

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052219\
 Data File : VF062717.D
 Acq On : 22 May 2019 20:33
 Operator : FY/SY
 Sample : K3002-09RE
 Misc : 5.03g/5mL/MSVOA F/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 23-C7-20190417RE

Manual Integrations
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MMDadoda
 5/23/2019 12:15:51 PM

Quant Time: May 23 02:23:27 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	5.05	168	501644	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.77	114	810166	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.90	117	481466	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.60	152	177073	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	154112	43.47	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	86.94%	
35) Dibromofluoromethane	4.29	113	286800	46.26	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	92.52%	
50) Toluene-d8	7.70	98	519033	35.07	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	70.14%	
62) 4-Bromofluorobenzene	11.48	95	154364	27.50	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	55.00%	
Target Compounds						
44) Trichloroethene	5.67	130	28159	4.430	ug/l	97
64) Tetrachloroethene	8.29	164	244118	64.001	ug/l	94
68) m/p-Xylenes	10.24	106	13982	2.265	ug/l #	49
69) o-Xylene	10.80	106	10671	1.678	ug/l	79
80) 1,3,5-Trimethylbenzene	11.88	105	68198	6.702	ug/l	95
84) 1,2,4-Trimethylbenzene	12.25	105	137537	13.964	ug/l	87
86) p-Isopropyltoluene	12.51	119	12767m	1.093	ug/l	
95) Naphthalene	14.48	128	25447	3.846	ug/l #	93

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

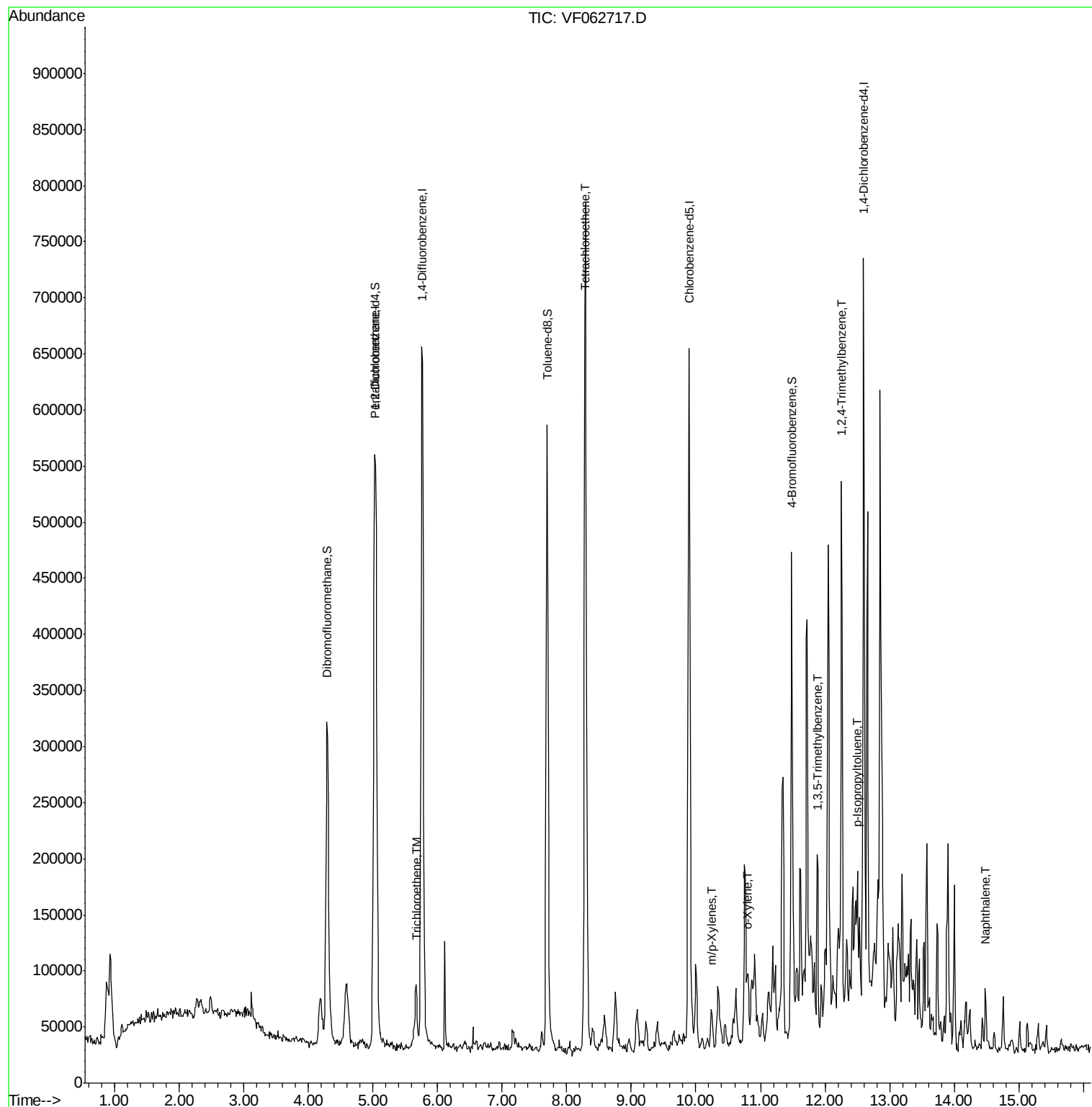
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF052219\
Data File : VF062717.D
Acq On : 22 May 2019 20:33
Operator : FY/SY
Sample : K3002-09RE
Misc : 5.03q/5mL/MSVOA F/SOIL
ALS Vial : 23 Sample Multiplier: 1

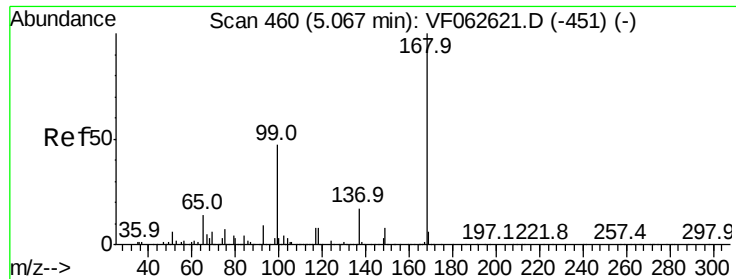
Instrument :
MSVOA_F
ClientSampleId :
23-C7-20190417RE

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Quant Time: May 23 02:23:27 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.02 min

Lab File: VF062717.D

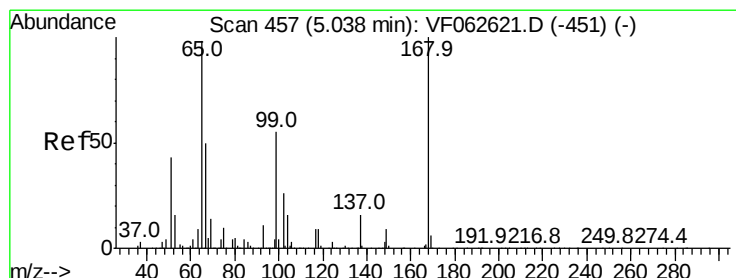
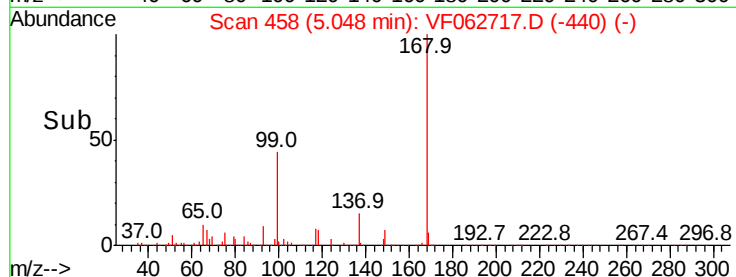
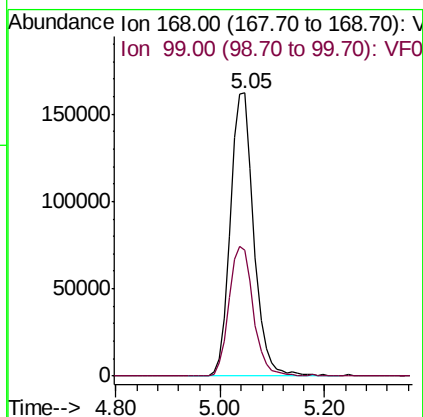
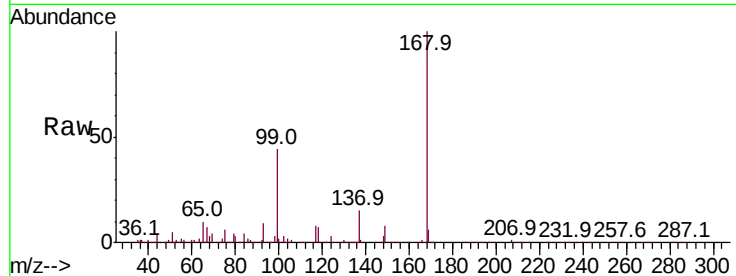
Acq: 22 May 2019 20:33

Instrument :
MSVOA_F
ClientSampleId :
23-C7-20190417RE

Tot Ion	Ratio	Resp	Lower	Upper
168	100	501644		
99	44.5	37.8	56.8	

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#33

1,2-Dichloroethane-d4

Concen: 43.475 ug/l

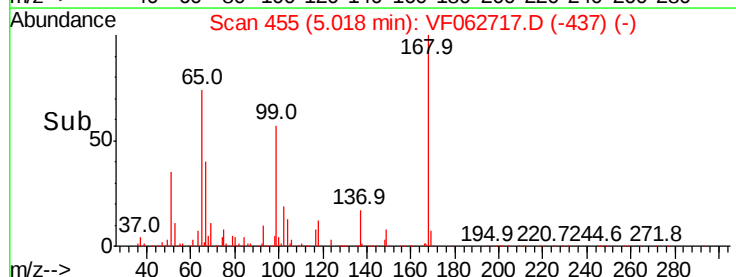
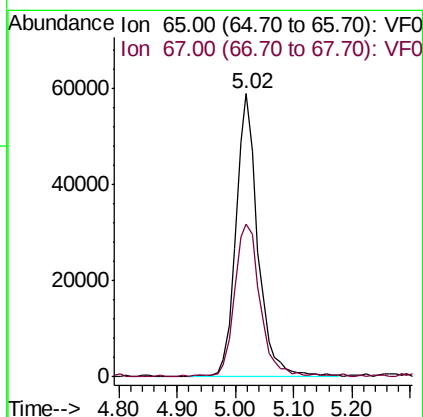
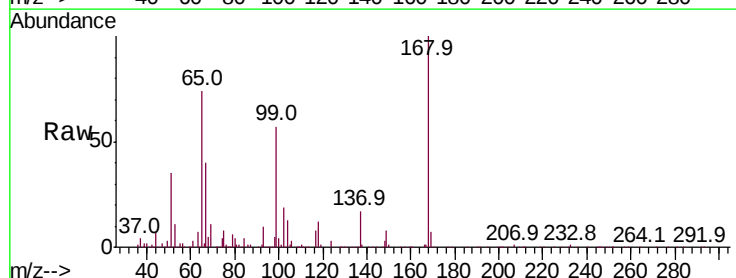
RT: 5.02 min Scan# 455

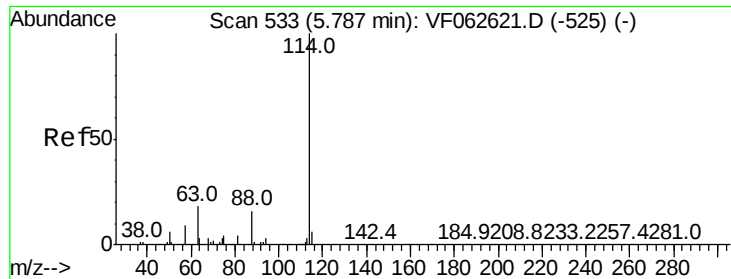
Delta R.T. -0.02 min

Lab File: VF062717.D

Acq: 22 May 2019 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	154112		
67	54.1	0.0	117.6	





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.77 min Scan# 531

Delta R.T. -0.02 min

Lab File: VF062717.D

Acq: 22 May 2019 20:33

Instrument :

MSVOA_F

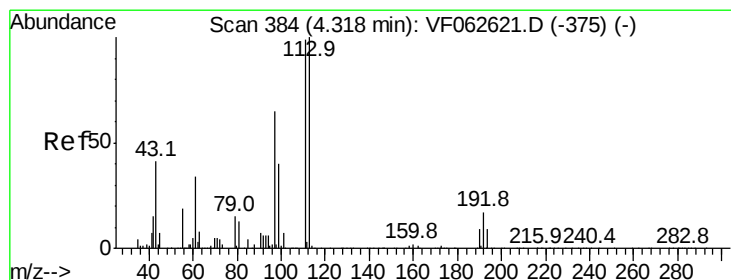
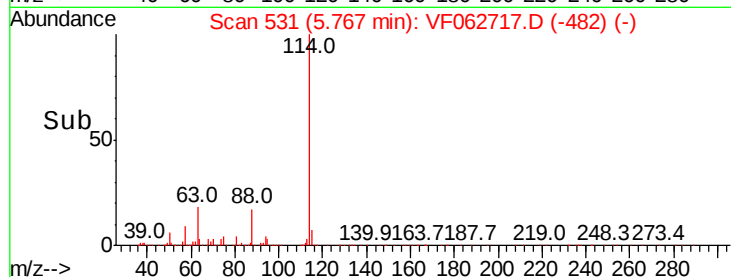
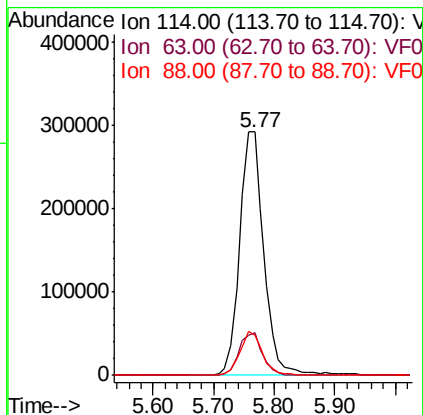
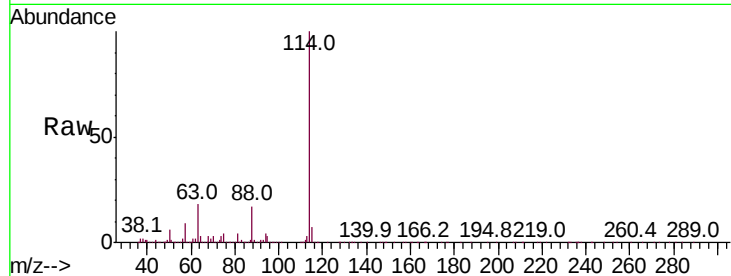
ClientSampleId :

23-C7-20190417RE

Tot Ion	Ratio	Resp	Lower	Upper
114	100	810166		
63	17.7	0.0	35.4	
88	16.6	0.0	32.4	

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#35

Dibromofluoromethane

Concen: 46.262 ug/l

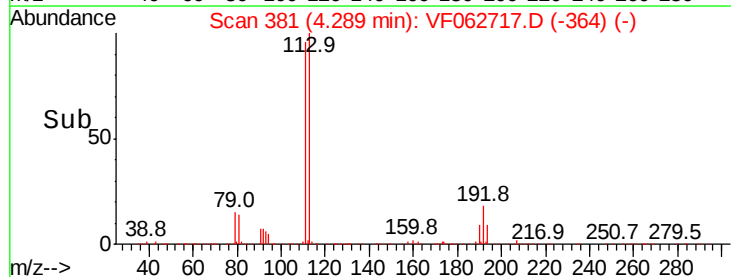
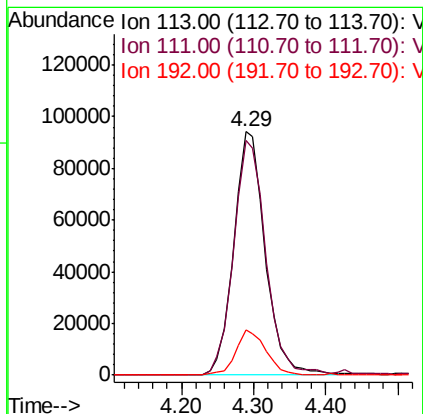
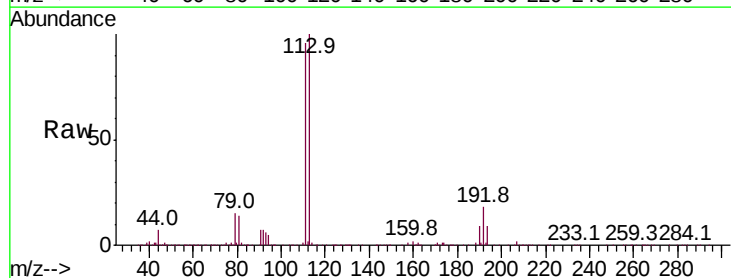
RT: 4.29 min Scan# 381

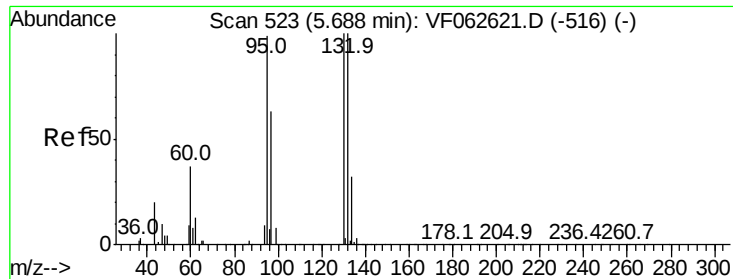
Delta R.T. -0.03 min

Lab File: VF062717.D

Acq: 22 May 2019 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	286800		
111	96.1	79.4	119.2	
192	18.3	13.4	20.2	





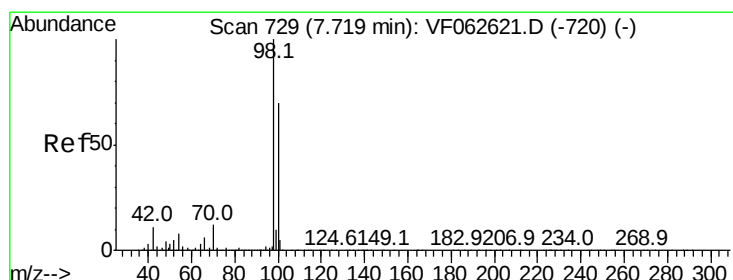
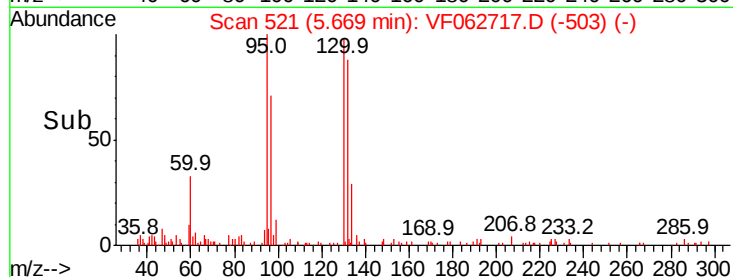
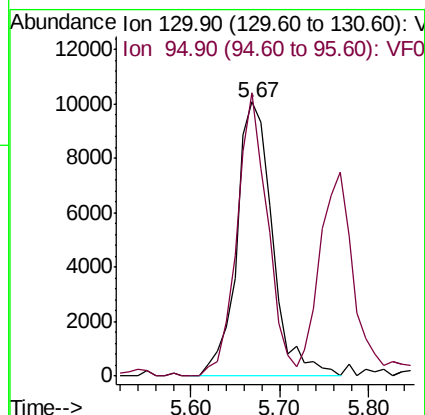
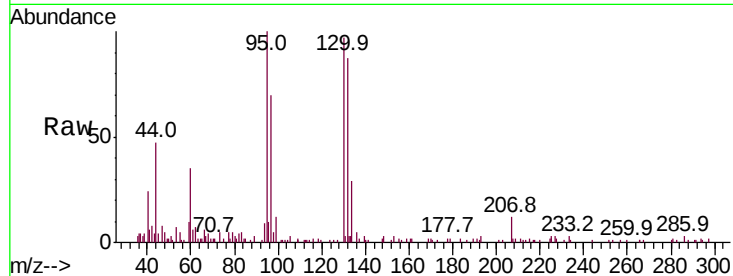
#44
 Trichloroethene
 Concen: 4.430 ug/l
 RT: 5.67 min Scan# 521
 Delta R.T. -0.02 min
 Lab File: VF062717.D
 Acq: 22 May 2019 20:33

Instrument :
 MSVOA_F
 ClientSampleId :
 23-C7-20190417RE

Tot Ion:130 Resp: 28159
 Ion Ratio Lower Upper
 130 100
 95 103.2 0.0 199.4

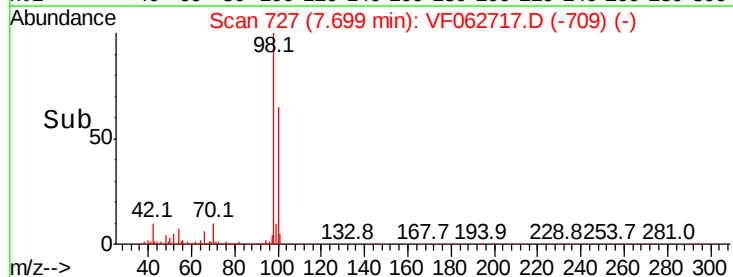
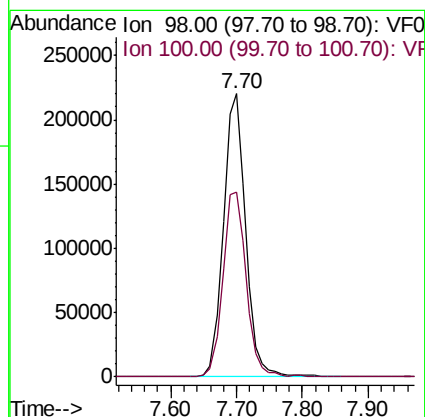
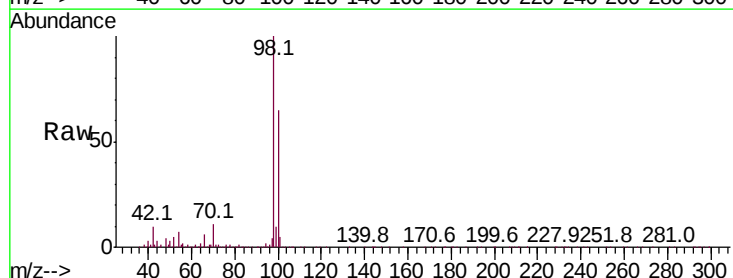
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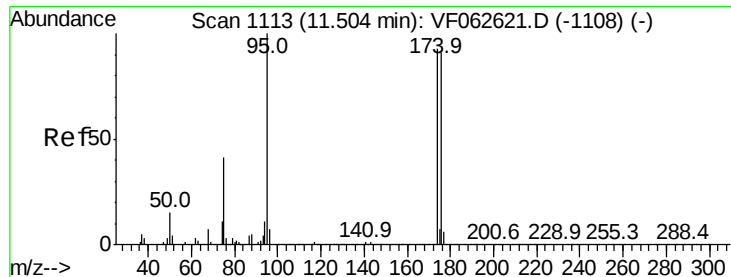
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#50
 Toluene-d8
 Concen: 35.065 ug/l
 RT: 7.70 min Scan# 727
 Delta R.T. -0.02 min
 Lab File: VF062717.D
 Acq: 22 May 2019 20:33

Tgt Ion: 98 Resp: 519033
 Ion Ratio Lower Upper
 98 100
 100 65.1 56.2 84.2





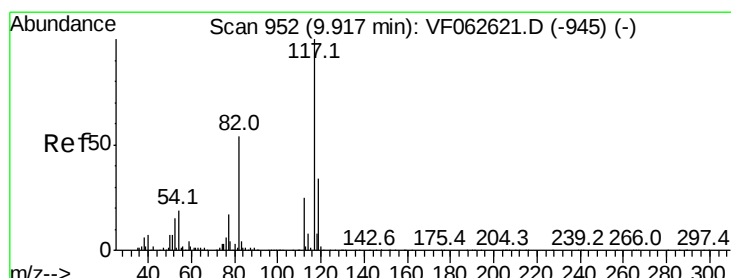
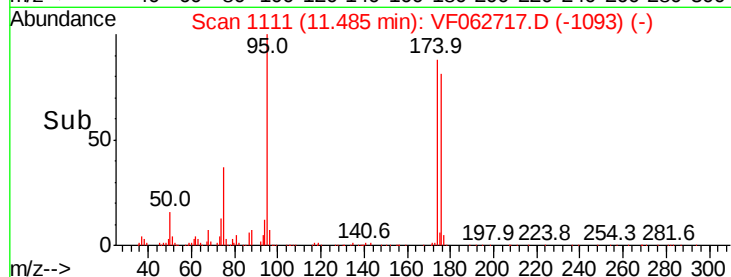
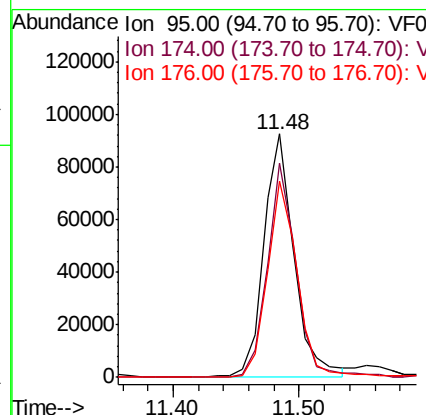
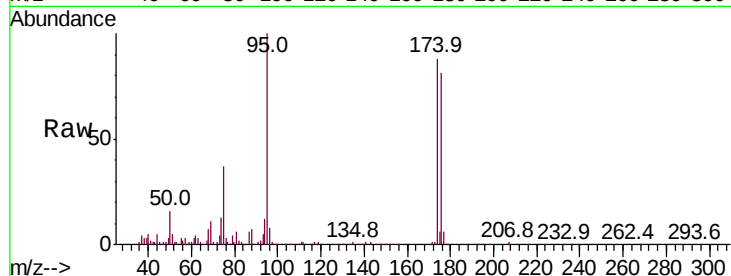
#62
4-Bromofluorobenzene
Concen: 27.497 ug/l
RT: 11.48 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VF062717.D
Acq: 22 May 2019 20:33

Instrument :
MSVOA_F
ClientSampleId :
23-C7-20190417RE

Tot Ion	Ratio	Resp	Lower	Upper
95	100	154364		
174	87.8	0.0	185.6	
176	80.9	0.0	182.4	

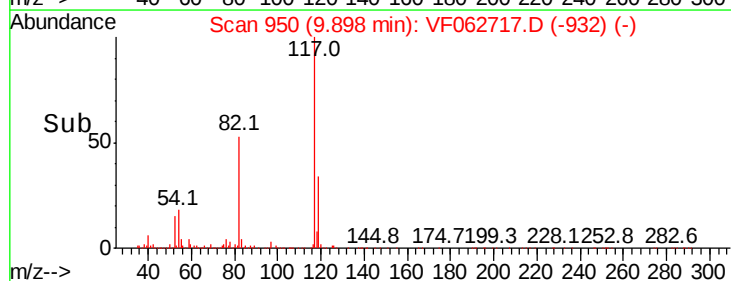
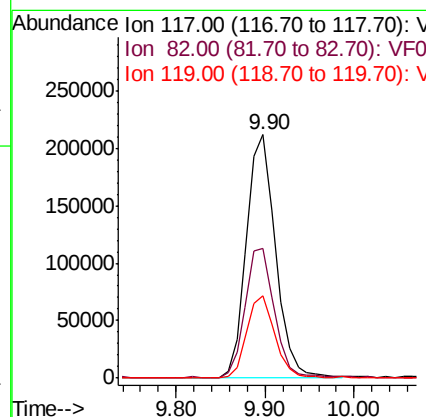
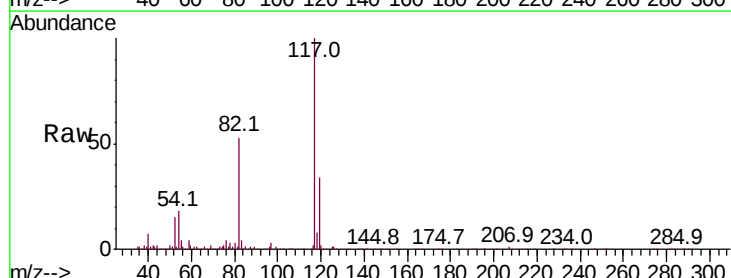
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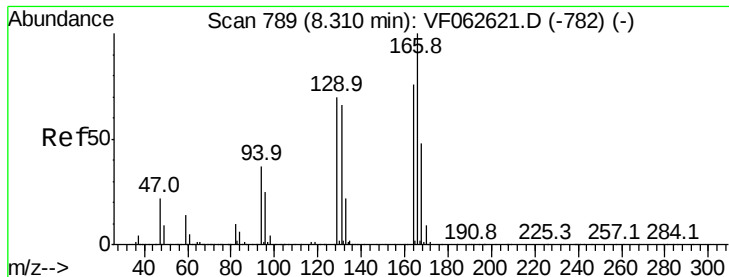
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 950
Delta R.T. -0.02 min
Lab File: VF062717.D
Acq: 22 May 2019 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	481466		
82	53.3	43.3	64.9	
119	33.6	27.4	41.0	





#64

Tetrachloroethene

Concen: 64.001 ug/l

RT: 8.29 min Scan# 787

Delta R.T. -0.02 min

Lab File: VF062717.D

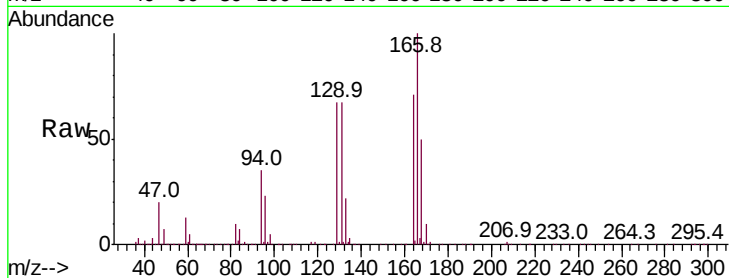
Acq: 22 May 2019 20:33

Instrument :

MSVOA_F

ClientSampleId :

23-C7-20190417RE



Tot Ion:164 Resp: 244118

Ion Ratio Lower Upper

164 100

166 140.8 105.5 158.3

129 94.4 73.8 110.6

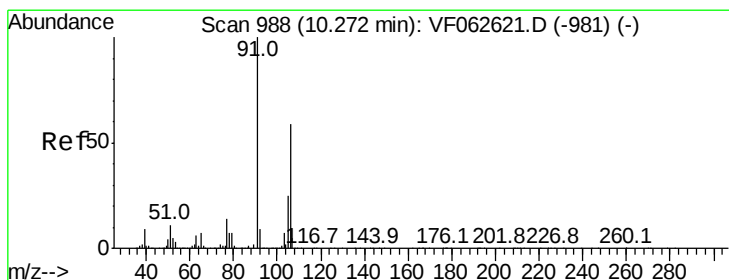
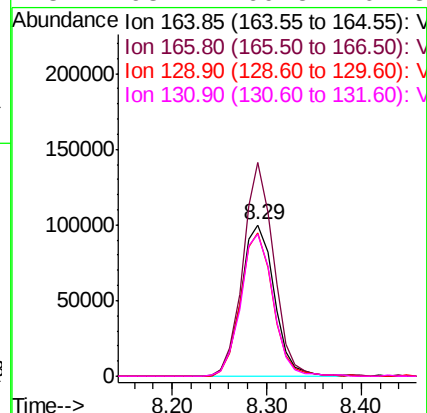
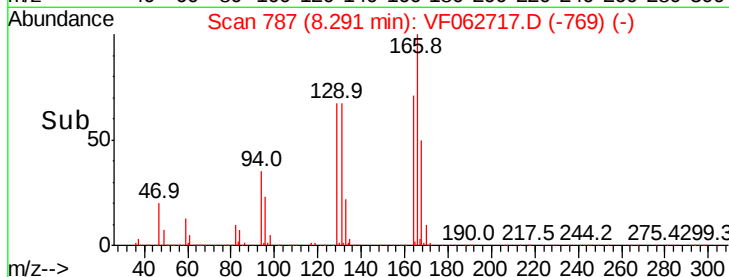
131 93.7 69.5 104.3

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#68

m/p-Xylenes

Concen: 2.265 ug/l

RT: 10.24 min Scan# 985

Delta R.T. -0.03 min

Lab File: VF062717.D

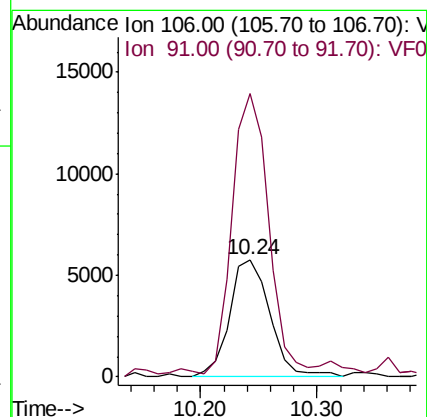
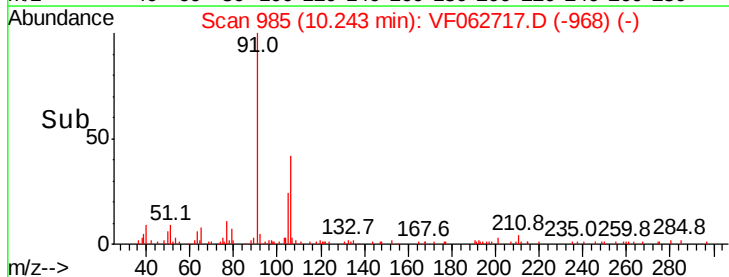
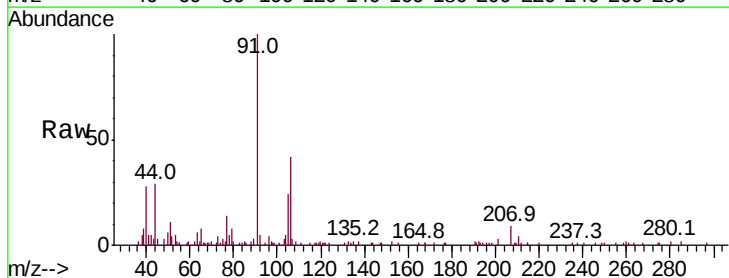
Acq: 22 May 2019 20:33

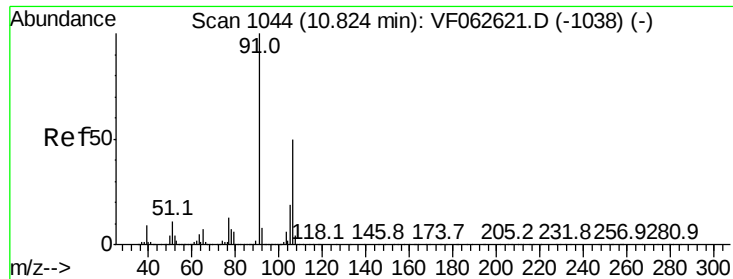
Tgt Ion:106 Resp: 13982

Ion Ratio Lower Upper

106 100

91 240.9 136.9 205.3#





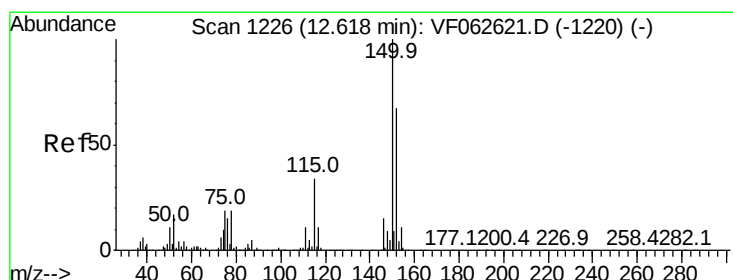
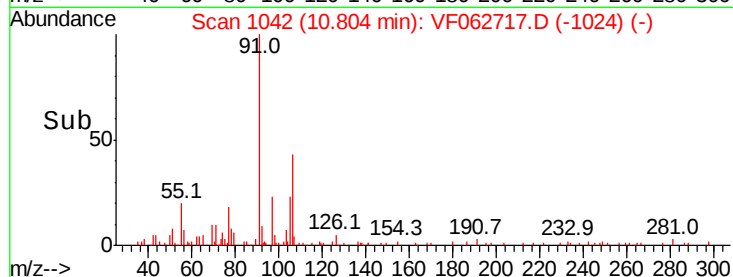
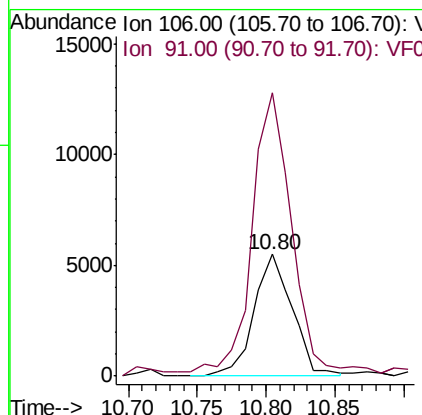
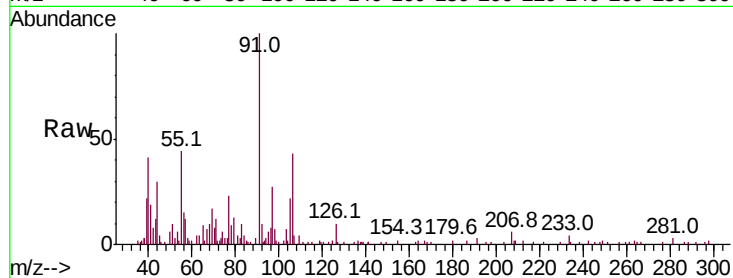
#69
o-Xylene
Concen: 1.678 ug/l
RT: 10.80 min Scan# 1042
Delta R.T. -0.02 min
Lab File: VF062717.D
Acq: 22 May 2019 20:33

Instrument :
MSVOA_F
ClientSampleId :
23-C7-20190417RE

Tot Ion	Ratio	Lower	Upper
106	100		
91	232.2	100.2	300.5

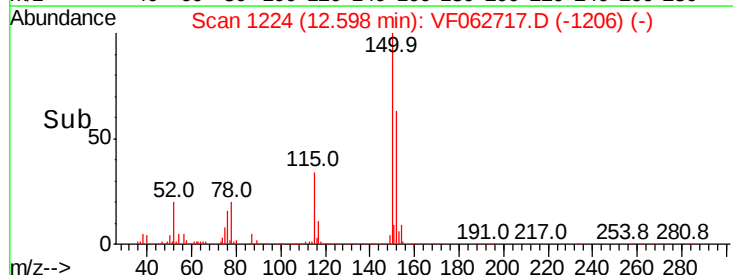
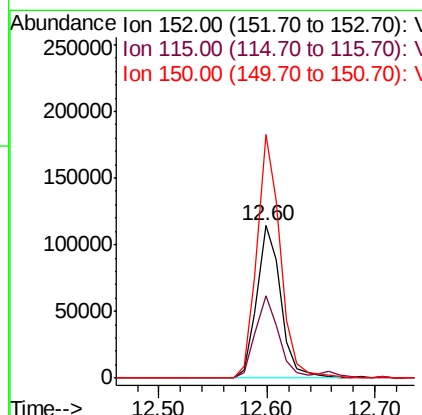
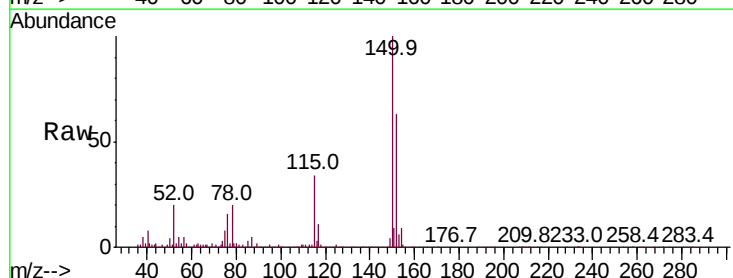
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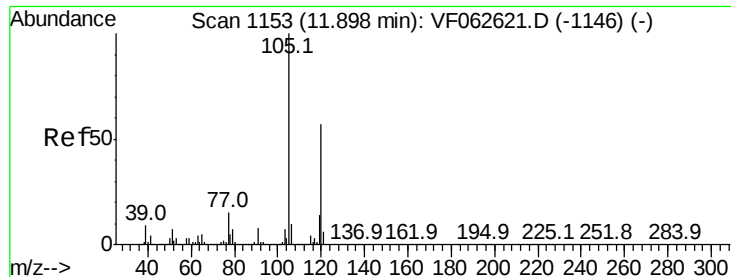
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.60 min Scan# 1224
Delta R.T. -0.02 min
Lab File: VF062717.D
Acq: 22 May 2019 20:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.1	25.2	75.6
150	160.0	0.0	306.2





#80

1,3,5-Trimethylbenzene

Concen: 6.702 ug/l

RT: 11.88 min Scan# 1151

Delta R.T. -0.02 min

Lab File: VF062717.D

Acq: 22 May 2019 20:33

Instrument :

MSVOA_F

ClientSampleId :

23-C7-20190417RE

Tot Ion:105 Resp: 68198

Ion Ratio Lower Upper

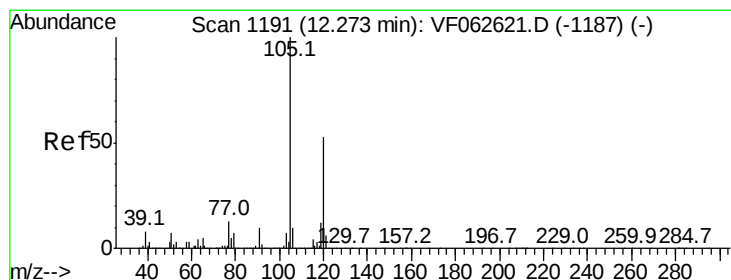
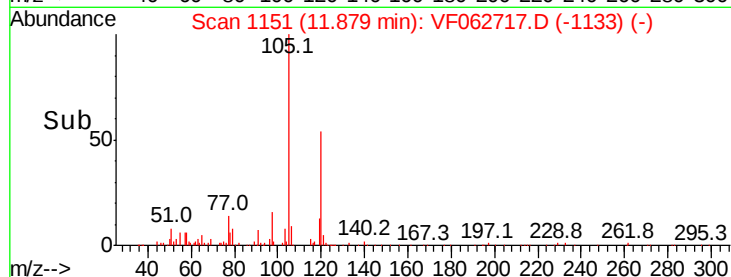
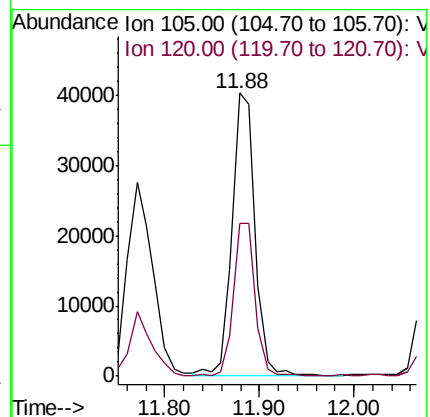
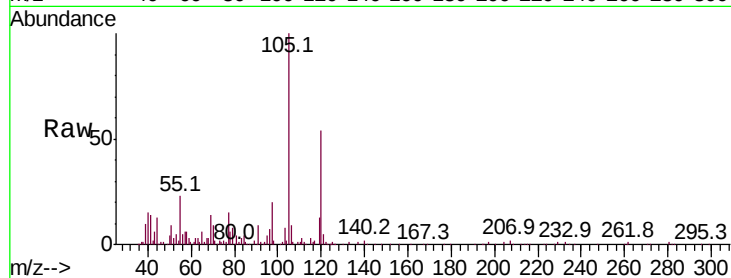
105 100

120 53.9 28.7 86.3

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 13.964 ug/l

RT: 12.25 min Scan# 1189

Delta R.T. -0.02 min

Lab File: VF062717.D

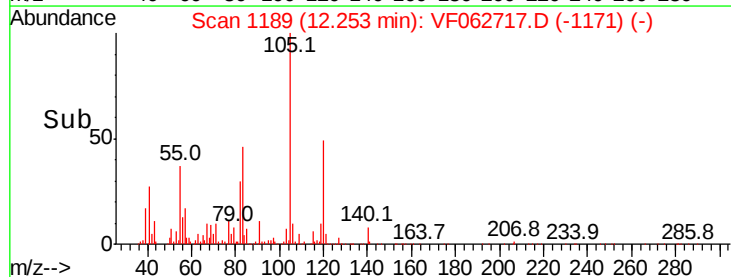
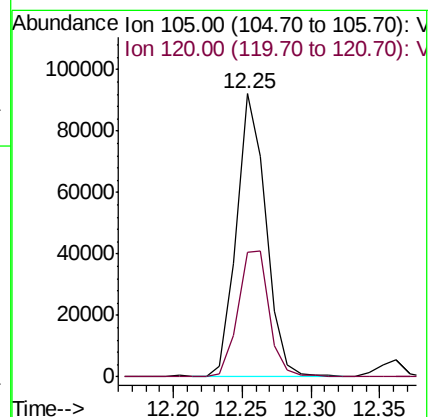
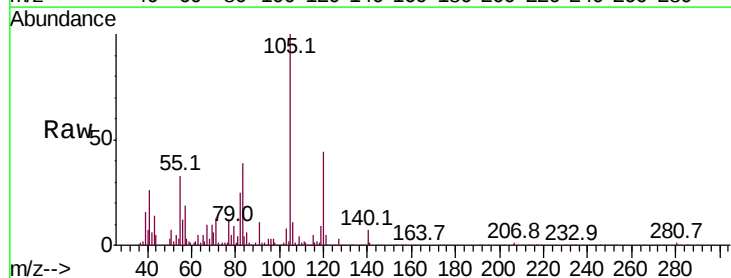
Acq: 22 May 2019 20:33

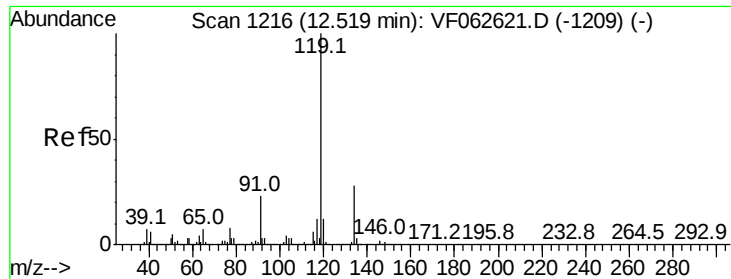
Tgt Ion:105 Resp: 137537

Ion Ratio Lower Upper

105 100

120 44.1 26.7 80.1





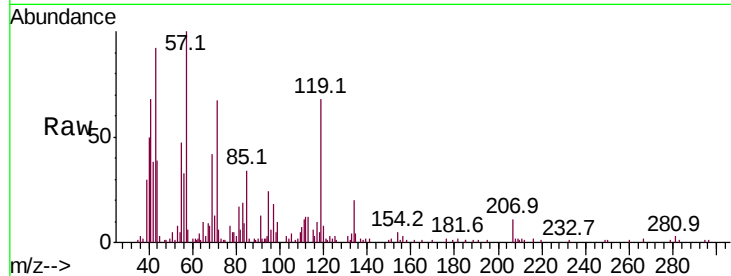
#86
p-Isopropyltoluene
Concen: 1.093 ug/l m
RT: 12.51 min Scan# 1215
Delta R.T. -0.01 min
Lab File: VF062717.D
Acq: 22 May 2019 20:33

Instrument :
MSVOA_F
ClientSampleId :
23-C7-20190417RE

Tot Ion:	119	Resp:	12767
Ion Ratio	Lower	Upper	
119	100		
134	29.0	14.1	42.3
91	19.7	11.4	34.2

Manual Integrations
APPROVED

MMDadoda
5/23/2019 12:15:51 PM

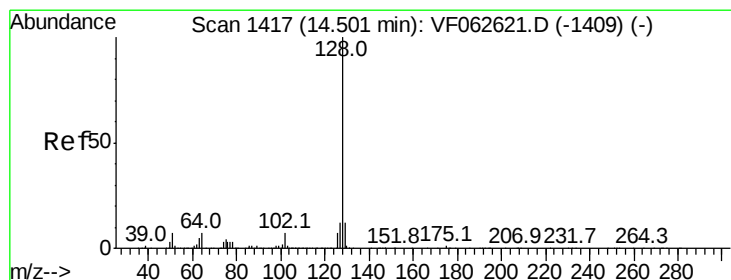
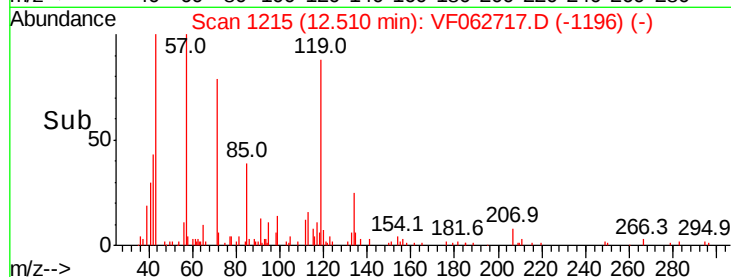
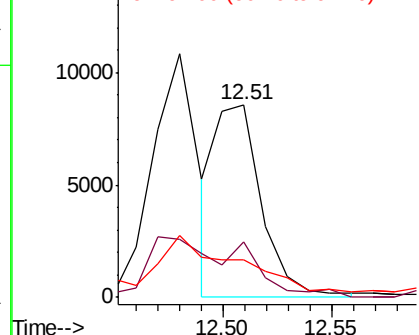


Abundance

Ion 119.00 (118.70 to 119.70): V

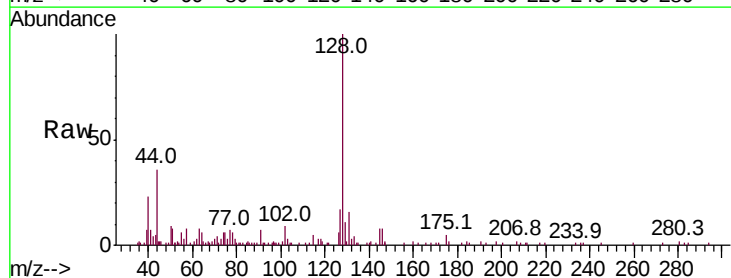
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#95
Naphthalene
Concen: 3.846 ug/l
RT: 14.48 min Scan# 1415
Delta R.T. -0.02 min
Lab File: VF062717.D
Acq: 22 May 2019 20:33

Tgt Ion:	128	Resp:	25447
Ion Ratio	Lower	Upper	
128	100		
127	16.6	9.7	14.5#
129	11.0	9.3	13.9



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

