

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011119\
 Data File : VF061371.D
 Acq On : 11 Jan 2019 16:39
 Operator : VA/AP
 Sample : K1011-01
 Misc : 6.19g/5mL/MSVOA-F/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-02-011019-A

Manual Integrations
 APPROVED

MMDadoda
 1/14/2019 1:17:04 PM

Quant Time: Jan 12 04:15:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 07:13:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	222894	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	393188	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	354313	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	134051	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	130139	52.46	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	104.92%	
35) Dibromofluoromethane	4.10	113	151613	50.39	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	100.78%	
50) Toluene-d8	7.54	98	396480	44.53	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	89.06%	
62) 4-Bromofluorobenzene	11.39	95	160004	41.16	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	82.32%	
Target Compounds						
16) Acetone	2.23	43	12350	21.399	ug/l	95
20) Methylene Chloride	2.18	84	18634m	7.632	ug/l	
95) Naphthalene	14.44	128	6615	1.166	ug/l #	95

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

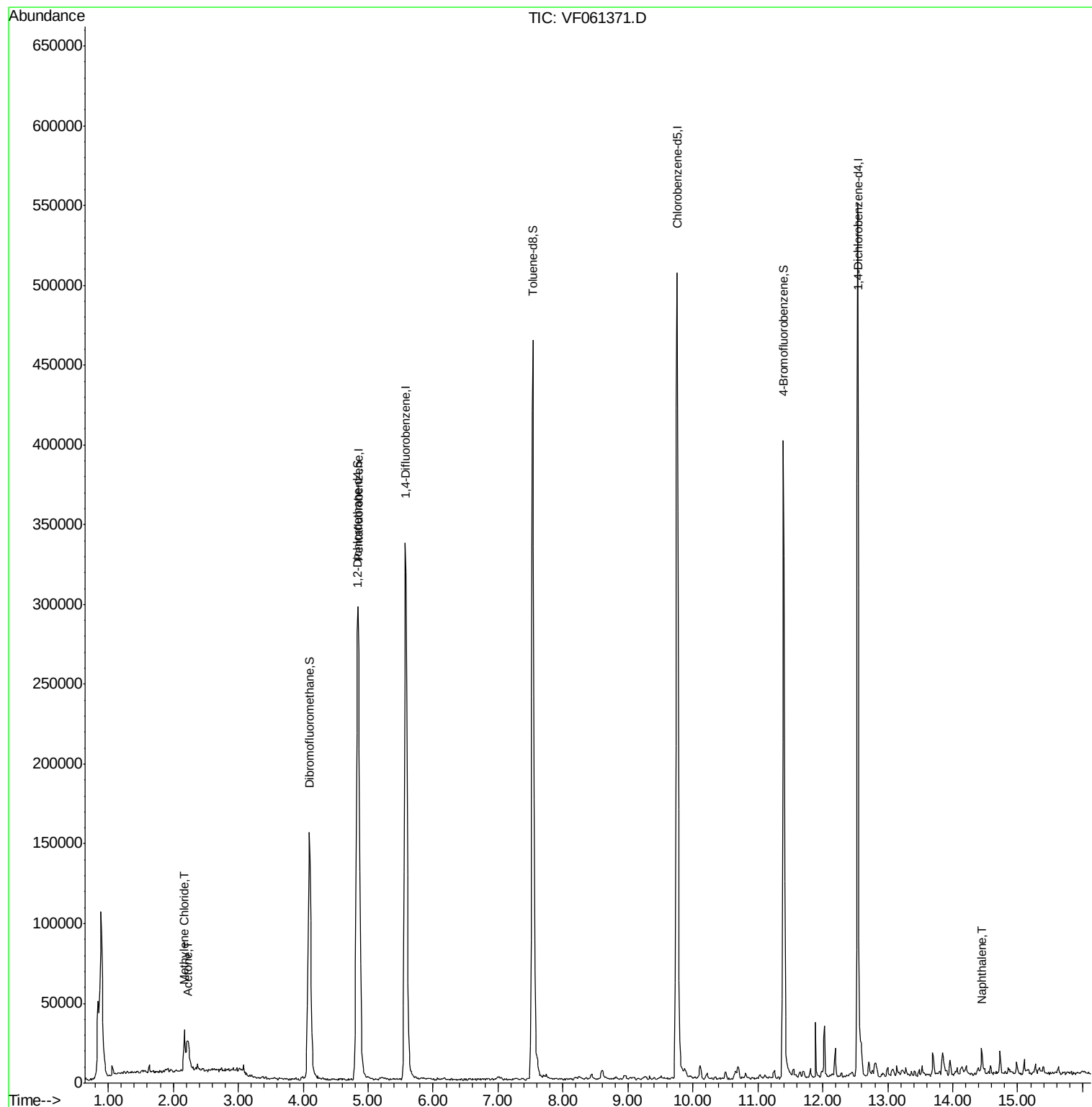
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF011119\
Data File : VF061371.D
Acq On : 11 Jan 2019 16:39
Operator : VA/AP
Sample : K1011-01
Misc : 6.19g/5mL/MSVOA-F/SOIL
ALS Vial : 33 Sample Multiplier: 1

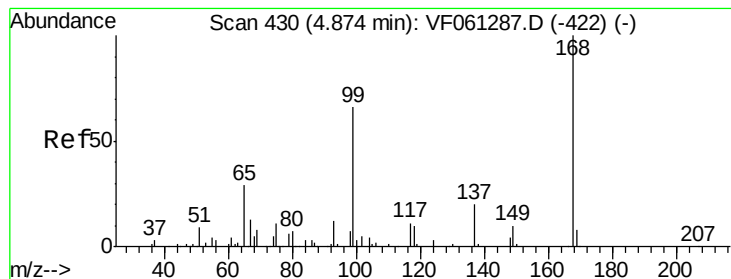
Instrument :
MSVOA_F
ClientSampleId :
OR-02-011019-A

Manual Integrations
APPROVED

MMDadoda
1/14/2019 1:17:04 PM

Quant Time: Jan 12 04:15:27 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 07:13:51 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.02 min

Lab File: VF061371.D

Acq: 11 Jan 2019 16:39

Instrument :

MSVOA_F

ClientSampleId :

OR-02-011019-A

Tot Ion:168 Resp: 222894

Ion Ratio Lower Upper

168 100

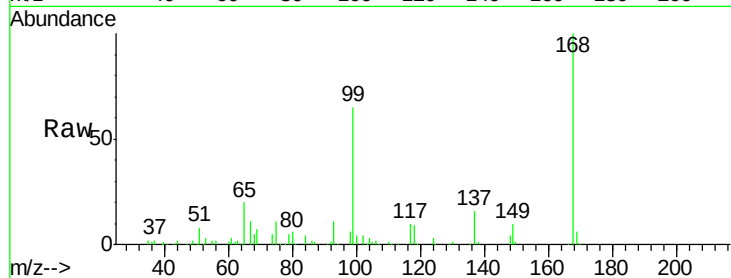
99 64.5 52.7 79.1

Manual Integrations

APPROVED

MMDadoda

1/14/2019 1:17:04 PM



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

80000

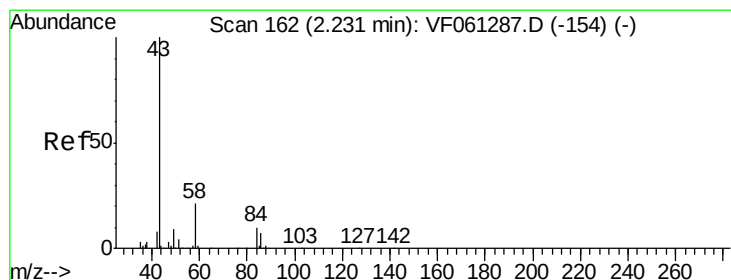
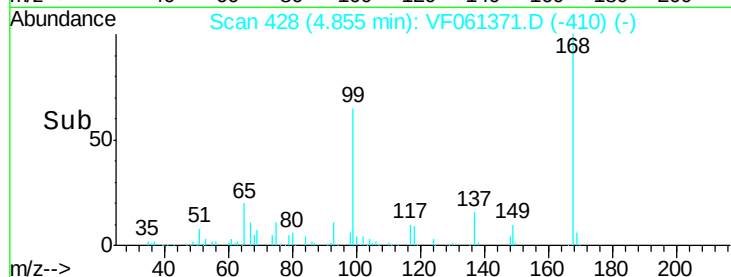
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 21.399 ug/l

RT: 2.23 min Scan# 162

Delta R.T. 0.00 min

Lab File: VF061371.D

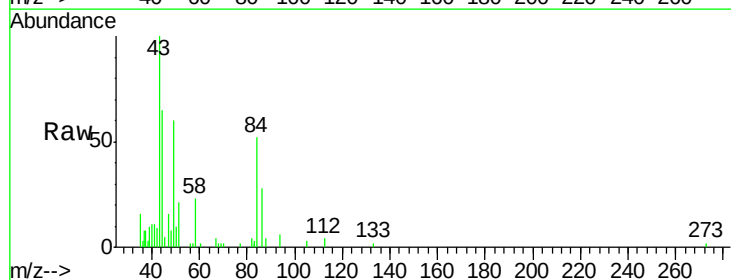
Acq: 11 Jan 2019 16:39

Tgt Ion: 43 Resp: 12350

Ion Ratio Lower Upper

43 100

58 22.9 16.6 25.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.23

6000

5000

4000

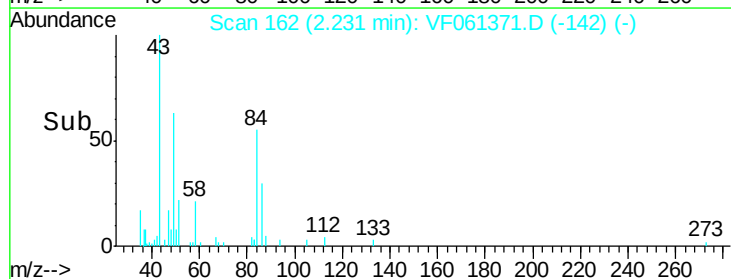
3000

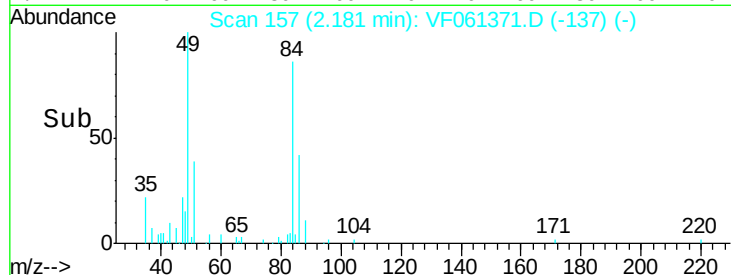
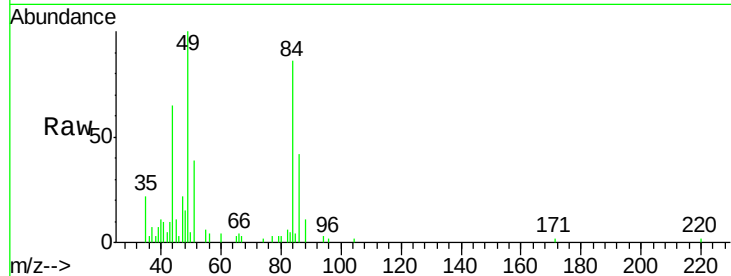
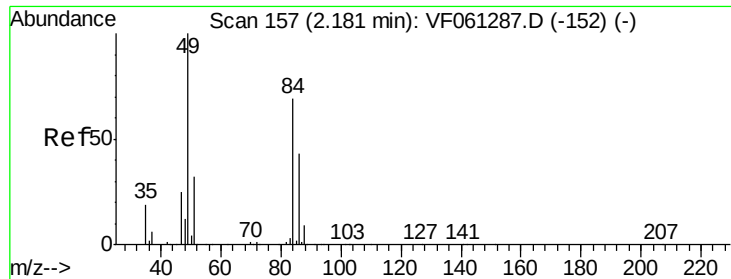
2000

1000

0

Time-->





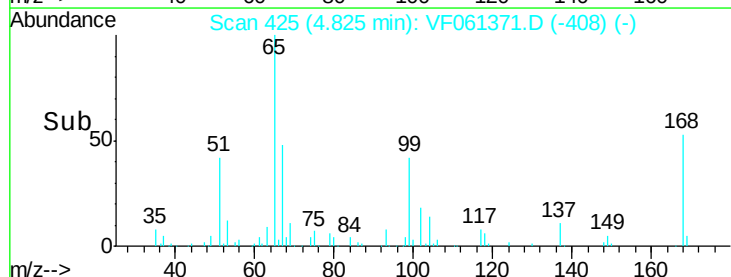
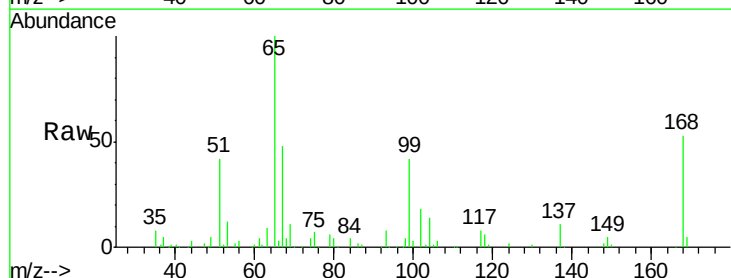
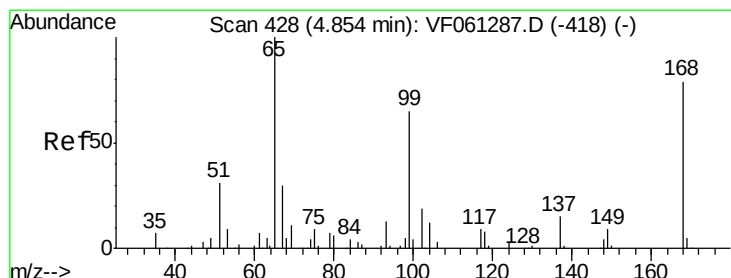
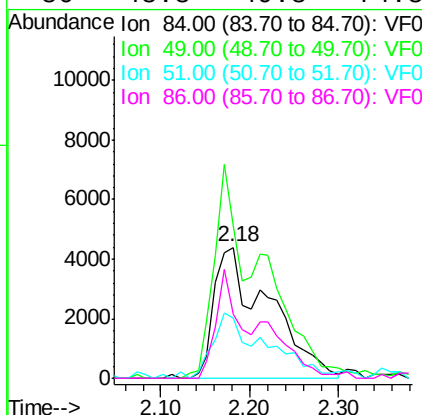
#20
Methylene Chloride
Concen: 7.632 ug/l m
RT: 2.18 min Scan# 157
Delta R.T. 0.00 min
Lab File: VF061371.D
Acq: 11 Jan 2019 16:39

Tot Ion	Ratio	Lower	Upper
84	100		
49	116.3	116.6	175.0#
51	45.7	37.7	56.5
86	48.8	49.8	74.8#

Instrument :
MSVOA_F
ClientSampleId :
OR-02-011019-A

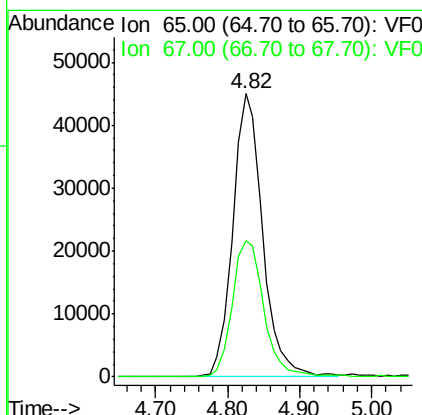
Manual Integrations
APPROVED

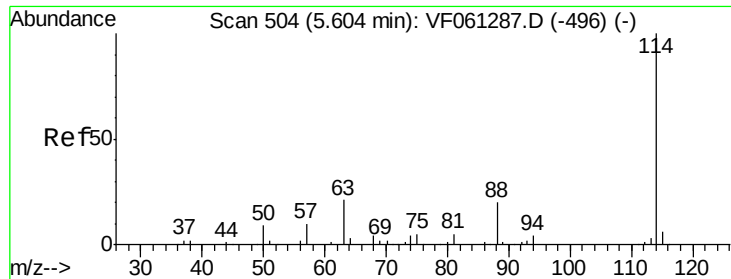
MMDadoda
1/14/2019 1:17:04 PM



#33
1,2-Dichloroethane-d4
Concen: 52.456 ug/l
RT: 4.82 min Scan# 425
Delta R.T. -0.03 min
Lab File: VF061371.D
Acq: 11 Jan 2019 16:39

Tgt Ion	Ratio	Lower	Upper
65	100		
67	48.1	0.0	98.2





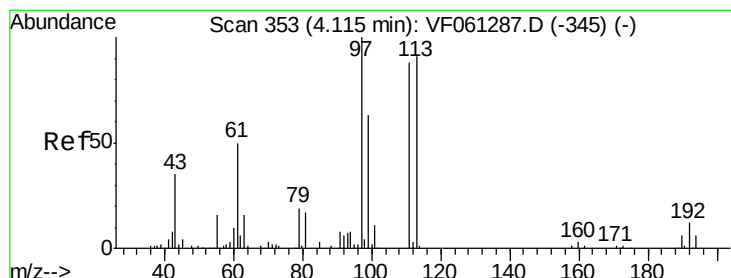
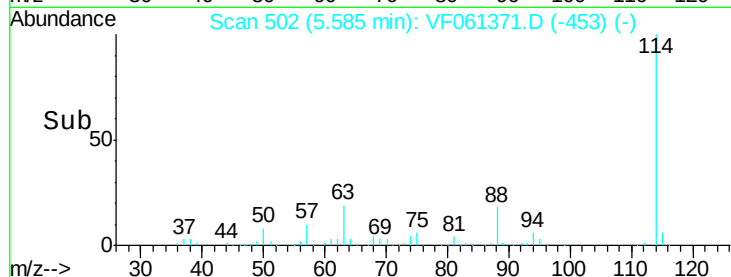
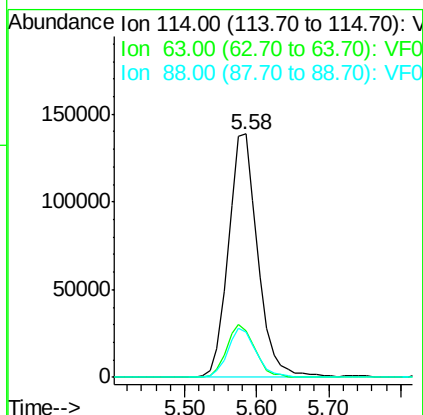
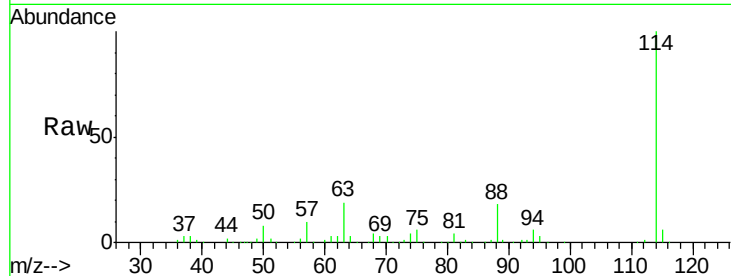
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.58 min Scan# 502
 Delta R.T. -0.02 min
 Lab File: VF061371.D
 Acq: 11 Jan 2019 16:39

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-02-011019-A

Tot Ion	Ratio	Resp	Lower	Upper
114	100	393188		
63	19.2	0.0	42.8	
88	18.3	0.0	40.0	

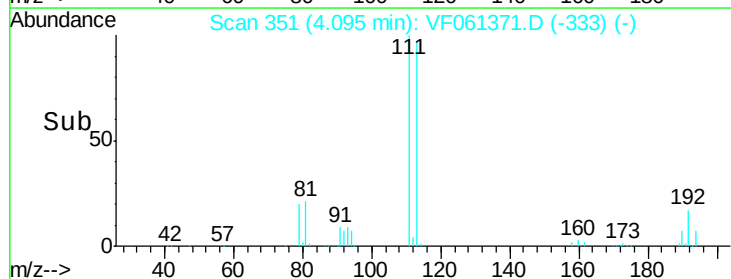
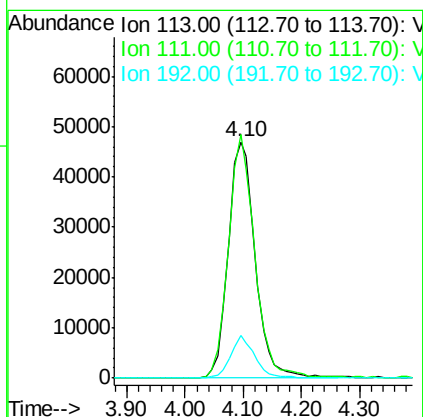
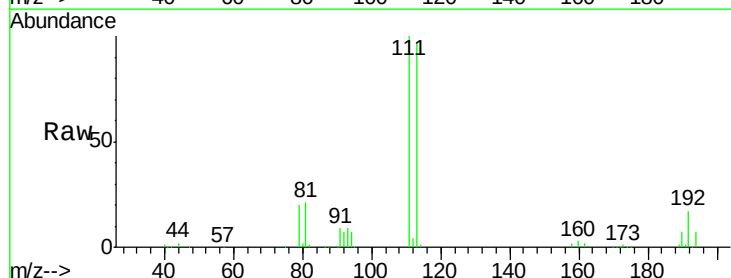
Manual Integrations
 APPROVED

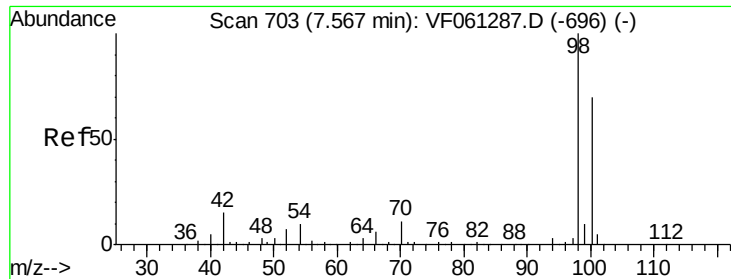
MMDadoda
 1/14/2019 1:17:04 PM



#35
 Dibromofluoromethane
 Concen: 50.394 ug/l
 RT: 4.10 min Scan# 351
 Delta R.T. -0.02 min
 Lab File: VF061371.D
 Acq: 11 Jan 2019 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	151613		
111	103.1	78.0	117.0	
192	17.8	10.6	16.0	#





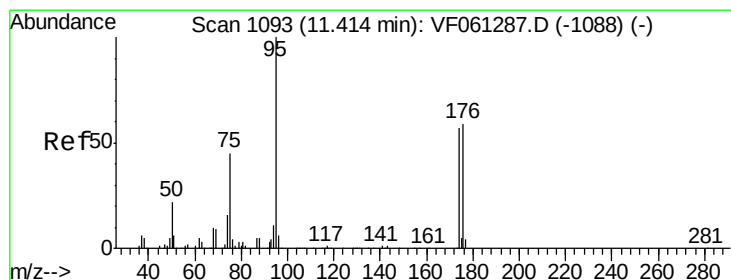
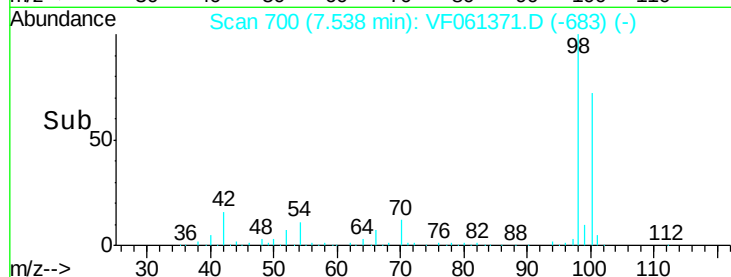
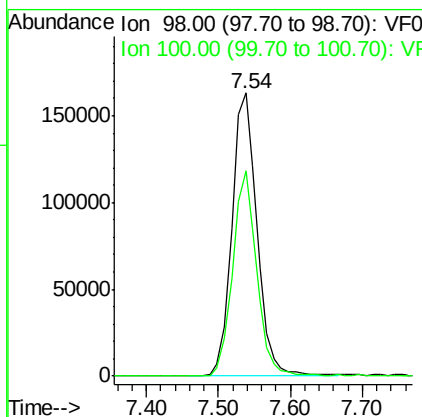
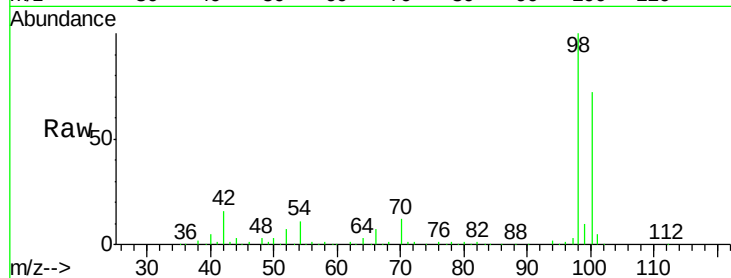
#50
Toluene-d8
Concen: 44.533 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.03 min
Lab File: VF061371.D
Acq: 11 Jan 2019 16:39

Instrument :
MSVOA_F
ClientSampleId :
OR-02-011019-A

Tot Ion: 98 Resp: 396480
Ion Ratio Lower Upper
98 100
100 72.4 55.6 83.4

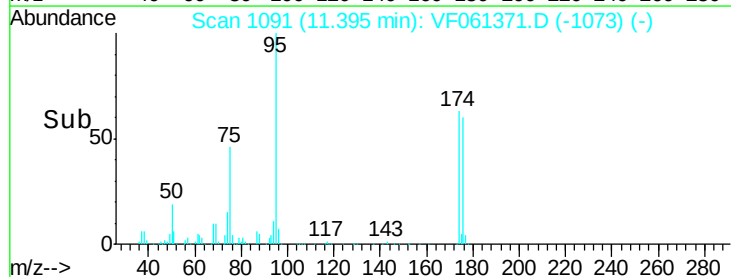
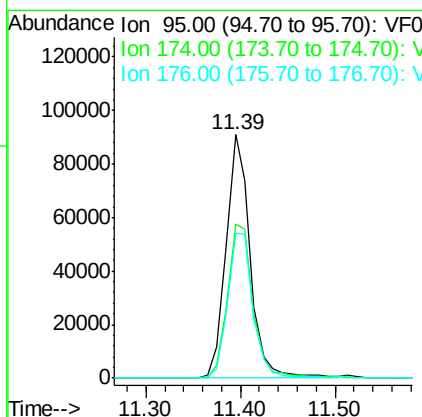
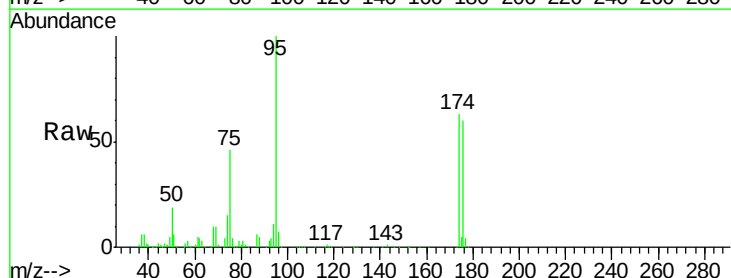
Manual Integrations
APPROVED

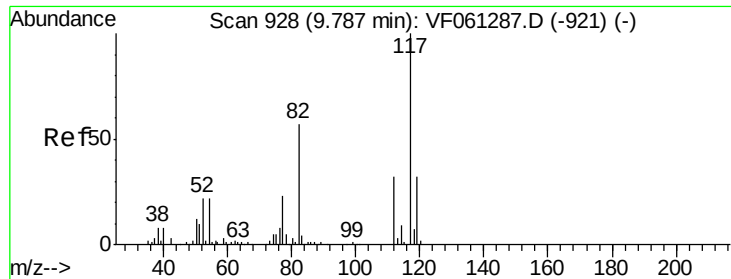
MMDadoda
1/14/2019 1:17:04 PM



#62
4-Bromofluorobenzene
Concen: 41.158 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. -0.02 min
Lab File: VF061371.D
Acq: 11 Jan 2019 16:39

Tgt Ion: 95 Resp: 160004
Ion Ratio Lower Upper
95 100
174 63.1 0.0 114.2
176 59.7 0.0 117.8





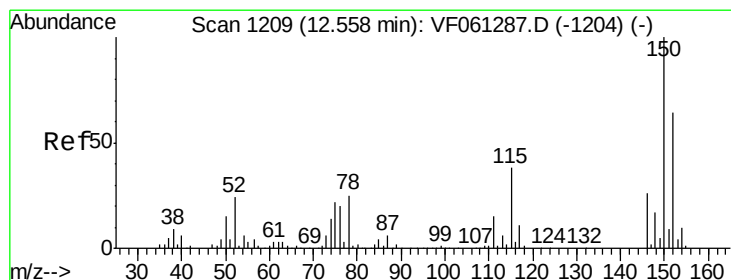
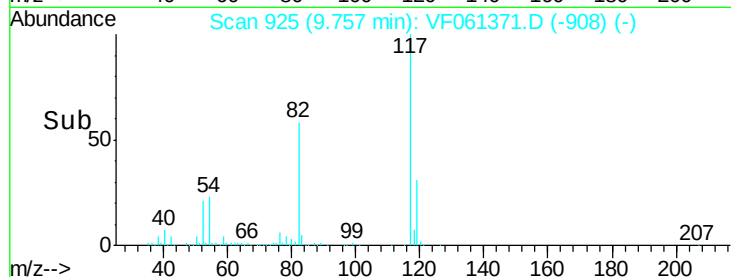
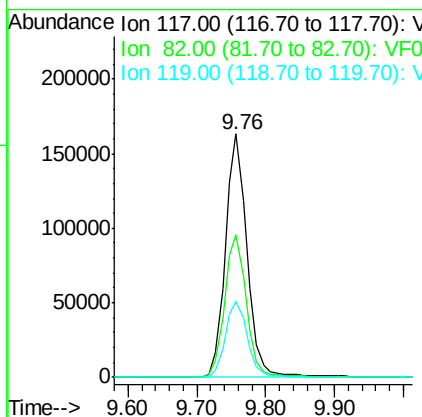
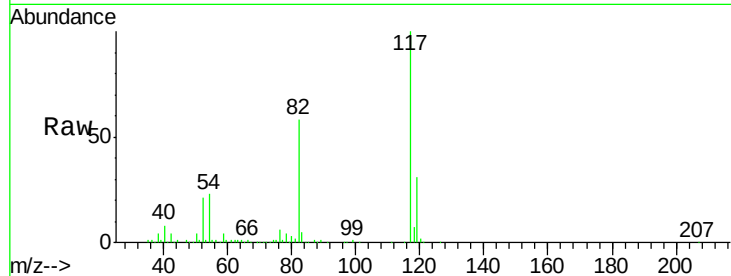
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 925
Delta R.T. -0.03 min
Lab File: VF061371.D
Acq: 11 Jan 2019 16:39

Instrument :
MSVOA_F
ClientSampleId :
OR-02-011019-A

Tot Ion	Ratio	Resp	Lower	Upper
117	100	354313		
82	58.3	45.3	67.9	
119	31.1	25.4	38.0	

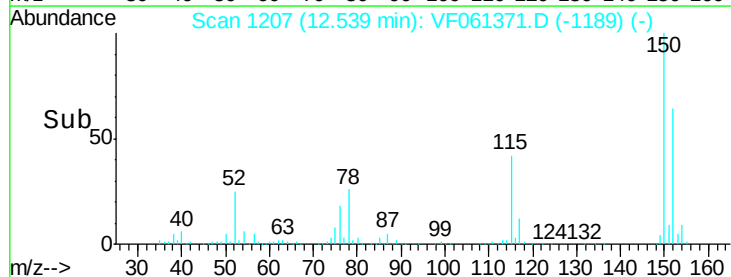
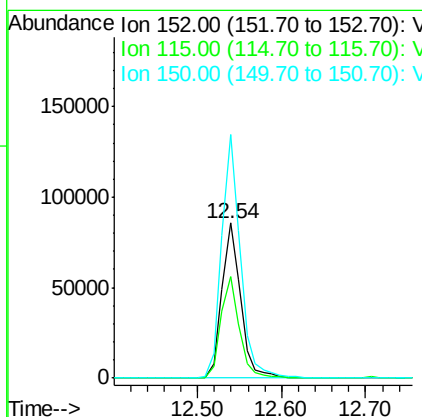
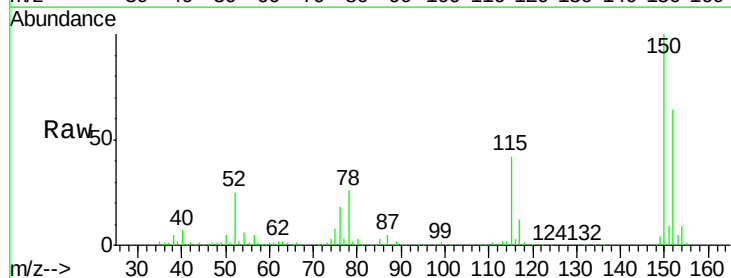
Manual Integrations
APPROVED

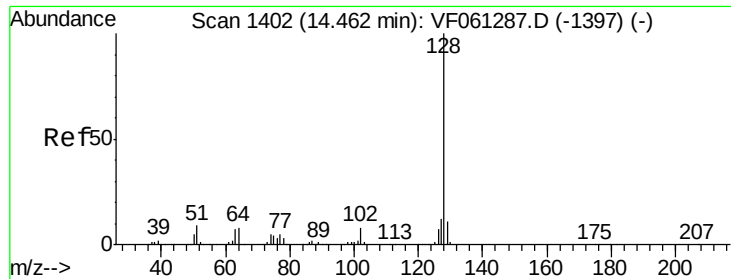
MMDadoda
1/14/2019 1:17:04 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1207
Delta R.T. -0.02 min
Lab File: VF061371.D
Acq: 11 Jan 2019 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	134051		
115	65.4	29.6	88.9	
150	156.9	0.0	315.4	





#95
Naphthalene
Concen: 1.166 ug/l
RT: 14.44 min Scan# 1400
Delta R.T. -0.02 min
Lab File: VF061371.D
Acq: 11 Jan 2019 16:39

Instrument :
MSVOA_F
ClientSampleId :
OR-02-011019-A

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	11.8	9.4	14.0
129	15.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
1/14/2019 1:17:04 PM

