

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022219\
 Data File : VF061716.D
 Acq On : 22 Feb 2019 18:54
 Operator : VA/AP
 Sample : K1597-03RE
 Misc : 5.47g/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-26RE

Manual Integrations
 APPROVED

MMDadoda
 2/27/2019 5:41:27 PM

Quant Time: Feb 23 03:26:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	306862	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.58	114	466735	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	323081	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	102533	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	109363	48.60	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	97.20%	
35) Dibromofluoromethane	4.09	113	157706	45.50	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	91.00%	
50) Toluene-d8	7.54	98	352312	35.36	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	70.72%	
62) 4-Bromofluorobenzene	11.39	95	105713	26.22	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	52.44%	
Target Compounds						
16) Acetone	2.22	43	23350	48.363	ug/l	93
20) Methylene Chloride	2.17	84	22545m	6.523	ug/l	
64) Tetrachloroethene	8.13	164	3914	1.482	ug/l	92

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

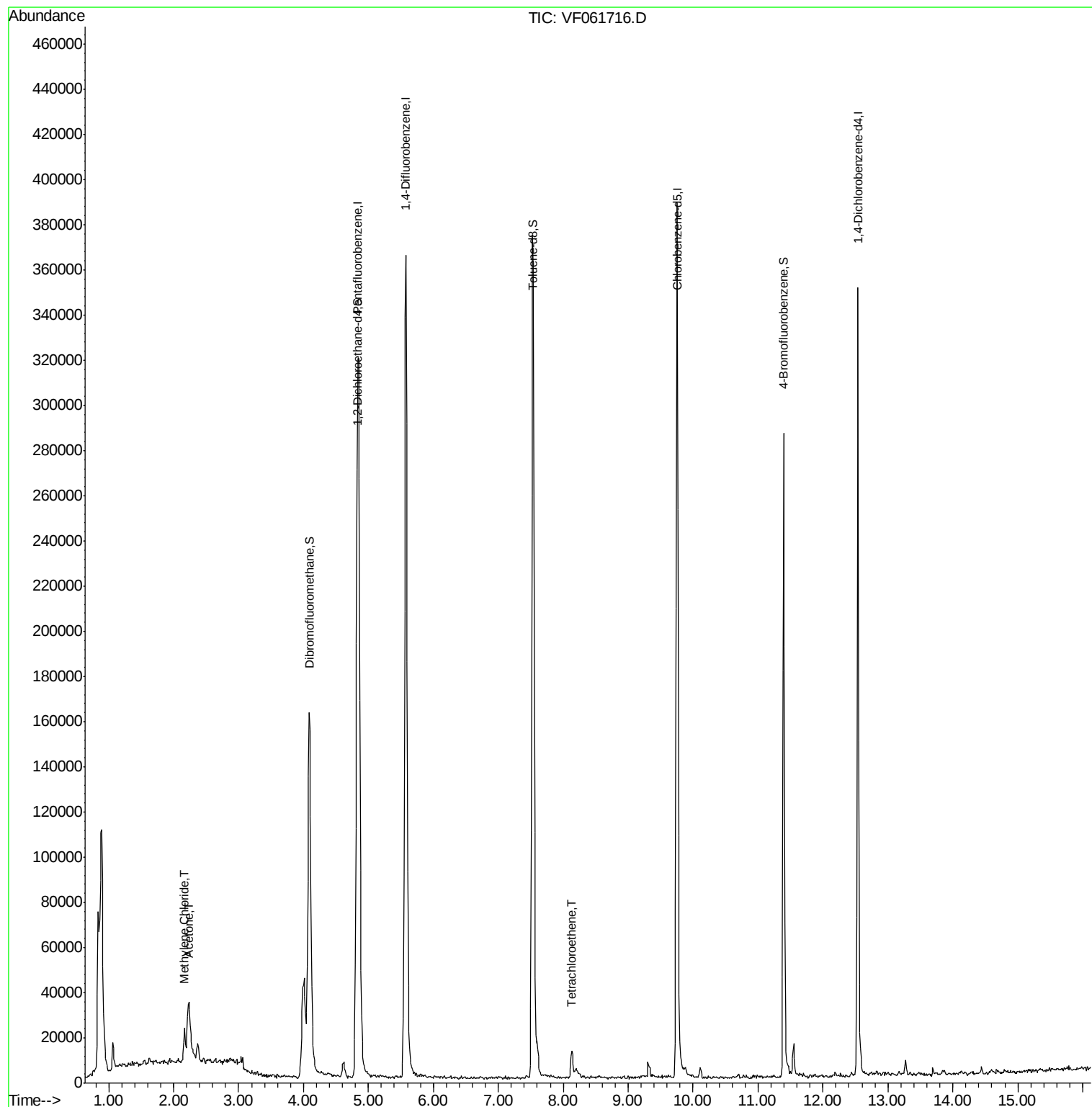
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF022219\
Data File : VF061716.D
Acq On : 22 Feb 2019 18:54
Operator : VA/AP
Sample : K1597-03RE
Misc : 5.47g/5mL/MSVOA-F/SOIL
ALS Vial : 14 Sample Multiplier: 1

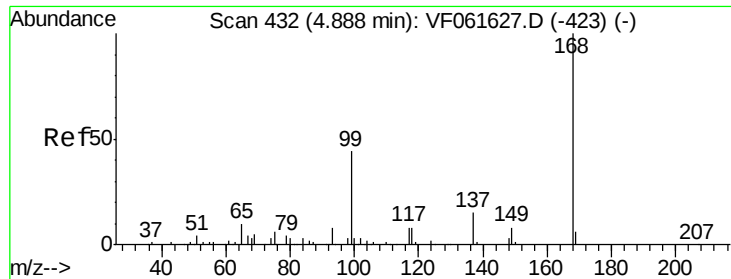
Instrument :
MSVOA_F
ClientSampleId :
TP-26RE

Manual Integrations
APPROVED

MMDadoda
2/27/2019 5:41:27 PM

Quant Time: Feb 23 03:26:34 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration





#1

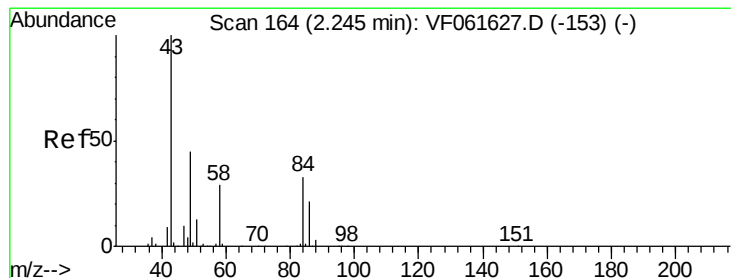
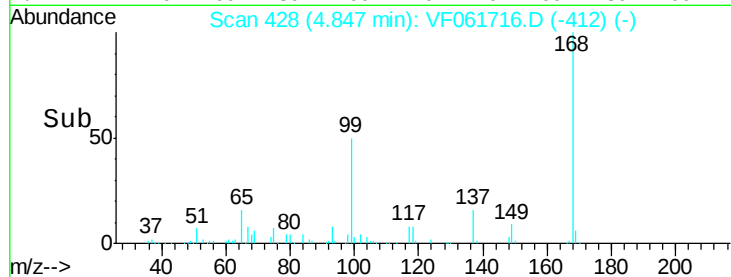
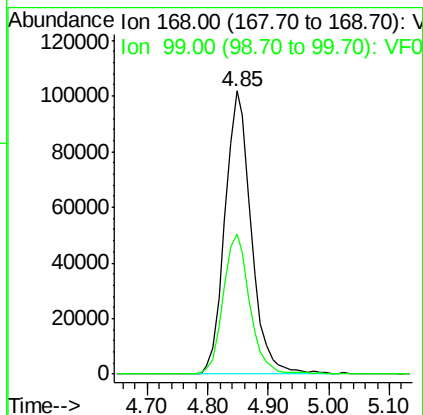
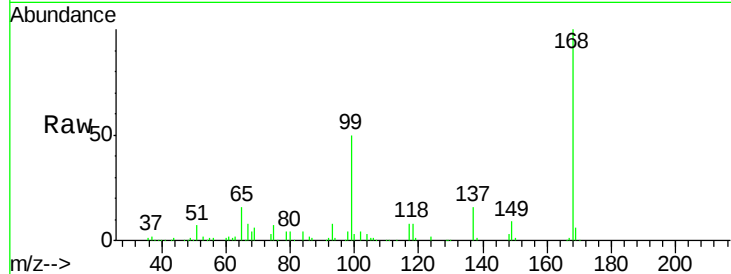
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 4.85 min Scan# 428
 Delta R.T. -0.04 min
 Lab File: VF061716.D
 Acq: 22 Feb 2019 18:54

Instrument :
 MSVOA_F
 ClientSampled :
 TP-26RE

Tot Ion	Ratio	Resp	Lower	Upper
168	100	306862		
99	49.7		34.9	52.3

Manual Integrations
 APPROVED

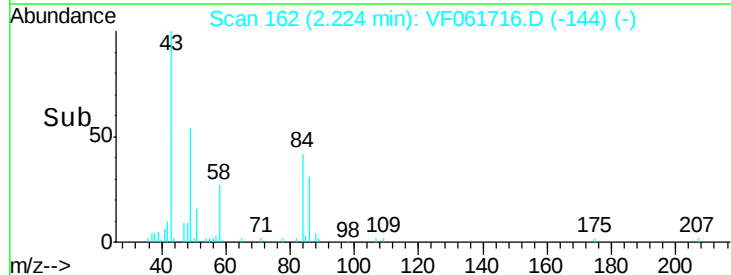
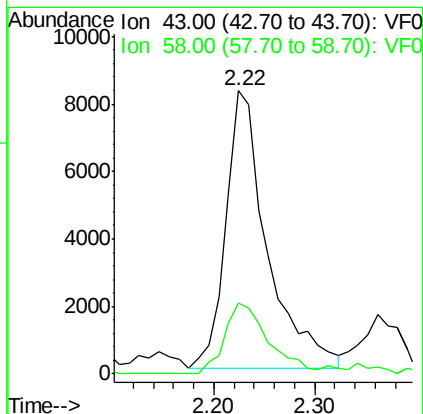
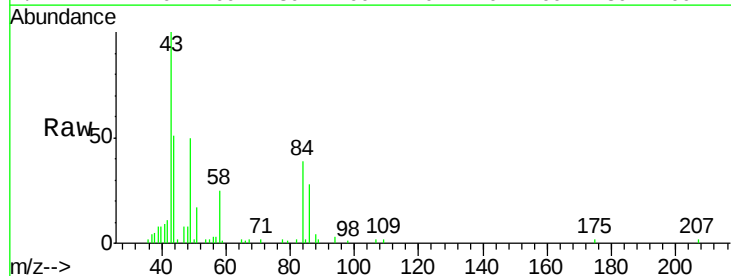
MMDadoda
 2/27/2019 5:41:27 PM

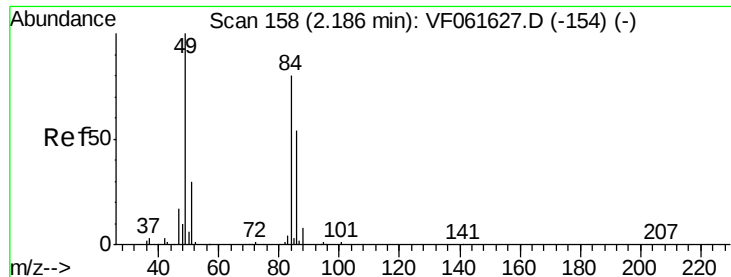


#16

Acetone
 Concen: 48.363 ug/l
 RT: 2.22 min Scan# 162
 Delta R.T. -0.02 min
 Lab File: VF061716.D
 Acq: 22 Feb 2019 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	23350		
58	25.0		22.9	34.3





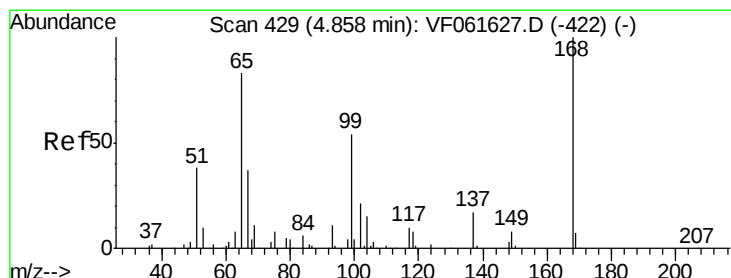
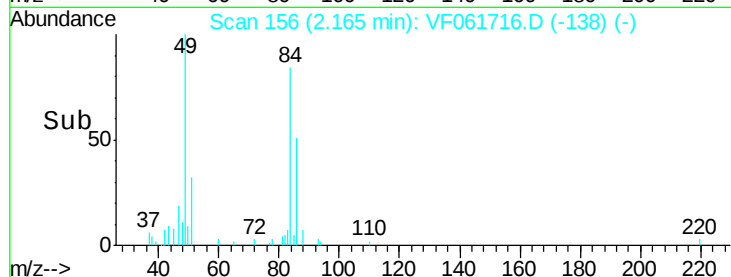
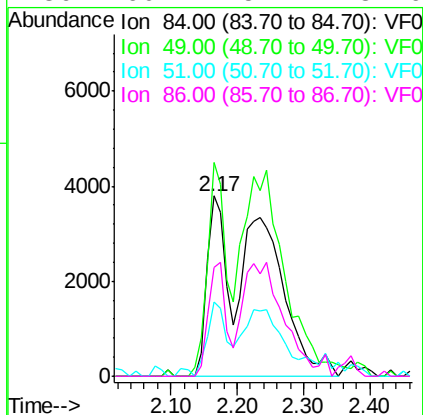
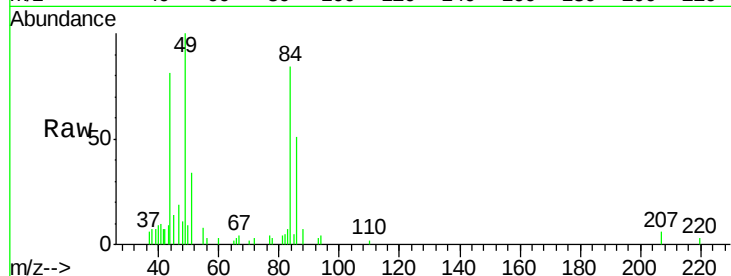
#20
Methvlene Chloride
Concen: 6.523 ug/l m
RT: 2.17 min Scan# 156
Delta R.T. -0.02 min
Lab File: VF061716.D
Acq: 22 Feb 2019 18:54

Instrument :
MSVOA_F
ClientSampleId :
TP-26RE

Tot Ion	Ratio	Lower	Upper
84	100		
49	118.4	101.8	152.8
51	40.8	31.1	46.7
86	60.4	54.4	81.6

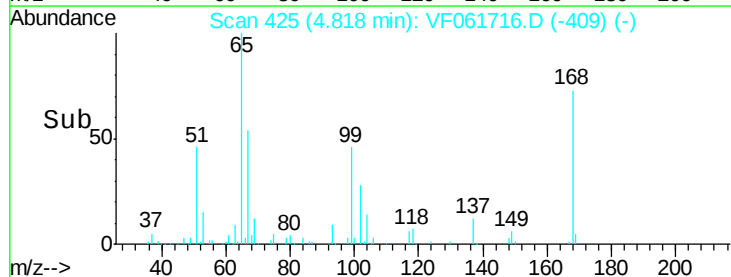
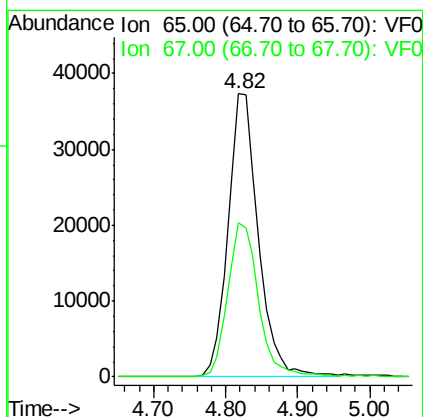
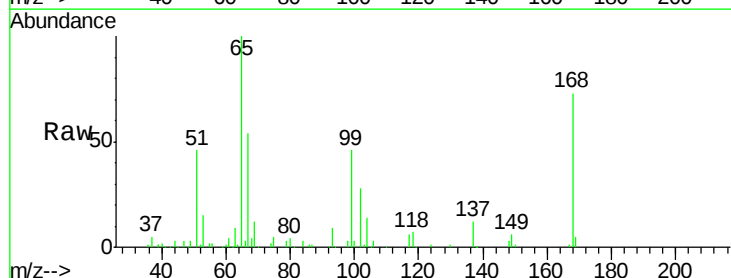
Manual Integrations
APPROVED

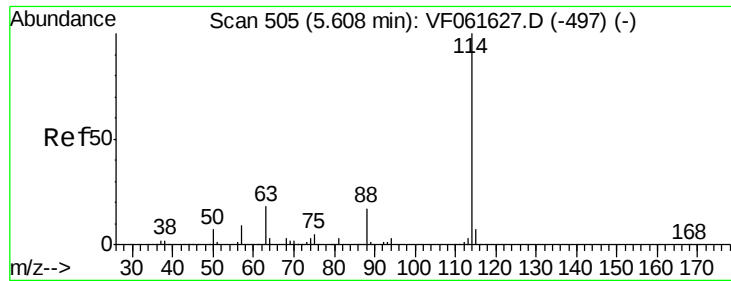
MMDadoda
2/27/2019 5:41:27 PM



#33
1,2-Dichloroethane-d4
Concen: 48.600 ug/l
RT: 4.82 min Scan# 425
Delta R.T. -0.04 min
Lab File: VF061716.D
Acq: 22 Feb 2019 18:54

Tgt Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.03 min

Lab File: VF061716.D

Acq: 22 Feb 2019 18:54

Instrument :

MSVOA_F

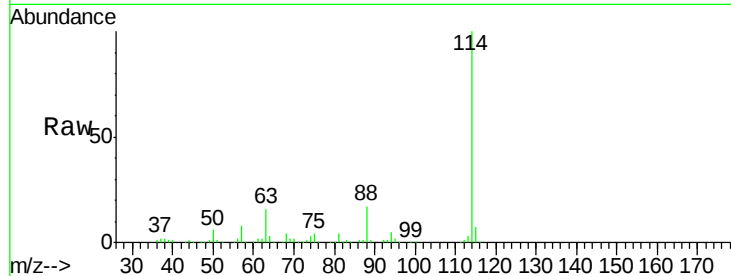
ClientSampleId :

TP-26RE

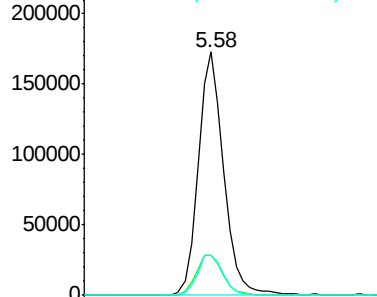
Tot Ion:	114	Resp:	466735
Ion Ratio	Lower	Upper	
114	100		
63	16.3	0.0	36.6
88	16.6	0.0	34.4

Manual Integrations
APPROVED

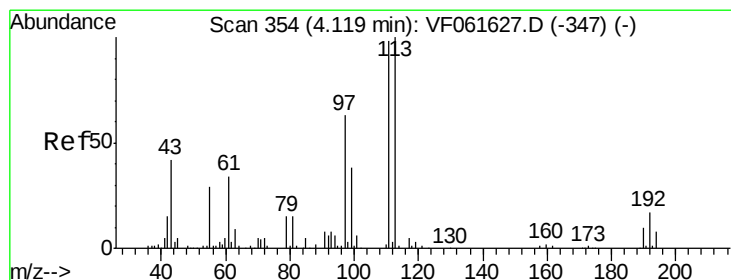
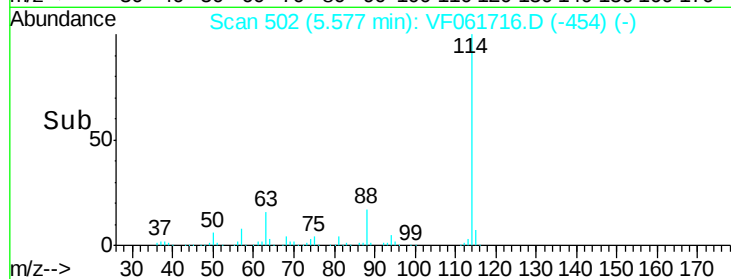
MMDadoda
2/27/2019 5:41:27 PM



Abundance Ion 114.00 (113.70 to 114.70): V



Time-->



#35

Dibromofluoromethane

Concen: 45.501 ug/l

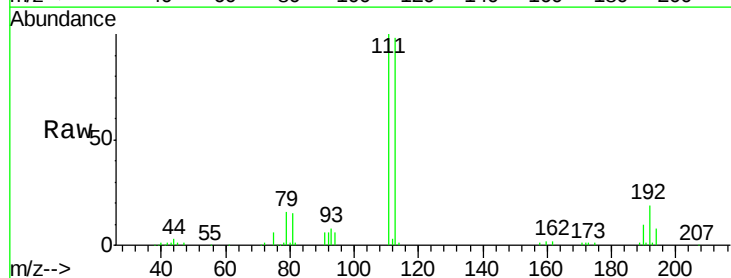
RT: 4.09 min Scan# 351

Delta R.T. -0.03 min

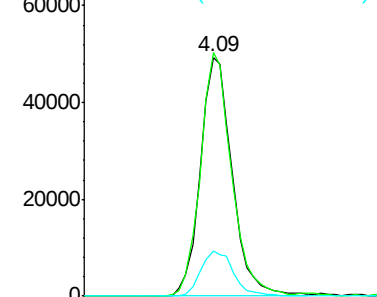
Lab File: VF061716.D

Acq: 22 Feb 2019 18:54

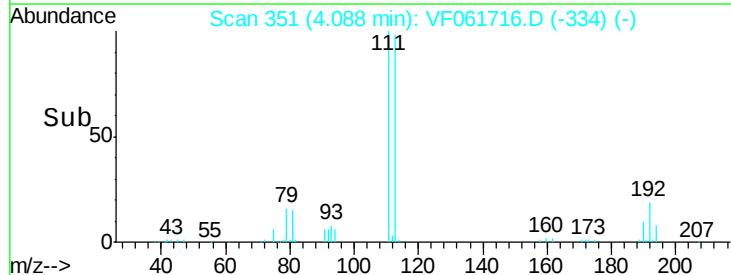
Tgt Ion:	113	Resp:	157706
Ion Ratio	Lower	Upper	
113	100		
111	102.1	78.8	118.2
192	19.7	13.4	20.0

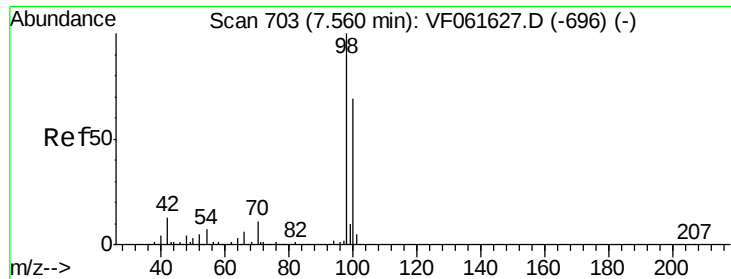


Abundance Ion 113.00 (112.70 to 113.70): V



Time-->





#50

Toluene-d8

Concen: 35.359 ug/l

RT: 7.54 min Scan# 701

Delta R.T. -0.02 min

Lab File: VF061716.D

Acq: 22 Feb 2019 18:54

Instrument :

MSVOA_F

ClientSampleId :

TP-26RE

Tot Ion: 98 Resp: 352312

Ion Ratio Lower Upper

98 100

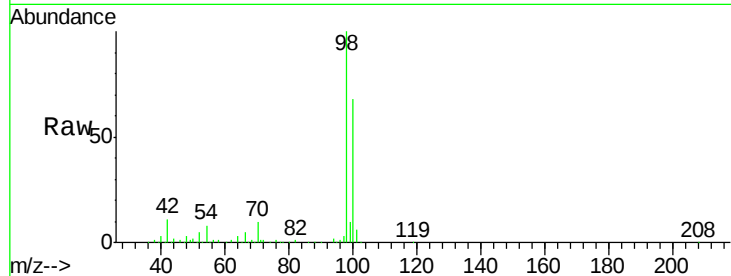
100 67.9 55.4 83.2

Manual Integrations

APPROVED

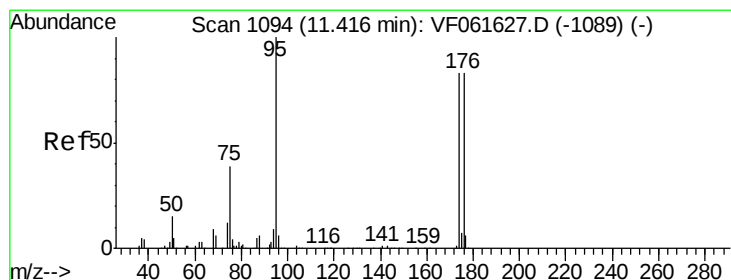
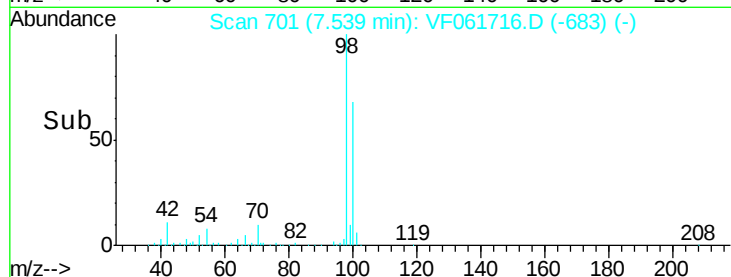
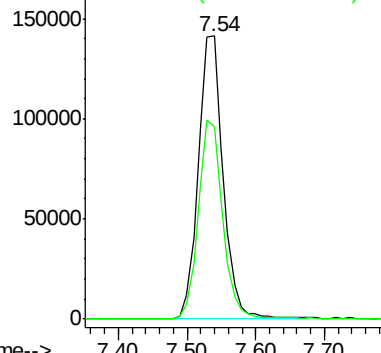
MMDadoda

2/27/2019 5:41:27 PM



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#62

4-Bromofluorobenzene

Concen: 26.222 ug/l

RT: 11.39 min Scan# 1092

Delta R.T. -0.02 min

Lab File: VF061716.D

Acq: 22 Feb 2019 18:54

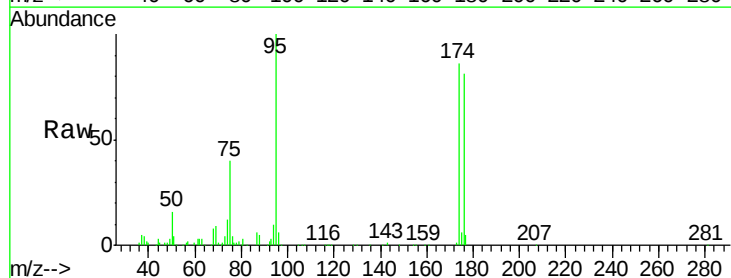
Tgt Ion: 95 Resp: 105713

Ion Ratio Lower Upper

95 100

174 85.5 0.0 165.8

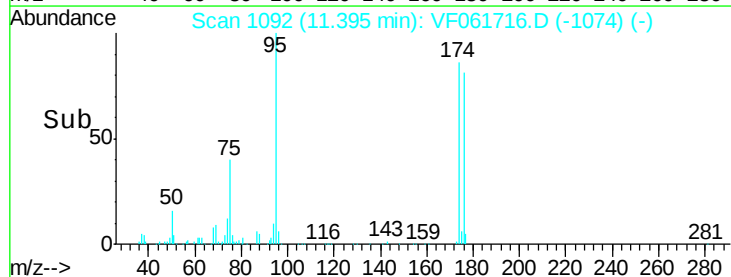
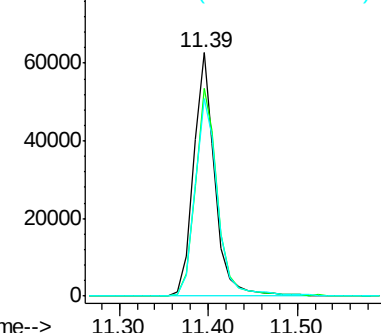
176 81.0 0.0 167.0

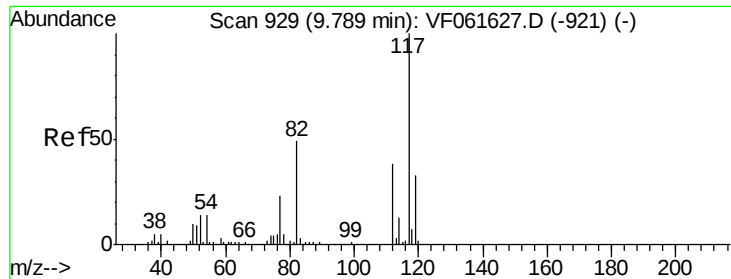


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





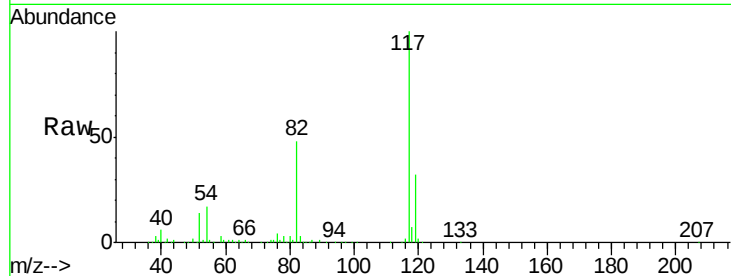
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.03 min
Lab File: VF061716.D
Acq: 22 Feb 2019 18:54

Instrument :
MSVOA_F
ClientSampled :
TP-26RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	48.5	39.3	58.9
119	32.3	26.6	40.0

Manual Integrations
APPROVED

MMDadoda
2/27/2019 5:41:27 PM

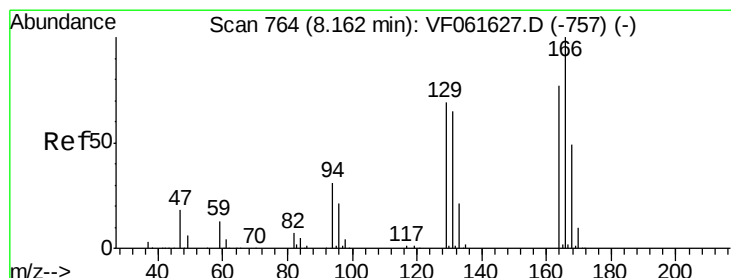
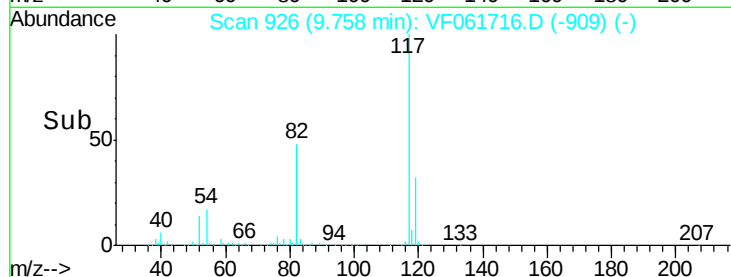
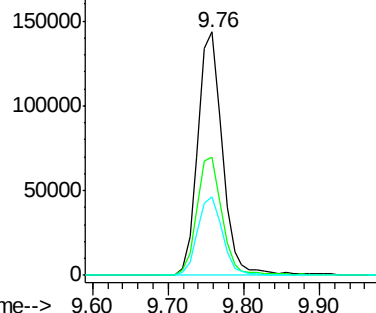


Abundance

Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): V

Ion 119.00 (118.70 to 119.70): V



#64
Tetrachloroethene
Concen: 1.482 ug/l
RT: 8.13 min Scan# 761
Delta R.T. -0.03 min
Lab File: VF061716.D
Acq: 22 Feb 2019 18:54

Tgt Ion	Ratio	Lower	Upper
164	100		
166	115.9	103.9	155.9
129	83.4	71.3	106.9
131	79.6	67.1	100.7

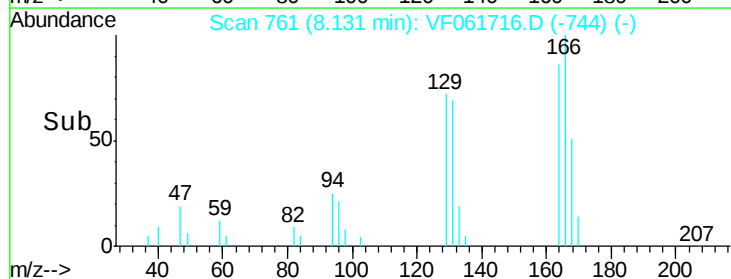
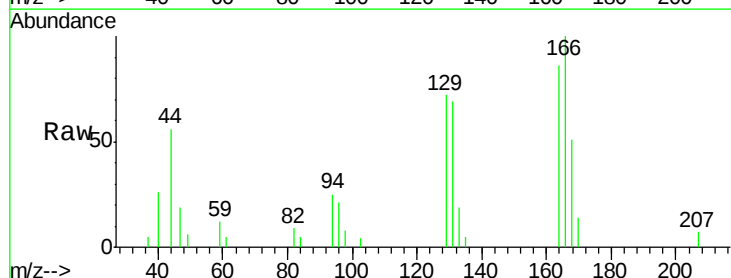
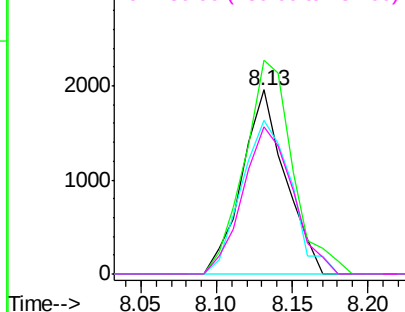
Abundance

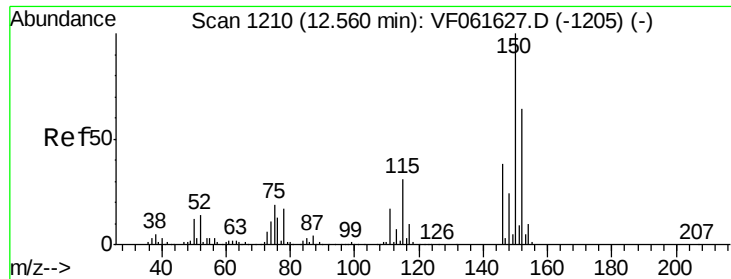
Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.54 min Scan# 1208

Delta R.T. -0.02 min

Lab File: VF061716.D

Acq: 22 Feb 2019 18:54

Instrument :

MSVOA_F

ClientSampleId :

TP-26RE

Tot Ion:152 Resp: 102533

Ion Ratio Lower Upper

152 100

115 50.7 24.3 72.8

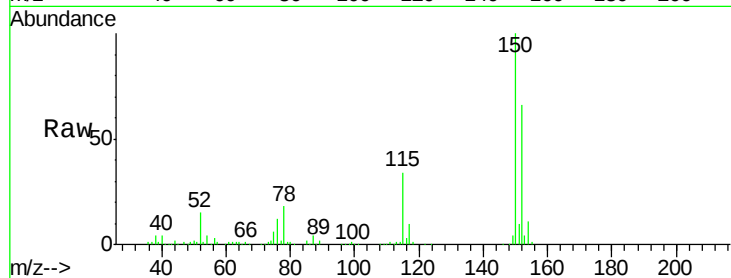
150 151.0 0.0 312.0

Manual Integrations

APPROVED

MMDadoda

2/27/2019 5:41:27 PM



Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

