

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090518\
 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 04:05:43 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	150513	42.41	ug/l	0.00
Spiked Amount			Recovery	=	84.82%	
35) Dibromofluoromethane	7.89	113	135346	36.93	ug/l	0.00
Spiked Amount			Recovery	=	73.86%	
50) Toluene-d8	10.33	98	341436	20.22	ug/l	0.00
Spiked Amount			Recovery	=	40.44%	
62) 4-Bromofluorobenzene	12.62	95	106029	17.81	ug/l	0.00
Spiked Amount			Recovery	=	35.62%	

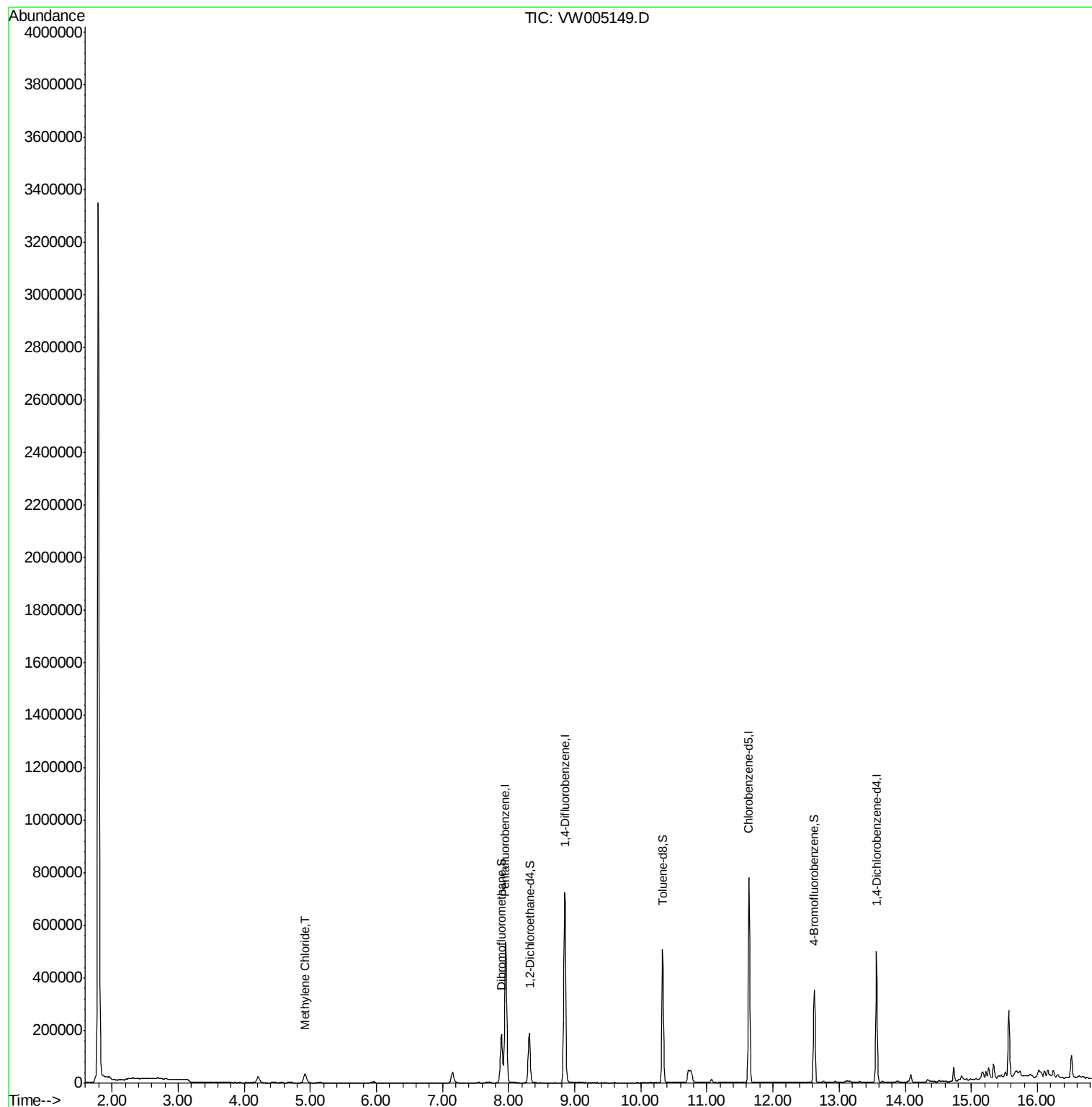
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.93	84	27373	1.95	ug/l	95

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090518\
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 04:05:43 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 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 :

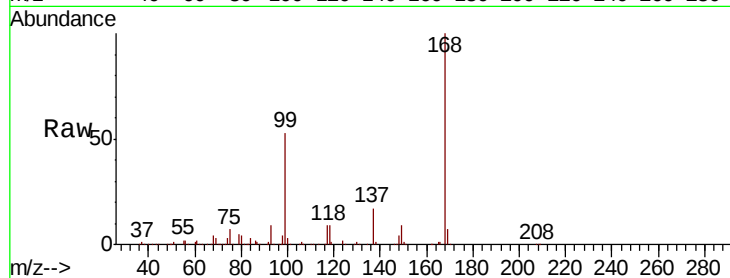
BZTRANS-3

Tot 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

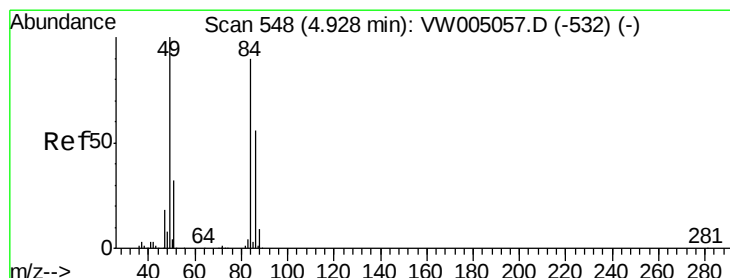
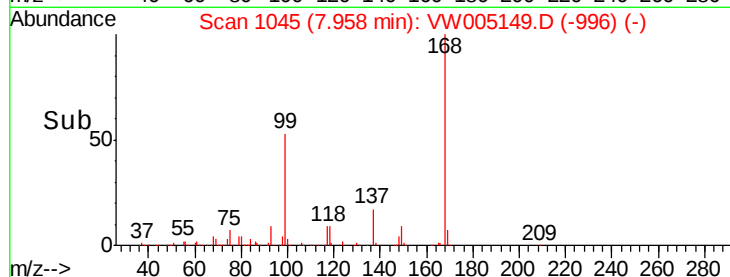
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 1.95 ug/l

RT: 4.93 min Scan# 548

Delta R.T. -0.00 min

Lab File: VW005149.D

Acq: 05 Sep 2018 23:51

Tgt Ion: 84 Resp: 27373

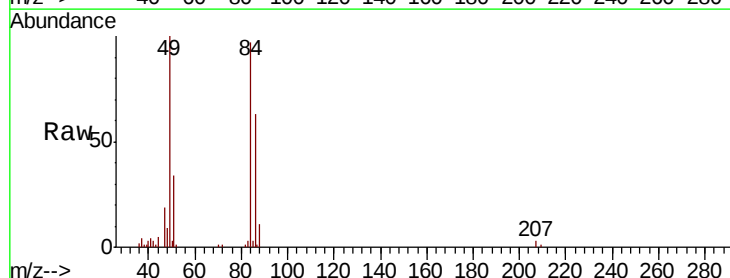
Ion Ratio Lower Upper

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

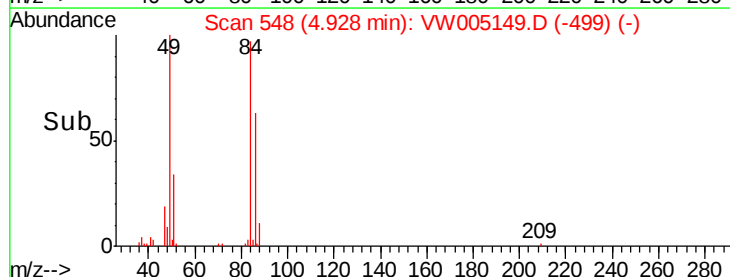
15000

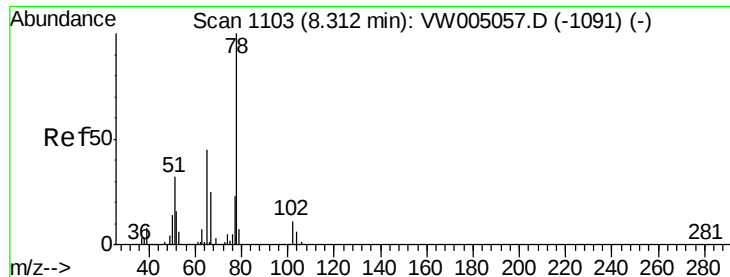
10000

5000

0

Time--> 4.80 4.90 5.00

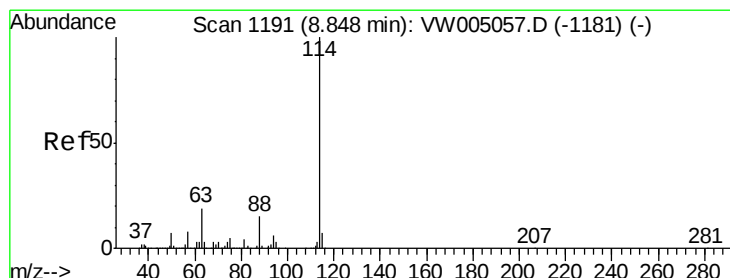
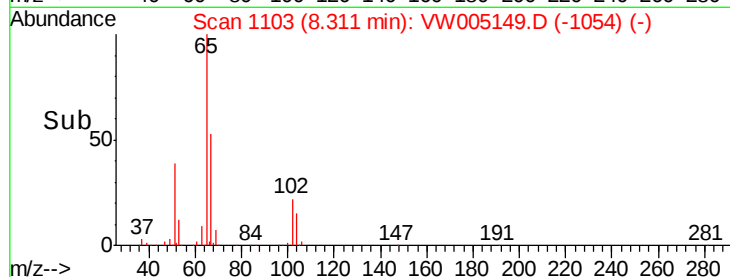
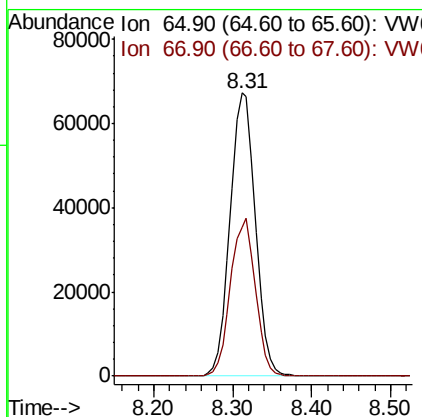
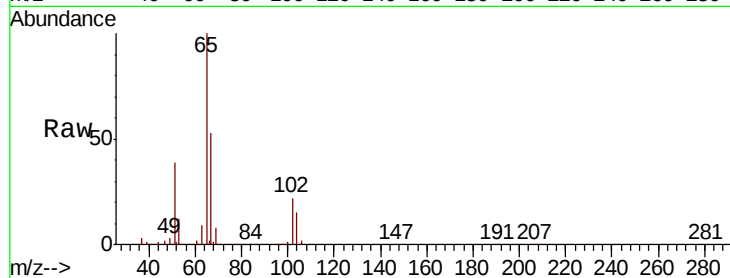




#33
 1,2-Dichloroethane-d4
 Concen: 42.41 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW005149.D
 Acq: 05 Sep 2018 23:51

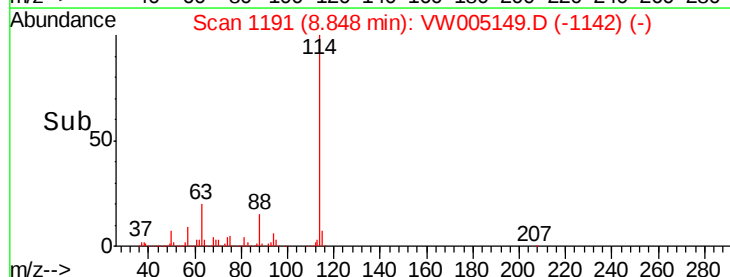
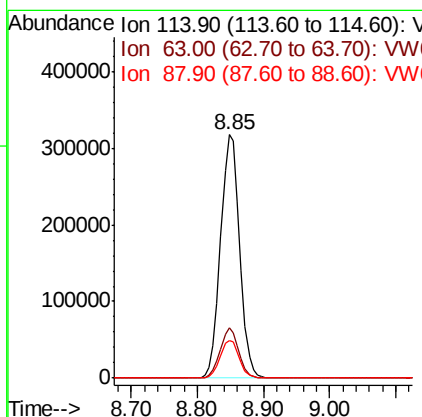
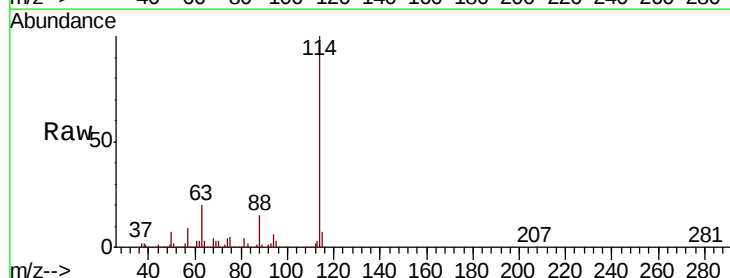
Instrument :
 MSVOA_W
 ClientSampleId :
 BZTRANS-3

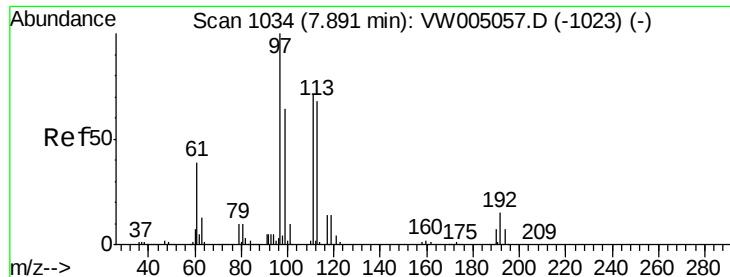
Tot Ion: 65 Resp: 150513
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 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

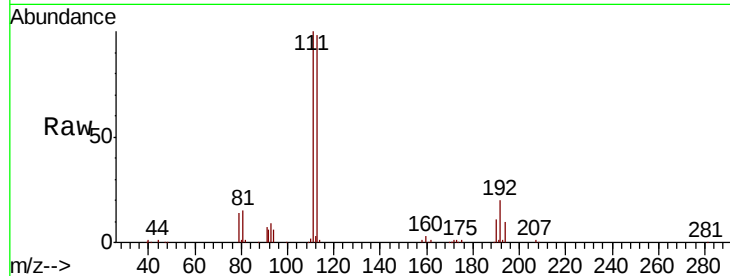




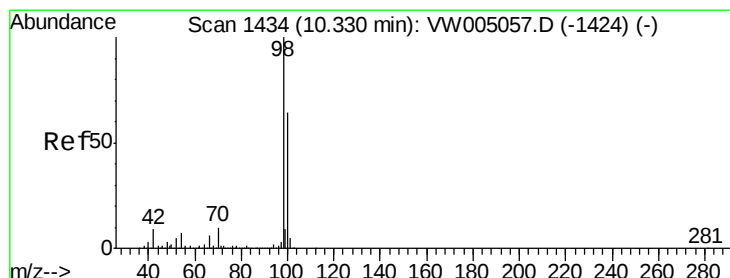
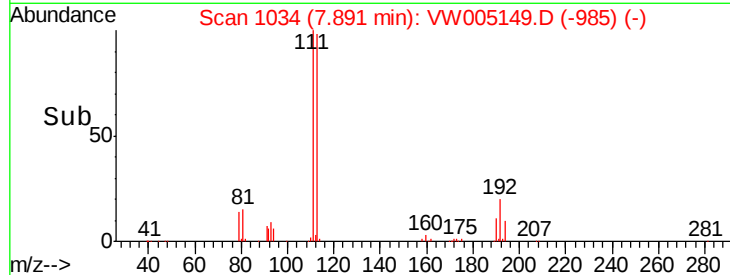
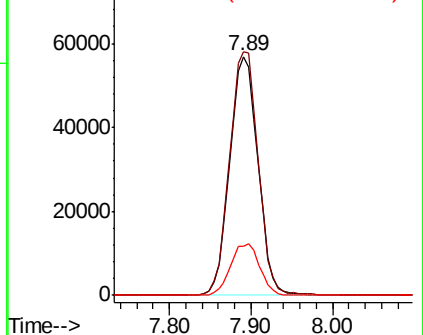
#35
 Dibromofluoromethane
 Concen: 36.93 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005149.D
 Acq: 05 Sep 2018 23:51

Instrument :
 MSVOA_W
 ClientSampleId :
 BZTRANS-3

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

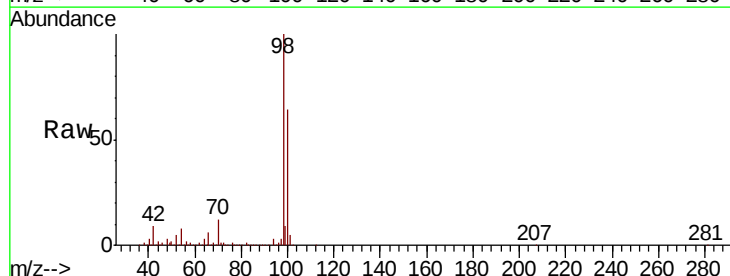


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

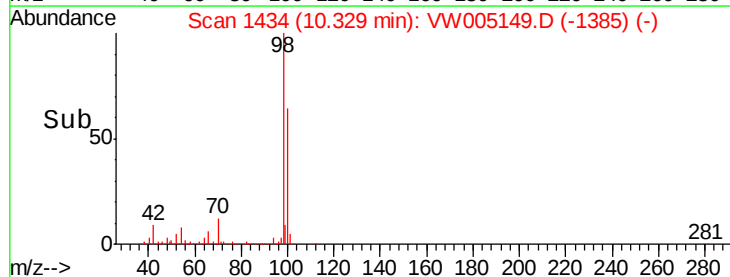
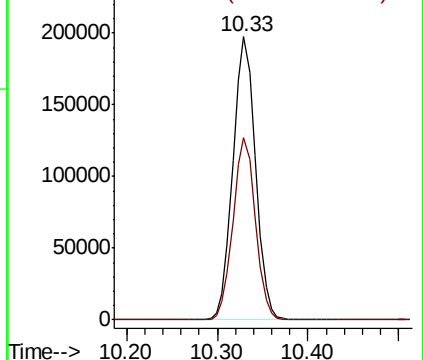


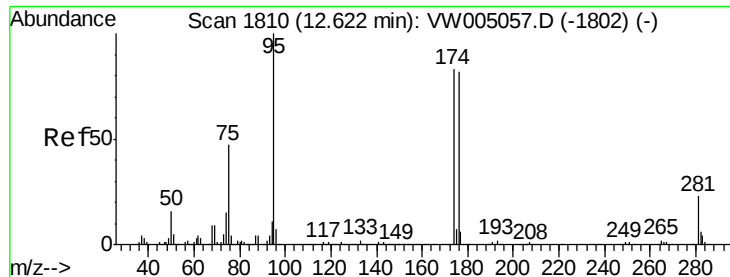
#50
 Toluene-d8
 Concen: 20.22 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW005149.D
 Acq: 05 Sep 2018 23:51

Tgt Ion	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

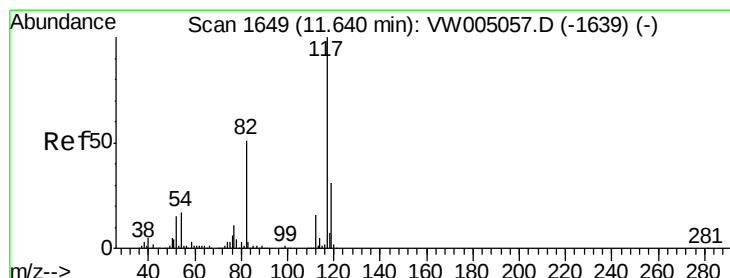
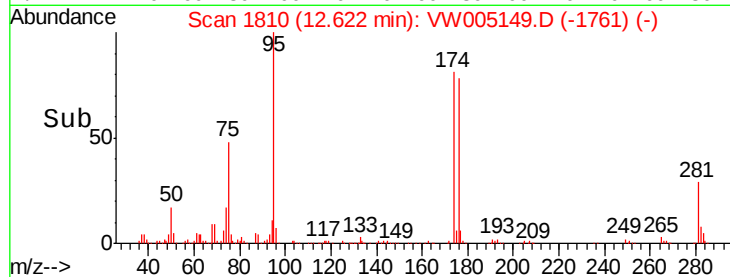
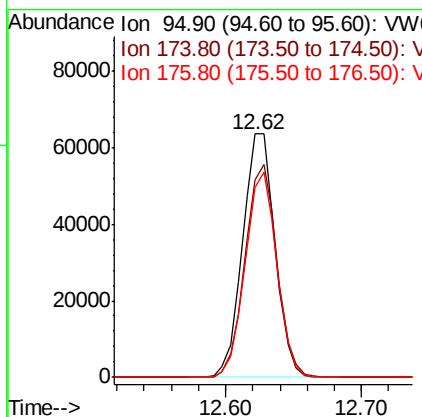
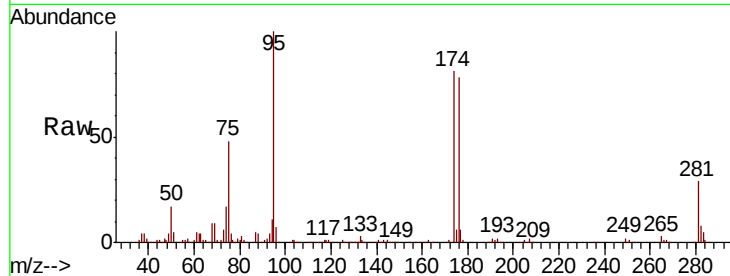




#62
4-Bromofluorobenzene
Concen: 17.81 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW005149.D
Acq: 05 Sep 2018 23:51

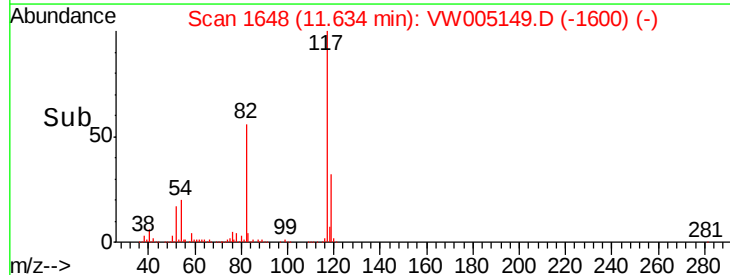
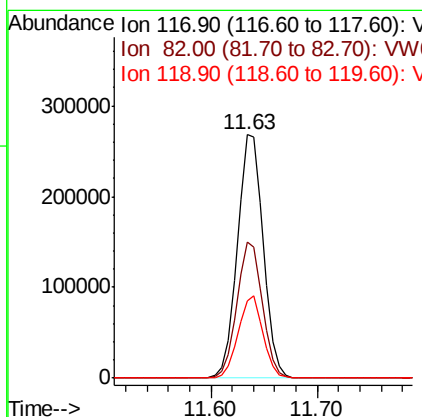
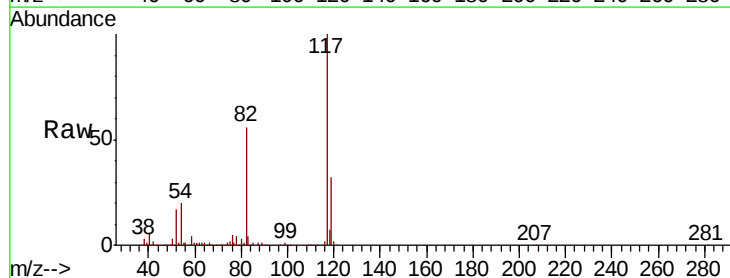
Instrument :
MSVOA_W
ClientSampleId :
BZTRANS-3

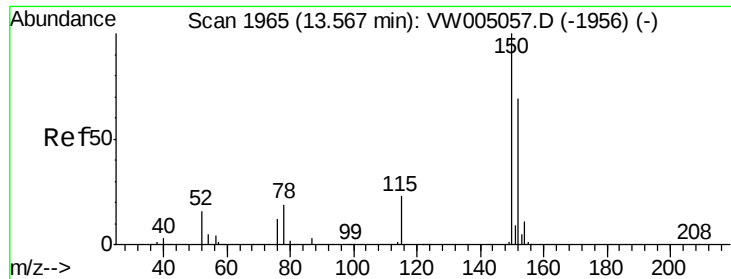
Tot Ion	95	Resp	106029
Ion Ratio	Lower	Upper	
95	100		
174	86.7	0.0	173.4
176	82.4	0.0	167.4



#63
Chlorobenzene-d5
Concen: 50.00 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: 50.00 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

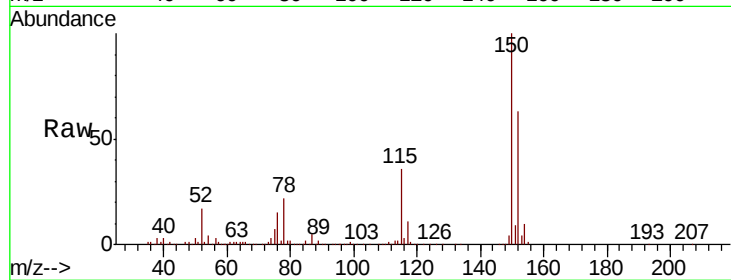
Tot Ion:152 Resp: 137108

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

