

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030519\
 Data File : VF061851.D
 Acq On : 5 Mar 2019 18:03
 Operator : VA/AP
 Sample : K1712-15
 Misc : 6.13g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 Z-2-3

Manual Integrations
 APPROVED

MMDadoda
 3/8/2019 12:12:19 AM

Quant Time: Mar 06 06:16:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:50:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	269733	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	421815	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	299311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	107414	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	76546	38.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.94%	
35) Dibromofluoromethane	4.12	113	114111	38.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.52%	
50) Toluene-d8	7.55	98	268489	30.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.38%	
62) 4-Bromofluorobenzene	11.41	95	87201	25.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	50.88%	
Target Compounds						
16) Acetone	2.24	43	17200	41.802	ug/l #	79
20) Methylene Chloride	2.25	84	14679m	1.292	ug/l	
86) p-Isopropyltoluene	12.46	119	17610	2.525	ug/l	93
95) Naphthalene	14.46	128	5378	1.345	ug/l #	91

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

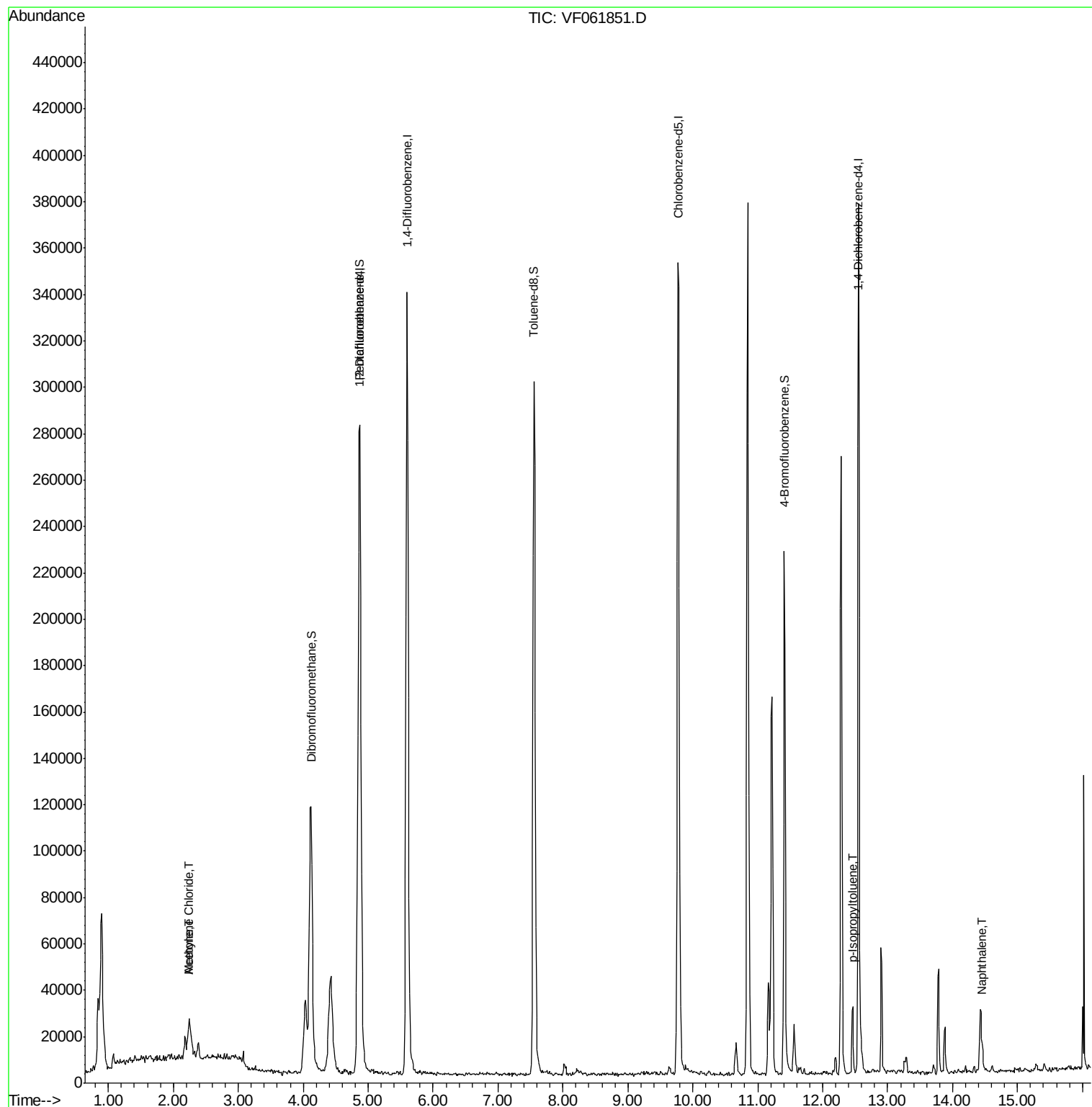
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF030519\
Data File : VF061851.D
Acq On : 5 Mar 2019 18:03
Operator : VA/AP
Sample : K1712-15
Misc : 6.13g/5mL/MSVOA-F/SOIL
ALS Vial : 10 Sample Multiplier: 1

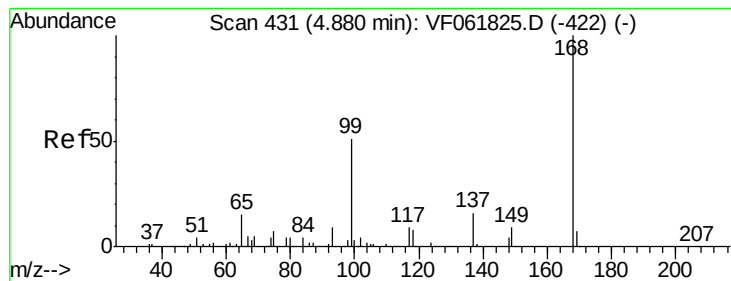
Instrument :
MSVOA_F
ClientSampleId :
Z-2-3

Manual Integrations
APPROVED

MMDadoda
3/8/2019 12:12:19 AM

Quant Time: Mar 06 06:16:34 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:50:44 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.01 min

Lab File: VF061851.D

Acq: 5 Mar 2019 18:03

Instrument :

MSVOA_F

ClientSampleId :

Z-2-3

Tot Ion:168 Resp: 269733

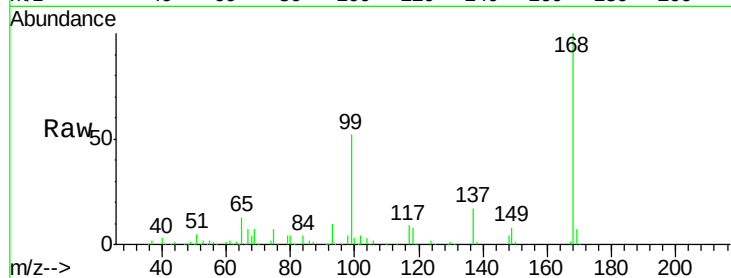
Ion Ratio Lower Upper

168 100

99 51.7 40.8 61.2

Manual Integrations
APPROVED

MMDadoda
3/8/2019 12:12:19 AM



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

80000

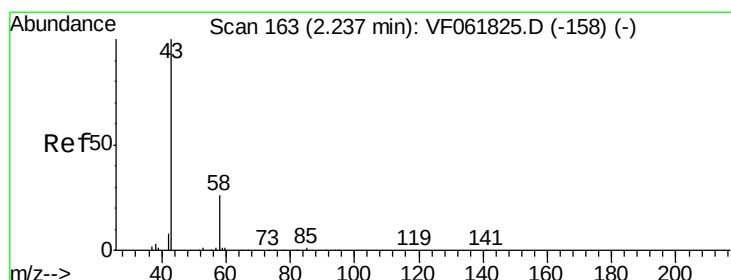
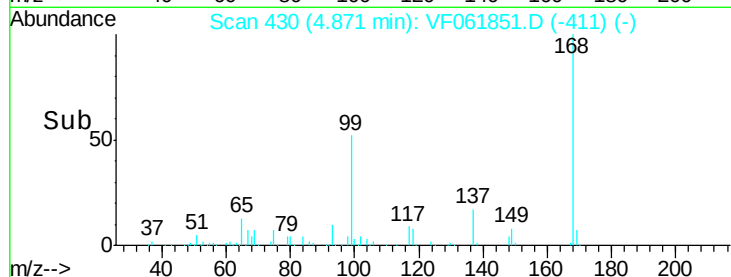
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 41.802 ug/l

RT: 2.24 min Scan# 163

Delta R.T. 0.00 min

Lab File: VF061851.D

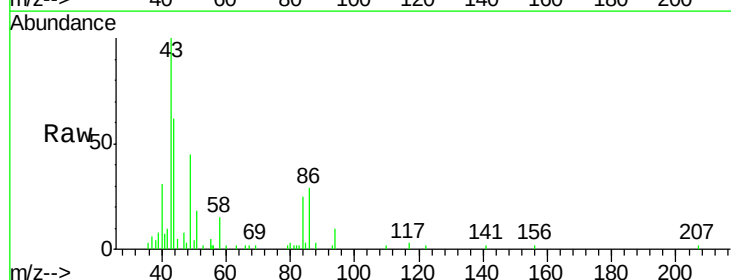
Acq: 5 Mar 2019 18:03

Tgt Ion: 43 Resp: 17200

Ion Ratio Lower Upper

43 100

58 14.6 20.3 30.5#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.24

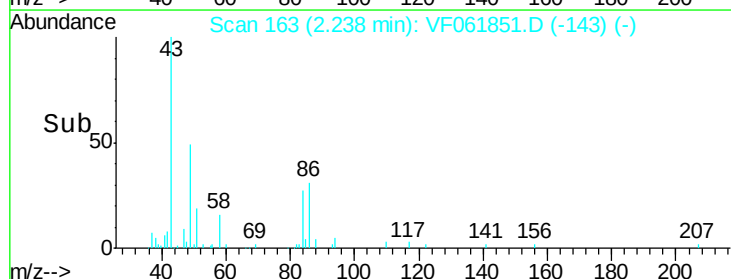
6000

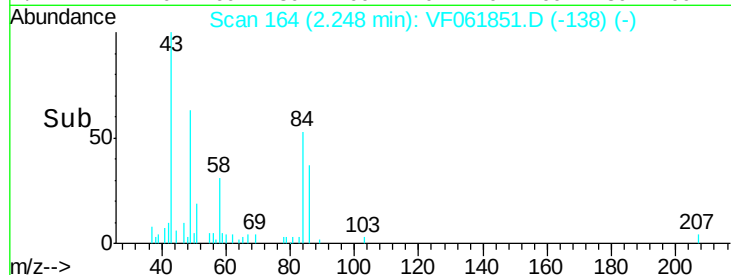
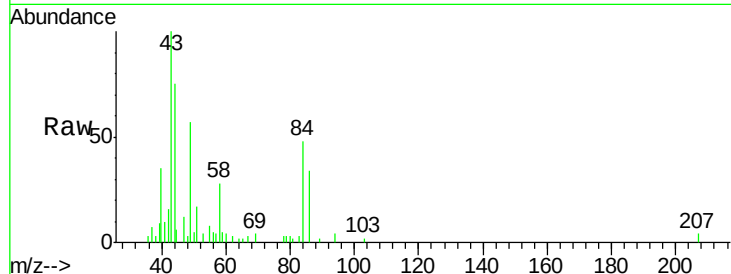
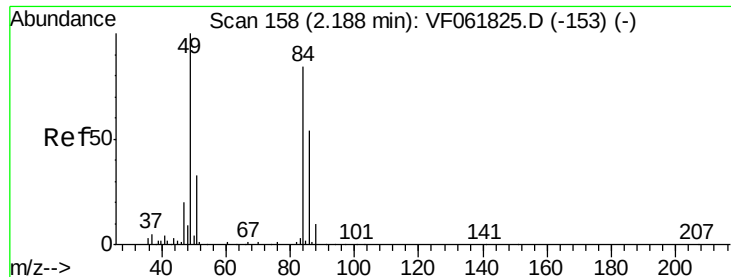
4000

2000

0

Time-->





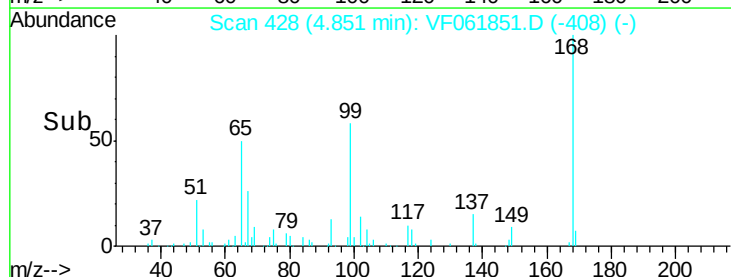
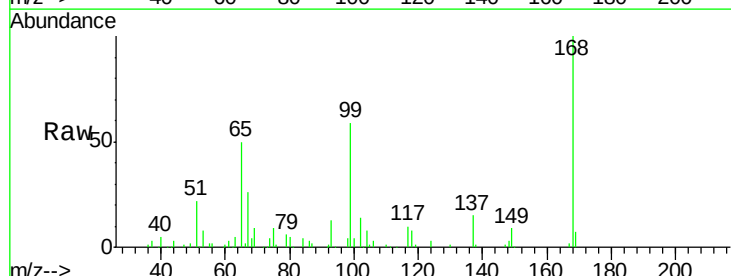
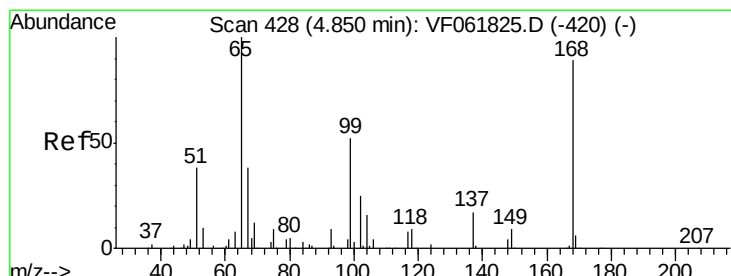
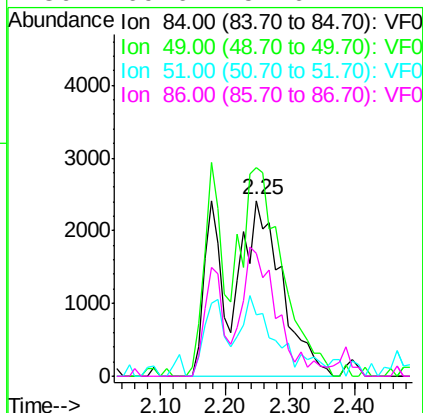
#20
Methylene Chloride
Concen: 1.292 ug/l m
RT: 2.25 min Scan# 164
Delta R.T. 0.06 min
Lab File: VF061851.D
Acq: 5 Mar 2019 18:03

Tot Ion:	84	Resp:	14679
Ion	Ratio	Lower	Upper
84	100		
49	119.0	96.8	145.2
51	35.2	31.8	47.6
86	69.6	51.6	77.4

Instrument :
MSVOA_F
ClientSampleId :
Z-2-3

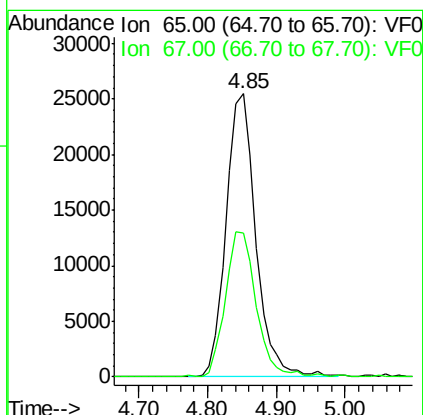
Manual Integrations
APPROVED

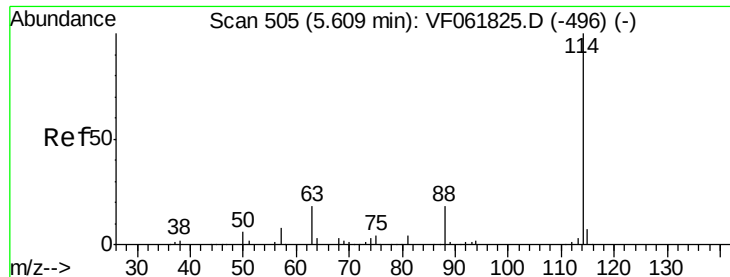
MMDadoda
3/8/2019 12:12:19 AM



#33
1,2-Dichloroethane-d4
Concen: 38.968 ug/l
RT: 4.85 min Scan# 428
Delta R.T. 0.00 min
Lab File: VF061851.D
Acq: 5 Mar 2019 18:03

Tgt Ion:	65	Resp:	76546
Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	108.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. -0.01 min

Lab File: VF061851.D

Acq: 5 Mar 2019 18:03

Instrument :

MSVOA_F

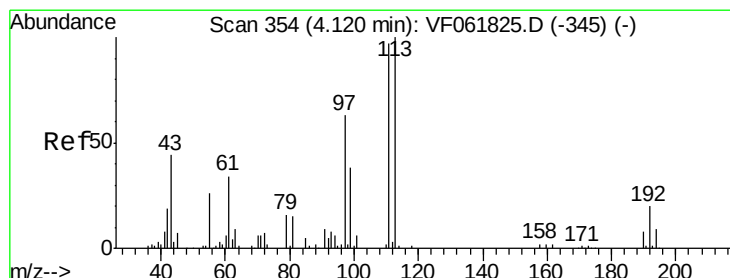
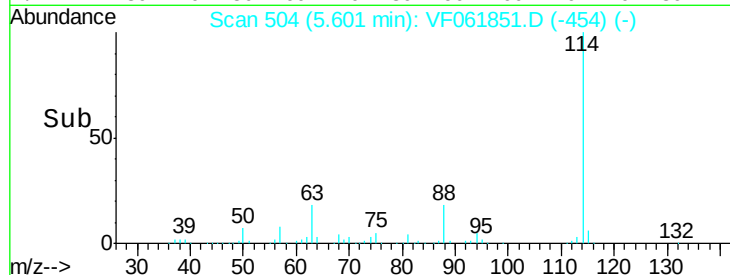
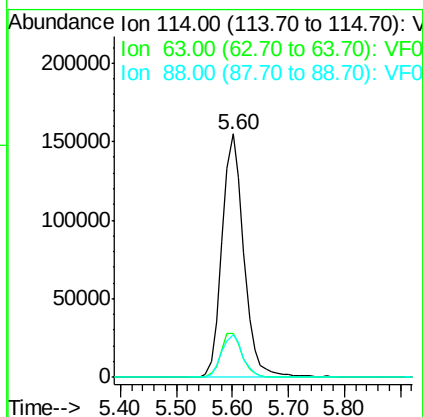
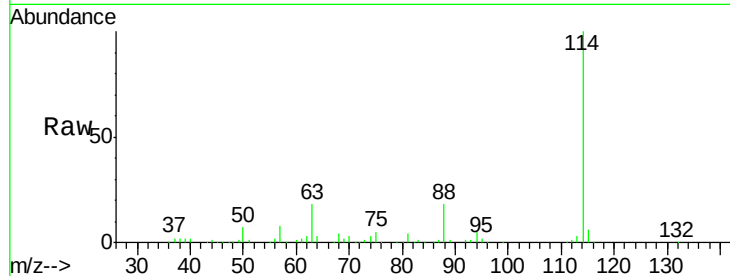
ClientSampleId :

Z-2-3

Tot Ion:	114	Resp:	421815
Ion Ratio		Lower	Upper
114	100		
63	17.9	0.0	35.6
88	17.6	0.0	35.6

Manual Integrations
APPROVED

MMDadoda
3/8/2019 12:12:19 AM



#35

Dibromofluoromethane

Concen: 38.764 ug/l

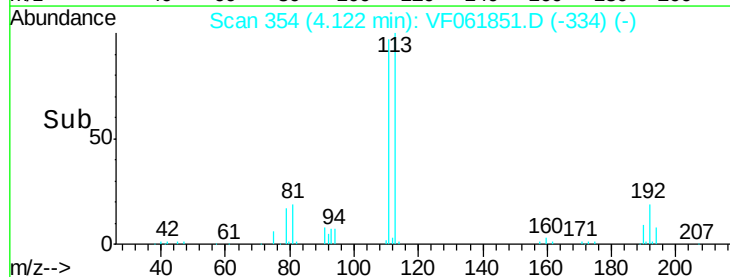
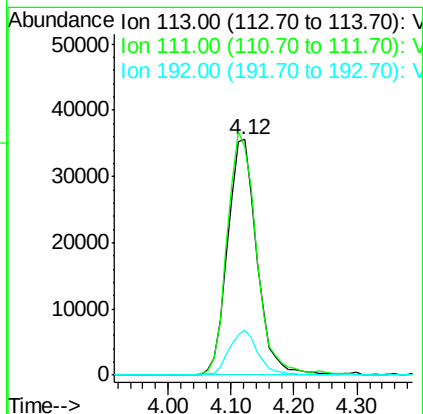
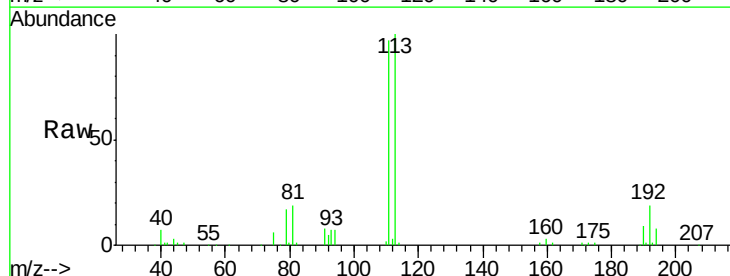
RT: 4.12 min Scan# 354

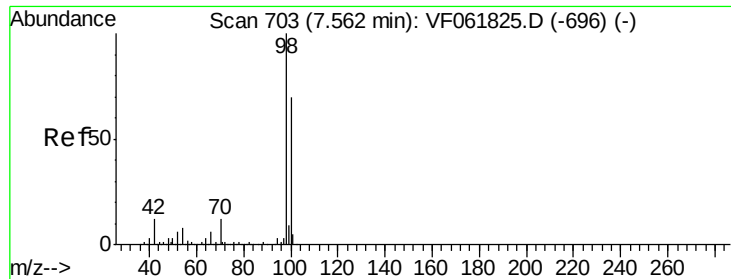
Delta R.T. 0.00 min

Lab File: VF061851.D

Acq: 5 Mar 2019 18:03

Tgt Ion:	113	Resp:	114111
Ion Ratio		Lower	Upper
113	100		
111	97.0	77.6	116.4
192	19.9	15.9	23.9





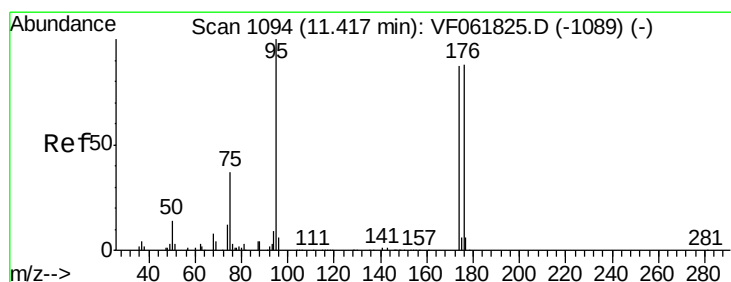
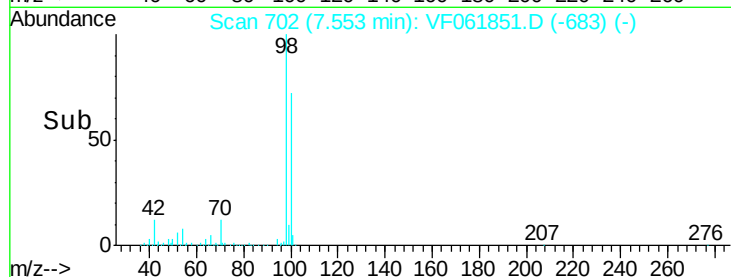
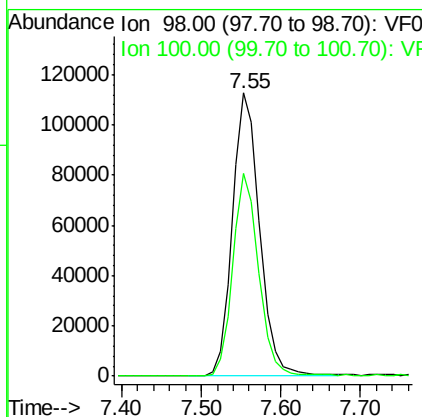
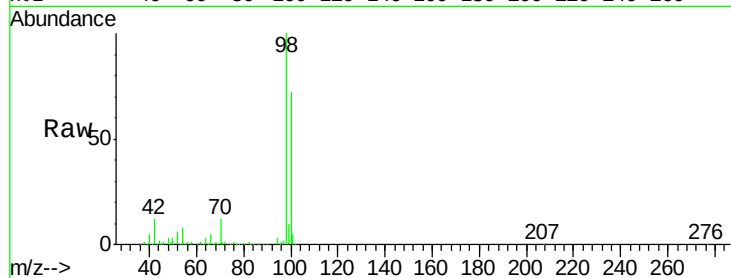
#50
Toluene-d8
Concen: 30.686 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.01 min
Lab File: VF061851.D
Acq: 5 Mar 2019 18:03

Instrument :
MSVOA_F
ClientSampleId :
Z-2-3

Tot Ion	98	Resp	268489
Ion Ratio	100	Lower	Upper
98	100		
100	71.7	56.0	84.0

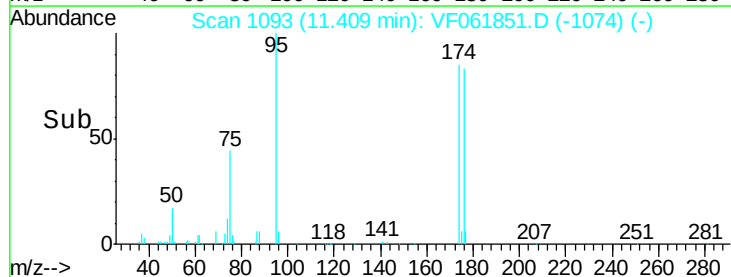
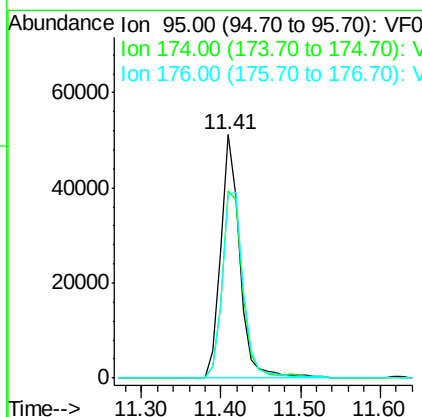
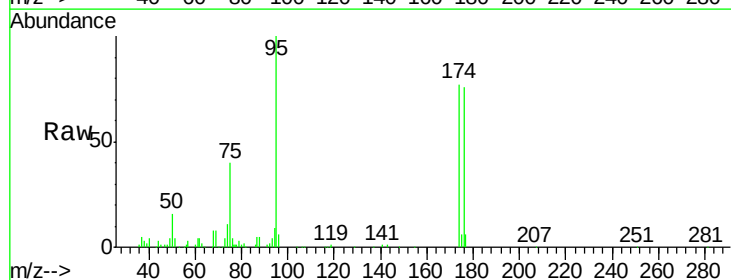
Manual Integrations
APPROVED

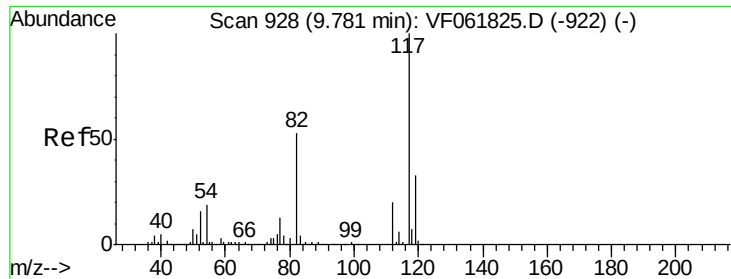
MMDadoda
3/8/2019 12:12:19 AM



#62
4-Bromofluorobenzene
Concen: 25.442 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF061851.D
Acq: 5 Mar 2019 18:03

Tgt Ion	95	Resp	87201
Ion Ratio	100	Lower	Upper
95	100		
174	77.1	0.0	174.0
176	75.5	0.0	175.2





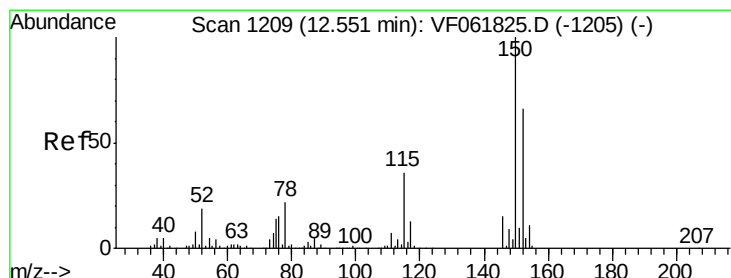
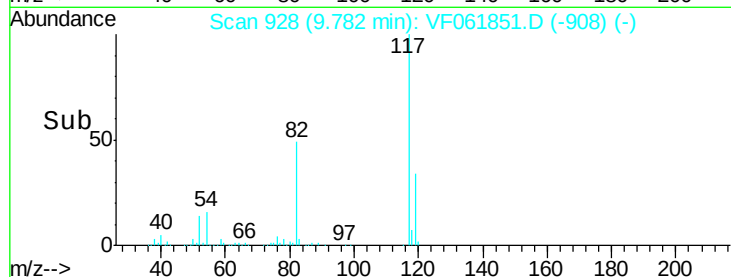
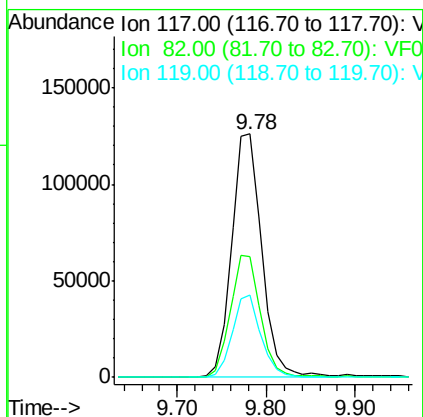
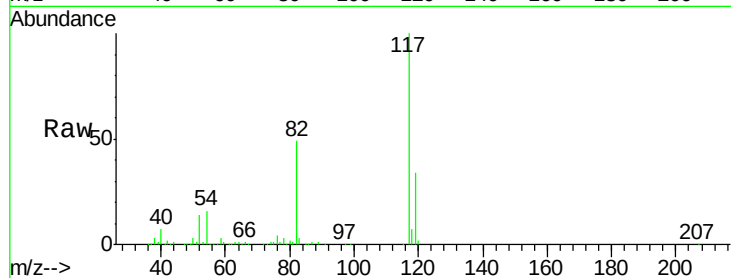
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.00 min
Lab File: VF061851.D
Acq: 5 Mar 2019 18:03

Instrument :
MSVOA_F
ClientSampleId :
Z-2-3

Tot Ion	Ratio	Resp	Lower	Upper
117	100	299311		
82	49.5	42.6	63.8	
119	34.0	26.0	39.0	

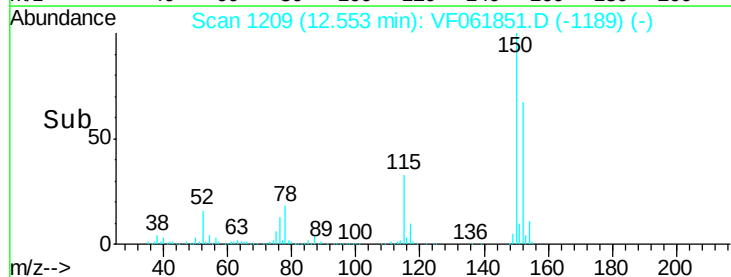
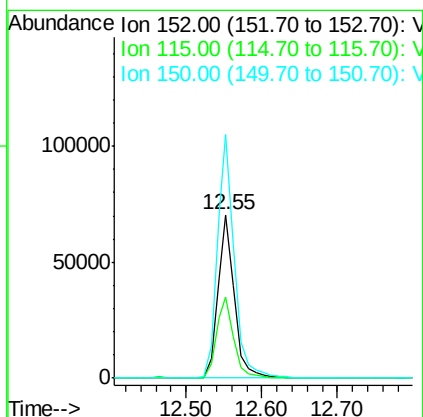
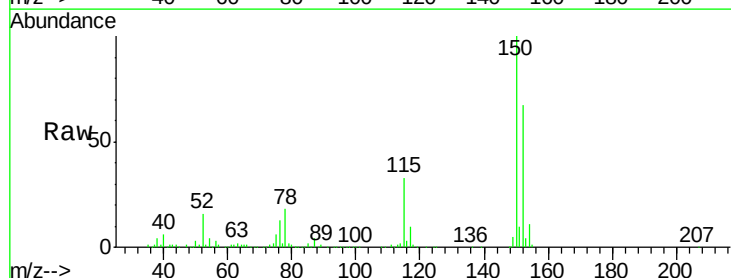
Manual Integrations
APPROVED

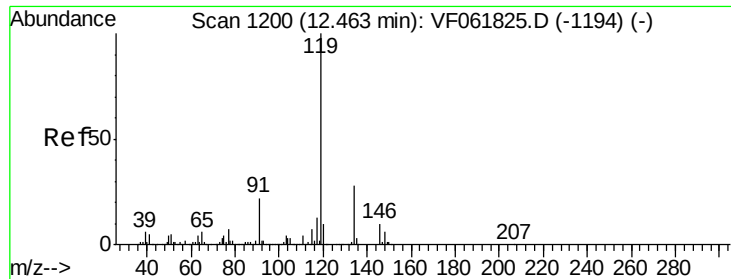
MMDadoda
3/8/2019 12:12:19 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.00 min
Lab File: VF061851.D
Acq: 5 Mar 2019 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	107414		
115	49.9	27.7	83.1	
150	149.2	0.0	304.2	





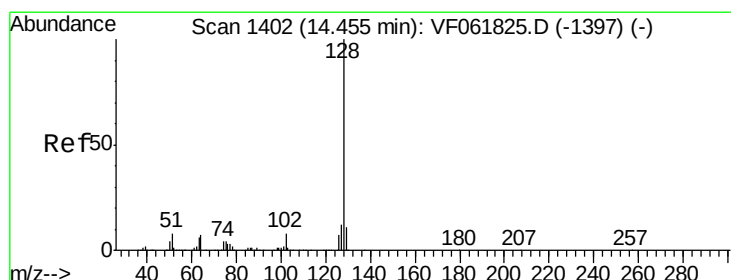
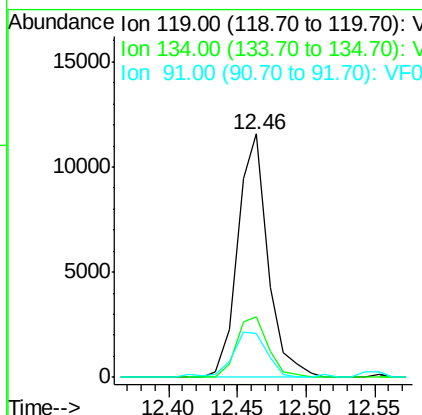
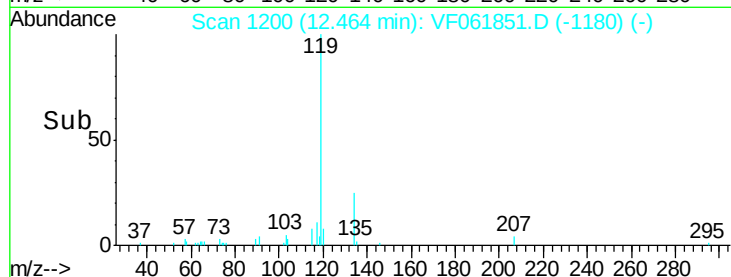
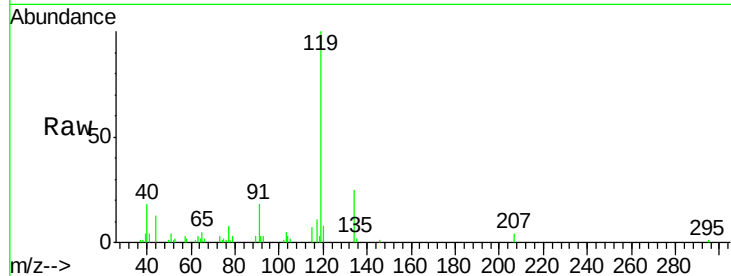
#86
p-Isopropyltoluene
Concen: 2.525 ug/l
RT: 12.46 min Scan# 1200
Delta R.T. 0.00 min
Lab File: VF061851.D
Acq: 5 Mar 2019 18:03

Instrument :
MSVOA_F
ClientSampleId :
Z-2-3

Tot Ion	Ratio	Resp	Lower	Upper
119	100	17610		
134	24.9		14.0	42.0
91	17.9		11.1	33.3

Manual Integrations
APPROVED

MMDadoda
3/8/2019 12:12:19 AM



#95
Naphthalene
Concen: 1.345 ug/l
RT: 14.46 min Scan# 1402
Delta R.T. 0.00 min
Lab File: VF061851.D
Acq: 5 Mar 2019 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	5378		
127	11.6		9.3	13.9
129	18.0		8.8	13.2#

