

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073018\
 Data File : VD059646.D
 Acq On : 31 Jul 2018 4:22
 Operator : VA/AP
 Sample : J4218-07
 Misc : 7.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 TP-15-D

Manual Integrations
 APPROVED

apatel
 7/31/2018 11:38:13 AM

Quant Time: Jul 31 08:17:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 07:10:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	128095	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	6.69	114	186291	50.00	ug/l	0.03
63) Chlorobenzene-d5	10.68	117	125038	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.92	152	87917	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	106116	65.90	ug/l	0.02
Spiked Amount 50.000			Recovery	=	131.80%	
35) Dibromofluoromethane	5.54	113	93573	58.55	ug/l	0.03
Spiked Amount 50.000			Recovery	=	117.10%	
50) Toluene-d8	8.72	98	94312	26.02	ug/l	0.04
Spiked Amount 50.000			Recovery	=	52.04%	
62) 4-Bromofluorobenzene	11.93	95	132770m	81.31	ug/l	0.02
Spiked Amount 50.000			Recovery	=	162.62%	
Target Compounds						
16) Acetone	2.60	43	18708	76.93	ug/l #	91
39) Methylcyclohexane	7.26	83	36189	21.05	ug/l #	34
85) sec-Butylbenzene	12.77	105	99952	15.84	ug/l	90

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

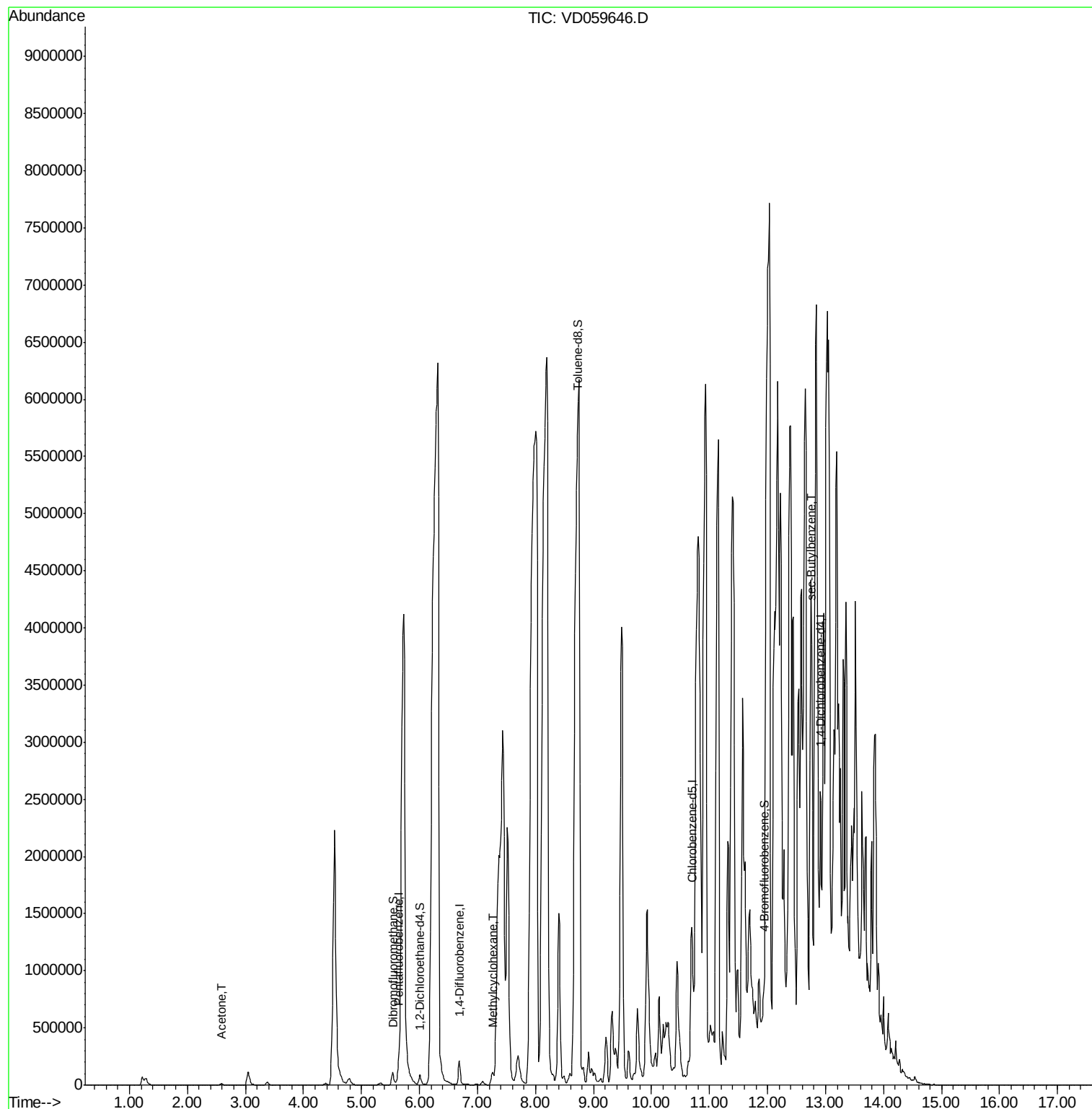
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD073018\
Data File : VD059646.D
Acq On : 31 Jul 2018 4:22
Operator : VA/AP
Sample : J4218-07
Misc : 7.00µl/5ml/MSVOA D/SOIL
ALS Vial : 24 Sample Multiplier: 1

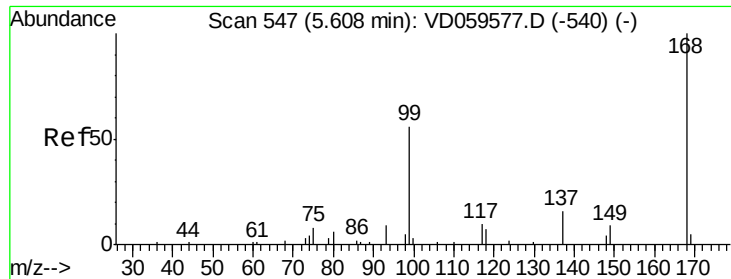
Instrument :
MSVOA_D
ClientSampleId :
TP-15-D

Manual Integrations
APPROVED

apatel
7/31/2018 11:38:13 AM

Quant Time: Jul 31 08:17:05 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 25 07:10:33 2018
Response via : Initial Calibration





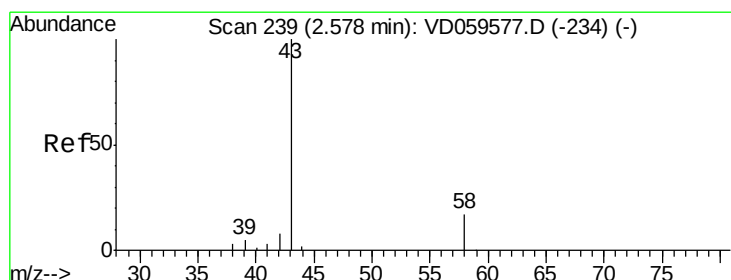
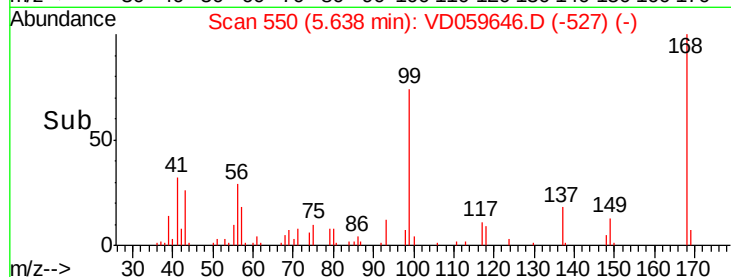
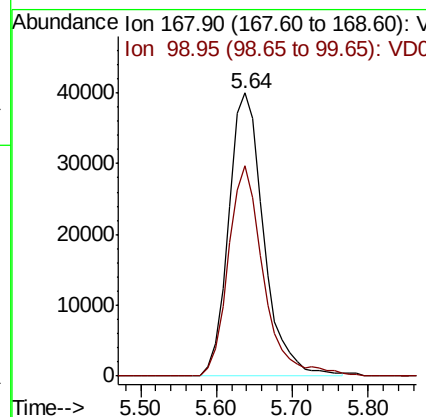
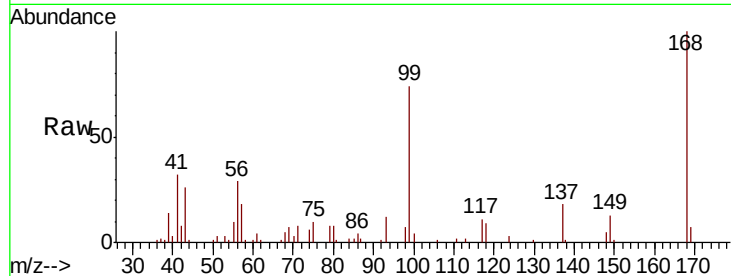
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.64 min Scan# 550
Delta R.T. 0.03 min
Lab File: VD059646.D
Acq: 31 Jul 2018 4:22

Instrument :
MSVOA_D
ClientSampleId :
TP-15-D

Tot Ion	Ion	Ratio	Lower	Upper
168	100			
99	74.2	47.3	70.9#	

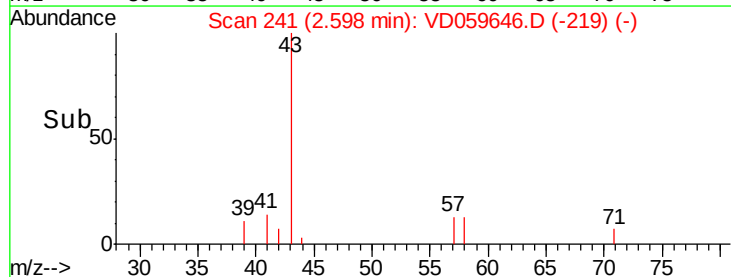
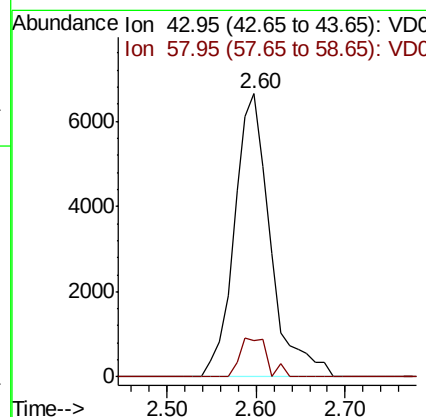
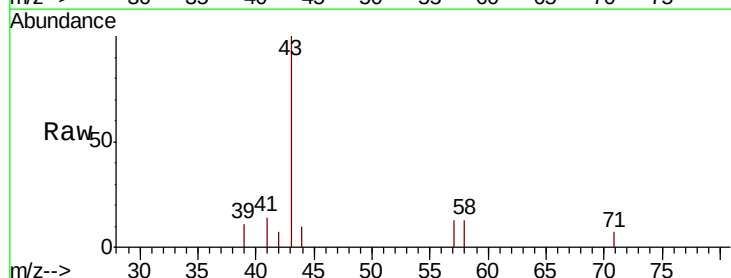
Manual Integrations
APPROVED

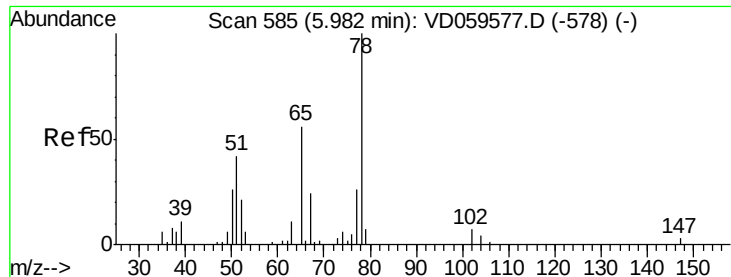
apatel
7/31/2018 11:38:13 AM



#16
Acetone
Concen: 76.93 ug/l
RT: 2.60 min Scan# 241
Delta R.T. 0.02 min
Lab File: VD059646.D
Acq: 31 Jul 2018 4:22

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
58	12.8	13.4	20.0#	





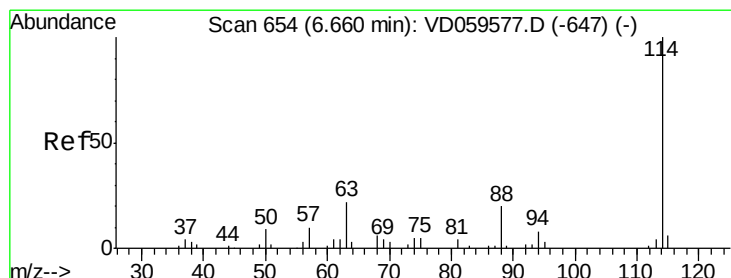
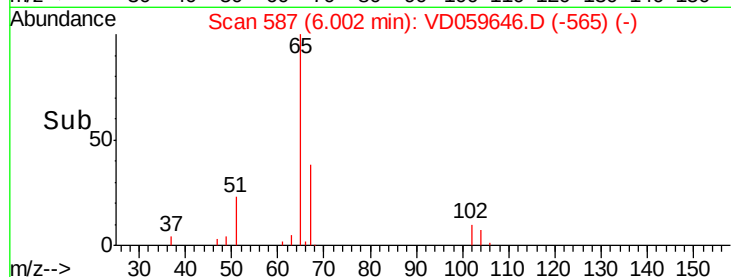
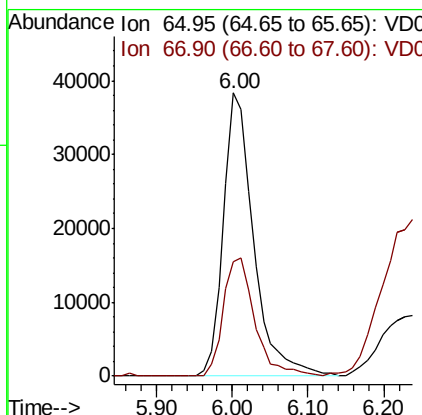
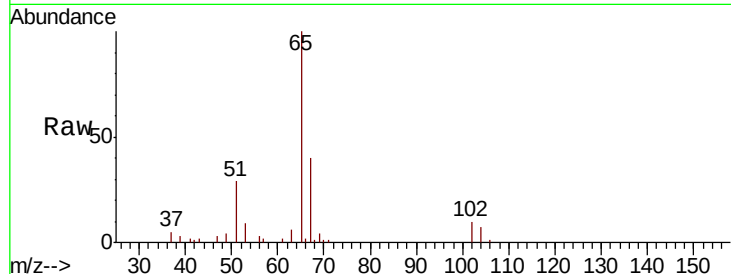
#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.00 min Scan# 587
 Delta R.T. 0.02 min
 Lab File: VD059646.D
 Acq: 31 Jul 2018 4:22

Instrument :
 MSVOA_D
 ClientSampled :
 TP-15-D

Tot Ion	Ratio	Resp	Lower	Upper
65	100	106116		
67	40.3	0.0	86.4	

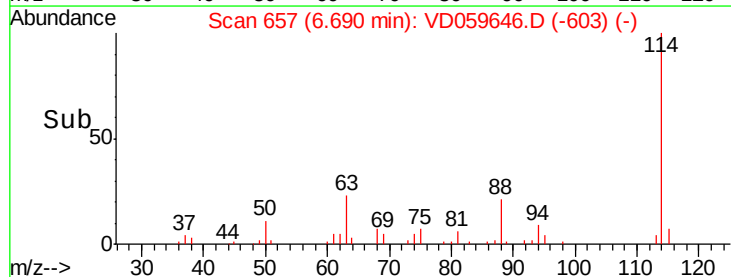
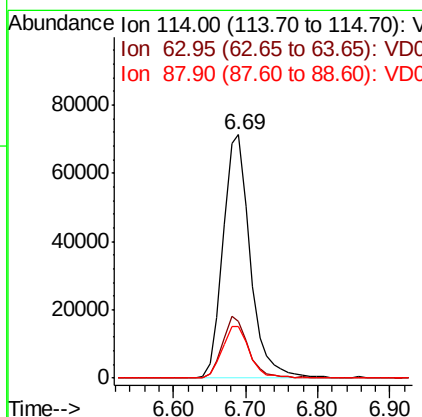
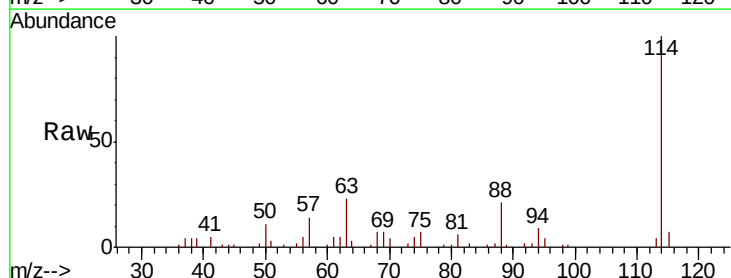
Manual Integrations
 APPROVED

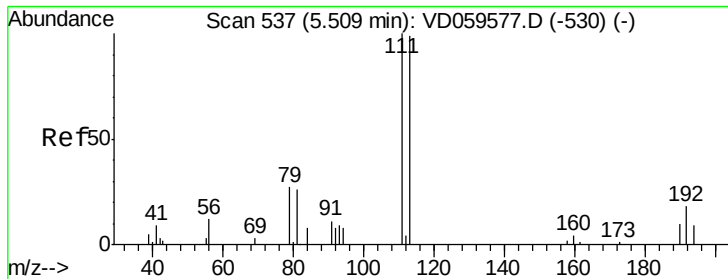
apatel
 7/31/2018 11:38:13 AM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. 0.03 min
 Lab File: VD059646.D
 Acq: 31 Jul 2018 4:22

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	186291		
63	23.2	0.0	43.8	
88	21.2	0.0	39.0	





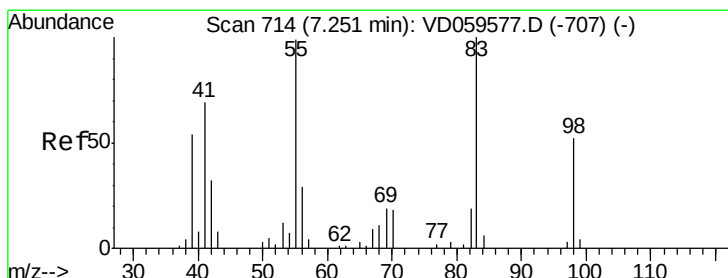
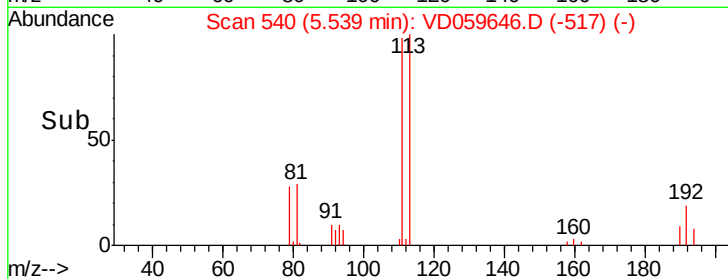
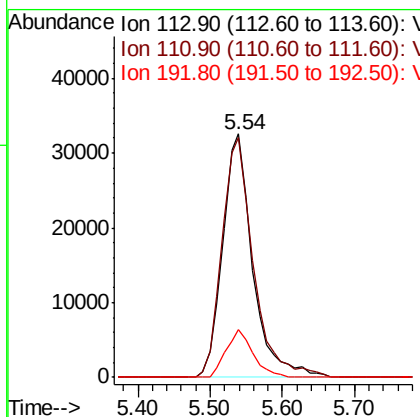
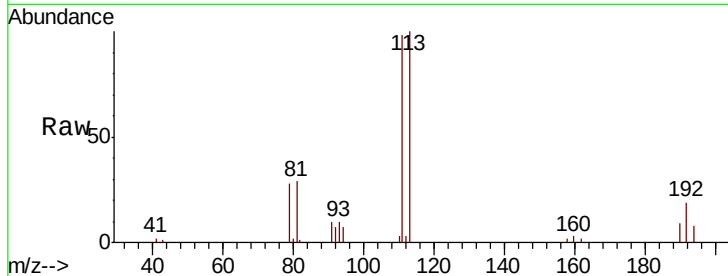
#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 5.54 min Scan# 540
Delta R.T. 0.03 min
Lab File: VD059646.D
Acq: 31 Jul 2018 4:22

Instrument :
MSVOA_D
ClientSampleId :
TP-15-D

Tot Ion	Ratio	Resp	Lower	Upper
113	100	93573		
111	98.3	80.5	120.7	
192	19.4	14.5	21.7	

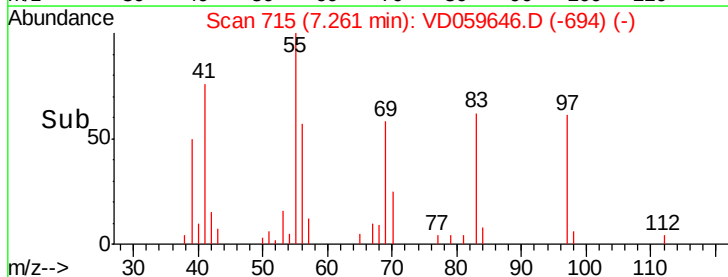
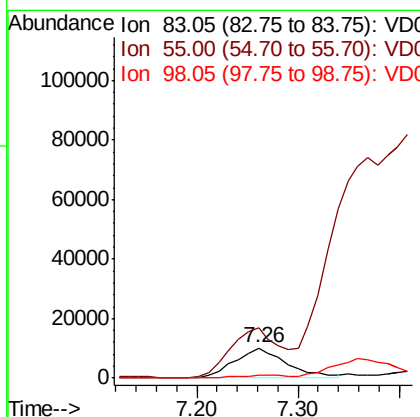
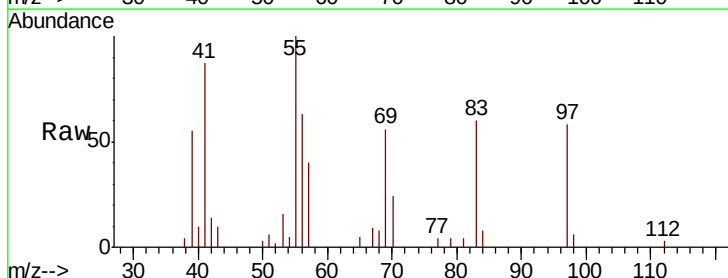
Manual Integrations
APPROVED

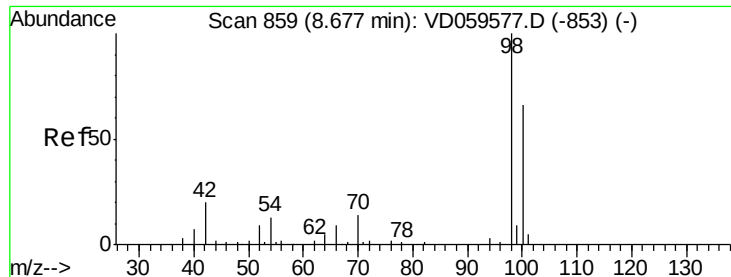
apatel
7/31/2018 11:38:13 AM



#39
Methylcyclohexane
Concen: 21.05 ug/l
RT: 7.26 min Scan# 715
Delta R.T. 0.01 min
Lab File: VD059646.D
Acq: 31 Jul 2018 4:22

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	36189		
55	167.0	79.4	119.0#	
98	9.3	41.6	62.4#	





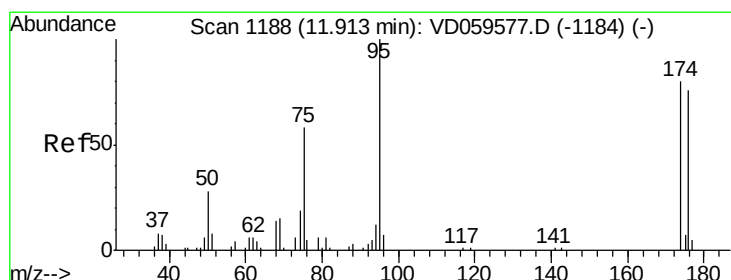
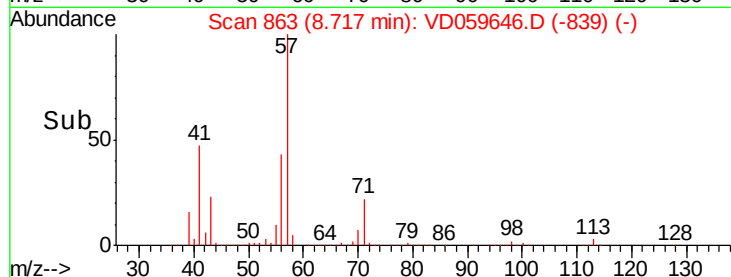
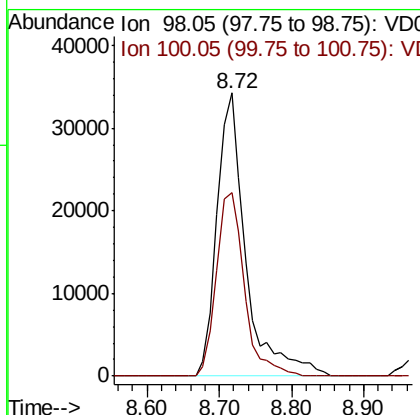
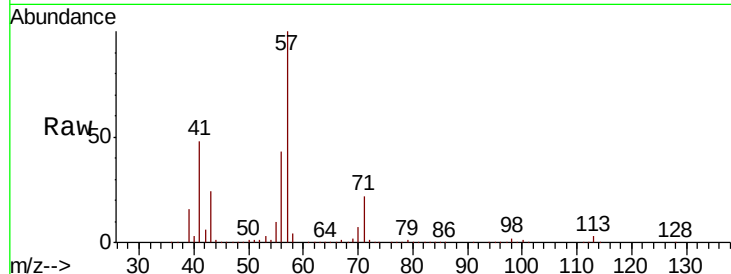
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.72 min Scan# 863
Delta R.T. 0.04 min
Lab File: VD059646.D
Acq: 31 Jul 2018 4:22

Instrument :
MSVOA_D
ClientSampled :
TP-15-D

Tot Ion: 98 Resp: 94312
Ion Ratio Lower Upper
98 100
100 65.0 53.2 79.8

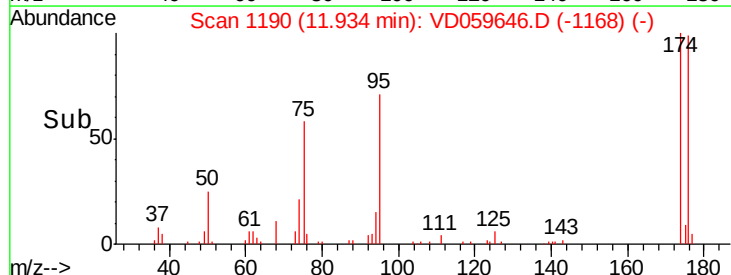
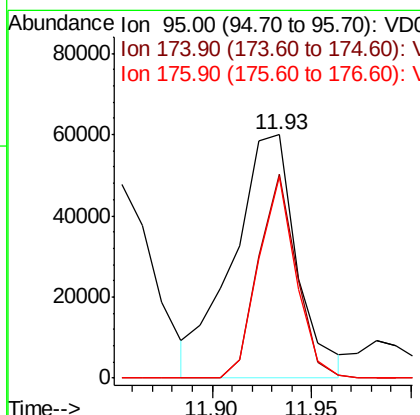
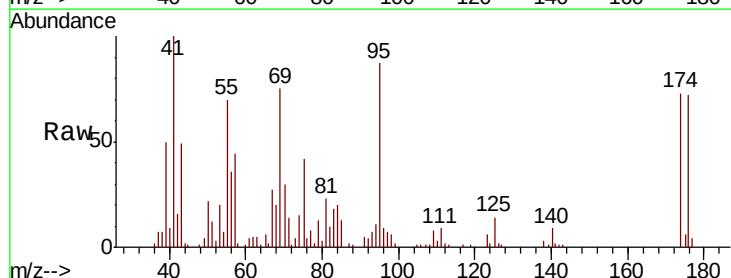
Manual Integrations
APPROVED

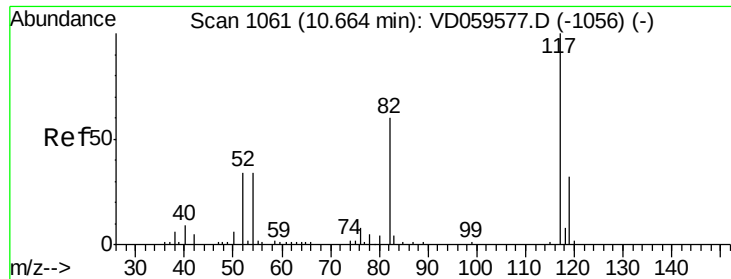
apatel
7/31/2018 11:38:13 AM



#62
4-Bromofluorobenzene
Concen: Below ug/l m
RT: 11.93 min Scan# 1190
Delta R.T. 0.02 min
Lab File: VD059646.D
Acq: 31 Jul 2018 4:22

Tgt Ion: 95 Resp: 132770
Ion Ratio Lower Upper
95 100
174 83.7 0.0 160.6
176 82.6 0.0 152.8





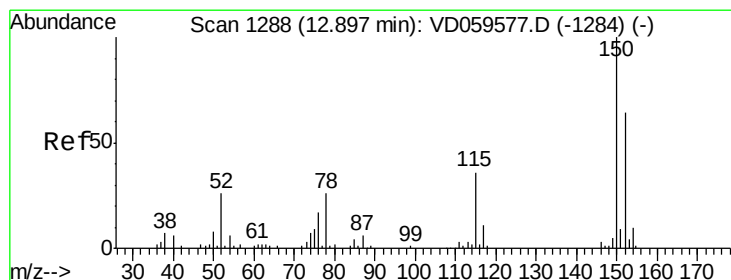
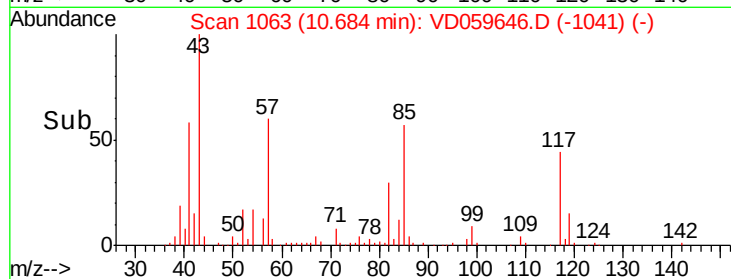
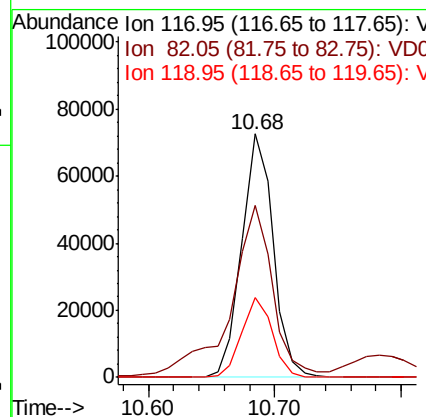
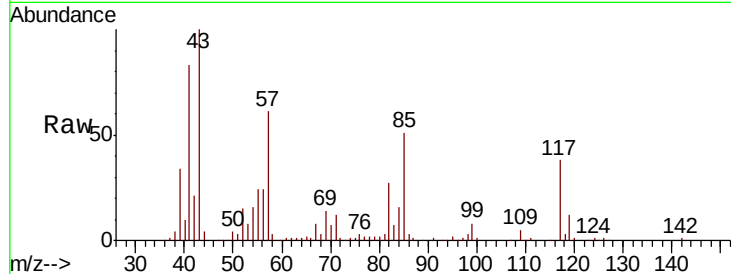
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1063
Delta R.T. 0.02 min
Lab File: VD059646.D
Acq: 31 Jul 2018 4:22

Instrument :
MSVOA_D
ClientSampled :
TP-15-D

Tot Ion	Ratio	Resp	Lower	Upper
117	100	125038		
82	70.7	48.2	72.2	
119	32.8	25.4	38.2	

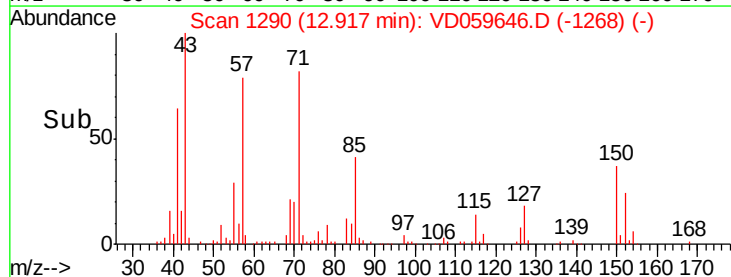
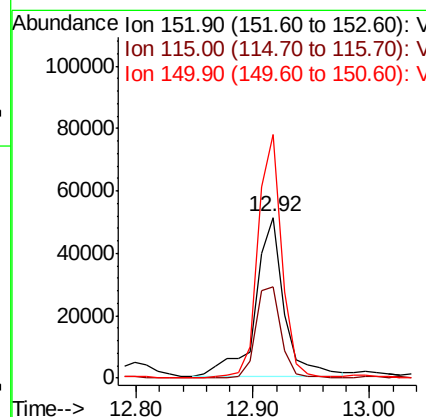
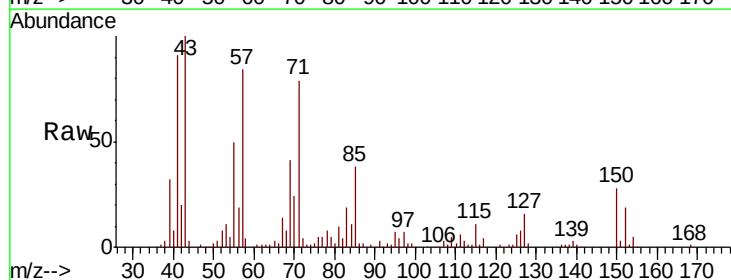
Manual Integrations
APPROVED

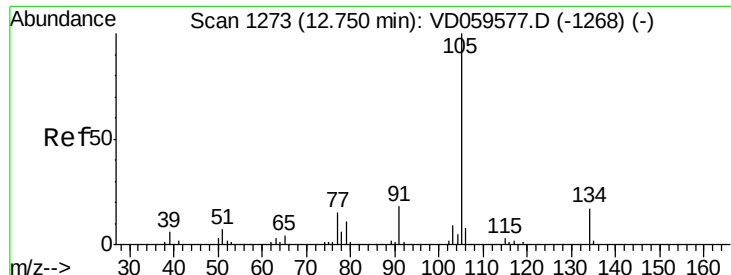
apatel
7/31/2018 11:38:13 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.92 min Scan# 1290
Delta R.T. 0.02 min
Lab File: VD059646.D
Acq: 31 Jul 2018 4:22

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	87917		
115	56.4	29.5	88.6	
150	151.3	0.0	314.4	





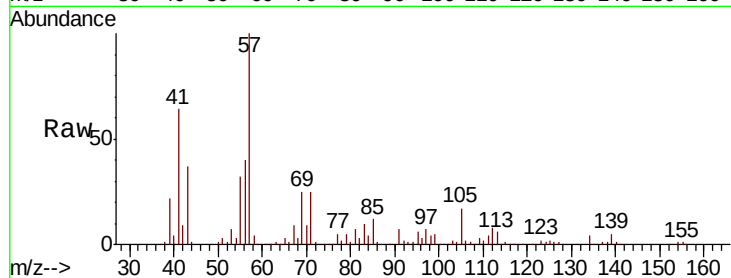
#85
 sec-Butylbenzene
 Concen: 15.84 ug/l
 RT: 12.77 min Scan# 1275
 Delta R.T. 0.02 min
 Lab File: VD059646.D
 Acq: 31 Jul 2018 4:22

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-15-D

Tot Ion	Ion	Ratio	Resp	Lower	Upper
105	100		99952		
134	21.8	8.8	26.2		

Manual Integrations
 APPROVED

apatel
 7/31/2018 11:38:13 AM



Abundance Ion 105.05 (104.75 to 105.75): V
 Ion 134.10 (133.80 to 134.80): V

