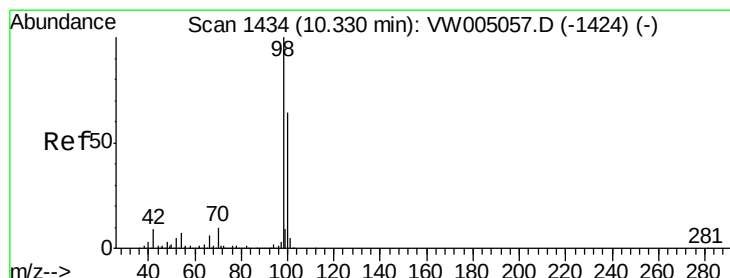
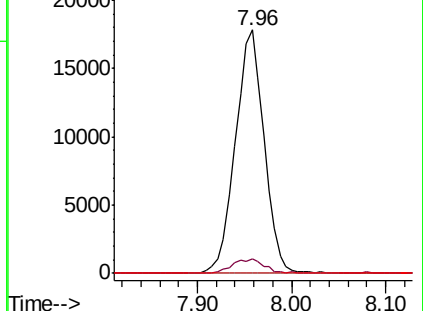
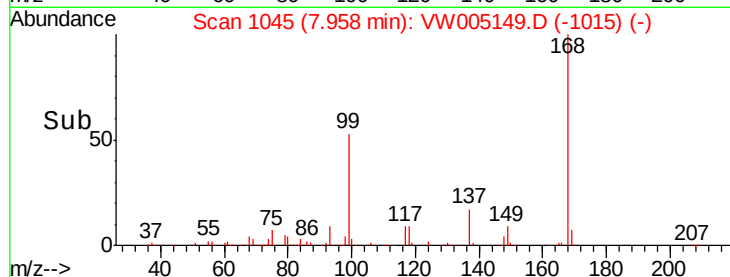
121 0.0 24.8 37.2#



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: 20.219 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW005149.D

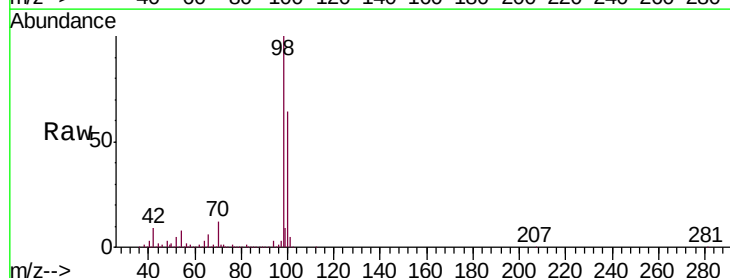
Acq: 05 Sep 2018 23:51

Tgt Ion: 98 Resp: 341436

Ion Ratio Lower Upper

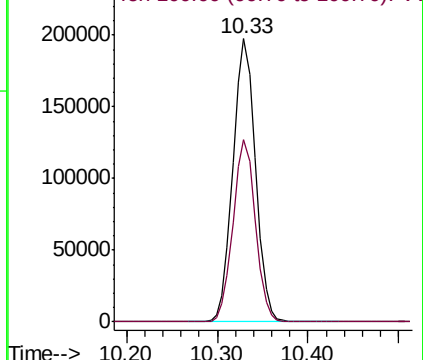
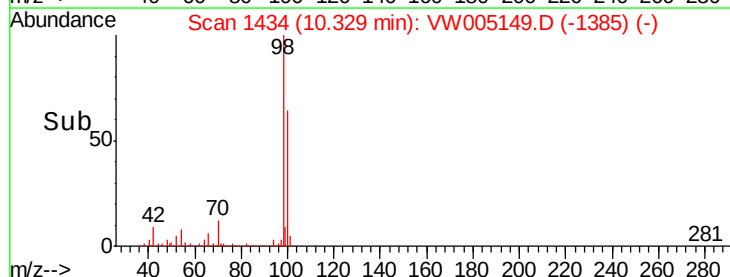
98 100

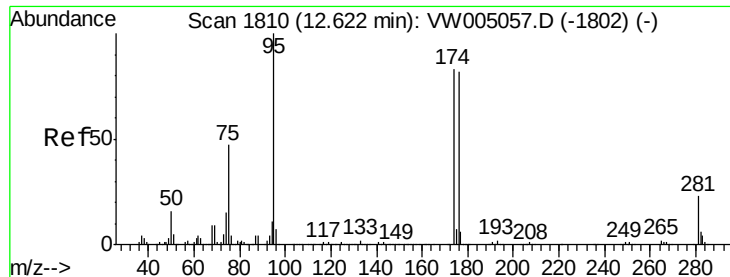
100 63.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

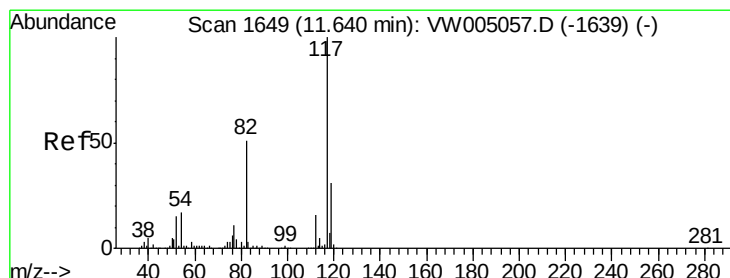
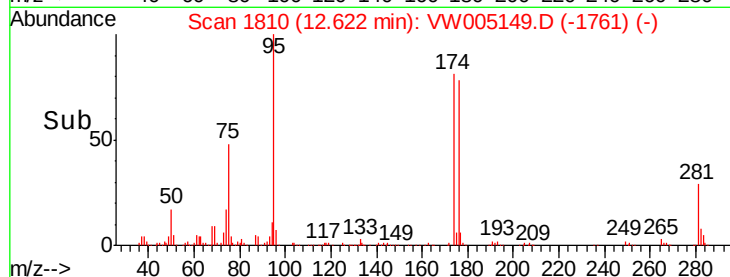
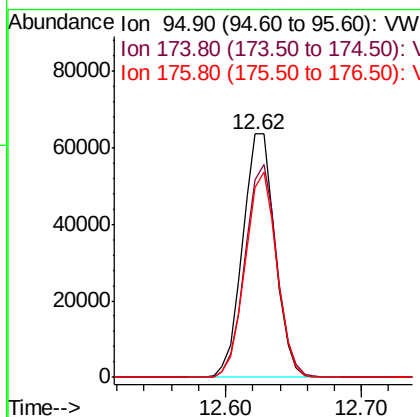
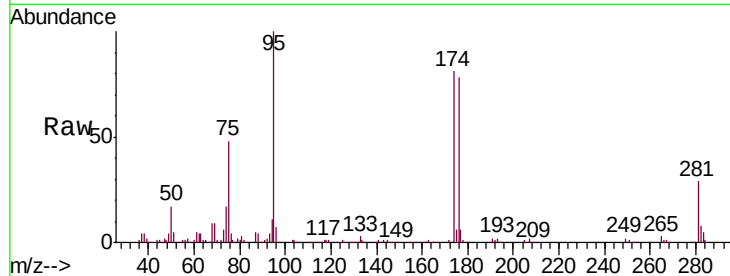




#62
4-Bromofluorobenzene
Concen: 17.807 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW005149.D
Acq: 05 Sep 2018 23:51

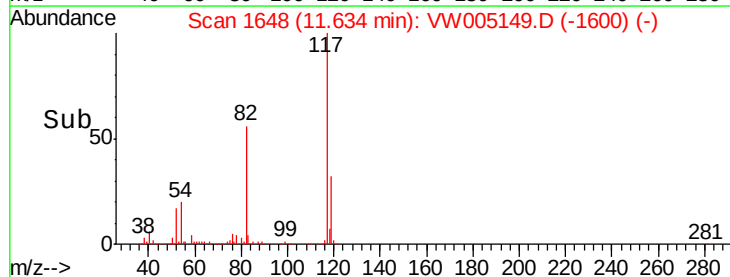
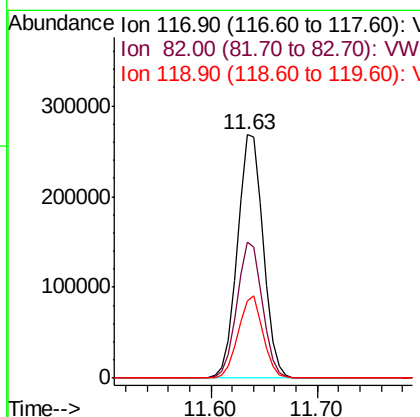
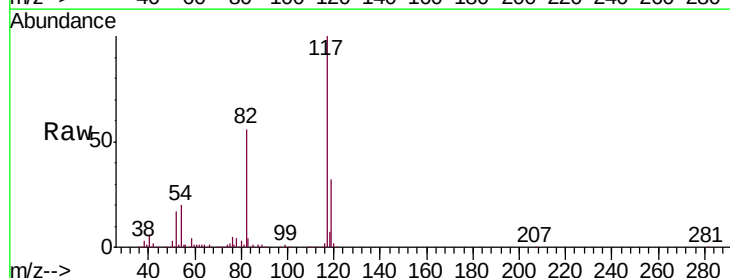
Instrument :
MSVOA_W
ClientSampleId :
BZTRANS-3

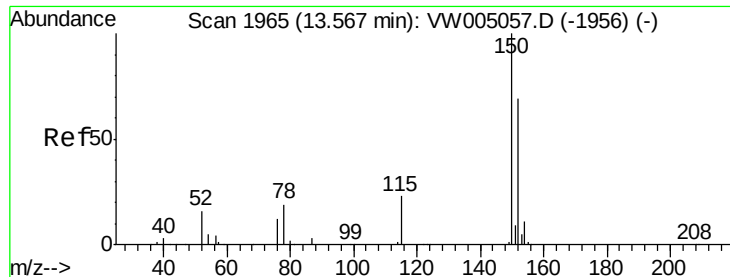
Tgt Ion: 95 Resp: 106029
Ion Ratio Lower Upper
95 100
174 86.7 0.0 173.4
176 82.4 0.0 167.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005149.D
Acq: 05 Sep 2018 23:51

Tgt Ion: 117 Resp: 456663
Ion Ratio Lower Upper
117 100
82 55.7 40.9 61.3
119 31.7 24.9 37.3



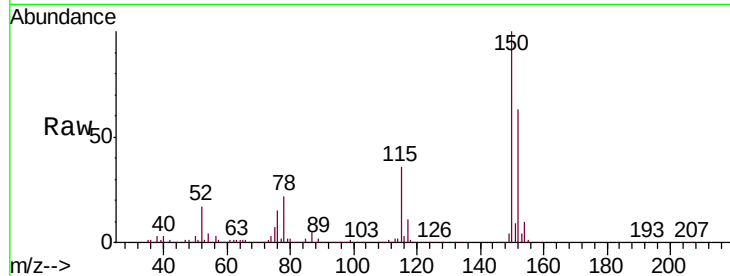


#72

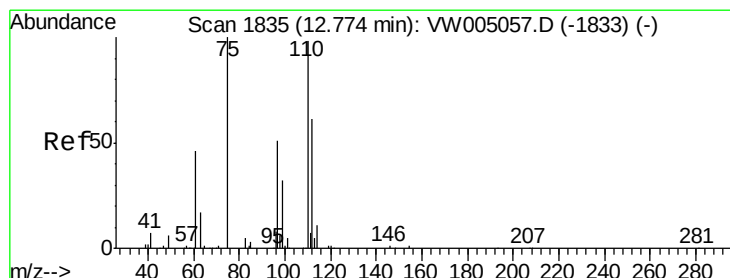
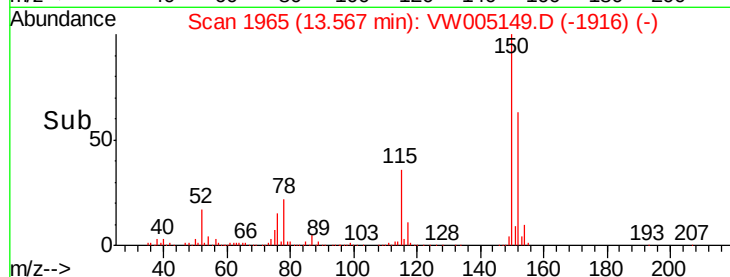
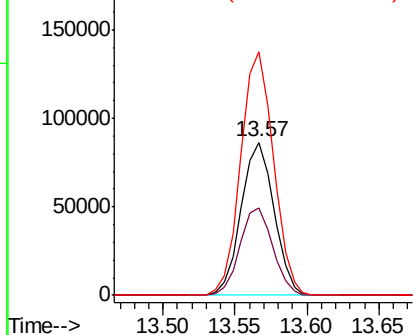
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW005149.D
Acq: 05 Sep 2018 23:51

Instrument :
MSVOA_W
ClientSampleId :
BZTRANS-3

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.0	27.8	83.4
150	158.6	0.0	351.4



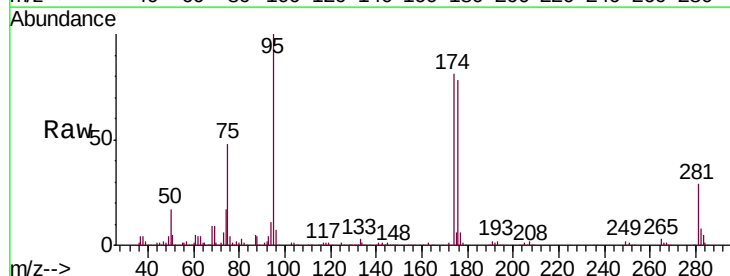
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



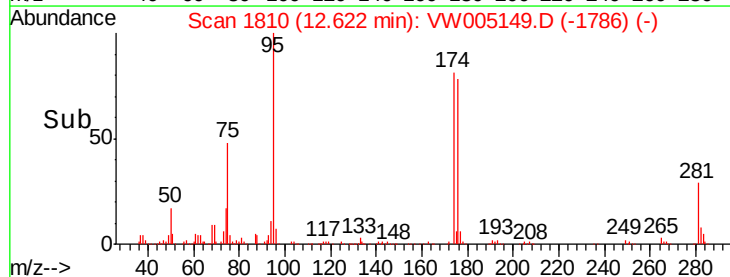
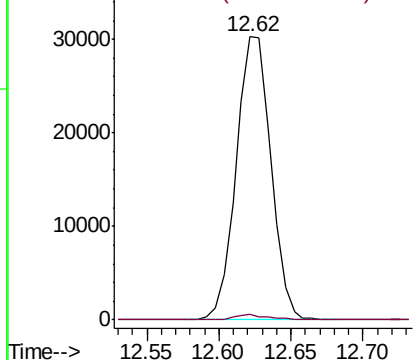
#76

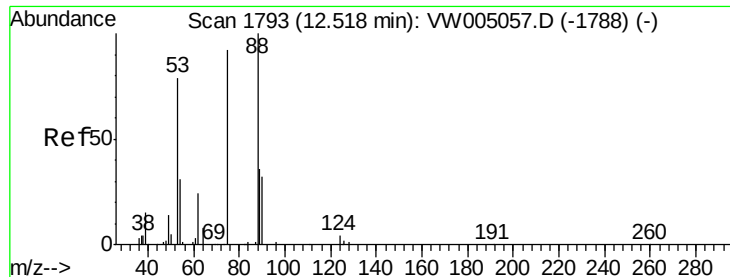
1,2,3-Trichloropropane
Concen: 49.246 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.15 min
Lab File: VW005149.D
Acq: 05 Sep 2018 23:51

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.7	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: 118.529 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW005149.D

Acq: 05 Sep 2018 23:51

Instrument :

MSVOA_W

ClientSampleId :

BZTRANS-3

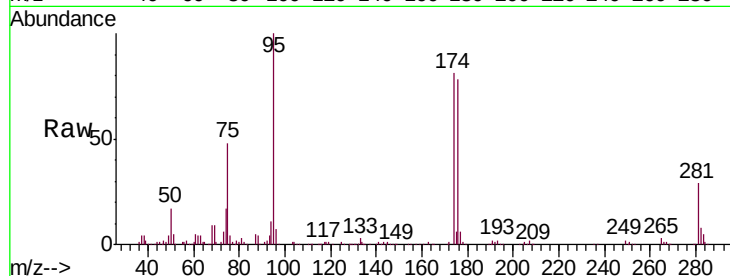
Tgt Ion: 75 Resp: 50682

Ion Ratio Lower Upper

75 100

53 0.2 69.8 104.8#

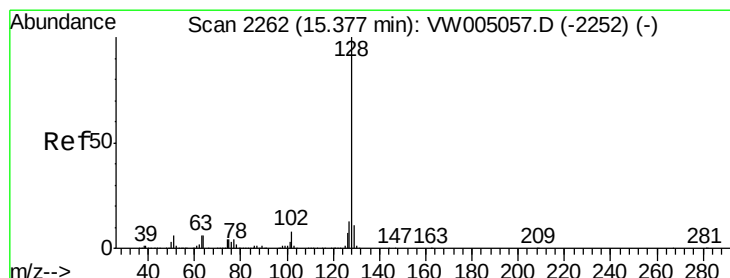
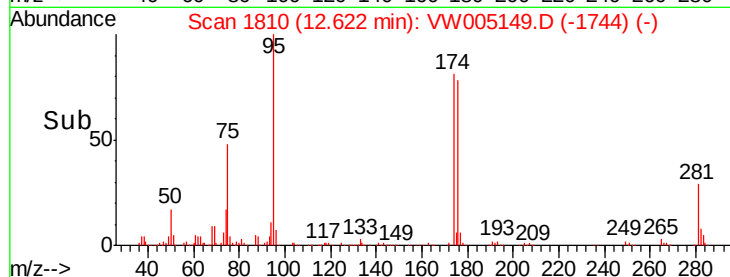
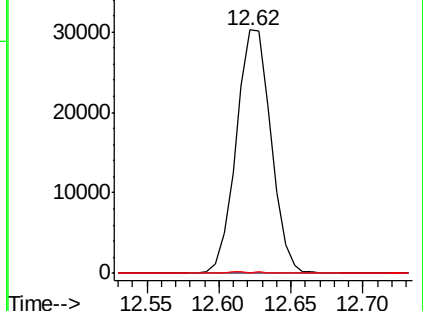
89 0.5 36.0 54.0#



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: 4.174 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW005149.D

Acq: 05 Sep 2018 23:51

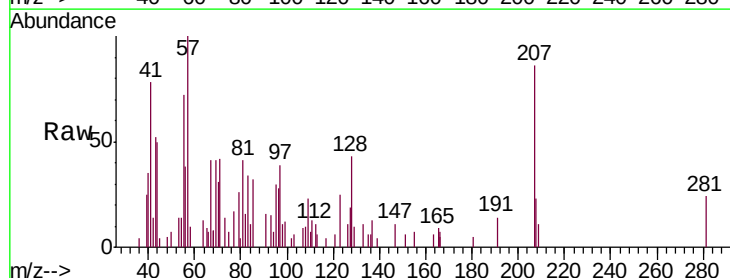
Tgt Ion: 128 Resp: 1045

Ion Ratio Lower Upper

128 100

127 28.0 10.4 15.6#

129 13.7 8.7 13.1#



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

