

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD083018\
 Data File : VD059922.D
 Acq On : 30 Aug 2018 12:28
 Operator : JC/SY
 Sample : VD0830SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0830SBL01

Manual Integrations
 APPROVED

MMDadoda
 8/31/2018 3:36:40 PM

Quant Time: Aug 31 12:47:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 03:03:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	1227856	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.43	114	1678833	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.28	117	1371253	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.38	152	736476	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	497895	48.11	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	96.22%	
35) Dibromofluoromethane	6.31	113	640750	48.68	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	97.36%	
50) Toluene-d8	9.45	98	1780764	48.75	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	97.50%	
62) 4-Bromofluorobenzene	12.42	95	698936	47.11	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	94.22%	
Target Compounds						
20) Methylene Chloride	3.69	84	129962m	7.14	ug/l	Qvalue

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

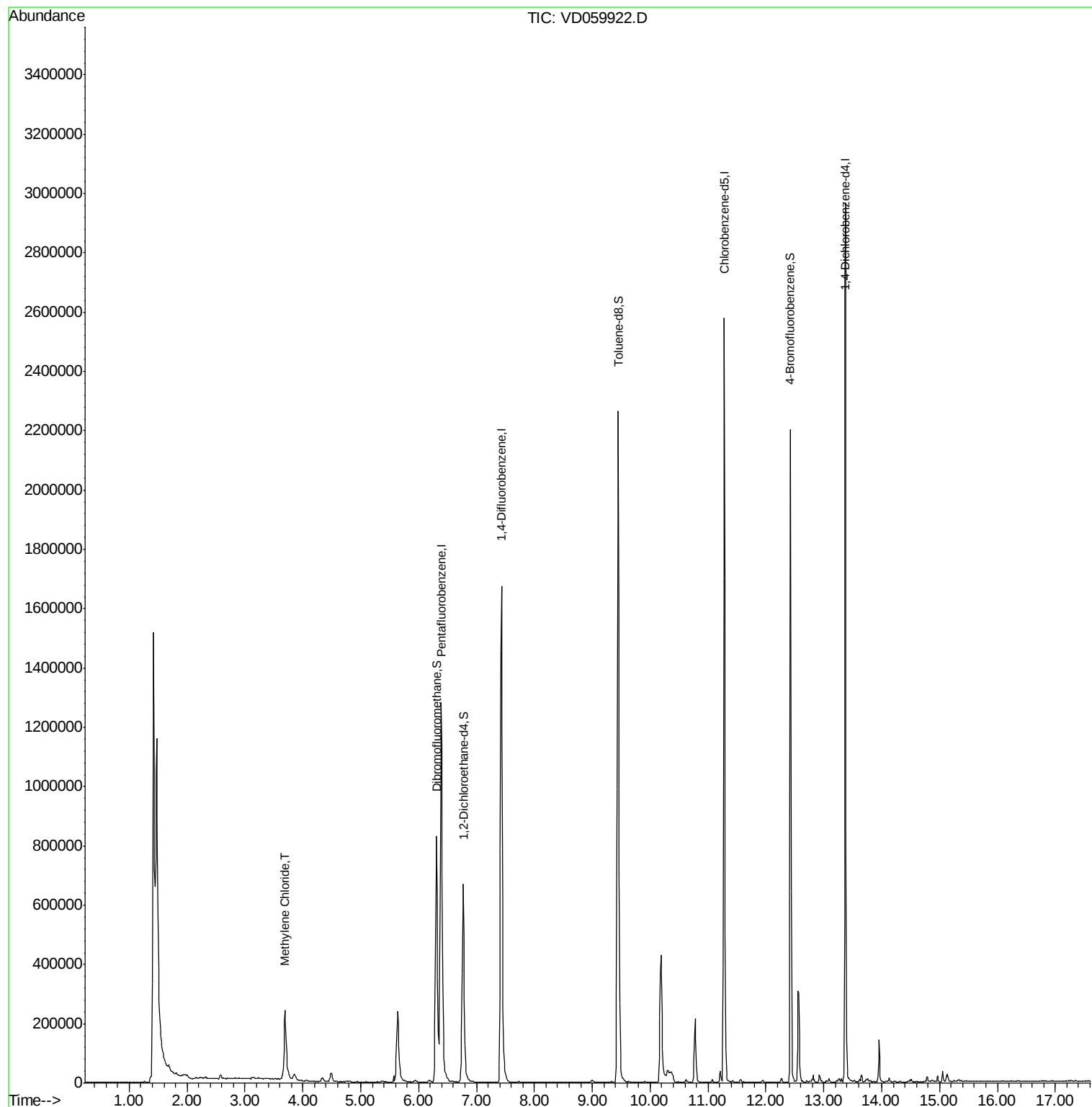
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD083018\
Data File : VD059922.D
Acq On : 30 Aug 2018 12:28
Operator : JC/SY
Sample : VD0830SBL01
Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

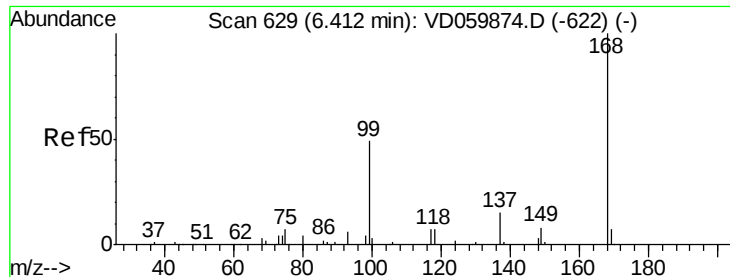
Instrument :
MSVOA_D
ClientSampleId :
VD0830SBL01

Manual Integrations
APPROVED

MMDadoda
8/31/2018 3:36:40 PM

Quant Time: Aug 31 12:47:48 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 03:03:08 2018
Response via : Initial Calibration





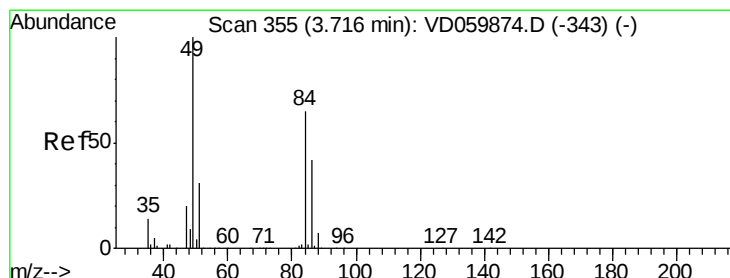
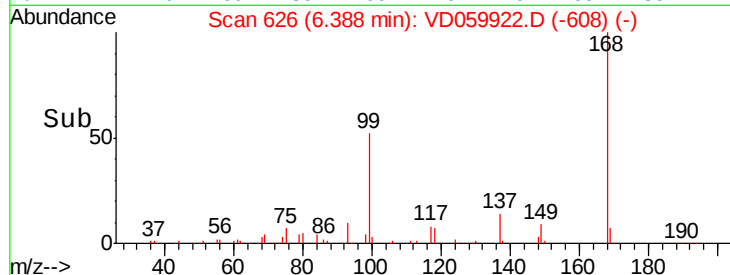
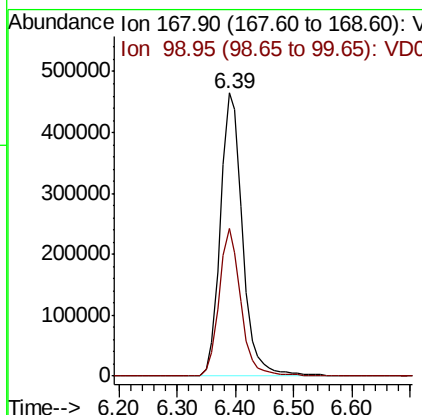
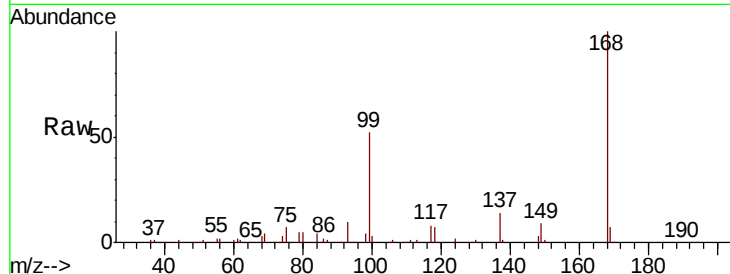
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 6.39 min Scan# 626
Delta R.T. -0.02 min
Lab File: VD059922.D
Acq: 30 Aug 2018 12:28

Instrument :
MSVOA_D
ClientSampleId :
VD0830SBL01

Tot Ion:168 Resp: 1227856
Ion Ratio Lower Upper
168 100
99 52.4 42.2 63.2

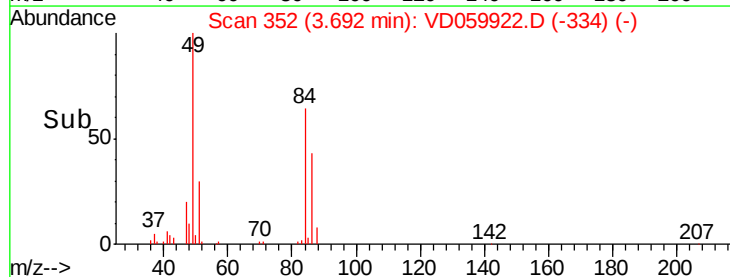
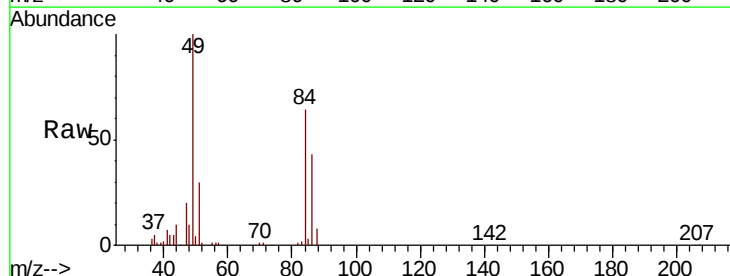
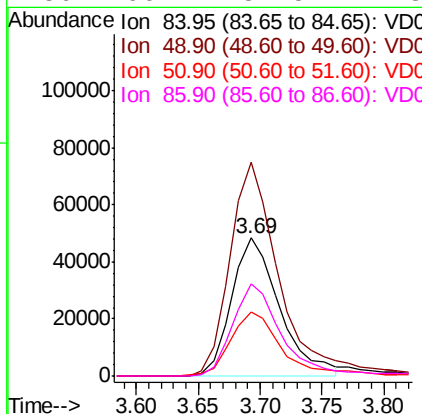
Manual Integrations
APPROVED

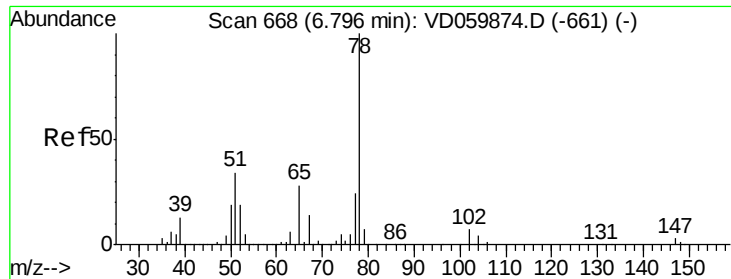
MMDadoda
8/31/2018 3:36:40 PM



#20
Methylene Chloride
Concen: 7.14 ug/l m
RT: 3.69 min Scan# 352
Delta R.T. -0.02 min
Lab File: VD059922.D
Acq: 30 Aug 2018 12:28

Tgt Ion: 84 Resp: 129962
Ion Ratio Lower Upper
84 100
49 155.1 122.6 183.8
51 46.5 38.4 57.6
86 66.7 51.5 77.3





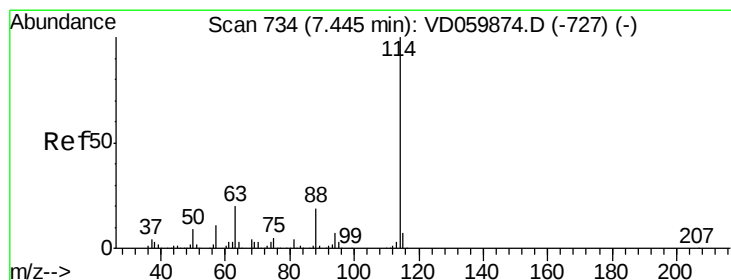
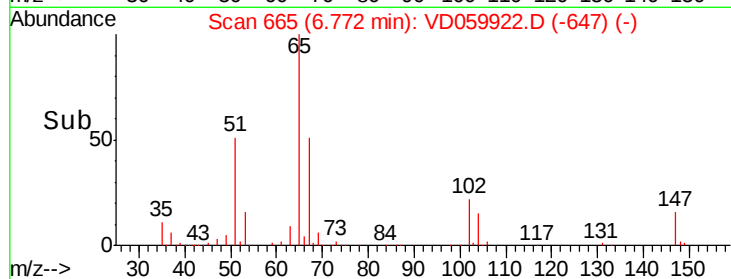
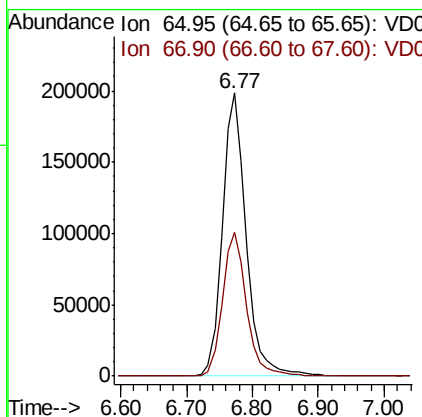
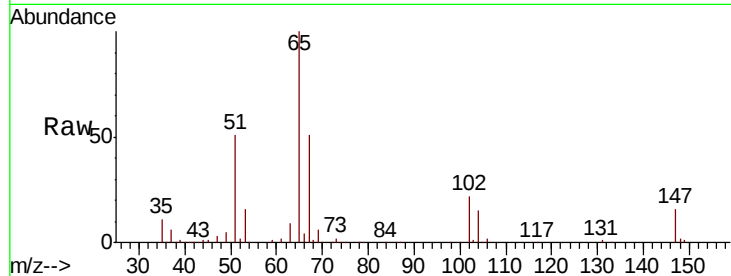
#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.77 min Scan# 665
 Delta R.T. -0.02 min
 Lab File: VD059922.D
 Acq: 30 Aug 2018 12:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0830SBL01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	497895		
67	50.8	0.0	103.8	

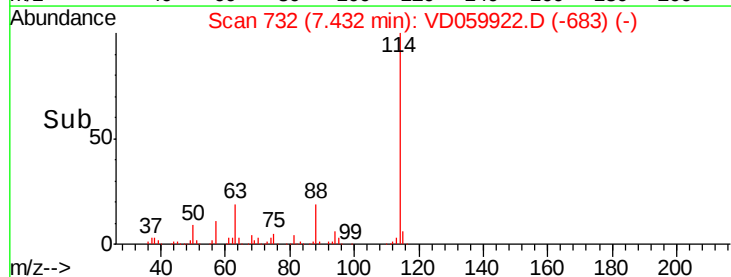
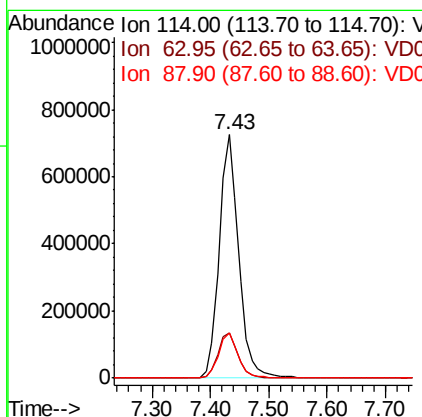
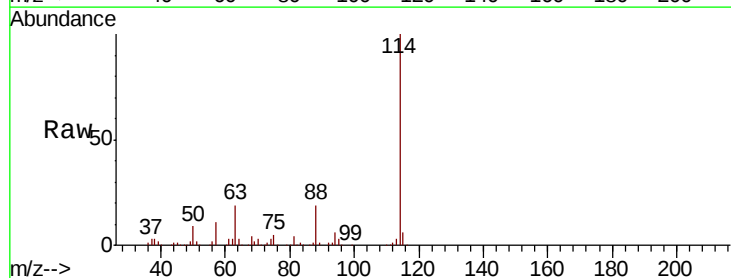
Manual Integrations
 APPROVED

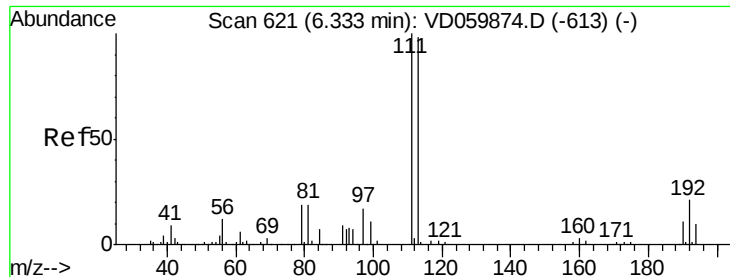
MMDadoda
 8/31/2018 3:36:40 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.43 min Scan# 732
 Delta R.T. -0.01 min
 Lab File: VD059922.D
 Acq: 30 Aug 2018 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1678833		
63	18.7	0.0	39.4	
88	18.6	0.0	37.6	





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 6.31 min Scan# 618

Delta R.T. -0.02 min

Lab File: VD059922.D

Acq: 30 Aug 2018 12:28

Instrument :

MSVOA_D

ClientSampleId :

VD0830SBL01

Tot Ion:113 Resp: 640750

Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.2

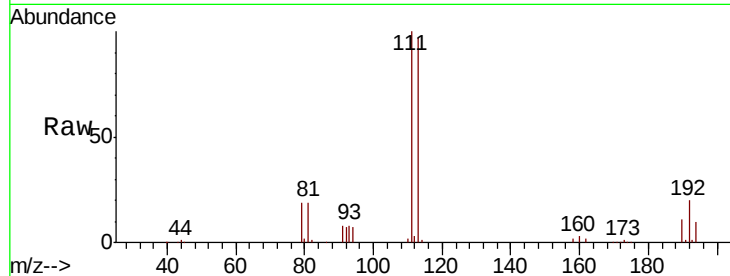
192 20.7 17.0 25.6

Manual Integrations

APPROVED

MMDadoda

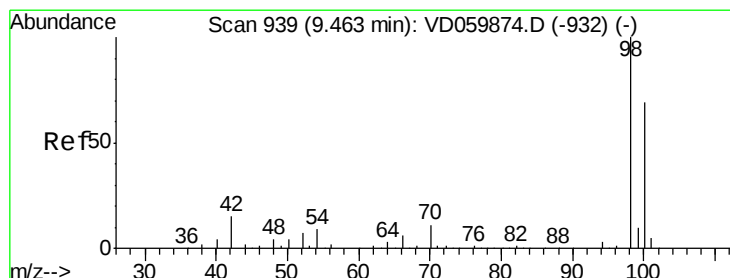
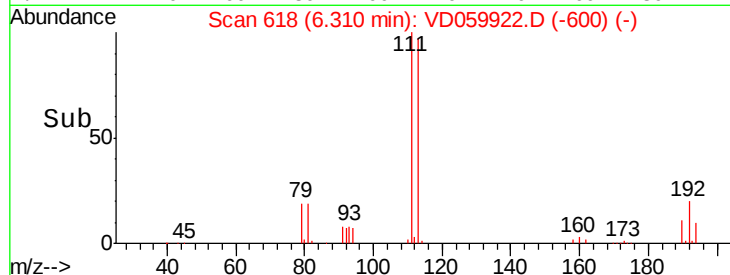
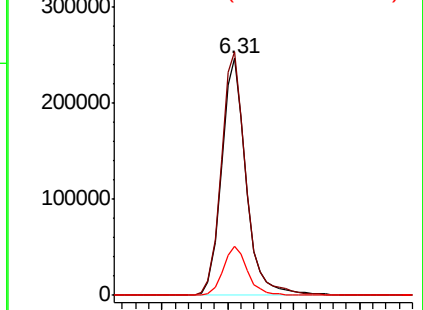
8/31/2018 3:36:40 PM



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.45 min Scan# 937

Delta R.T. -0.01 min

Lab File: VD059922.D

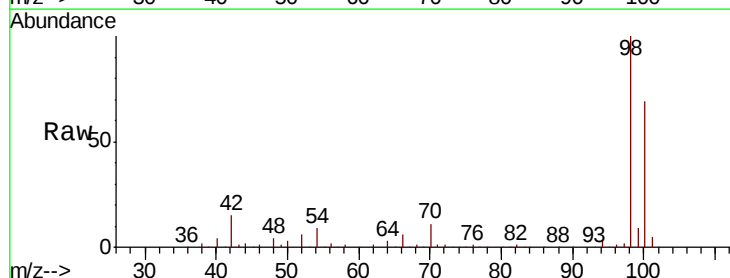
Acq: 30 Aug 2018 12:28

Tgt Ion: 98 Resp: 1780764

Ion Ratio Lower Upper

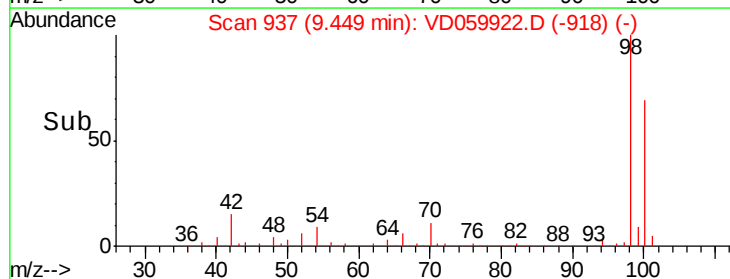
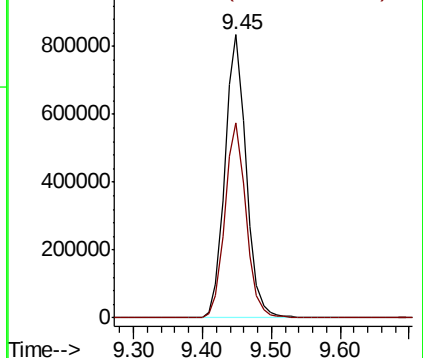
98 100

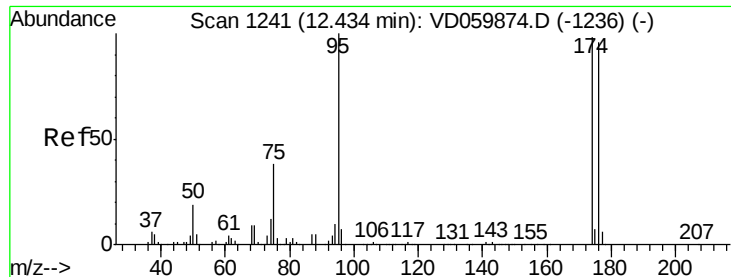
100 68.8 55.8 83.6



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.42 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VD059922.D

Acq: 30 Aug 2018 12:28

Instrument :

MSVOA_D

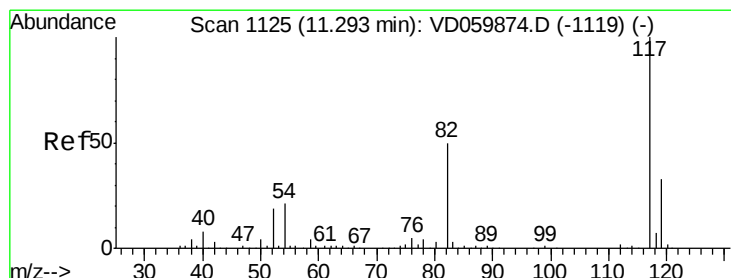
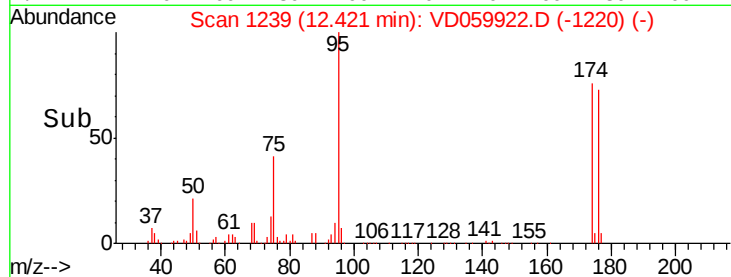
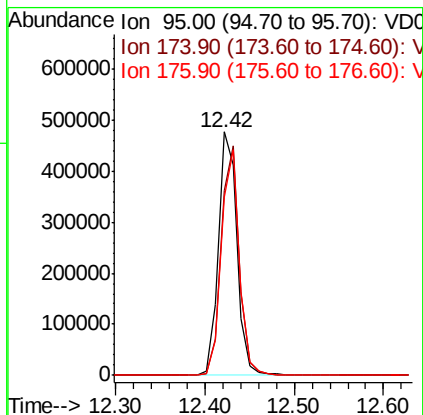
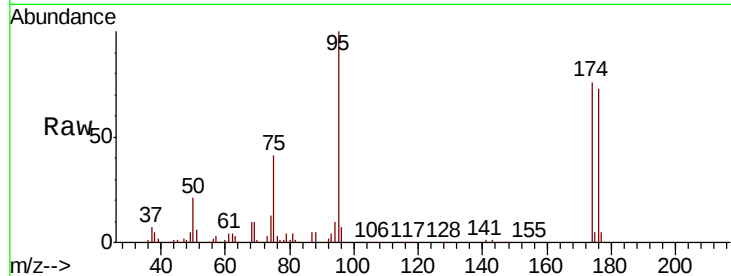
ClientSampleId :

VD0830SBL01

Tot Ion:	95	Resp:	698936
Ion Ratio	Lower	Upper	
95	100		
174	76.1	0.0	195.6
176	73.1	0.0	191.2

Manual Integrations
APPROVED

MMDadoda
8/31/2018 3:36:40 PM



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

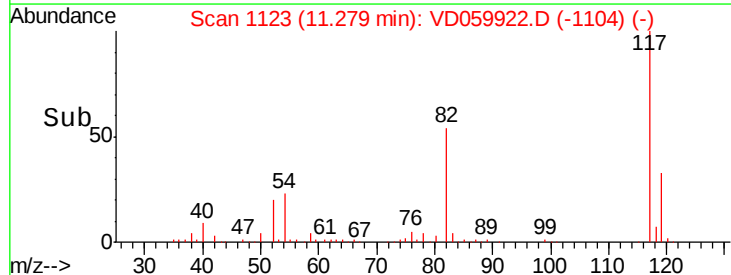
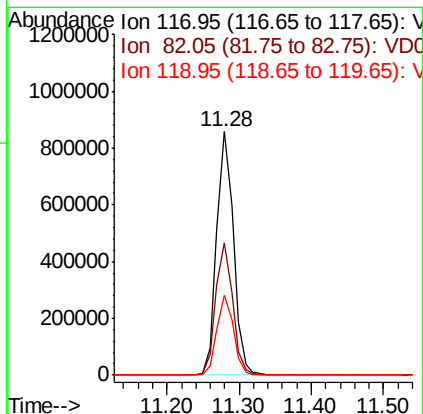
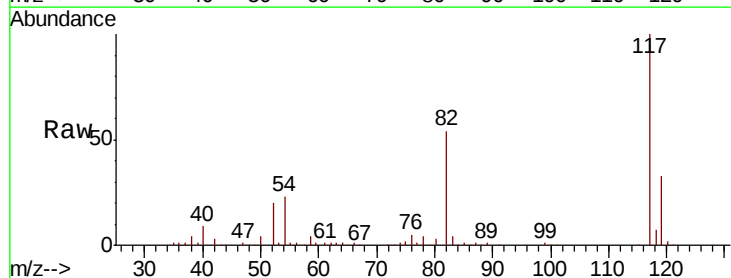
RT: 11.28 min Scan# 1123

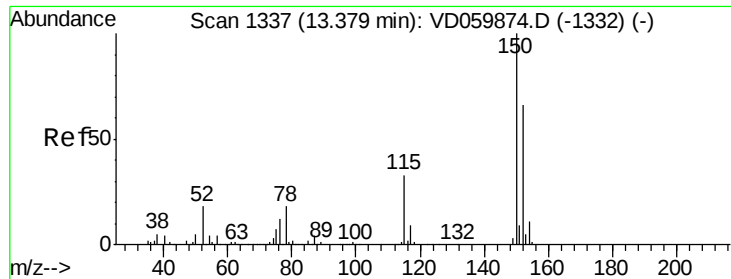
Delta R.T. -0.01 min

Lab File: VD059922.D

Acq: 30 Aug 2018 12:28

Tgt Ion:	117	Resp:	1371253
Ion Ratio	Lower	Upper	
117	100		
82	54.1	40.1	60.1
119	32.7	26.7	40.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.38 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VD059922.D

Acq: 30 Aug 2018 12:28

Instrument :

MSVOA_D

ClientSampleId :

VD0830SBL01

Tot Ion:152 Resp: 736476

Ion Ratio Lower Upper

152 100

115 50.1 25.7 77.0

150 153.0 0.0 310.2

Manual Integrations

APPROVED

MMDadoda

8/31/2018 3:36:40 PM

