

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052319\
 Data File : VF062736.D
 Acq On : 23 May 2019 19:34
 Operator : FY/SY
 Sample : K3036-02
 Misc : 5.81g/5mL/MSVOA F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FEQC-DUP-052319

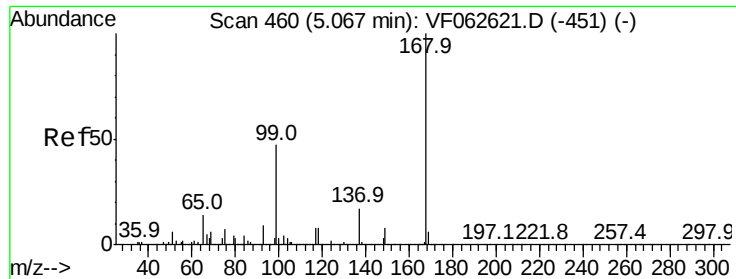
Manual Integrations
 APPROVED

MMDadoda
 5/24/2019 11:16:19 AM

Quant Time: May 24 03:29:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	799705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.79	114	1354302	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	1014488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	404784	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	252777	44.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.46%	
35) Dibromofluoromethane	4.32	113	464271	44.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.60%	
50) Toluene-d8	7.72	98	1075900	43.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.96%	
62) 4-Bromofluorobenzene	11.50	95	351121	37.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.84%	
Target Compounds						
20) Methylene Chloride	2.34	84	37491m	5.102	ug/l	
40) Benzene	4.84	78	46280	1.224	ug/l #	90
52) Toluene	7.79	92	179508	9.054	ug/l	80

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. 0.00 min

Lab File: VF062736.D

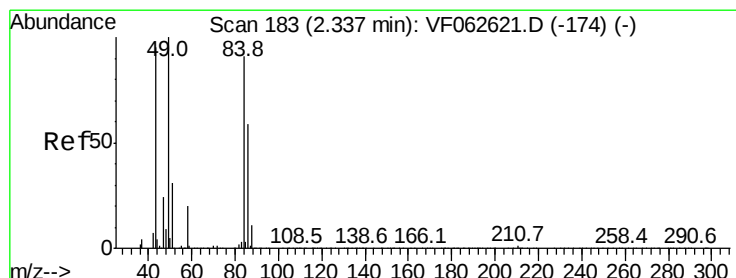
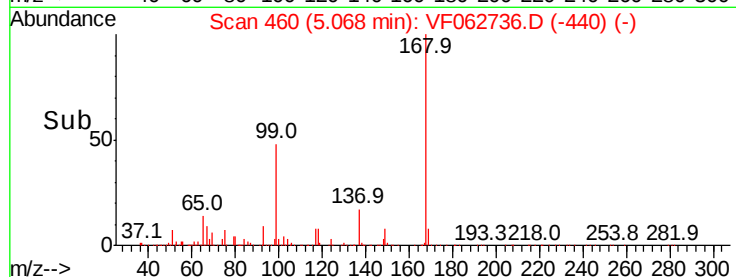
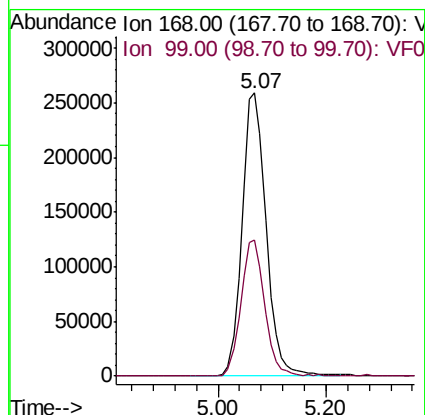
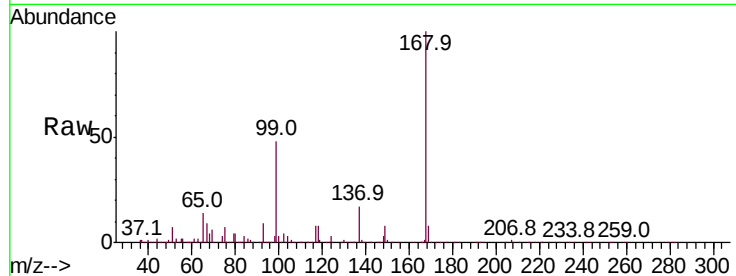
Acq: 23 May 2019 19:34

Instrument :
MSVOA_F
ClientSampleId :
FEQC-DUP-052319

Tot Ion	Ratio	Resp	Lower	Upper
168	100	799705		
99	47.9		37.8	56.8

Manual Integrations
APPROVED

MMDadoda
5/24/2019 11:16:19 AM



#20

Methylene Chloride

Concen: 5.102 ug/l m

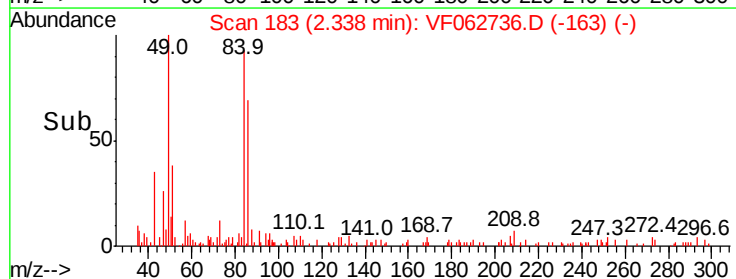
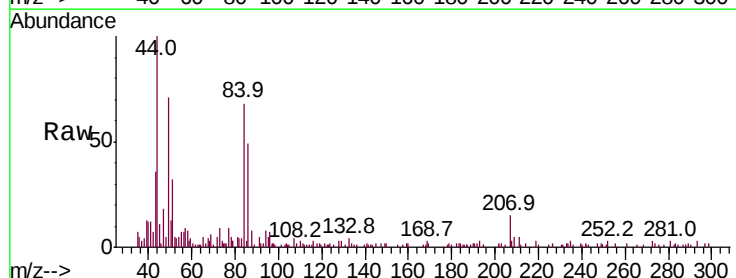
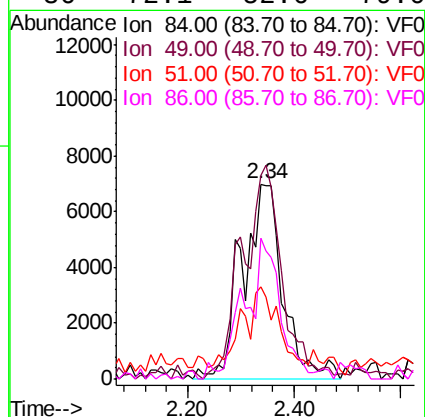
RT: 2.34 min Scan# 183

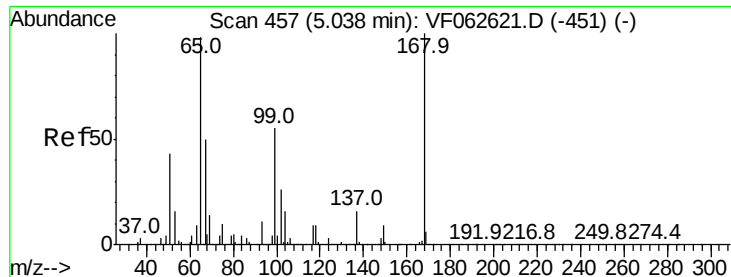
Delta R.T. 0.00 min

Lab File: VF062736.D

Acq: 23 May 2019 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
84	100	37491		
49	104.5		89.8	134.8
51	47.0		28.4	42.6
86	72.1		52.6	79.0





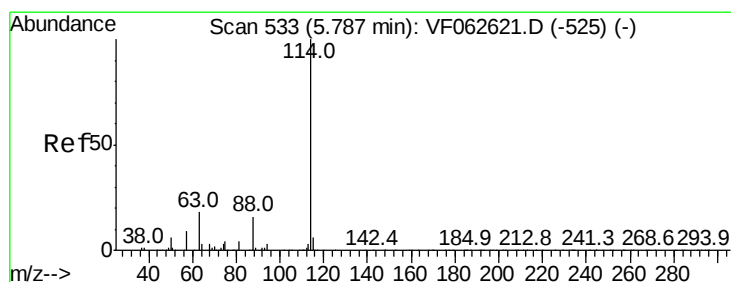
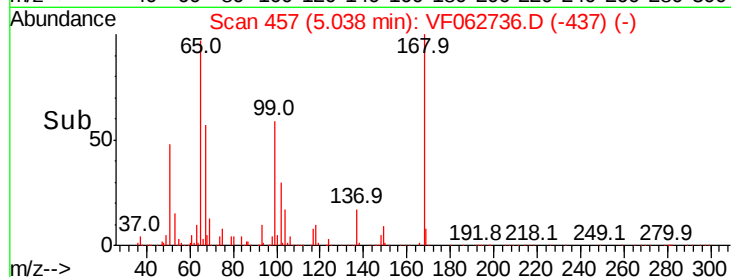
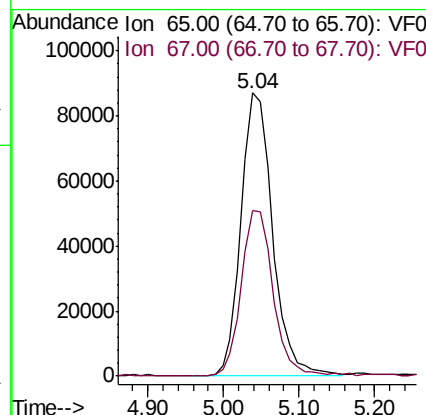
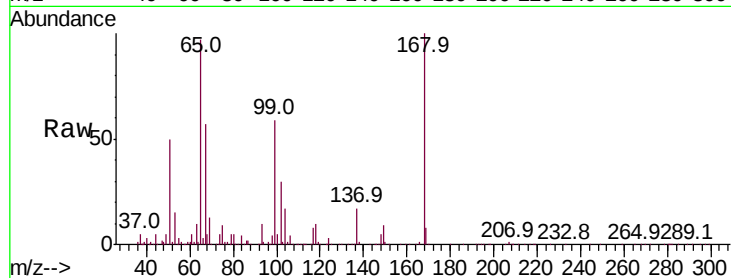
#33
 1,2-Dichloroethane-d4
 Concen: 44.731 ug/l
 RT: 5.04 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: VF062736.D
 Acq: 23 May 2019 19:34

Instrument :
 MSVOA_F
 ClientSampleId :
 FEQC-DUP-052319

Tot Ion	Ratio	Resp	Lower	Upper
65	100	252777		
67	58.5	0.0	117.6	

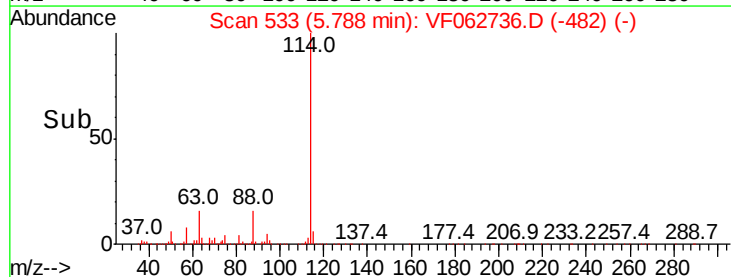
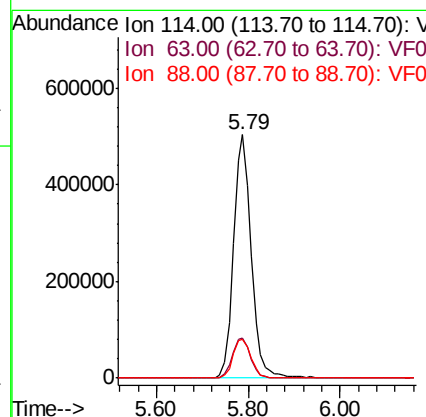
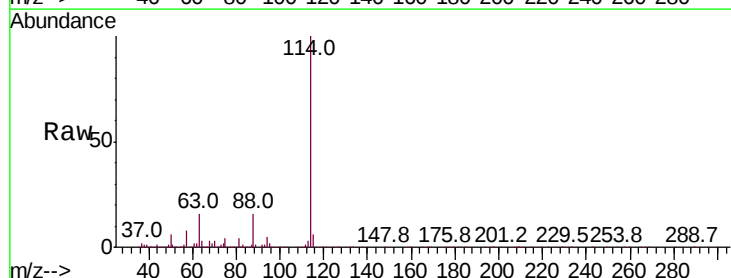
Manual Integrations
 APPROVED

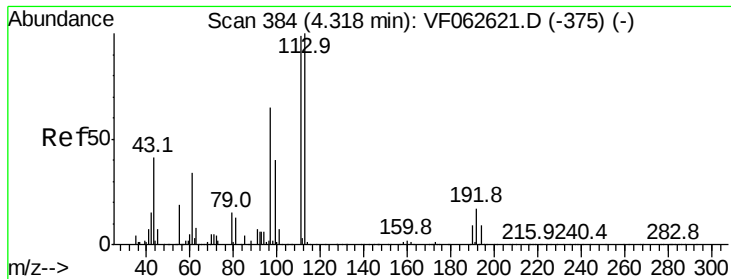
MMDadoda
 5/24/2019 11:16:19 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.79 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: VF062736.D
 Acq: 23 May 2019 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1354302		
63	16.3	0.0	35.4	
88	16.0	0.0	32.4	





#35

Dibromofluoromethane

Concen: 44.800 ug/l

RT: 4.32 min Scan# 384

Delta R.T. 0.00 min

Lab File: VF062736.D

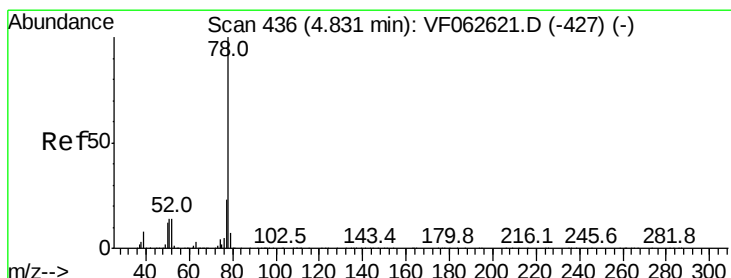
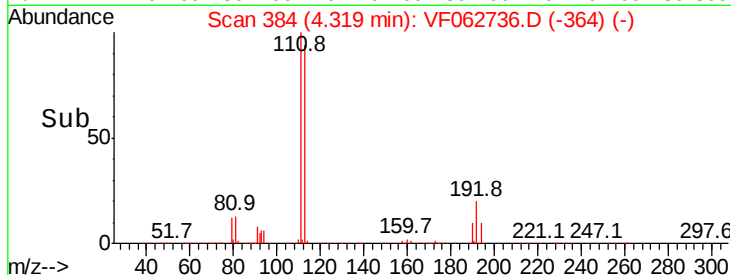
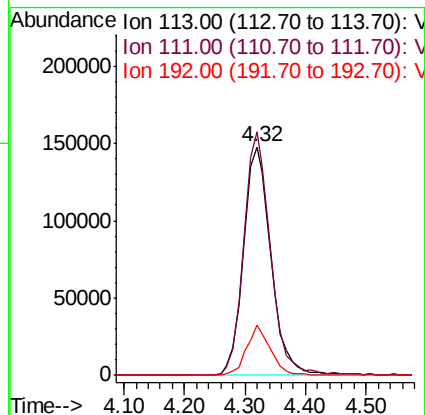
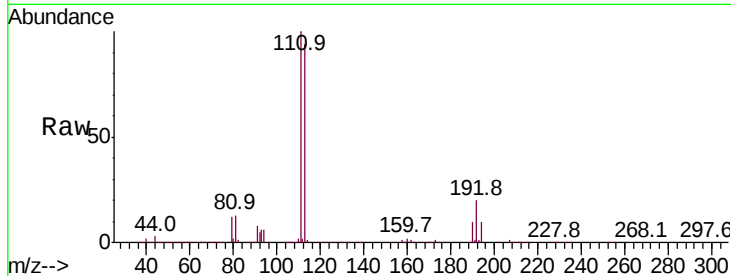
Acq: 23 May 2019 19:34

Instrument :
MSVOA_F
ClientSampleId :
FEQC-DUP-052319

Tot Ion	Ratio	Lower	Upper
113	100		
111	106.7	79.4	119.2
192	22.1	13.4	20.2

Manual Integrations
APPROVED

MMDadoda
5/24/2019 11:16:19 AM



#40

Benzene

Concen: 1.224 ug/l

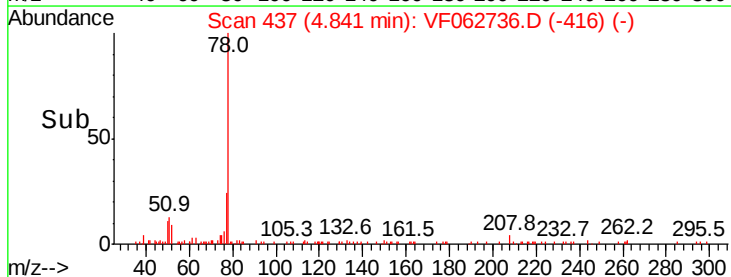
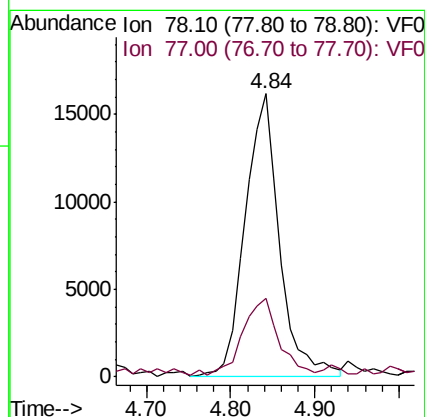
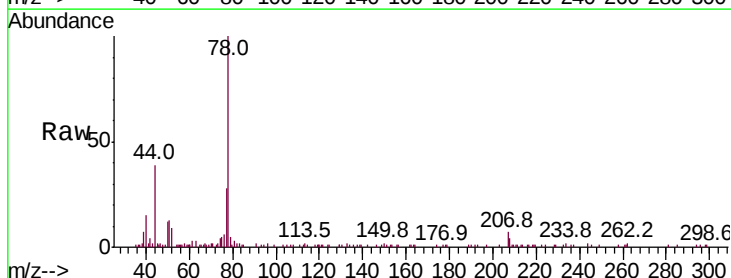
RT: 4.84 min Scan# 437

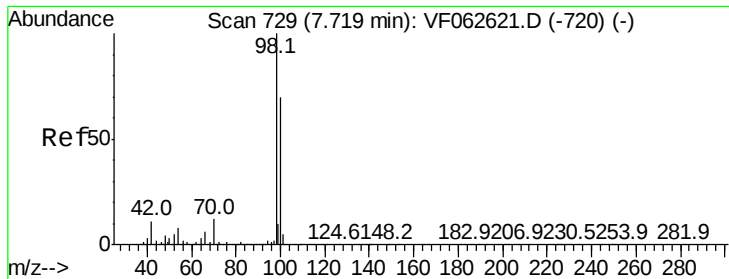
Delta R.T. 0.01 min

Lab File: VF062736.D

Acq: 23 May 2019 19:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	27.6	18.2	27.2





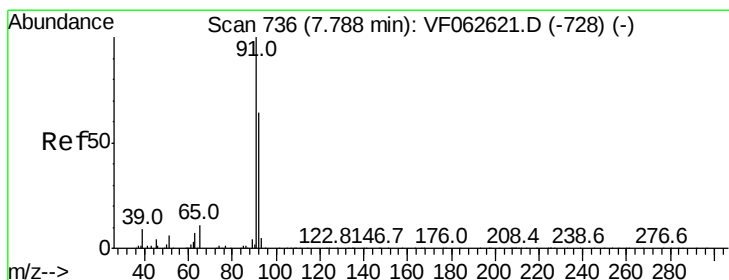
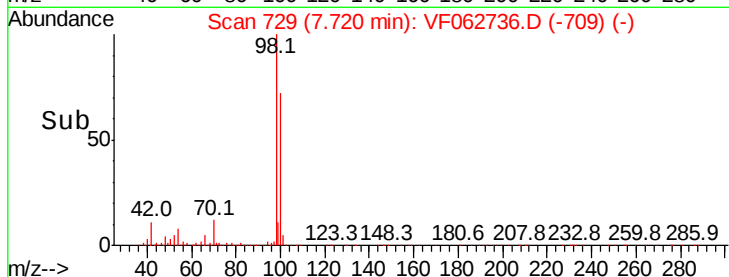
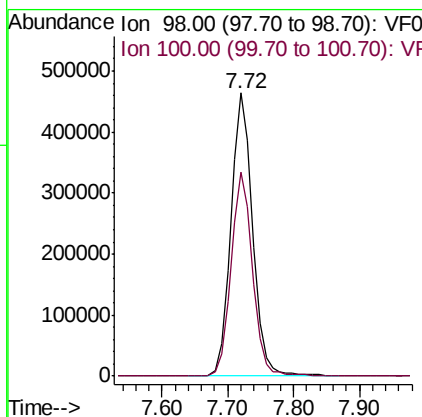
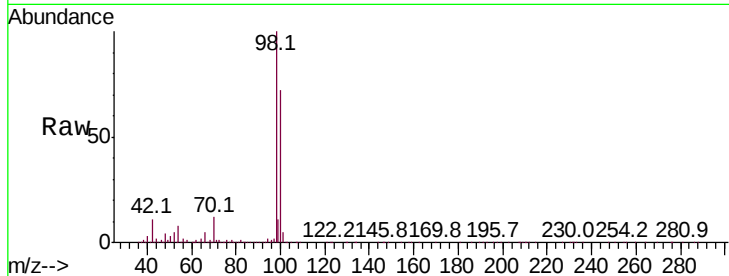
#50
Toluene-d8
Concen: 43.483 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.00 min
Lab File: VF062736.D
Acq: 23 May 2019 19:34

Instrument :
MSVOA_F
ClientSampleId :
FEQC-DUP-052319

Tot Ion: 98 Resp: 1075900
Ion Ratio Lower Upper
98 100
100 72.3 56.2 84.2

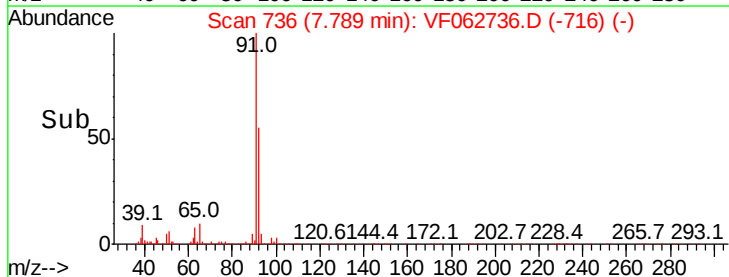
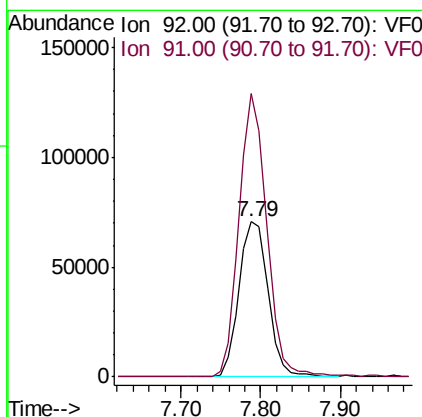
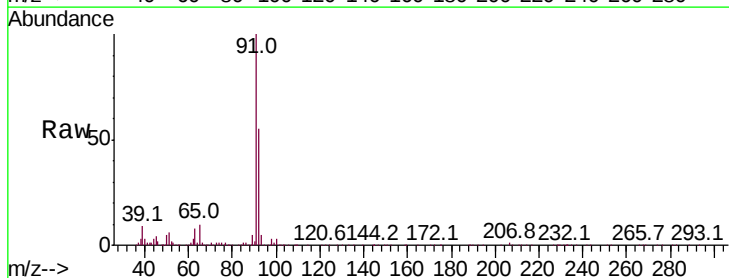
Manual Integrations
APPROVED

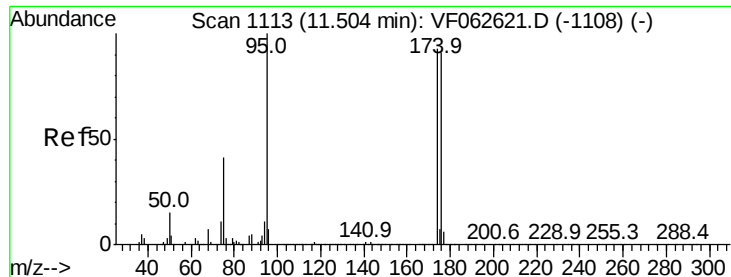
MMDadoda
5/24/2019 11:16:19 AM



#52
Toluene
Concen: 9.054 ug/l
RT: 7.79 min Scan# 736
Delta R.T. 0.00 min
Lab File: VF062736.D
Acq: 23 May 2019 19:34

Tgt Ion: 92 Resp: 179508
Ion Ratio Lower Upper
92 100
91 182.6 125.4 188.0





#62

4-Bromofluorobenzene

Concen: 37.416 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VF062736.D

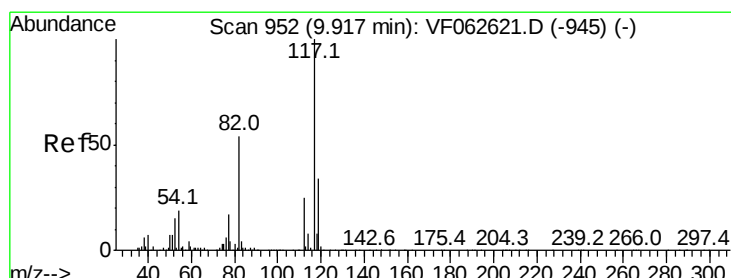
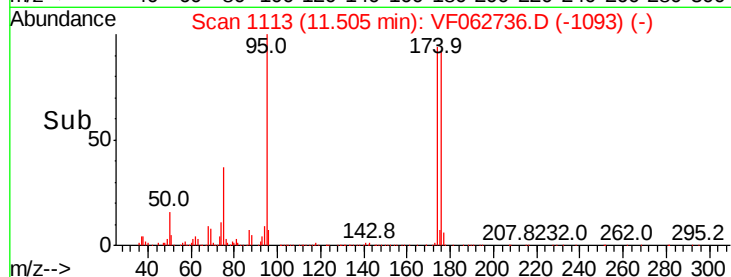
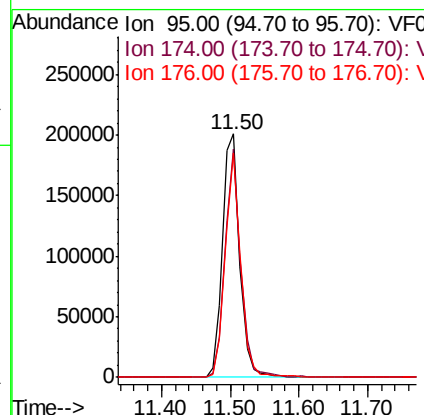
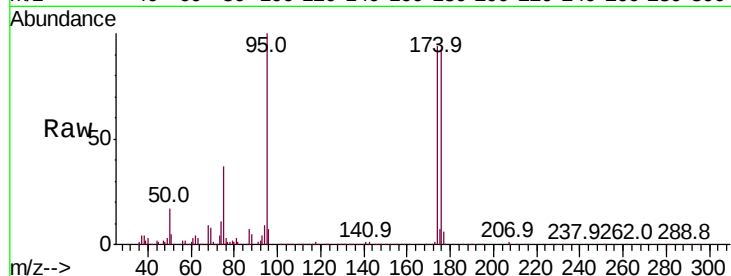
Acq: 23 May 2019 19:34

Instrument :
MSVOA_F
ClientSampleId :
FEQC-DUP-052319

Tot Ion:	95	Resp:	351121
Ion Ratio	Lower	Upper	
95	100		
174	93.8	0.0	185.6
176	91.9	0.0	182.4

Manual Integrations
APPROVED

MMDadoda
5/24/2019 11:16:19 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

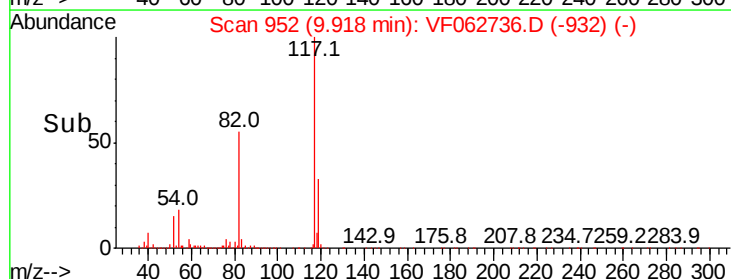
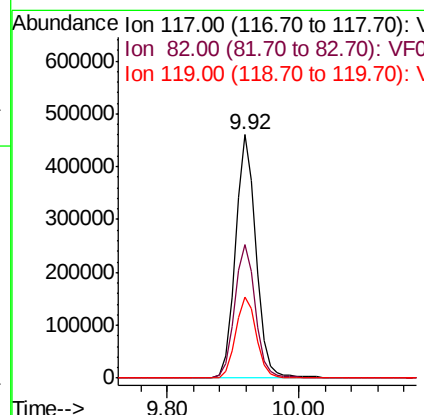
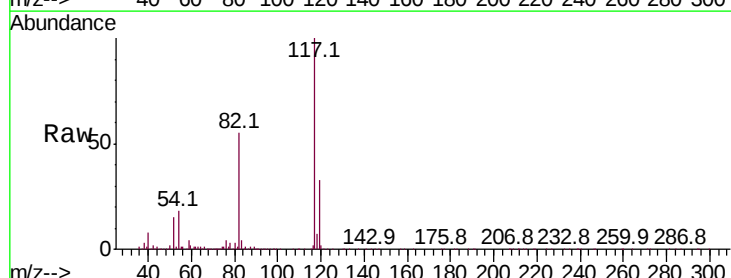
RT: 9.92 min Scan# 952

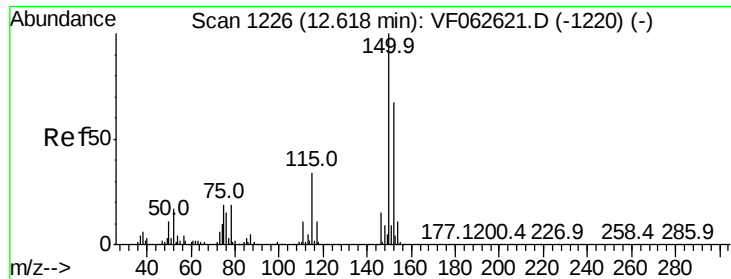
Delta R.T. 0.00 min

Lab File: VF062736.D

Acq: 23 May 2019 19:34

Tgt Ion:	117	Resp:	1014488
Ion Ratio	Lower	Upper	
117	100		
82	54.8	43.3	64.9
119	33.1	27.4	41.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. 0.00 min

Lab File: VF062736.D

Acq: 23 May 2019 19:34

Instrument :

MSVOA_F

ClientSampleId :

FEQC-DUP-052319

Tot Ion:	152	Resp:	404784
Ion Ratio	Lower	Upper	
152	100		
115	52.6	25.2	75.6
150	152.3	0.0	306.2

Manual Integrations
APPROVED

MMDadoda
5/24/2019 11:16:19 AM

