

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052319\
 Data File : VF062731.D
 Acq On : 23 May 2019 17:15
 Operator : FY/SY
 Sample : K3002-08
 Misc : 5.05µ/5mL/MSVOA F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 22-C6-20190413

Manual Integrations
 APPROVED

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 5/24/2019 11:16:10 AM

Quant Time: May 24 03:22:40 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	5.06	168	827162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	1338449	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	793415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	328856	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	234777	40.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.34%	
35) Dibromofluoromethane	4.31	113	451228	44.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.12%	
50) Toluene-d8	7.71	98	990084	40.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.98%	
62) 4-Bromofluorobenzene	11.50	95	330524	35.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.28%	
Target Compounds						
16) Acetone	2.35	43	29281	19.309	ug/l #	81
68) m/p-Xylenes	10.27	106	11874	1.167	ug/l	80
69) o-Xylene	10.82	106	12335	1.177	ug/l	79
80) 1,3,5-Trimethylbenzene	11.89	105	92382	4.888	ug/l	94
84) 1,2,4-Trimethylbenzene	12.27	105	244329	13.357	ug/l	94
86) p-Isopropyltoluene	12.52	119	30504m	1.407	ug/l	
95) Naphthalene	14.50	128	52867	4.303	ug/l	96

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

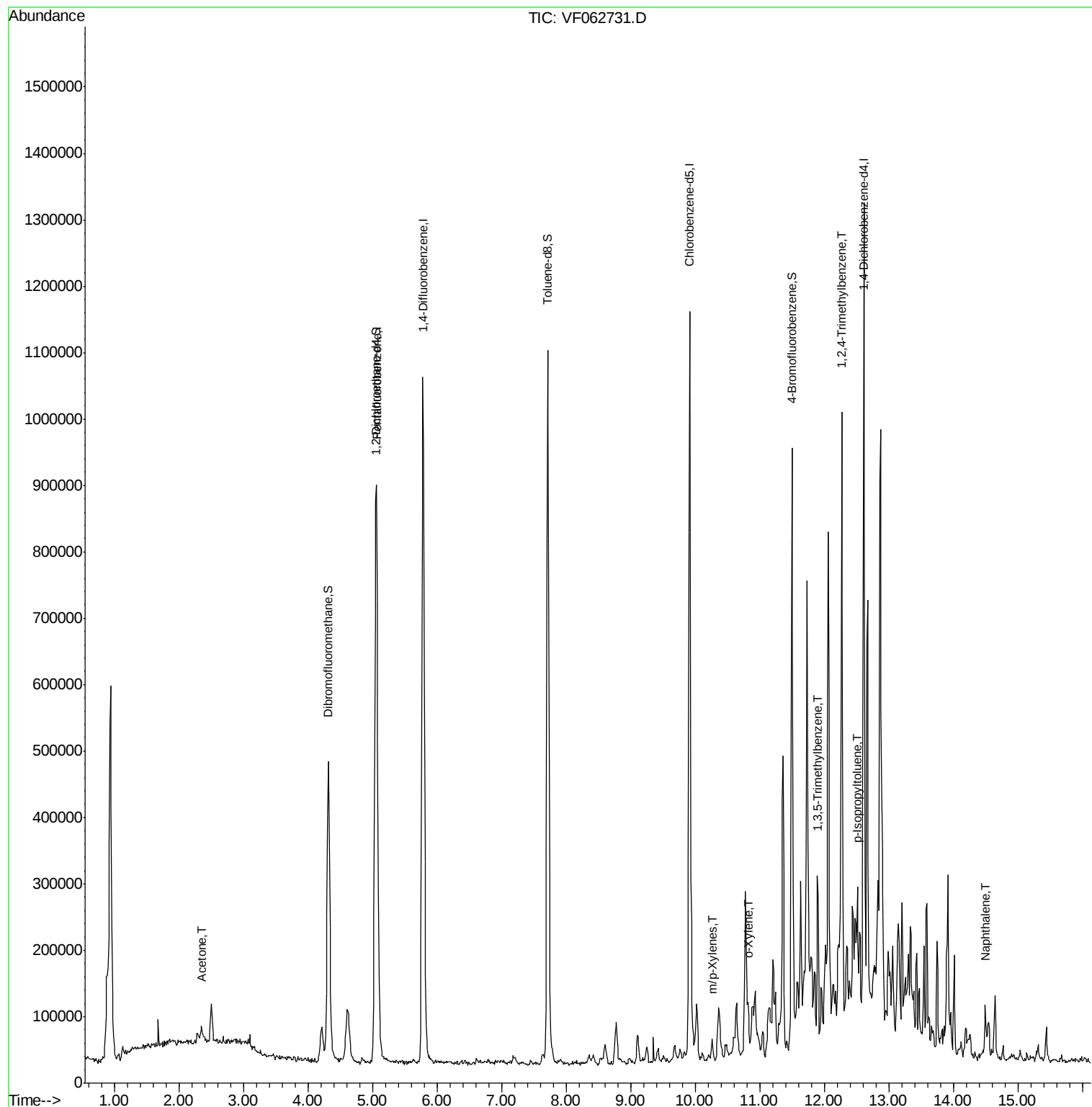
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF052319\
Data File : VF062731.D
Acq On : 23 May 2019 17:15
Operator : FY/SY
Sample : K3002-08
Misc : 5.05g/5mL/MSVOA F/SOIL
ALS Vial : 15 Sample Multiplier: 1

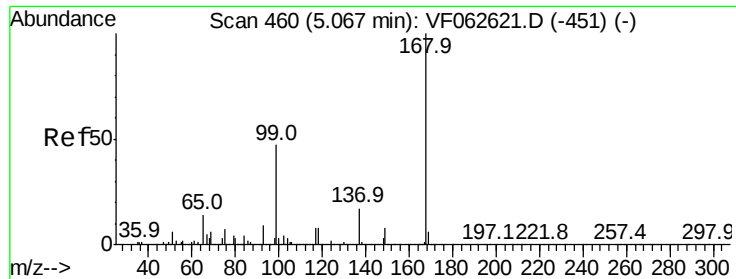
Instrument :
MSVOA_F
ClientSampleId :
22-C6-20190413

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Quant Time: May 24 03:22:40 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: 5.06 min Scan# 459

Delta R.T. -0.00 min

Lab File: VF062731.D

Acq: 23 May 2019 17:15

Instrument :

MSVOA_F

ClientSampleId :

22-C6-20190413

Tot Ion:168 Resp: 827162

Ion Ratio Lower Upper

168 100

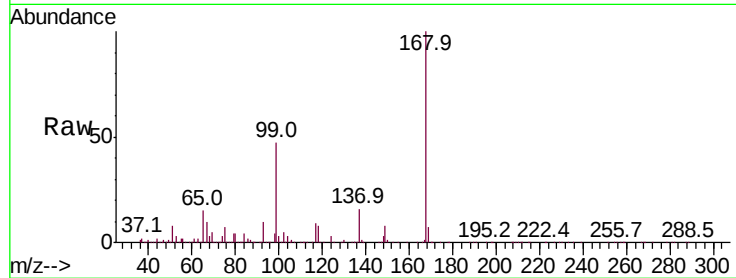
99 46.8 37.8 56.8

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.06

300000

250000

200000

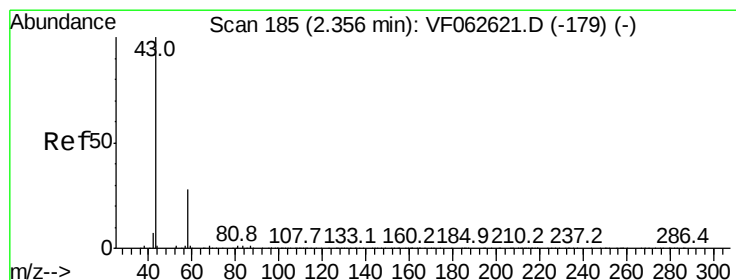
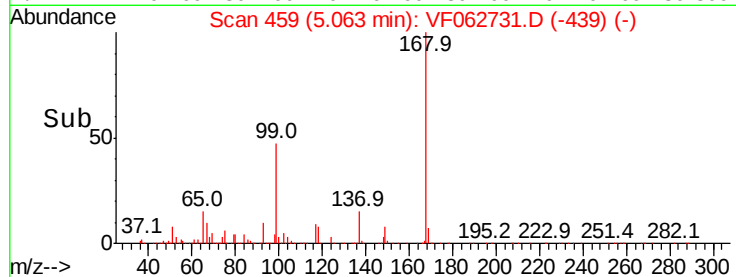
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 19.309 ug/l

RT: 2.35 min Scan# 184

Delta R.T. -0.00 min

Lab File: VF062731.D

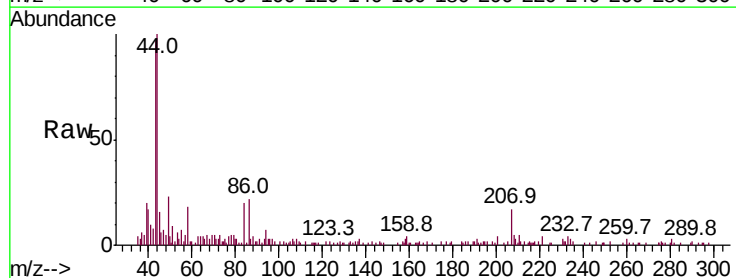
Acq: 23 May 2019 17:15

Tgt Ion: 43 Resp: 29281

Ion Ratio Lower Upper

43 100

58 18.3 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.35

12000

10000

8000

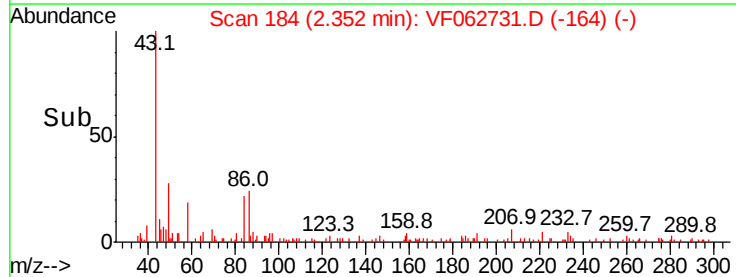
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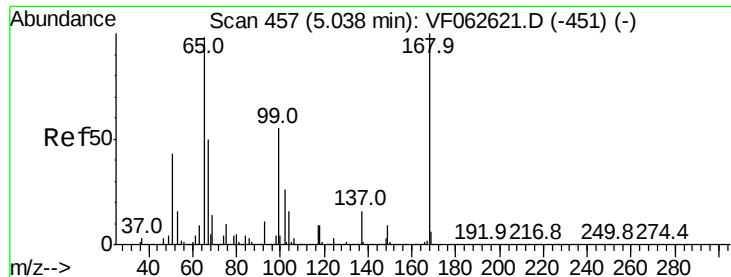
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 40.166 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.01 min

Lab File: VF062731.D

Acq: 23 May 2019 17:15

Instrument :

MSVOA_F

ClientSampleId :

22-C6-20190413

Tot Ion: 65 Resp: 234777

Ion Ratio Lower Upper

65 100

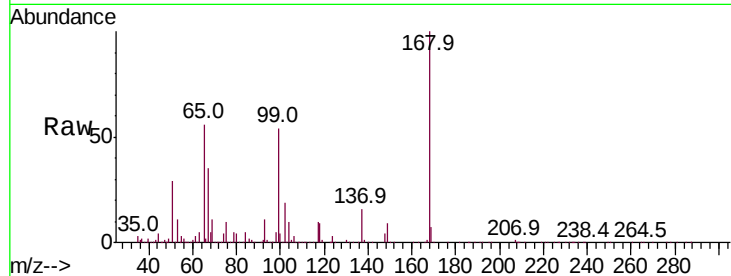
67 63.6 0.0 117.6

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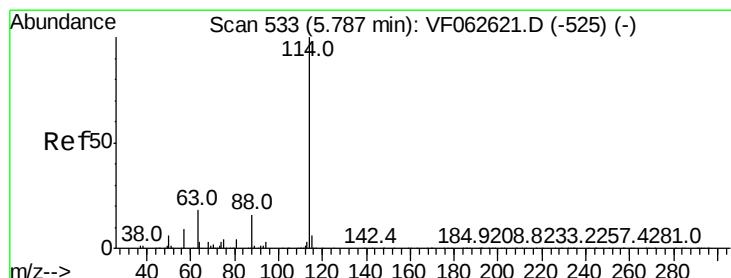
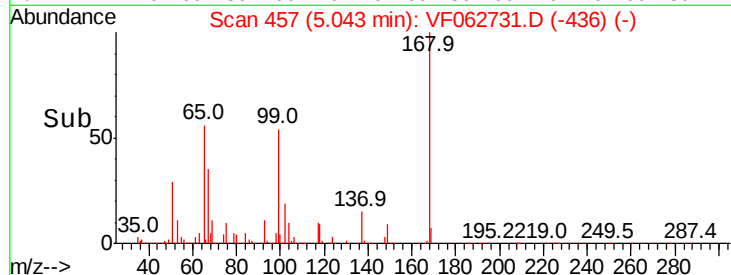
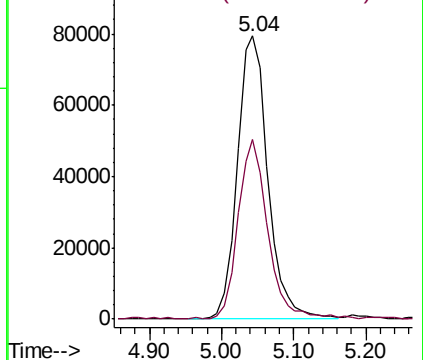
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Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 532

Delta R.T. -0.00 min

Lab File: VF062731.D

Acq: 23 May 2019 17:15

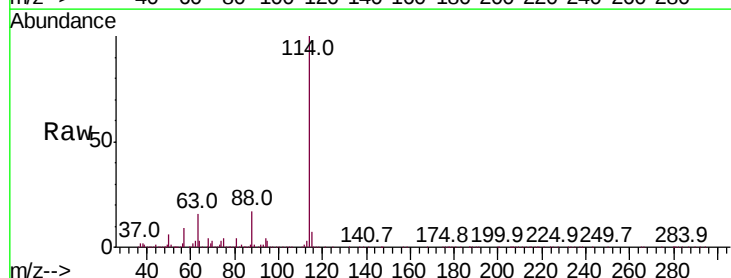
Tgt Ion: 114 Resp: 1338449

Ion Ratio Lower Upper

114 100

63 16.4 0.0 35.4

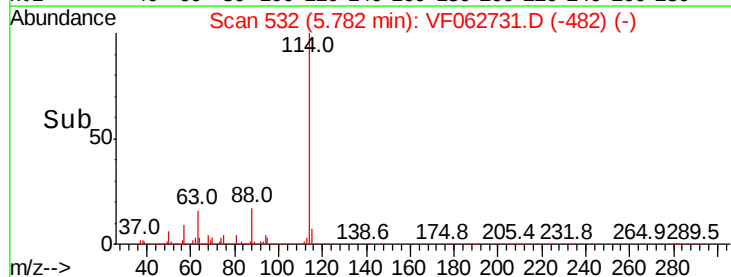
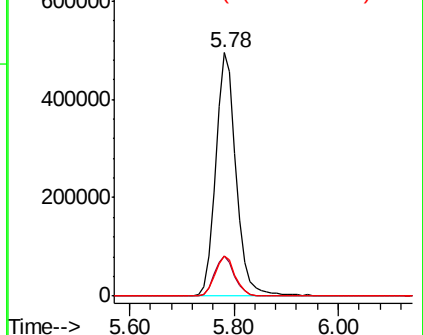
88 16.6 0.0 32.4

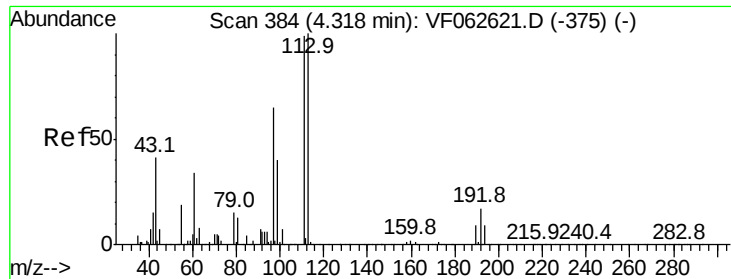


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





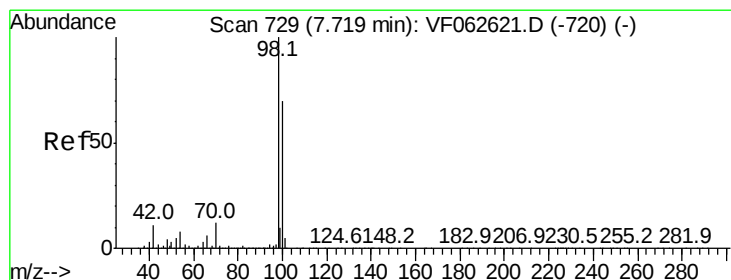
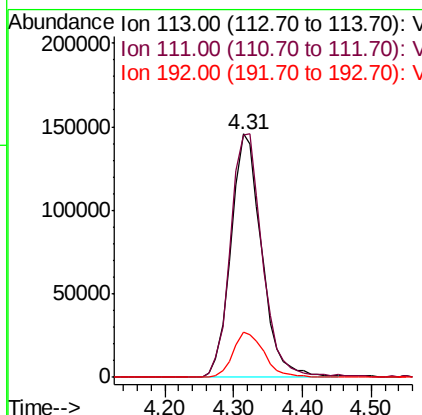
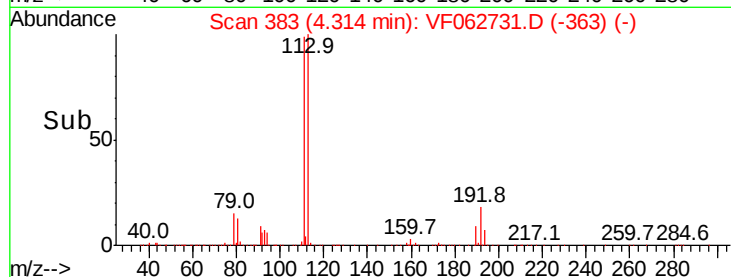
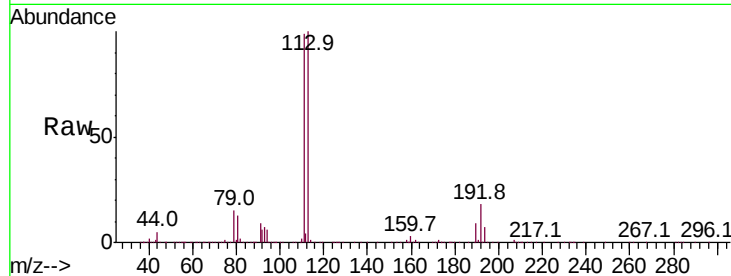
#35
Dibromofluoromethane
Concen: 44.057 ug/l
RT: 4.31 min Scan# 383
Delta R.T. -0.00 min
Lab File: VF062731.D
Acq: 23 May 2019 17:15

Instrument :
MSVOA_F
ClientSampleId :
22-C6-20190413

Tot Ion	Ratio	Lower	Upper
113	100		
111	99.5	79.4	119.2
192	18.7	13.4	20.2

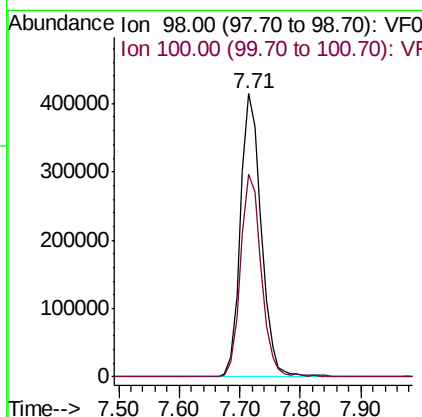
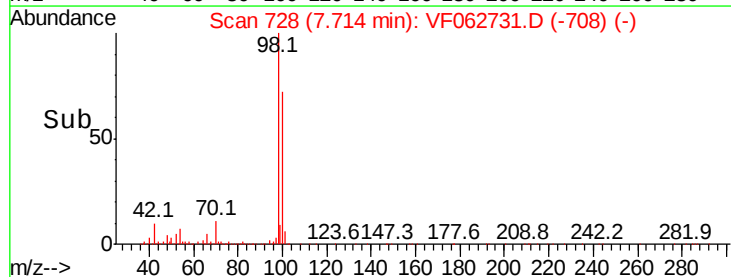
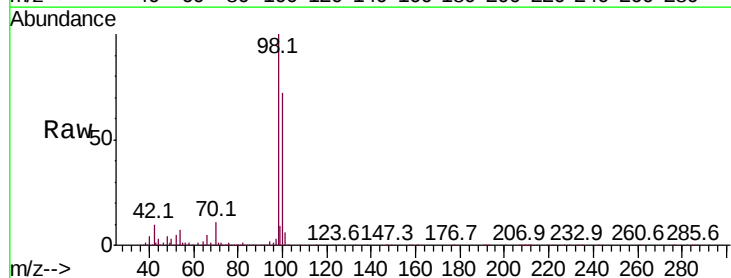
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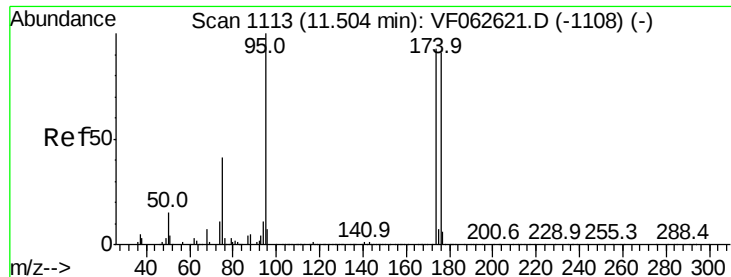
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#50
Toluene-d8
Concen: 40.488 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.00 min
Lab File: VF062731.D
Acq: 23 May 2019 17:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	71.6	56.2	84.2





#62

4-Bromofluorobenzene

Concen: 35.638 ug/l

RT: 11.50 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VF062731.D

Acq: 23 May 2019 17:15

Instrument :

MSVOA_F

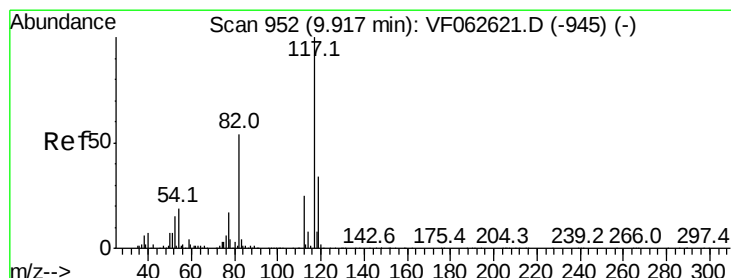
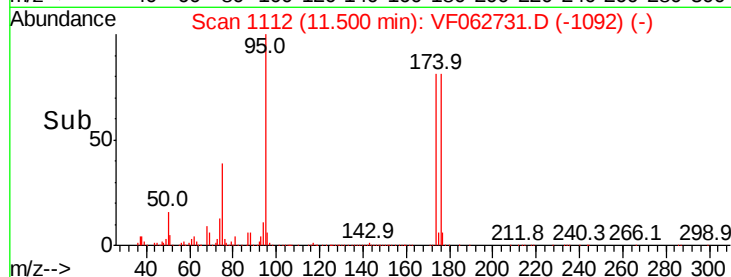
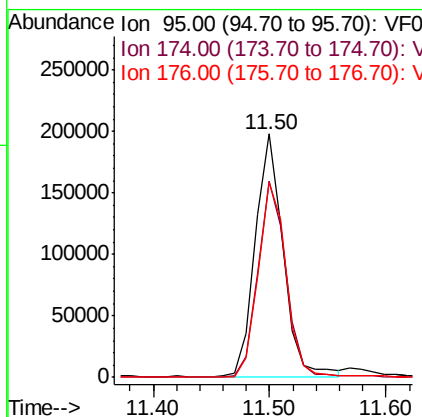
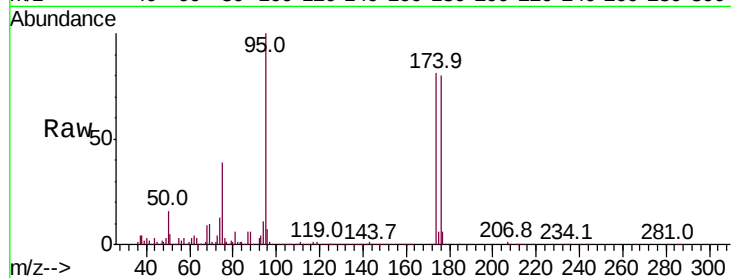
ClientSampleId :

22-C6-20190413

Tot Ion:	95	Resp:	330524
Ion Ratio	Lower	Upper	
95	100		
174	80.6	0.0	185.6
176	80.1	0.0	182.4

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

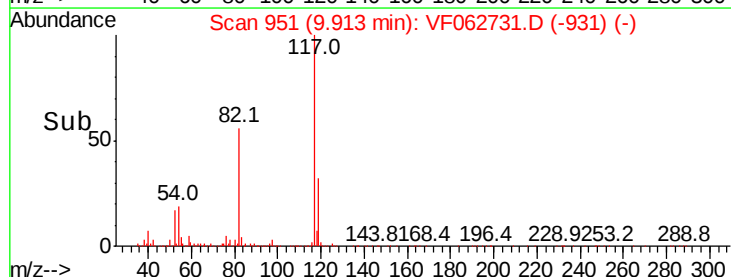
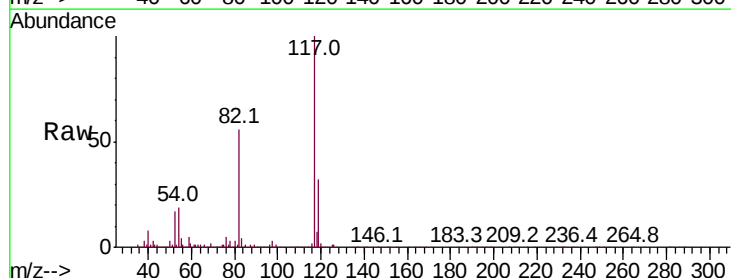
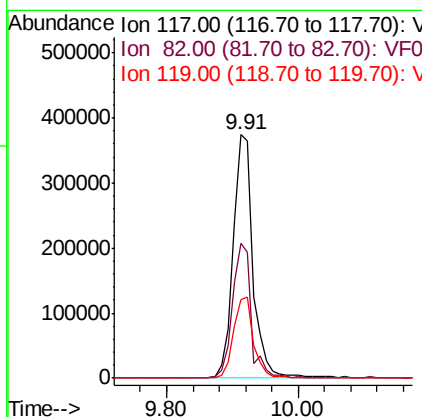
RT: 9.91 min Scan# 951

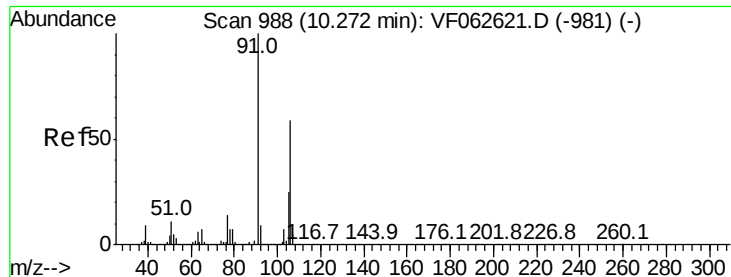
Delta R.T. -0.00 min

Lab File: VF062731.D

Acq: 23 May 2019 17:15

Tgt Ion:	117	Resp:	793415
Ion Ratio	Lower	Upper	
117	100		
82	55.6	43.3	64.9
119	32.5	27.4	41.0





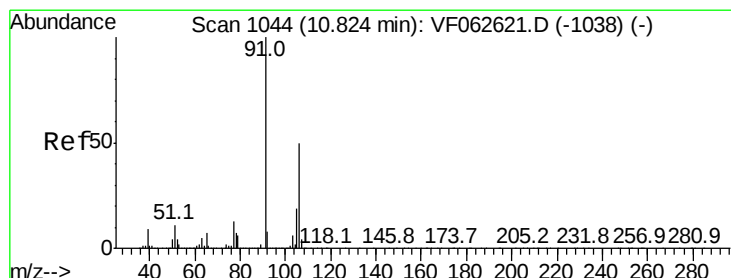
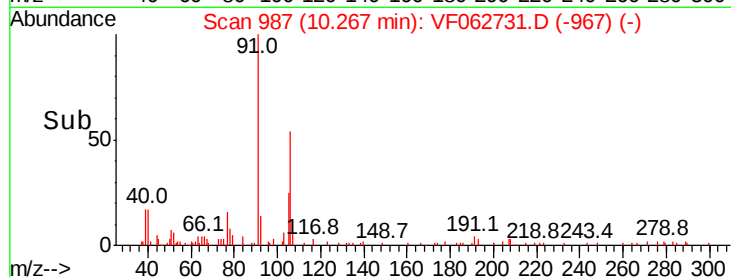
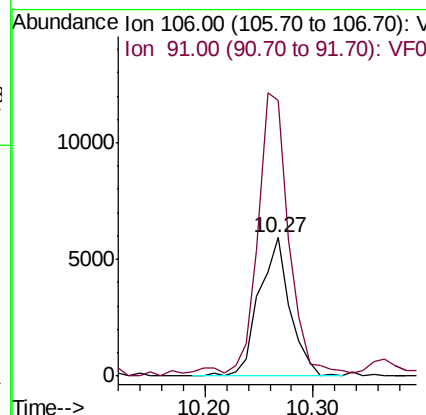
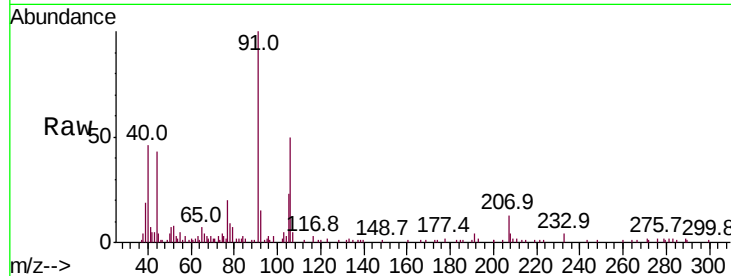
#68
m/p-Xylenes
Concen: 1.167 ug/l
RT: 10.27 min Scan# 987
Delta R.T. -0.00 min
Lab File: VF062731.D
Acq: 23 May 2019 17:15

Instrument :
MSVOA_F
ClientSampleId :
22-C6-20190413

Tot Ion:106 Resp: 11874
Ion Ratio Lower Upper
106 100
91 198.7 136.9 205.3

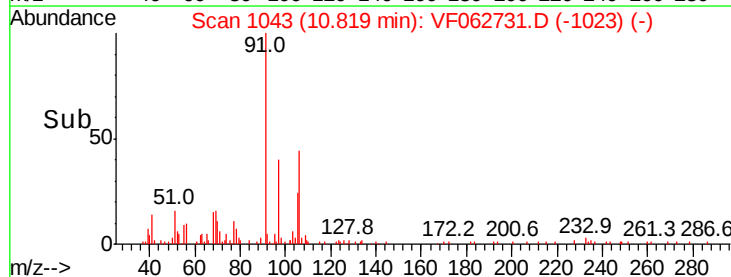
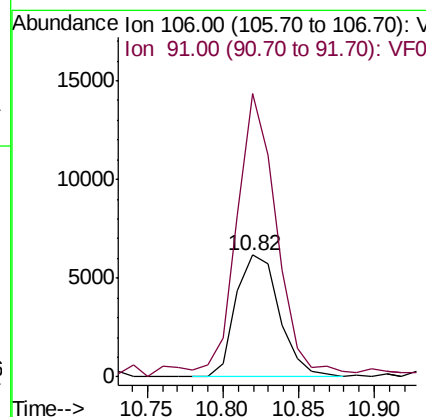
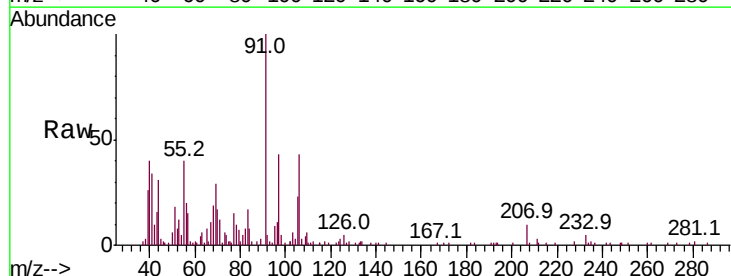
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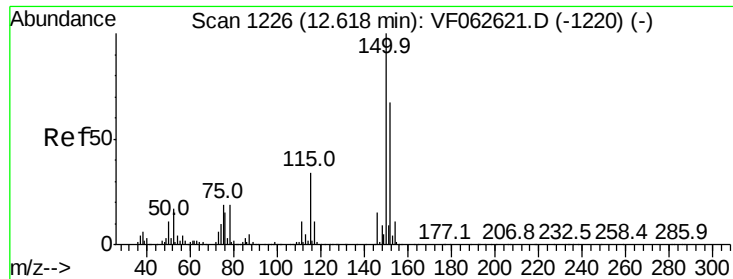
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#69
o-Xylene
Concen: 1.177 ug/l
RT: 10.82 min Scan# 1043
Delta R.T. -0.00 min
Lab File: VF062731.D
Acq: 23 May 2019 17:15

Tgt Ion:106 Resp: 12335
Ion Ratio Lower Upper
106 100
91 232.4 100.2 300.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.61 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VF062731.D

Acq: 23 May 2019 17:15

Instrument :

MSVOA_F

ClientSampleId :

22-C6-20190413

Tot Ion:152 Resp: 328856

Ion Ratio Lower Upper

152 100

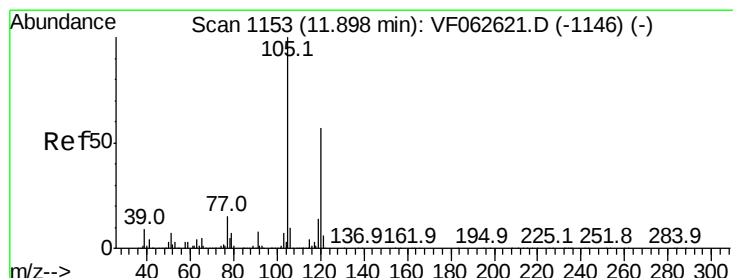
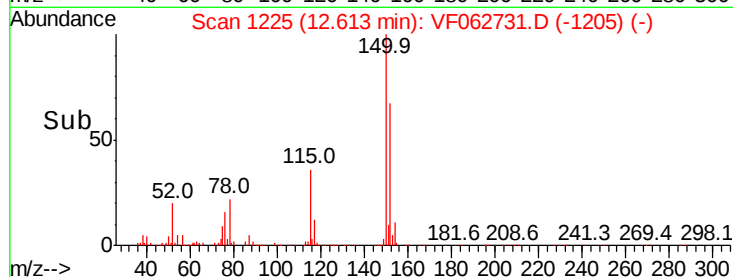
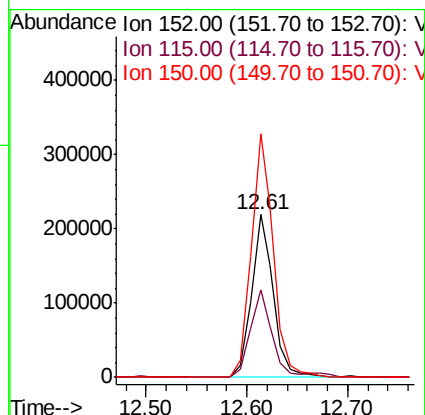
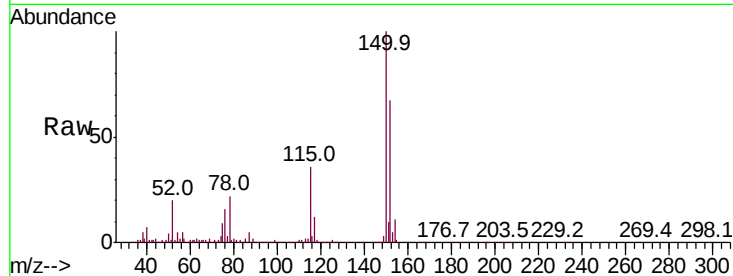
115 53.4 25.2 75.6

150 149.6 0.0 306.2

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 4.888 ug/l

RT: 11.89 min Scan# 1152

Delta R.T. -0.00 min

Lab File: VF062731.D

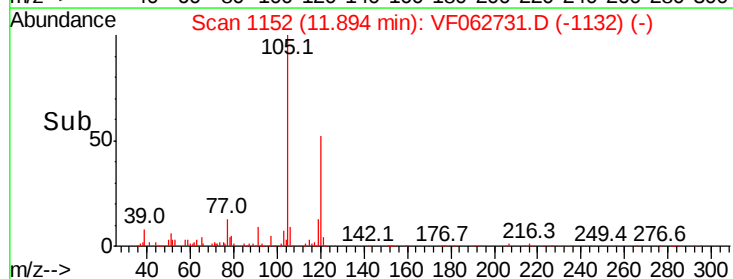
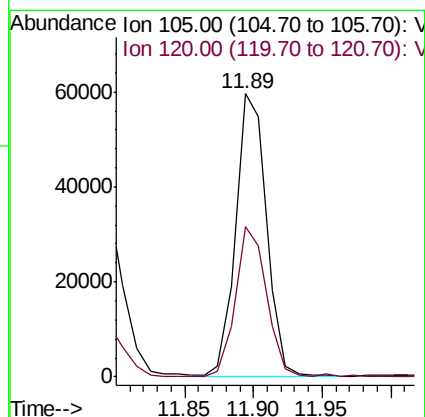
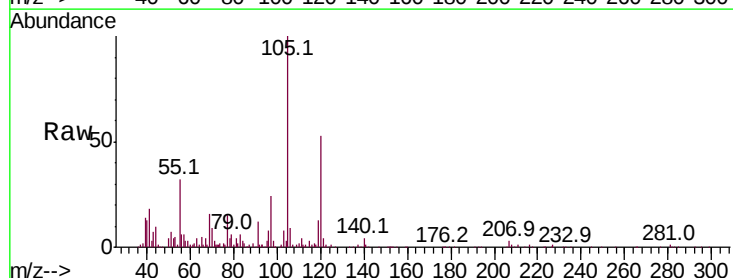
Acq: 23 May 2019 17:15

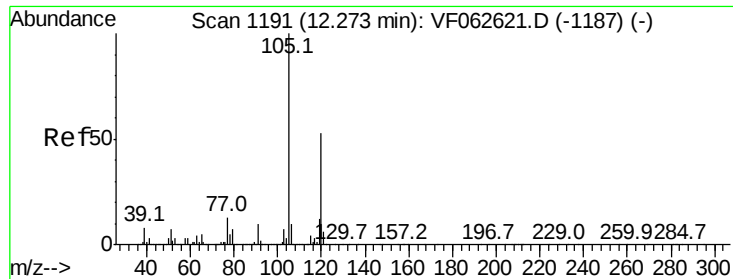
Tgt Ion:105 Resp: 92382

Ion Ratio Lower Upper

105 100

120 53.2 28.7 86.3





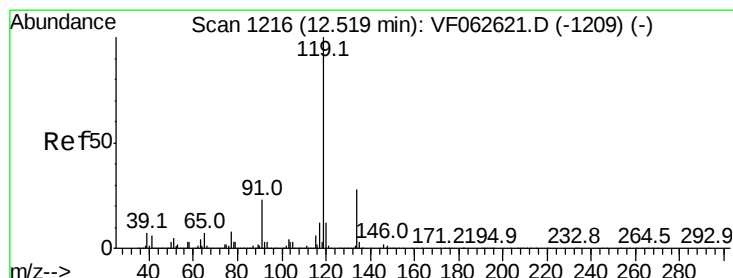
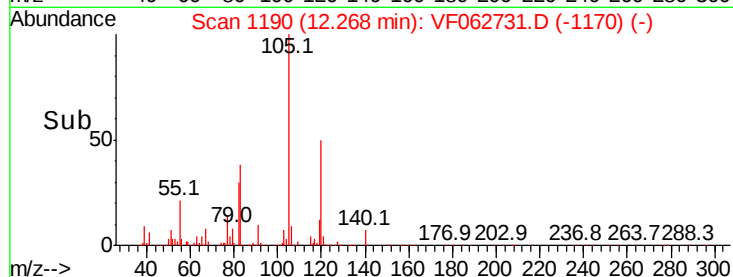
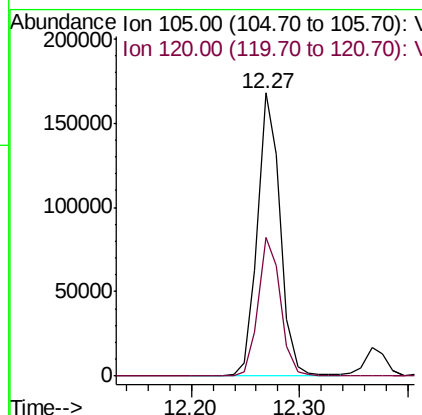
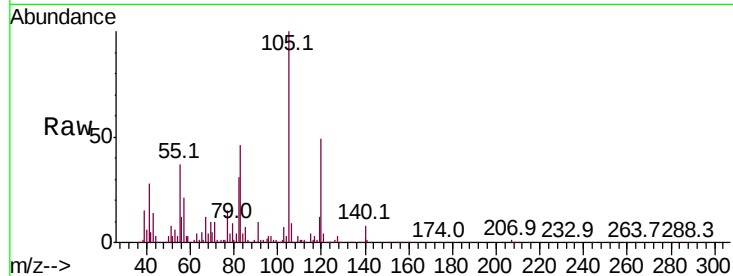
#84
 1,2,4-Trimethylbenzene
 Concen: 13.357 ug/l
 RT: 12.27 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: VF062731.D
 Acq: 23 May 2019 17:15

Instrument :
 MSVOA_F
 ClientSampleId :
 22-C6-20190413

Tot Ion	Ratio	Lower	Upper
105	100		
120	49.2	26.7	80.1

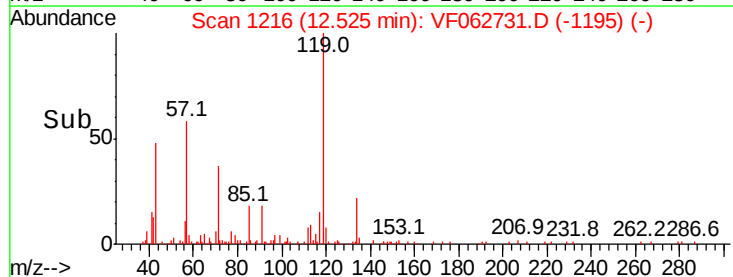
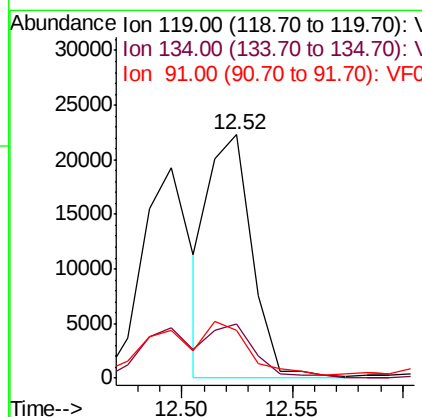
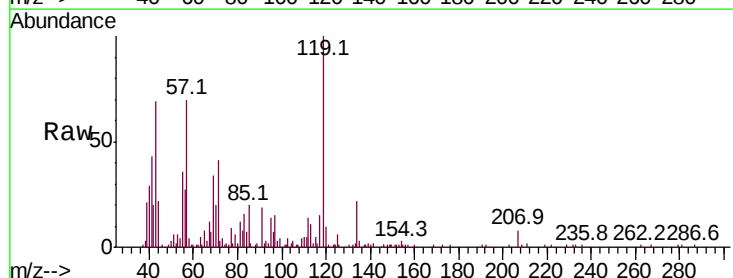
Manual Integrations
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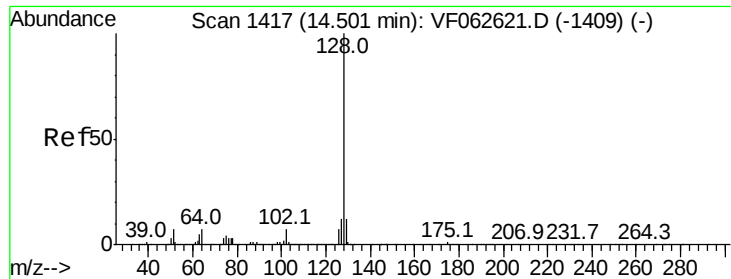
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 5/24/2019 11:16:10 AM



#86
 p-Isopropyltoluene
 Concen: 1.407 ug/l m
 RT: 12.52 min Scan# 1216
 Delta R.T. 0.01 min
 Lab File: VF062731.D
 Acq: 23 May 2019 17:15

Tgt Ion	Ratio	Lower	Upper
119	100		
134	22.3	14.1	42.3
91	19.5	11.4	34.2





#95
Naphthalene
Concen: 4.303 ug/l
RT: 14.50 min Scan# 1416
Delta R.T. -0.00 min
Lab File: VF062731.D
Acq: 23 May 2019 17:15

Instrument :
MSVOA_F
ClientSampleId :
22-C6-20190413

Tot Ion:	128	Resp:	52867
Ion Ratio	Lower	Upper	
128	100		
127	9.7	9.7	14.5
129	11.2	9.3	13.9

Manual Integrations
APPROVED

MMDadoda
5/24/2019 11:16:10 AM

