

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071918\
 Data File : VF059560.D
 Acq On : 19 Jul 2018 16:29
 Operator : VA/AP
 Sample : J4016-07
 Misc : 6.01µ/5mL/MSVOA F/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB3-U-13

Manual Integrations
 APPROVED

apatel
 7/20/2018 11:42:14 AM

Quant Time: Jul 20 05:10:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 04:09:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	185261	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.76	114	273565	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.92	117	261200	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	153432	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	164624	57.14	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	114.28%	
35) Dibromofluoromethane	4.29	113	135565	57.22	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	114.44%	
50) Toluene-d8	7.70	98	249946	41.88	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	83.76%	
62) 4-Bromofluorobenzene	11.50	95	145863	46.59	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	93.18%	
Target Compounds						
16) Acetone	2.34	43	16281	11.54	ug/l	# 93
20) Methylene Chloride	2.27	84	7607m	1.40	ug/l	
95) Naphthalene	14.52	128	7520	1.34	ug/l	98

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

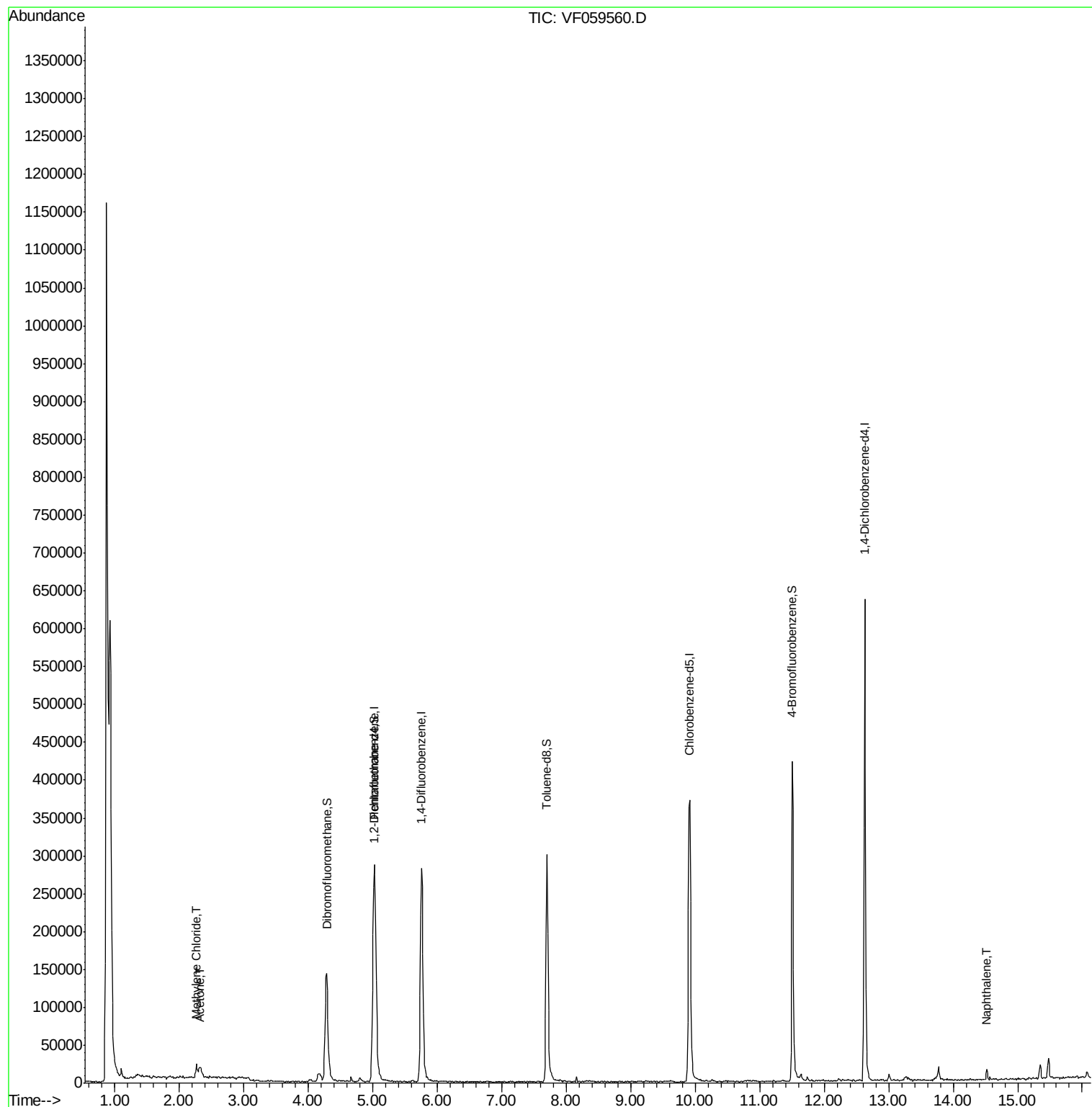
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF071918\
Data File : VF059560.D
Acq On : 19 Jul 2018 16:29
Operator : VA/AP
Sample : J4016-07
Misc : 6.01q/5mL/MSVOA F/SOIL
ALS Vial : 50 Sample Multiplier: 1

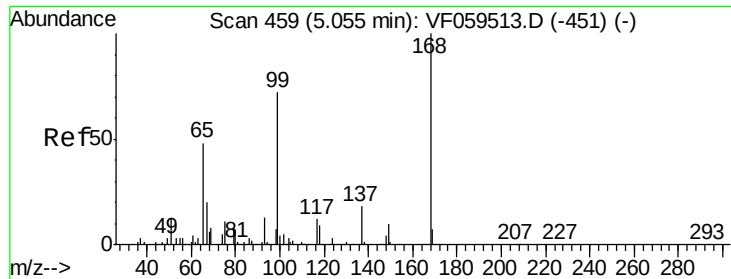
Instrument :
MSVOA_F
ClientSampleId :
SB3-U-13

Manual Integrations
APPROVED

apatel
7/20/2018 11:42:14 AM

Quant Time: Jul 20 05:10:29 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 18 04:09:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.02 min

Lab File: VF059560.D

Acq: 19 Jul 2018 16:29

Instrument :

MSVOA_F

ClientSampleId :

SB3-U-13

Tot Ion:168 Resp: 185261

Ion Ratio Lower Upper

168 100

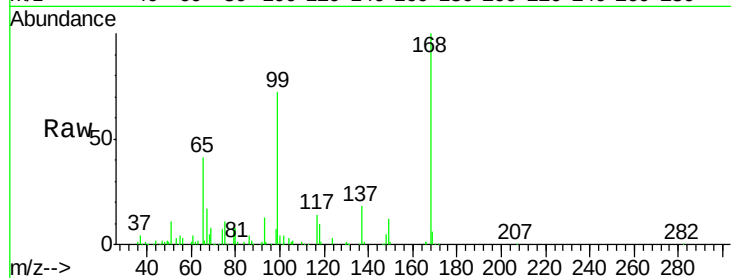
99 71.6 57.6 86.4

Manual Integrations

APPROVED

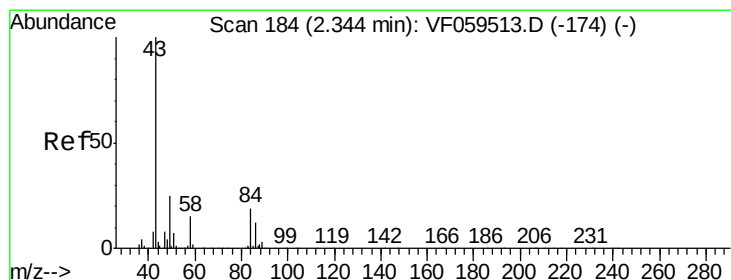
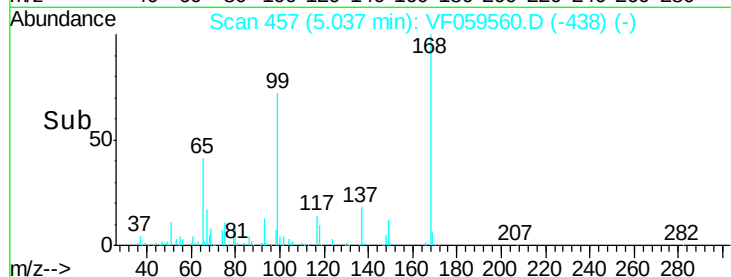
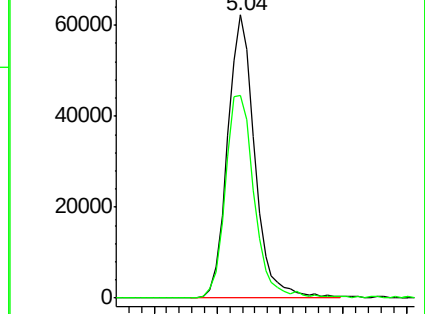
apatel

7/20/2018 11:42:14 AM



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 11.54 ug/l

RT: 2.34 min Scan# 183

Delta R.T. -0.01 min

Lab File: VF059560.D

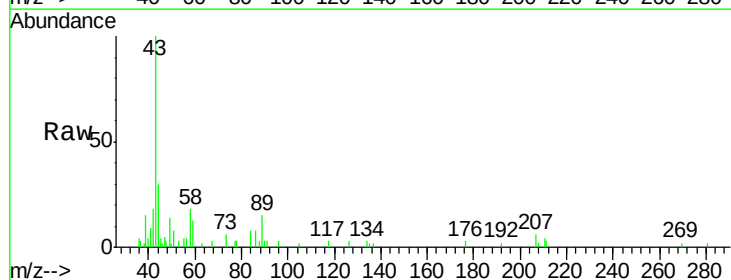
Acq: 19 Jul 2018 16:29

Tgt Ion: 43 Resp: 16281

Ion Ratio Lower Upper

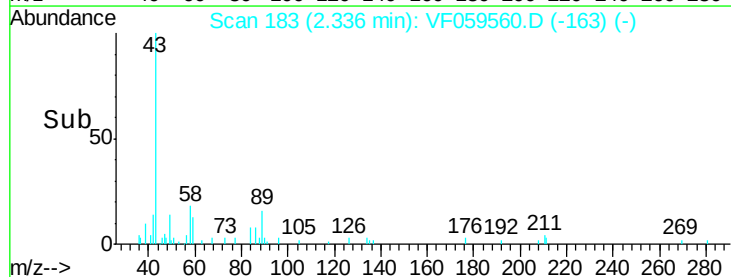
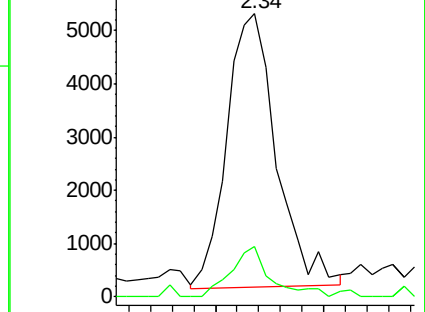
43 100

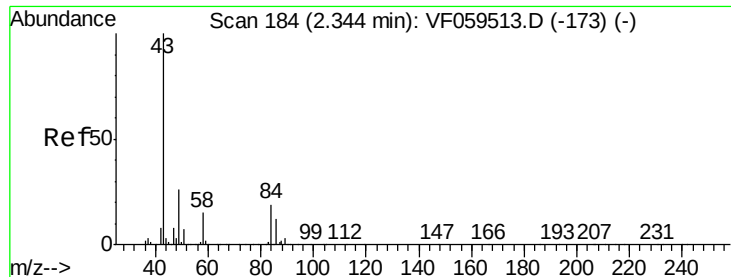
58 17.7 11.8 17.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





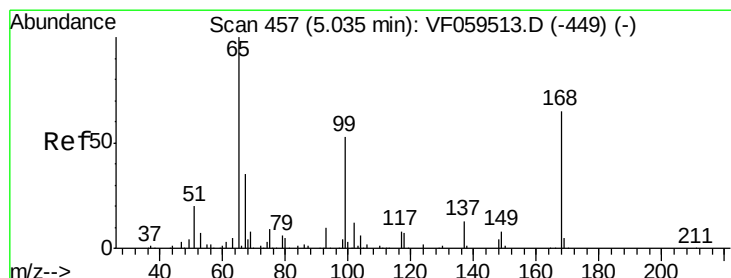
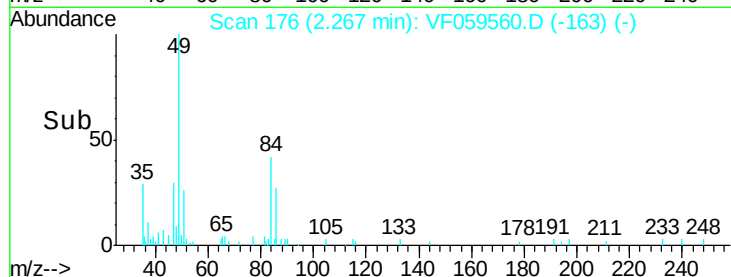
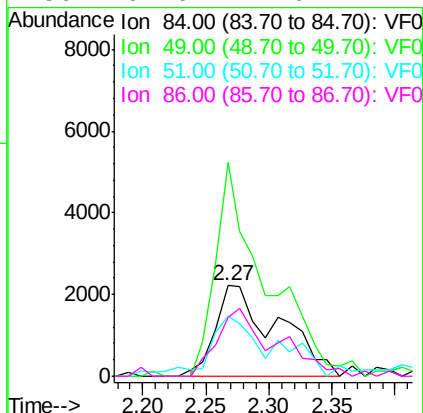
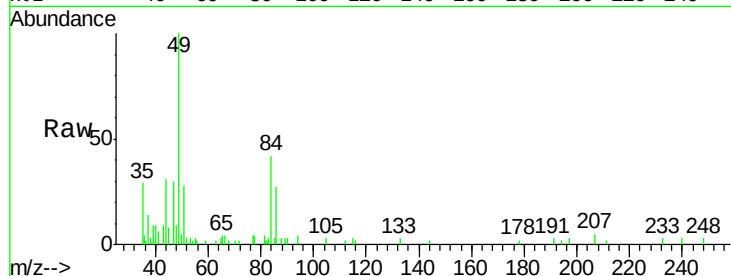
#20
Methvlene Chloride
Concen: 1.40 ug/l m
RT: 2.27 min Scan# 176
Delta R.T. -0.08 min
Lab File: VF059560.D
Acq: 19 Jul 2018 16:29

Instrument :
MSVOA_F
ClientSampled :
SB3-U-13

Tot Ion	Ratio	Lower	Upper
84	100		
49	236.0	109.4	164.2#
51	67.0	30.5	45.7#
86	64.6	47.6	71.4

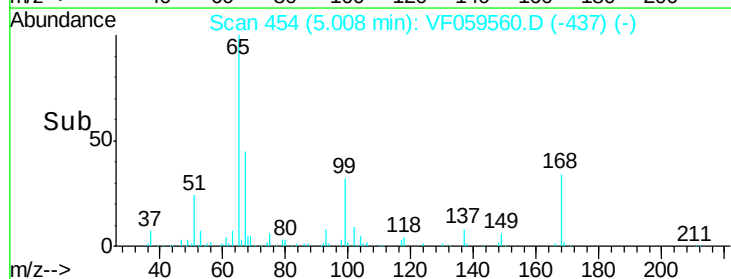
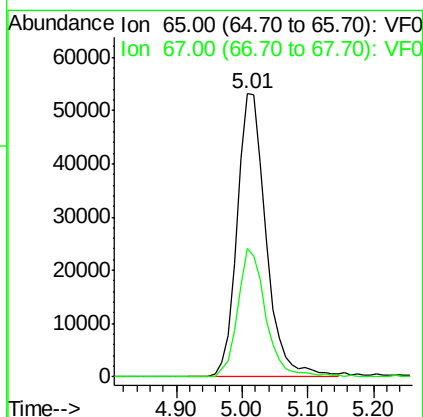
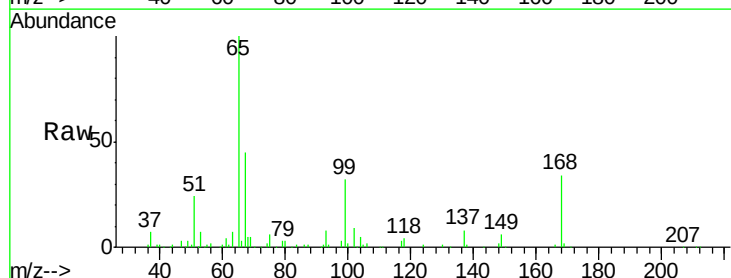
Manual Integrations
APPROVED

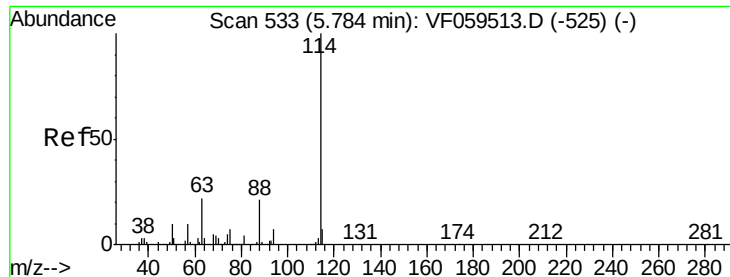
apatel
7/20/2018 11:42:14 AM



#33
1,2-Dichloroethane-d4
Concen: 57.14 ug/l
RT: 5.01 min Scan# 454
Delta R.T. -0.03 min
Lab File: VF059560.D
Acq: 19 Jul 2018 16:29

Tgt Ion	Ratio	Lower	Upper
65	100		
67	45.3	0.0	91.2





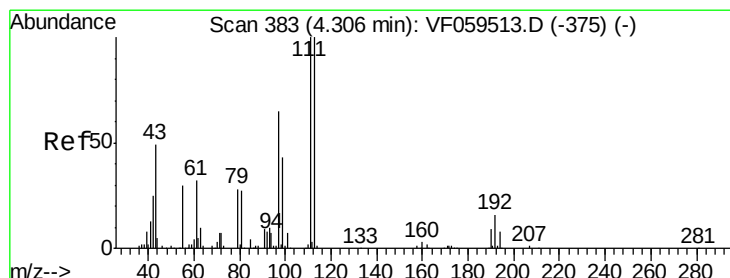
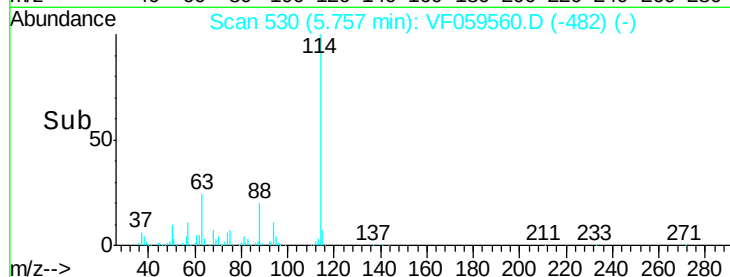
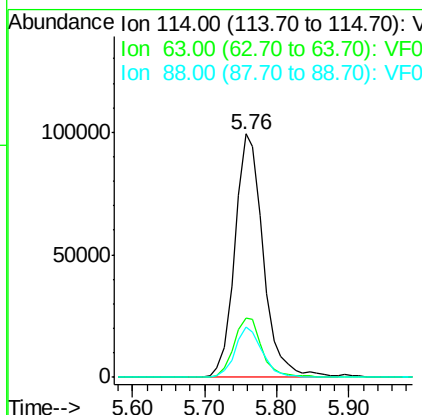
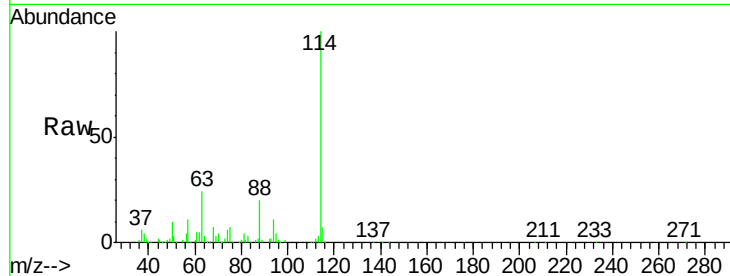
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 530
 Delta R.T. -0.03 min
 Lab File: VF059560.D
 Acq: 19 Jul 2018 16:29

Instrument :
 MSVOA_F
 ClientSampled :
 SB3-U-13

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	24.1	0.0	44.8
88	20.4	0.0	42.6

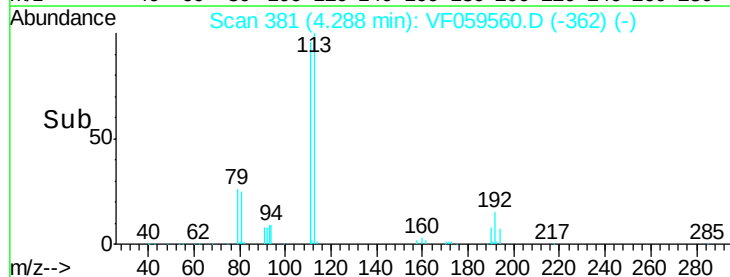
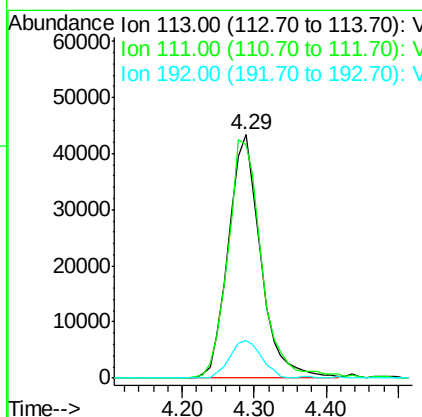
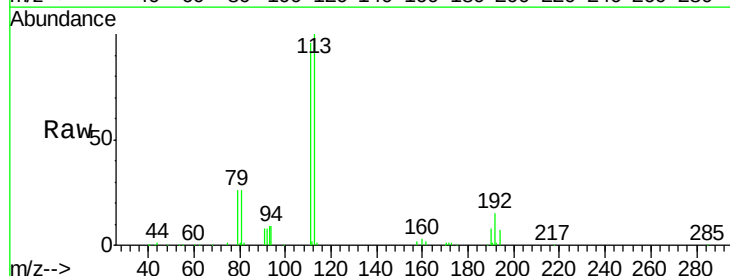
Manual Integrations
 APPROVED

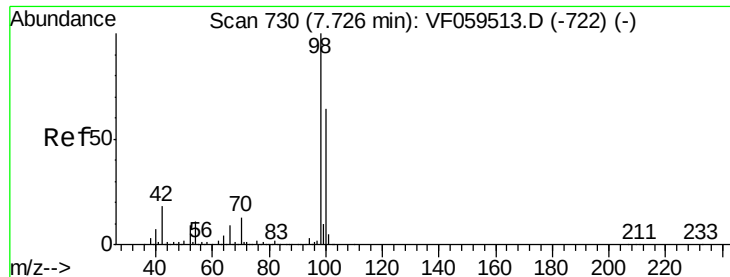
apatel
 7/20/2018 11:42:14 AM



#35
 Dibromofluoromethane
 Concen: 57.22 ug/l
 RT: 4.29 min Scan# 381
 Delta R.T. -0.02 min
 Lab File: VF059560.D
 Acq: 19 Jul 2018 16:29

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	96.0	80.3	120.5
192	15.5	13.1	19.7





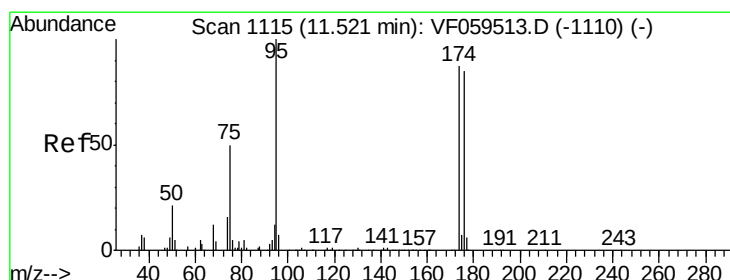
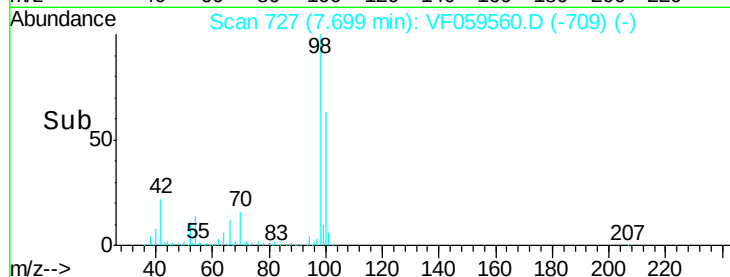
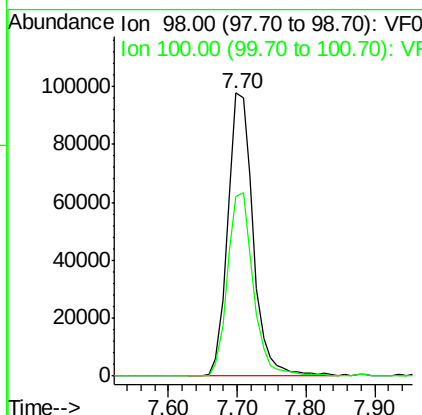
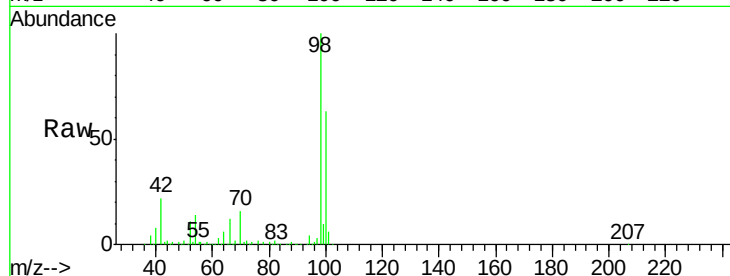
#50
Toluene-d8
Concen: 41.88 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.03 min
Lab File: VF059560.D
Acq: 19 Jul 2018 16:29

Instrument :
MSVOA_F
ClientSampleId :
SB3-U-13

Tot Ion: 98 Resp: 249946
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3

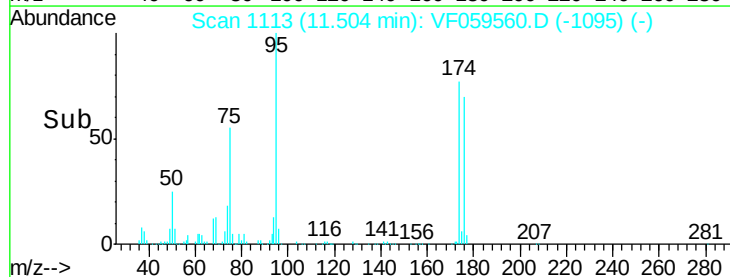
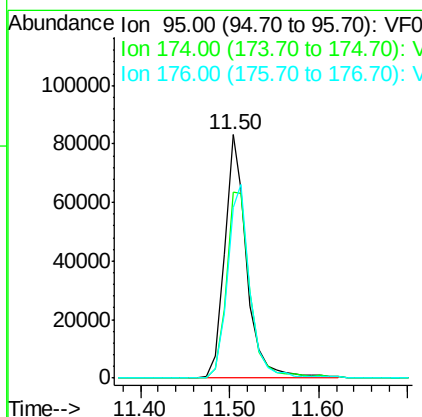
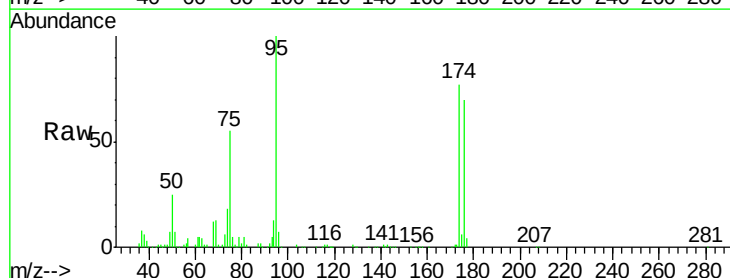
Manual Integrations
APPROVED

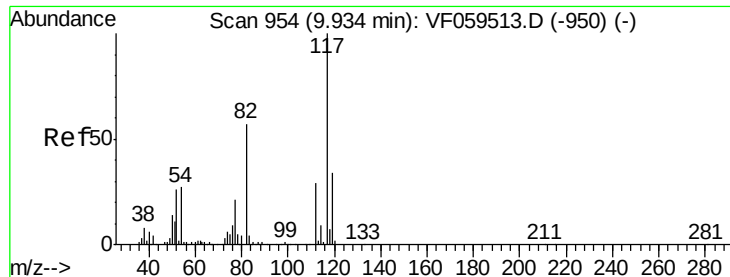
apatel
7/20/2018 11:42:14 AM



#62
4-Bromofluorobenzene
Concen: 46.59 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.02 min
Lab File: VF059560.D
Acq: 19 Jul 2018 16:29

Tgt Ion: 95 Resp: 145863
Ion Ratio Lower Upper
95 100
174 76.6 0.0 174.4
176 70.0 0.0 169.4





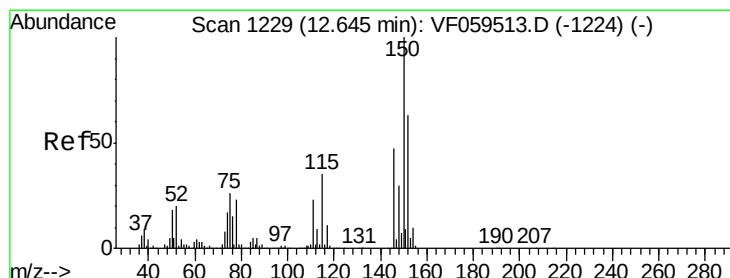
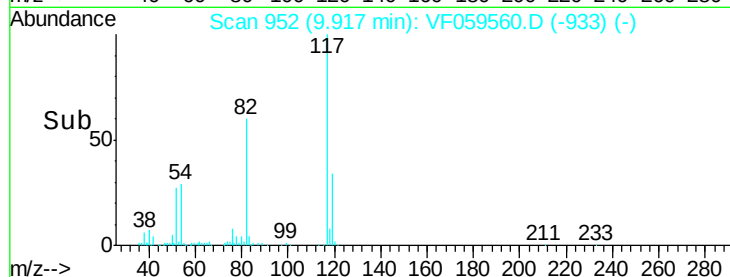
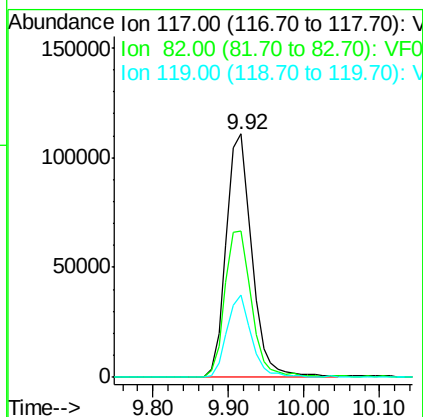
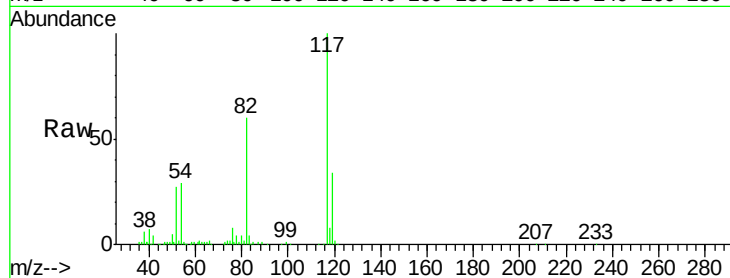
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 952
Delta R.T. -0.02 min
Lab File: VF059560.D
Acq: 19 Jul 2018 16:29

Instrument :
MSVOA_F
ClientSampled :
SB3-U-13

Tot Ion	Ratio	Resp	Lower	Upper
117	100	261200		
82	60.1	46.1	69.1	
119	33.9	27.2	40.8	

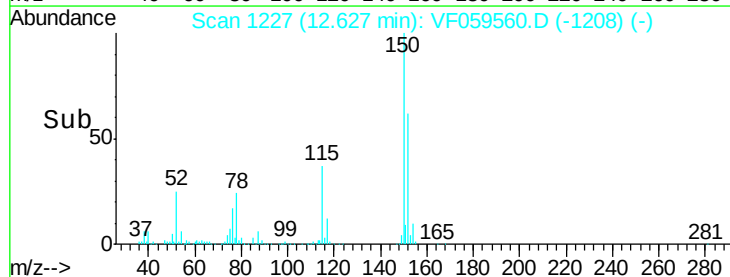
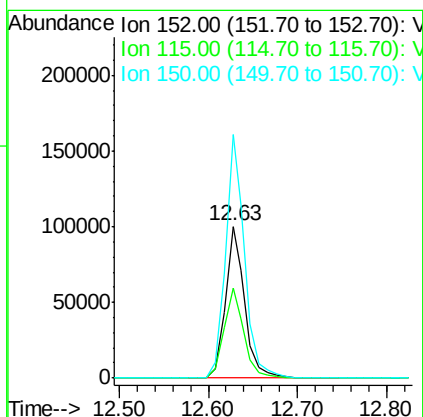
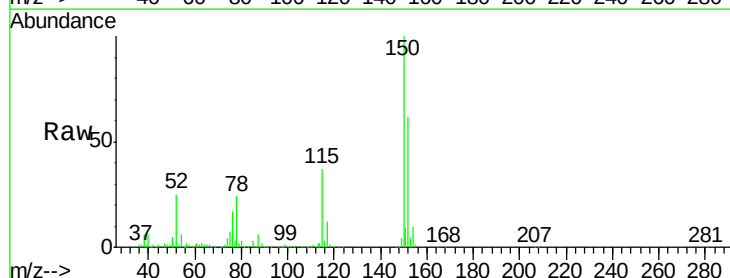
Manual Integrations
APPROVED

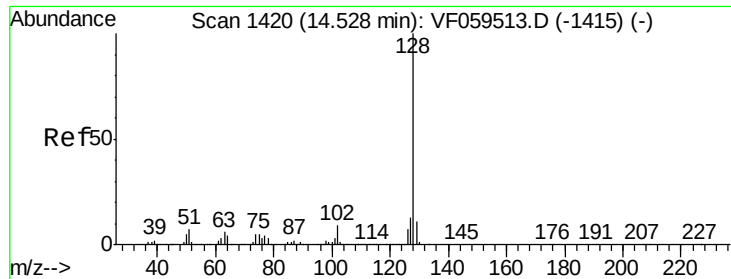
apatel
7/20/2018 11:42:14 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.02 min
Lab File: VF059560.D
Acq: 19 Jul 2018 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	153432		
115	59.5	27.8	83.3	
150	160.1	0.0	318.4	





#95
Naphthalene
Concen: 1.34 ug/l
RT: 14.52 min Scan# 1419
Delta R.T. -0.01 min
Lab File: VF059560.D
Acq: 19 Jul 2018 16:29

Instrument :
MSVOA_F
ClientSampleId :
SB3-U-13

Tot Ion:	128	Resp:	7520
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.2
129	9.7	9.0	13.4

Manual Integrations
APPROVED

apatel
7/20/2018 11:42:14 AM

