

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071918\
 Data File : VF059552.D
 Acq On : 19 Jul 2018 11:07
 Operator : VA/AP
 Sample : J4036-02
 Misc : 10.76g/5mL/MSVOA F/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CON-SB-08-0-2

Manual Integrations
 APPROVED

apatel
 7/20/2018 11:34:19 AM

Quant Time: Jul 19 15:01:48 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	5.03	168	201996	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.75	114	306610	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.91	117	312558	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.63	152	175135	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	161766	51.49	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	102.98%	
35) Dibromofluoromethane	4.28	113	138314	52.09	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	104.18%	
50) Toluene-d8	7.70	98	276423	41.32	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	82.64%	
62) 4-Bromofluorobenzene	11.50	95	158371	45.13	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	90.26%	
Target Compounds						
16) Acetone	2.33	43	21198	19.80	ug/l	# 92
20) Methylene Chloride	2.27	84	14030m	5.85	ug/l	

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

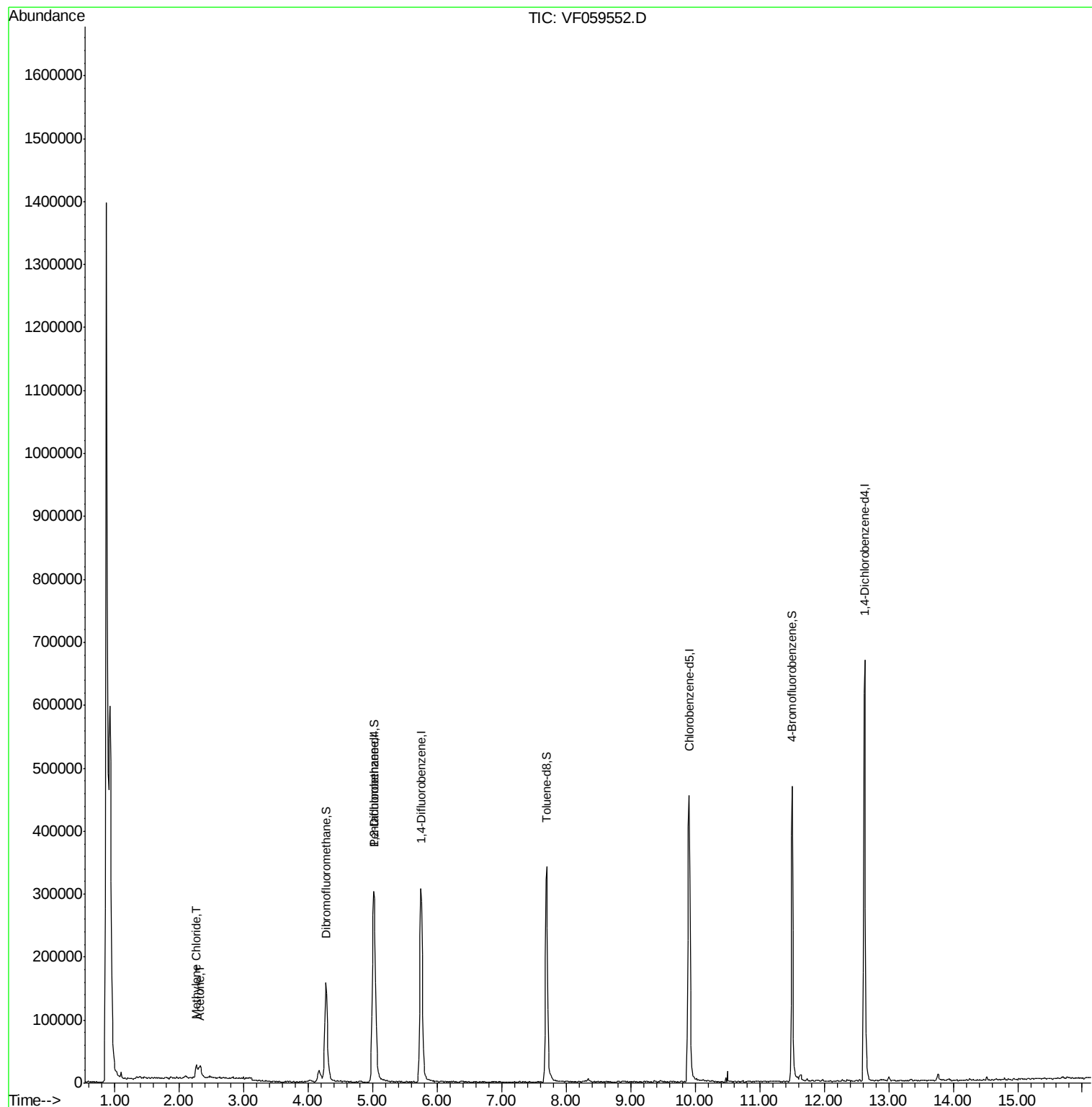
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF071918\
Data File : VF059552.D
Acq On : 19 Jul 2018 11:07
Operator : VA/AP
Sample : J4036-02
Misc : 10.76g/5mL/MSVOA F/SOIL
ALS Vial : 41 Sample Multiplier: 1

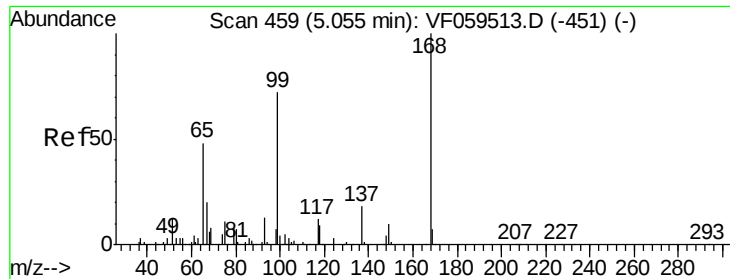
Instrument :
MSVOA_F
ClientSampleId :
CON-SB-08-0-2

Manual Integrations
APPROVED

apatel
7/20/2018 11:34:19 AM

Quant Time: Jul 19 15:01:48 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

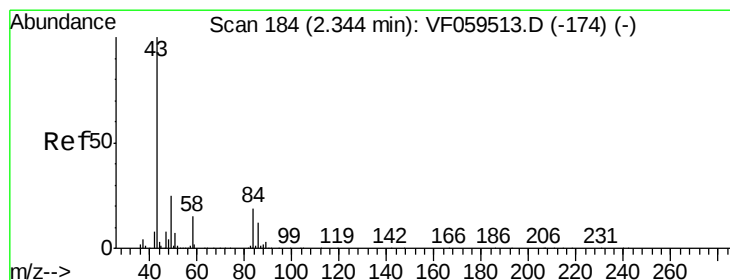
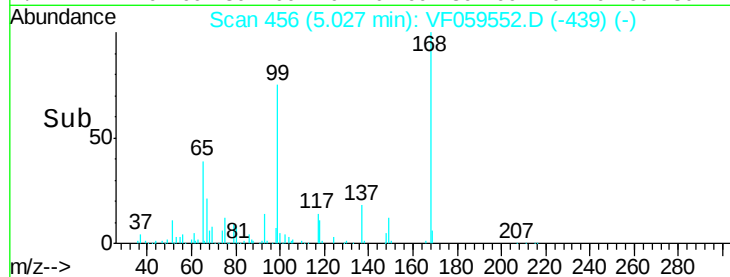
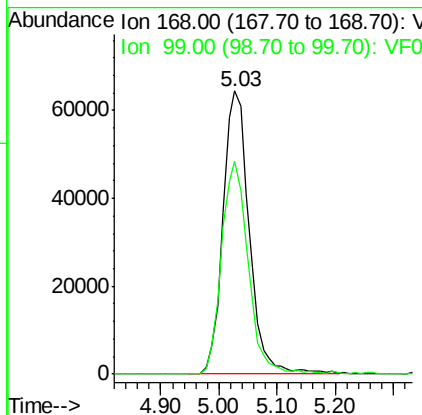
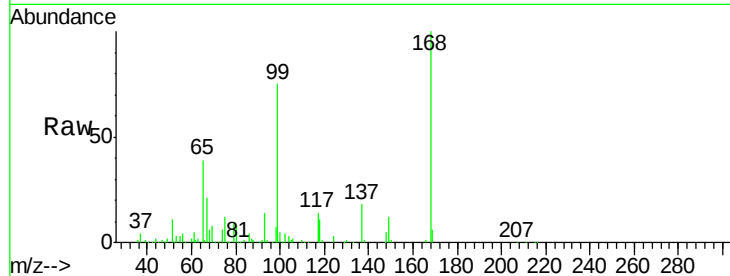
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.03 min Scan# 456
 Delta R.T. -0.03 min
 Lab File: VF059552.D
 Acq: 19 Jul 2018 11:07

Instrument :
 MSVOA_F
 ClientSampleId :
 CON-SB-08-0-2

Tot Ion	Ratio	Lower	Upper
168	100		
99	75.2	57.6	86.4

Manual Integrations
 APPROVED

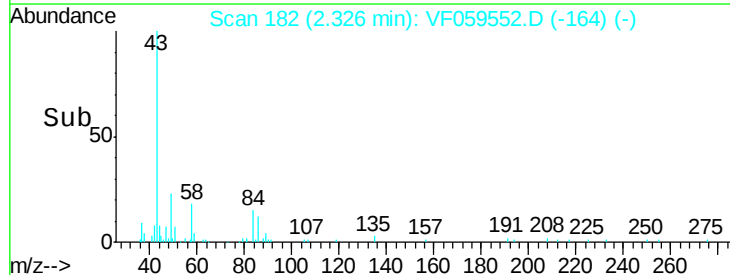
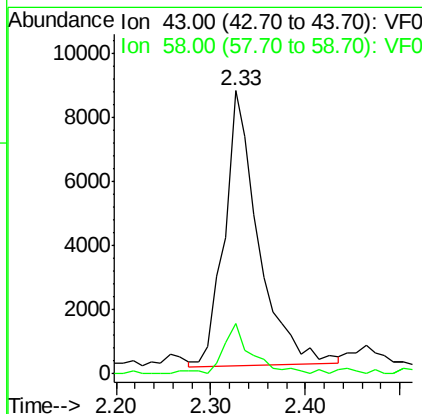
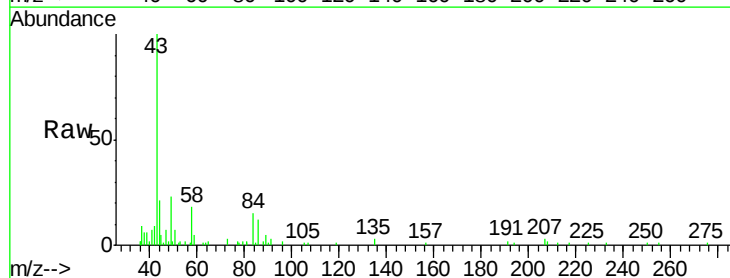
apatel
 7/20/2018 11:34:19 AM

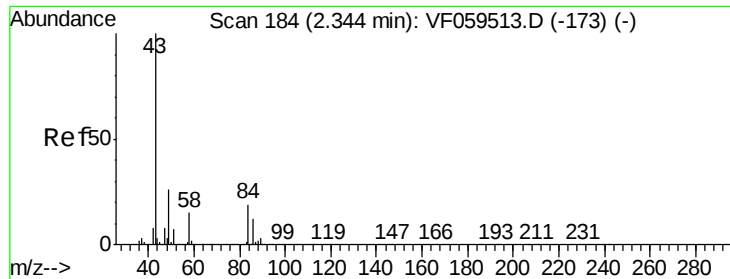


#16

Acetone
 Concen: 19.80 ug/l
 RT: 2.33 min Scan# 182
 Delta R.T. -0.02 min
 Lab File: VF059552.D
 Acq: 19 Jul 2018 11:07

Tgt Ion	Ratio	Lower	Upper
43	100		
58	17.9	11.8	17.6#





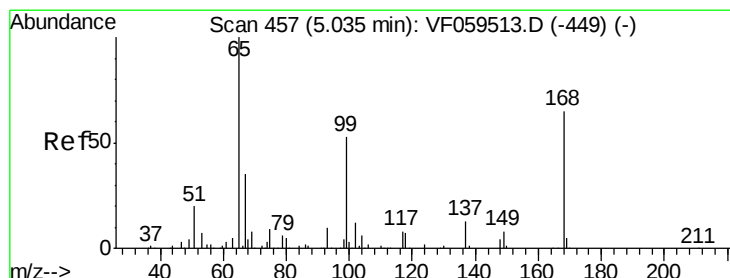
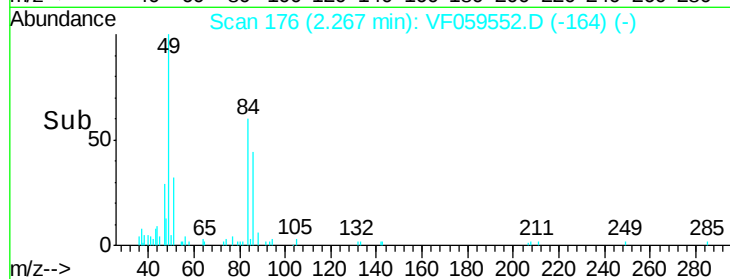
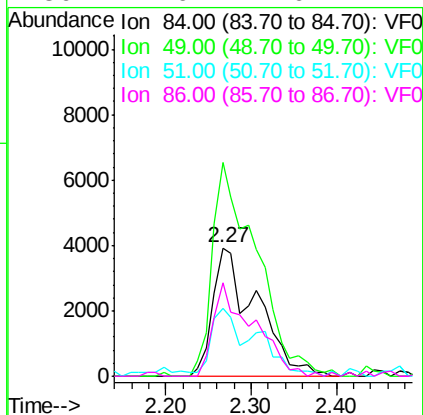
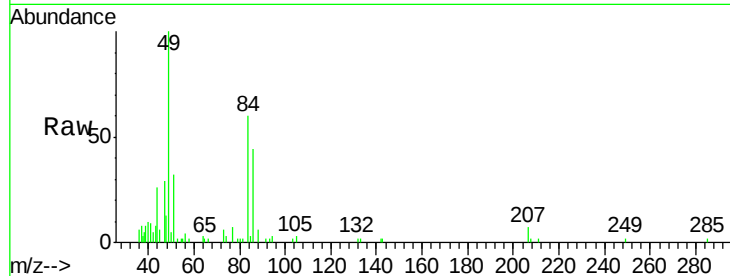
#20
Methvlene Chloride
Concen: 5.85 ug/l m
RT: 2.27 min Scan# 176
Delta R.T. -0.08 min
Lab File: VF059552.D
Acq: 19 Jul 2018 11:07

Instrument :
MSVOA_F
ClientSampleId :
CON-SB-08-0-2

Tot Ion	Ratio	Lower	Upper
84	100		
49	166.9	109.4	164.2#
51	52.9	30.5	45.7#
86	72.6	47.6	71.4#

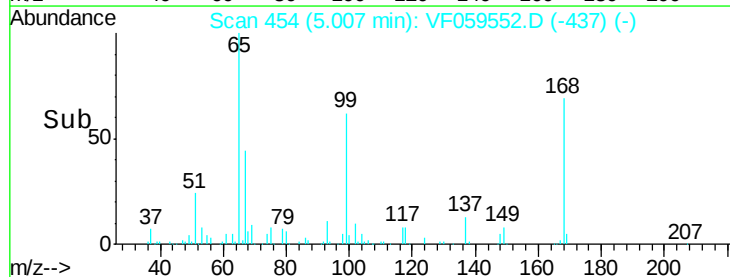
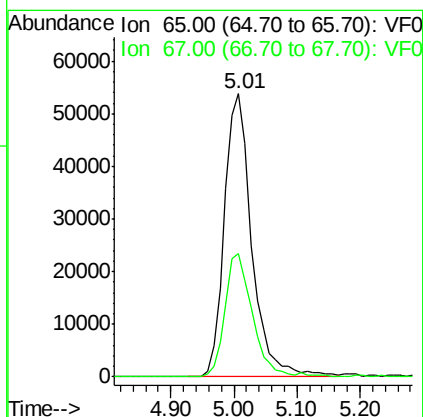
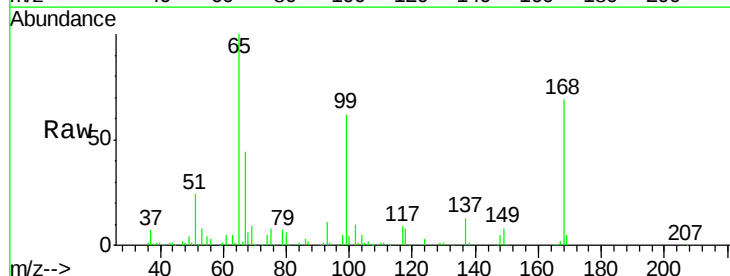
Manual Integrations
APPROVED

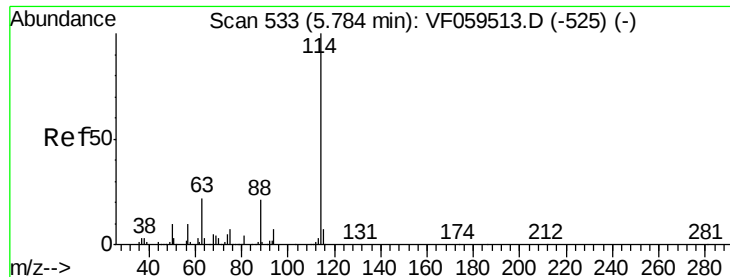
apatel
7/20/2018 11:34:19 AM



#33
1,2-Dichloroethane-d4
Concen: 51.49 ug/l
RT: 5.01 min Scan# 454
Delta R.T. -0.03 min
Lab File: VF059552.D
Acq: 19 Jul 2018 11:07

Tgt Ion	Ratio	Lower	Upper
65	100		
67	43.8	0.0	91.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.75 min Scan# 529

Delta R.T. -0.04 min

Lab File: VF059552.D

Acq: 19 Jul 2018 11:07

Instrument :

MSVOA_F

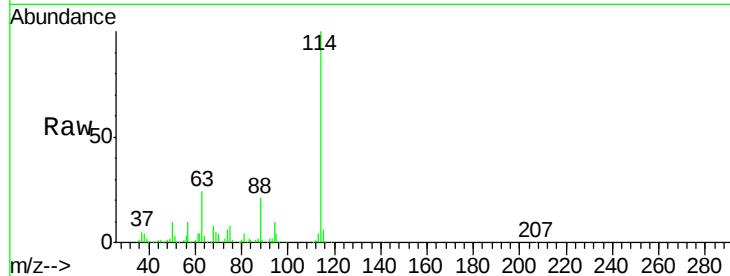
ClientSampleId :

CON-SB-08-0-2

Tot Ion:	114	Resp:	306610
Ion Ratio		Lower	Upper
114	100		
63	24.0	0.0	44.8
88	21.0	0.0	42.6

Manual Integrations
APPROVED

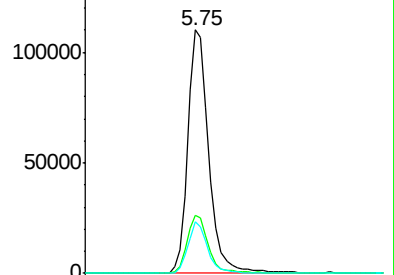
apatel
7/20/2018 11:34:19 AM



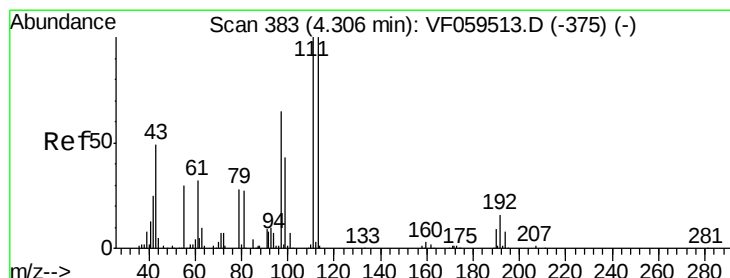
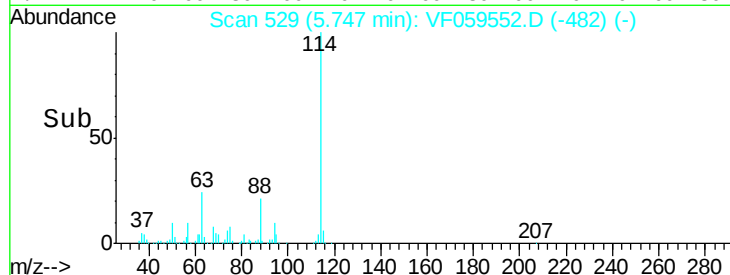
Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



Time-->



#35

Dibromofluoromethane

Concen: 52.09 ug/l

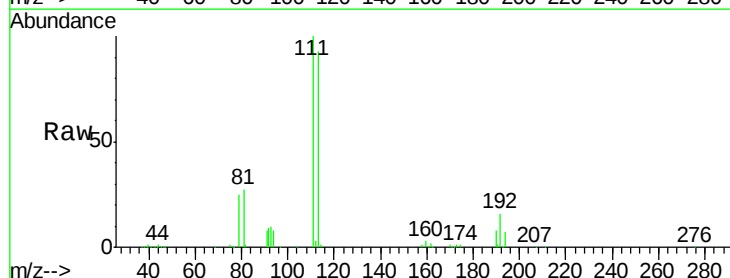
RT: 4.28 min Scan# 380

Delta R.T. -0.03 min

Lab File: VF059552.D

Acq: 19 Jul 2018 11:07

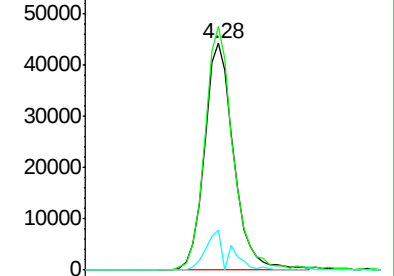
Tgt Ion:	113	Resp:	138314
Ion Ratio		Lower	Upper
113	100		
111	107.4	80.3	120.5
192	17.7	13.1	19.7



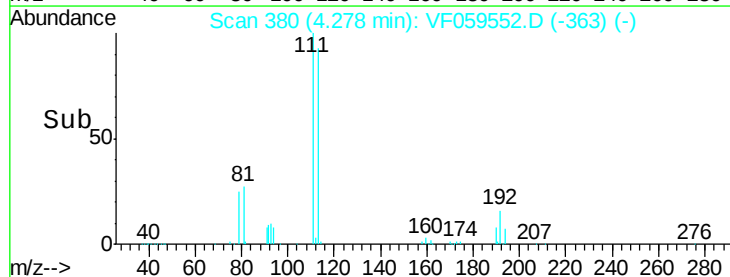
Abundance Ion 113.00 (112.70 to 113.70): V

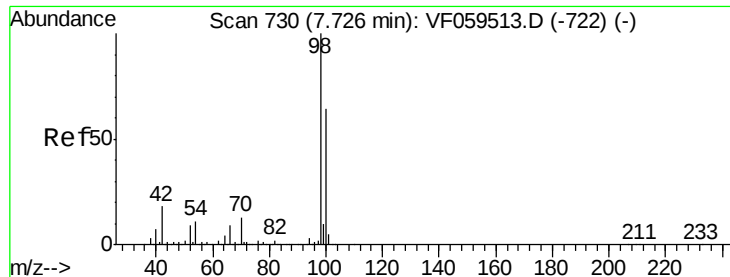
Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



Time-->





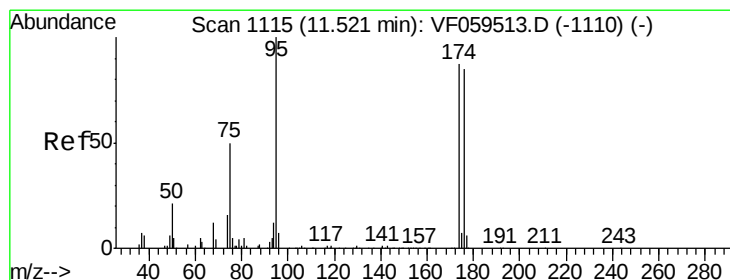
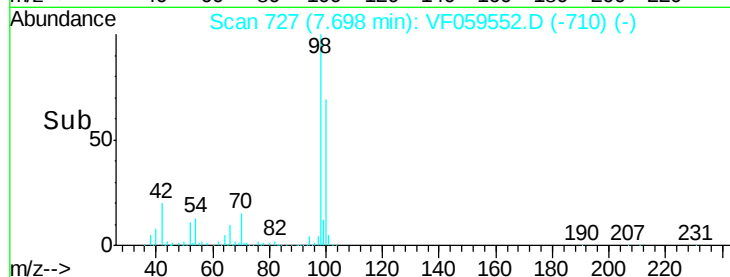
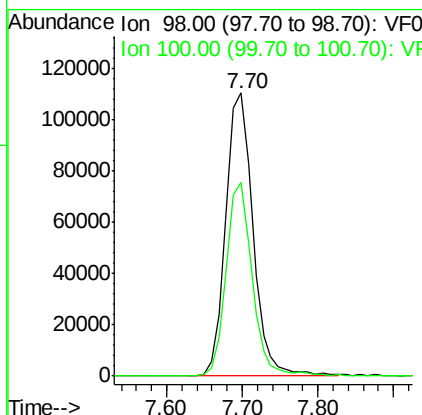
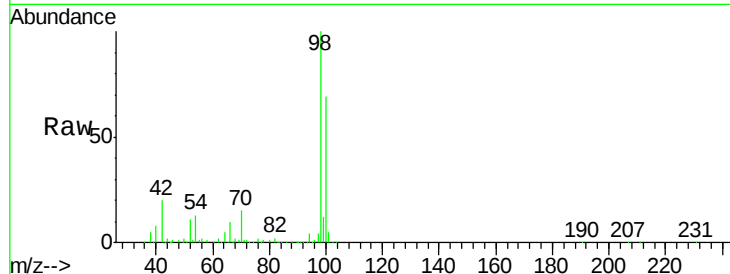
#50
Toluene-d8
Concen: 41.32 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.03 min
Lab File: VF059552.D
Acq: 19 Jul 2018 11:07

Instrument :
MSVOA_F
ClientSampleId :
CON-SB-08-0-2

Tot Ion: 98 Resp: 276423
Ion Ratio Lower Upper
98 100
100 68.6 50.9 76.3

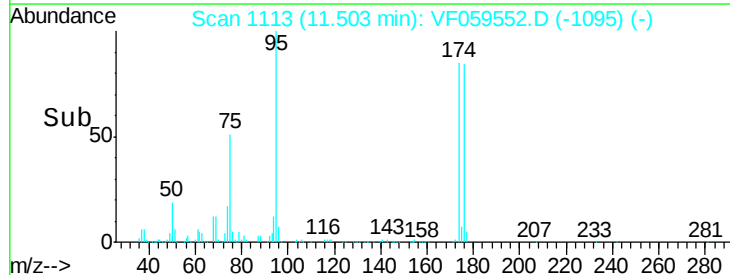
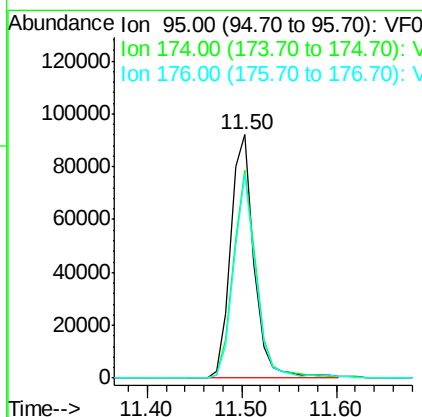
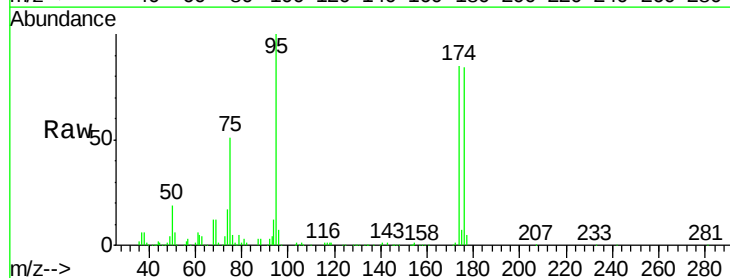
Manual Integrations
APPROVED

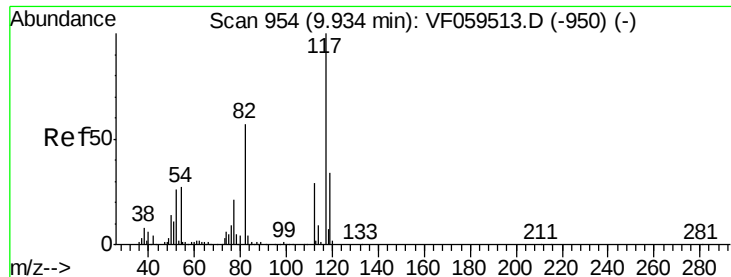
apatel
7/20/2018 11:34:19 AM



#62
4-Bromofluorobenzene
Concen: 45.13 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.02 min
Lab File: VF059552.D
Acq: 19 Jul 2018 11:07

Tgt Ion: 95 Resp: 158371
Ion Ratio Lower Upper
95 100
174 85.4 0.0 174.4
176 83.7 0.0 169.4





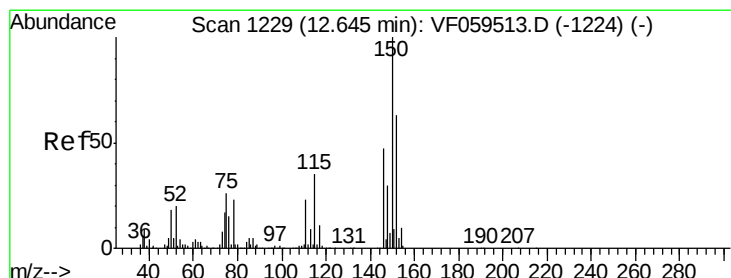
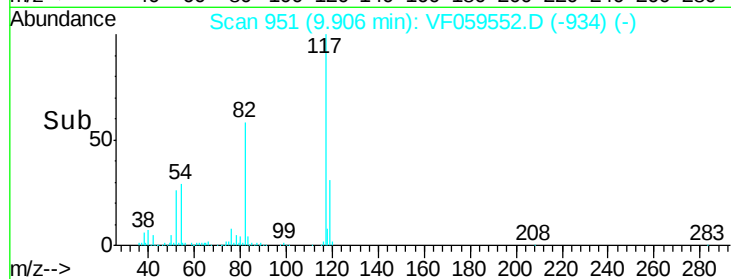
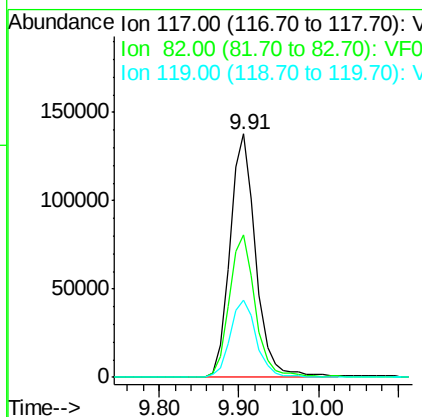
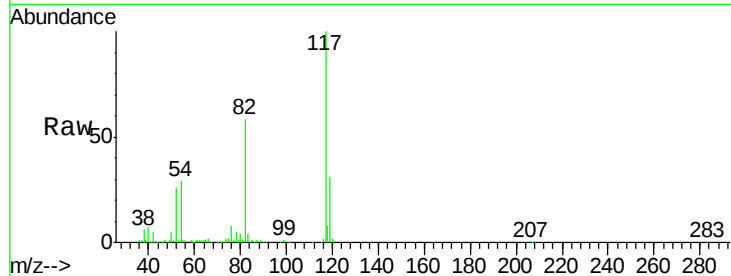
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.03 min
Lab File: VF059552.D
Acq: 19 Jul 2018 11:07

Instrument :
MSVOA_F
ClientSampleId :
CON-SB-08-0-2

Tot Ion	Ratio	Resp	Lower	Upper
117	100	312558		
82	58.4	46.1	69.1	
119	31.5	27.2	40.8	

Manual Integrations
APPROVED

apatel
7/20/2018 11:34:19 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: VF059552.D
Acq: 19 Jul 2018 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	175135		
115	55.7	27.8	83.3	
150	156.0	0.0	318.4	

