

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF020819\
 Data File : VF061567.D
 Acq On : 8 Feb 2019 19:43
 Operator : VA/AP
 Sample : K1450-03
 Misc : 6.77g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 HOSPITAL-BOX-CULVERT-TP

Manual Integrations
 APPROVED

MMDadoda
 2/12/2019 2:32:13 AM

Quant Time: Feb 09 05:40:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	162404	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	274439	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	231029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	103872	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	80974	40.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.76%	
35) Dibromofluoromethane	4.10	113	89346	41.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.52%	
50) Toluene-d8	7.55	98	209746	35.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.70%	
62) 4-Bromofluorobenzene	11.41	95	95601	34.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.98%	
Target Compounds						
					Qvalue	
16) Acetone	2.23	43	33338	82.880	ug/l #	90
20) Methylene Chloride	2.25	84	18097m	11.915	ug/l	
25) 2-Butanone	4.34	43	11094	16.585	ug/l	96
31) Cyclohexane	3.68	56	20232	6.278	ug/l #	83
39) Methylcyclohexane	5.45	83	42743	12.395	ug/l	92
67) Ethyl Benzene	9.89	91	8634	1.006	ug/l #	89
68) m/p-Xylenes	10.13	106	7084	2.295	ug/l	82
69) o-Xylene	10.71	106	5044	1.507	ug/l	92
73) Isopropylbenzene	11.12	105	18890	2.236	ug/l	98
80) 1,3,5-Trimethylbenzene	11.81	105	18738	2.748	ug/l	89
84) 1,2,4-Trimethylbenzene	12.20	105	38582	5.494	ug/l	94
86) p-Isopropyltoluene	12.45	119	11474	1.459	ug/l #	83
95) Naphthalene	14.45	128	1182499	266.201	ug/l	98

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

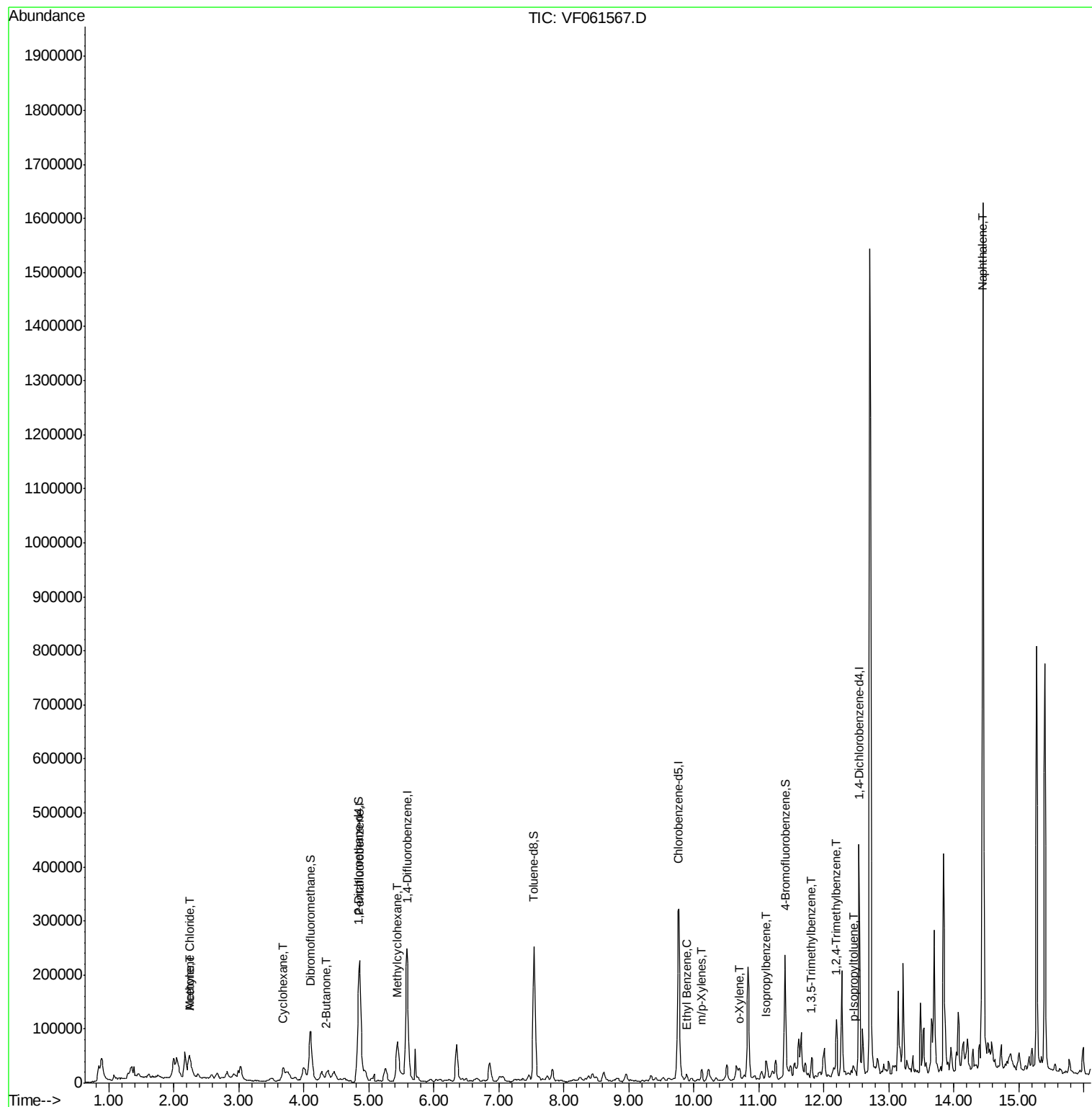
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF020819\
Data File : VF061567.D
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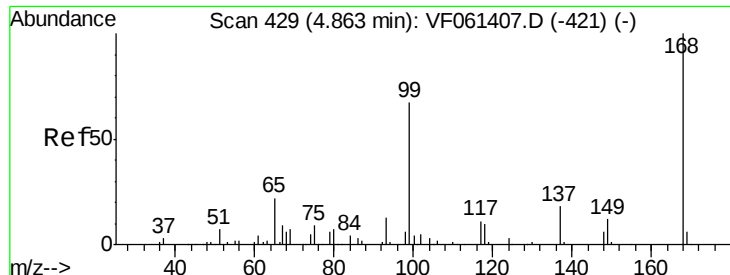
Instrument :
MSVOA_F
ClientSampleId :
HOSPITAL-BOX-CULVERT-TP

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Quant Time: Feb 09 05:40:28 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. 0.00 min

Lab File: VF061567.D

Acq: 8 Feb 2019 19:43

Instrument :

MSVOA_F

ClientSampleId :

HOSPITAL-BOX-CULVERT-TP

Tot Ion:168 Resp: 162404

Ion Ratio Lower Upper

168 100

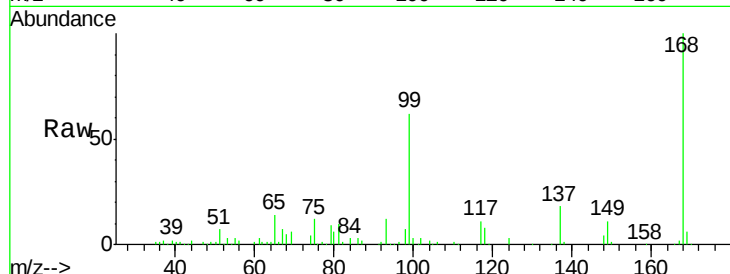
99 62.2 53.5 80.3

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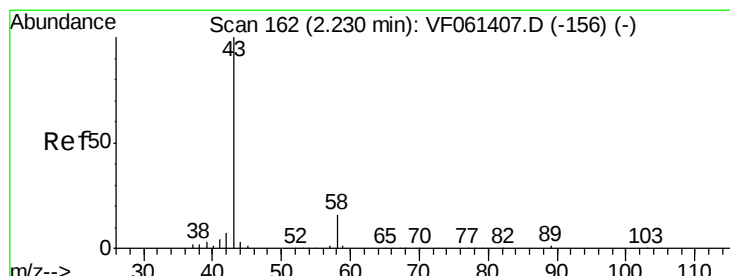
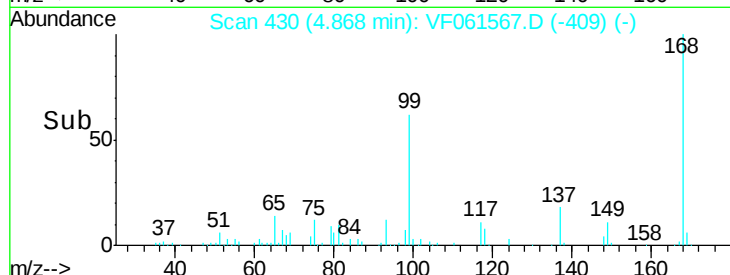


Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

Time-->



#16

Acetone

Concen: 82.880 ug/l

RT: 2.23 min Scan# 163

Delta R.T. 0.00 min

Lab File: VF061567.D

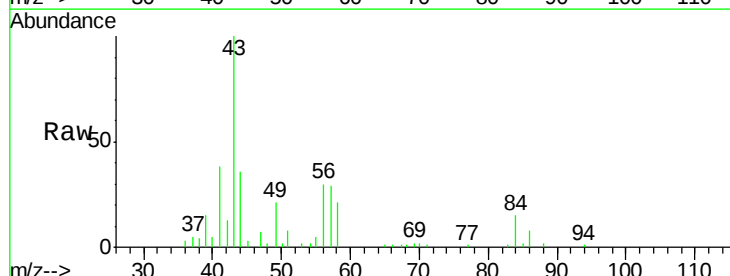
Acq: 8 Feb 2019 19:43

Tgt Ion: 43 Resp: 33338

Ion Ratio Lower Upper

43 100

58 20.9 13.3 19.9#

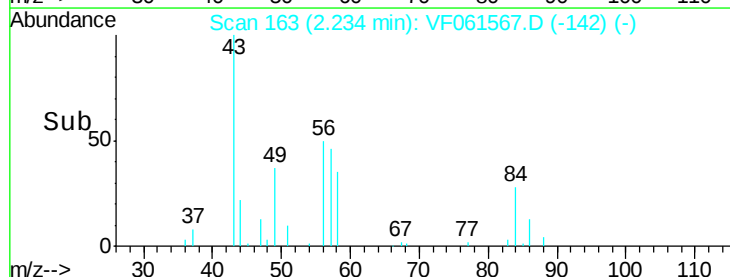


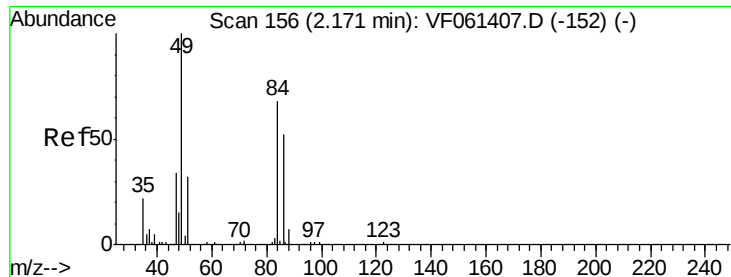
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.23

Time-->





#20

Methylene Chloride

Concen: 11.915 ug/l

RT: 2.25 min Scan# 165

Delta R.T. 0.08 min

Lab File: VF061567.D

Acq: 8 Feb 2019 19:43

Instrument :

MSVOA_F

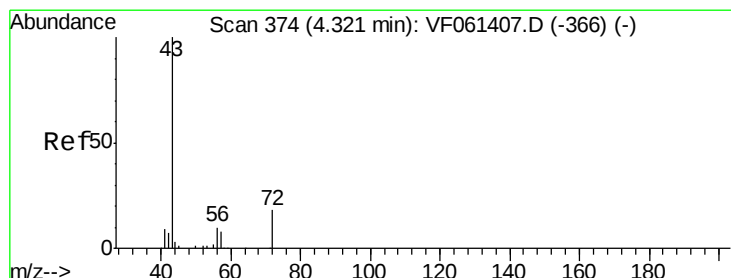
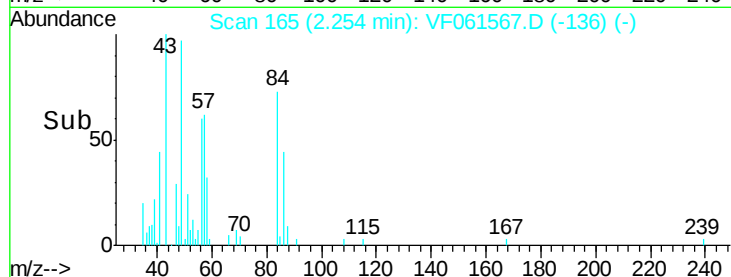
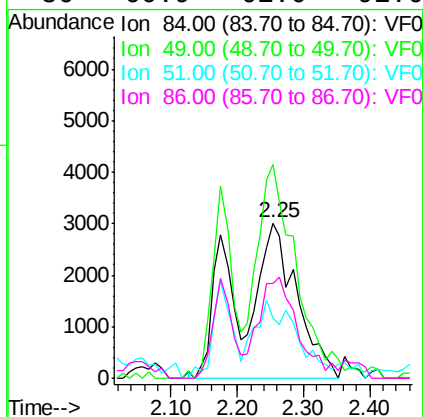
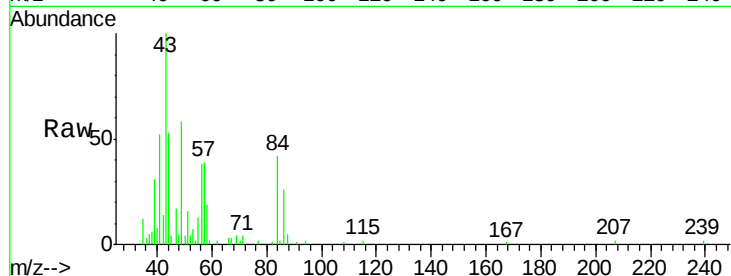
ClientSampleId :

HOSPITAL-BOX-CULVERT-TP

Tot Ion:	84	Resp:	18097
Ion	Ratio	Lower	Upper
84	100		
49	137.6	120.0	180.0
51	39.0	38.6	58.0
86	60.9	61.0	91.6#

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#25

2-Butanone

Concen: 16.585 ug/l

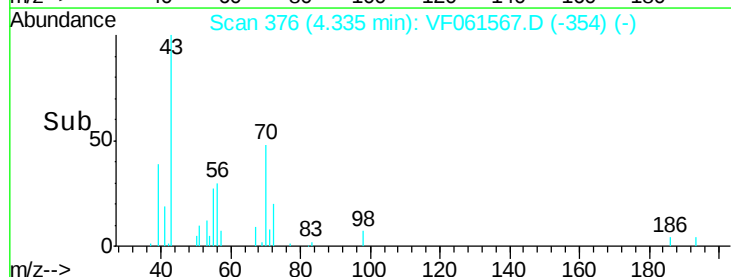
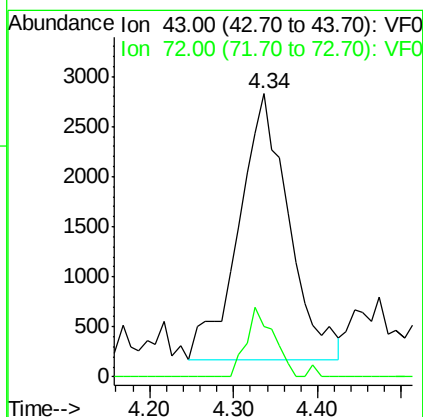
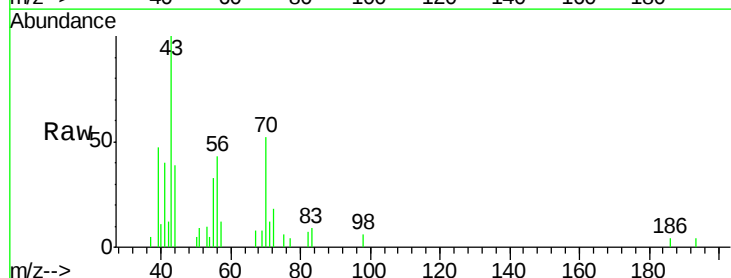
RT: 4.34 min Scan# 376

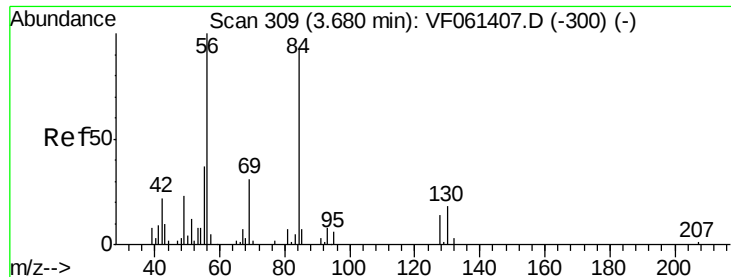
Delta R.T. 0.01 min

Lab File: VF061567.D

Acq: 8 Feb 2019 19:43

Tgt Ion:	43	Resp:	11094
Ion	Ratio	Lower	Upper
43	100		
72	18.0	15.8	23.6





#31

Cyclohexane

Concen: 6.278 ug/l

RT: 3.68 min Scan# 310

Delta R.T. 0.00 min

Lab File: VF061567.D

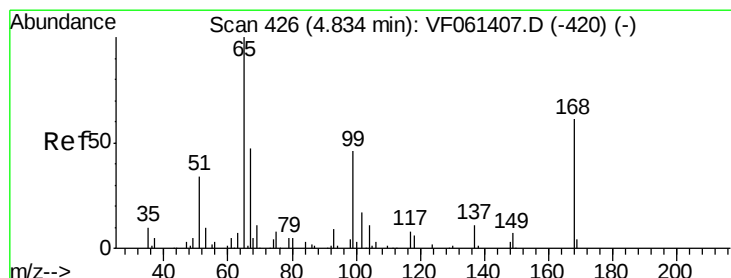
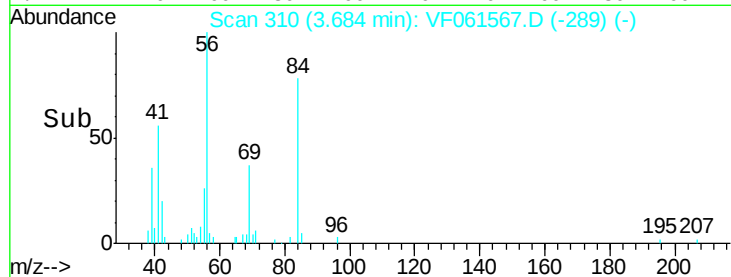
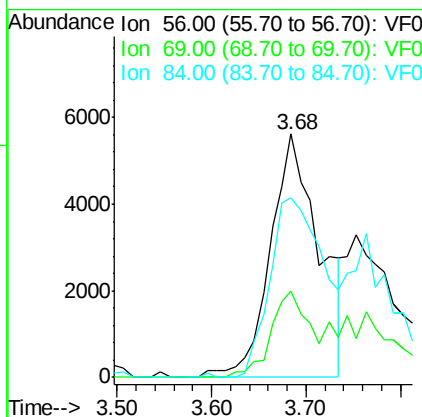
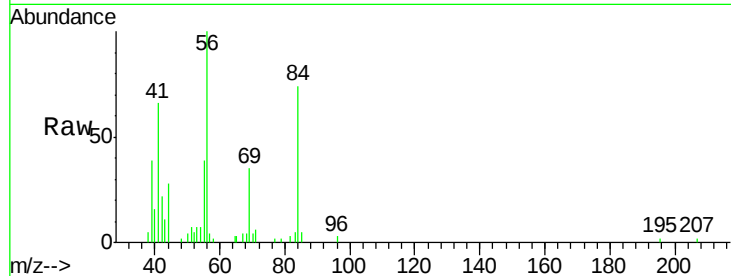
Acq: 8 Feb 2019 19:43

Instrument :
MSVOA_F
ClientSampleId :
HOSPITAL-BOX-CULVERT-TP

Tot Ion	56	Resp	20232
Ion Ratio	Lower	Upper	
56	100		
69	35.5	24.6	36.8
84	73.6	74.2	111.2#

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#33

1,2-Dichloroethane-d4

Concen: 40.384 ug/l

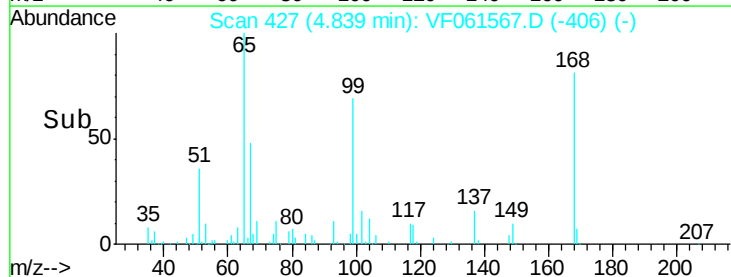
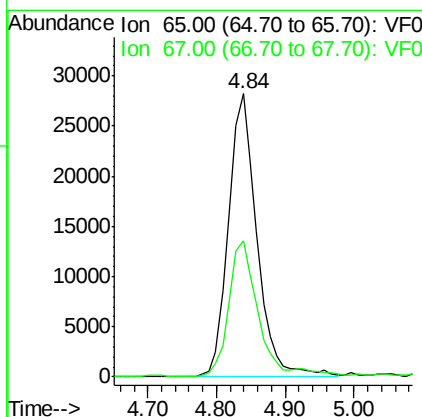
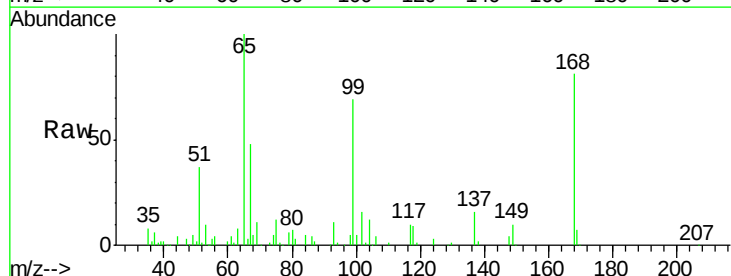
RT: 4.84 min Scan# 427

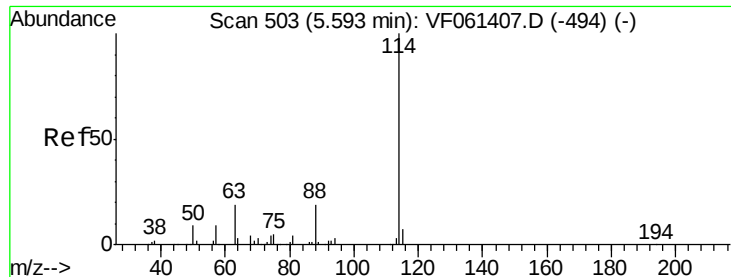
Delta R.T. 0.00 min

Lab File: VF061567.D

Acq: 8 Feb 2019 19:43

Tgt Ion	65	Resp	80974
Ion Ratio	Lower	Upper	
65	100		
67	48.3	0.0	99.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.01 min

Lab File: VF061567.D

Acq: 8 Feb 2019 19:43

Instrument :

MSVOA_F

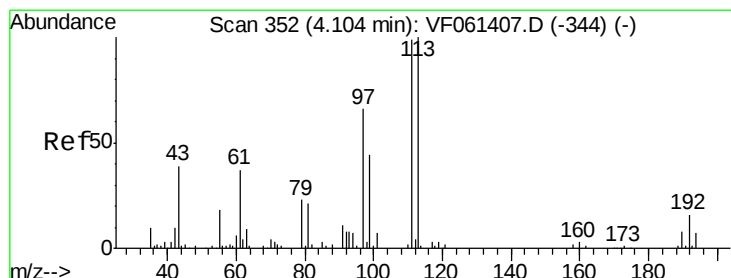
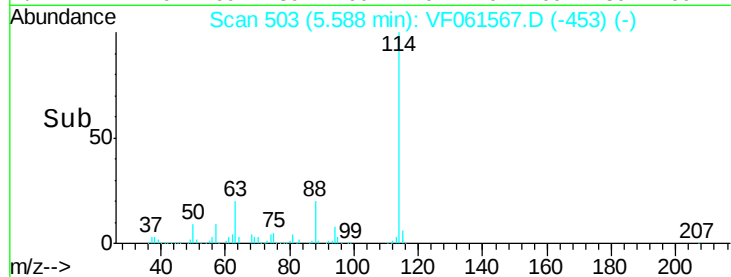
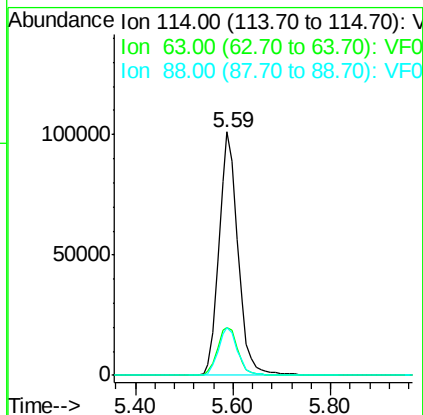
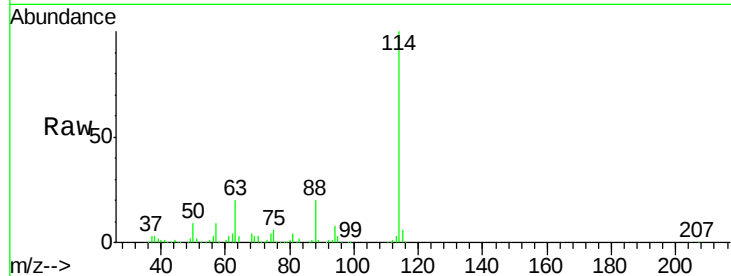
ClientSampleId :

HOSPITAL-BOX-CULVERT-TP

Tot Ion:	114	Resp:	274439
Ion Ratio	Lower	Upper	
114	100		
63	19.6	0.0	39.0
88	19.8	0.0	37.4

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#35

Dibromofluoromethane

Concen: 41.258 ug/l

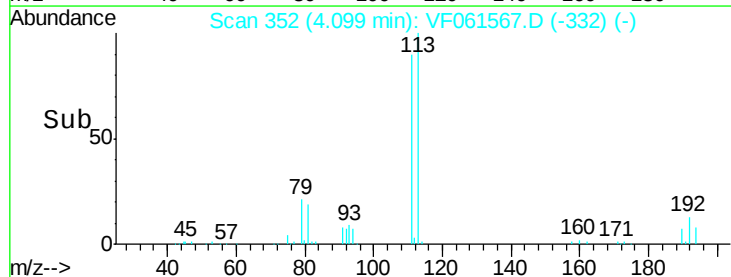
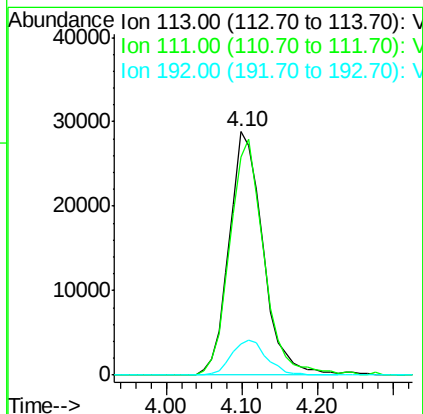
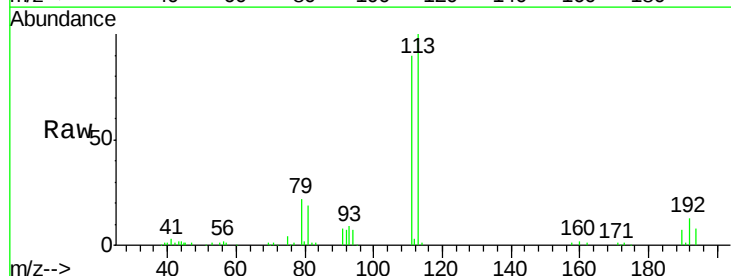
RT: 4.10 min Scan# 352

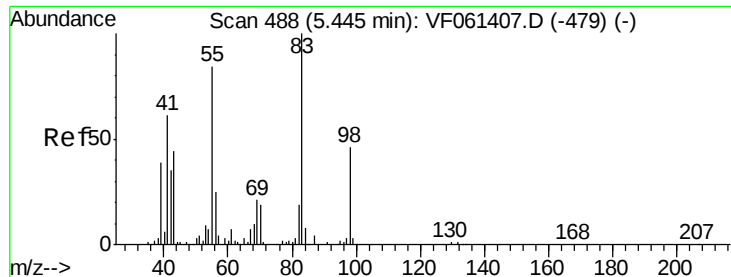
Delta R.T. -0.01 min

Lab File: VF061567.D

Acq: 8 Feb 2019 19:43

Tgt Ion:	113	Resp:	89346
Ion Ratio	Lower	Upper	
113	100		
111	89.6	79.4	119.0
192	12.8	12.4	18.6





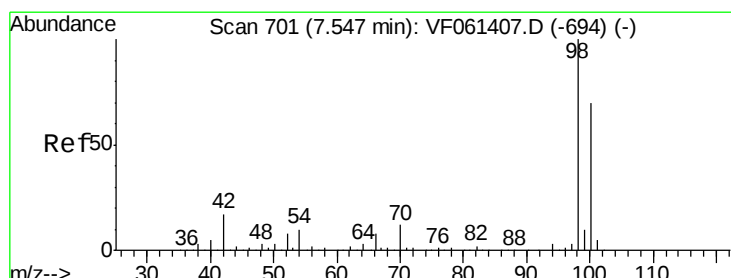
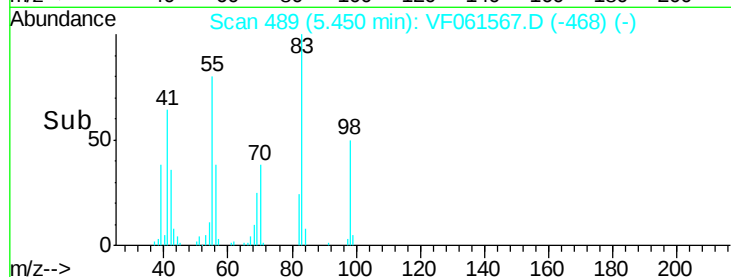
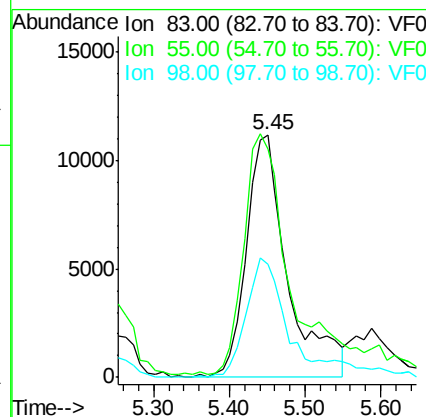
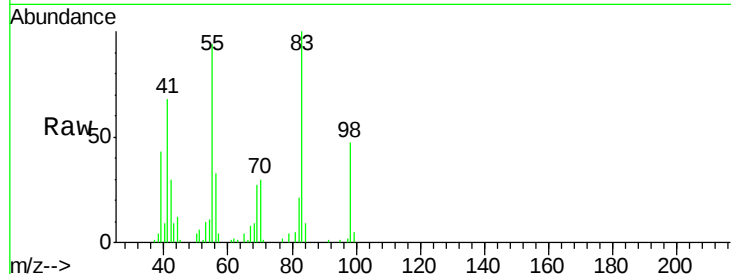
#39
Methylcyclohexane
Concen: 12.395 ug/l
RT: 5.45 min Scan# 489
Delta R.T. 0.00 min
Lab File: VF061567.D
Acq: 8 Feb 2019 19:43

Instrument :
MSVOA_F
ClientSampleId :
HOSPITAL-BOX-CULVERT-TP

Tot Ion	Ratio	Lower	Upper
83	100		
55	94.2	67.4	101.2
98	46.7	36.7	55.1

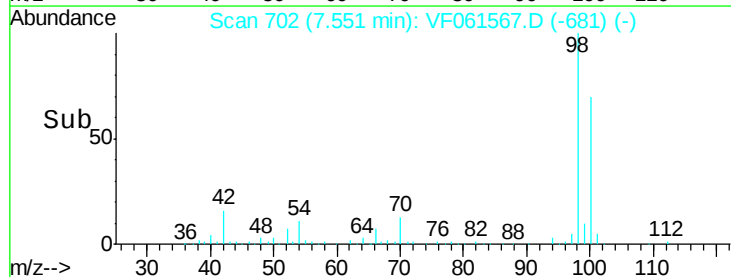
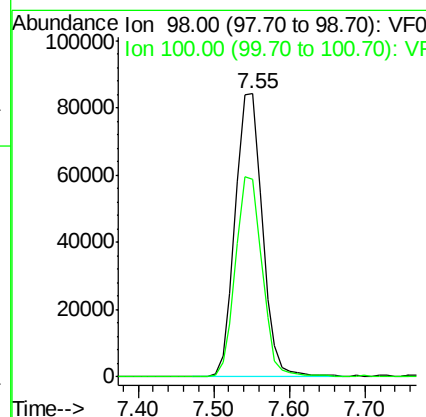
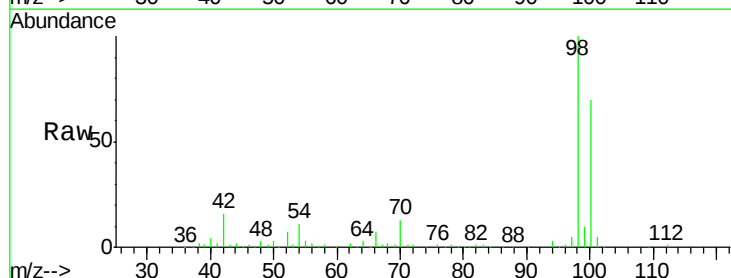
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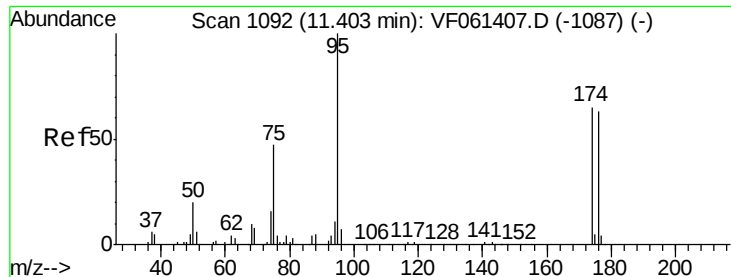
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#50
Toluene-d8
Concen: 35.351 ug/l
RT: 7.55 min Scan# 702
Delta R.T. 0.00 min
Lab File: VF061567.D
Acq: 8 Feb 2019 19:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	69.8	55.6	83.4





#62

4-Bromofluorobenzene

Concen: 34.486 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VF061567.D

Acq: 8 Feb 2019 19:43

Instrument :

MSVOA_F

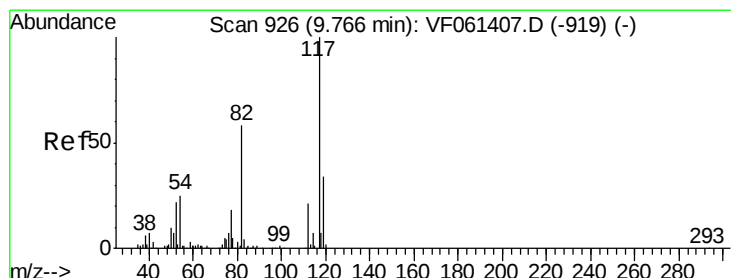
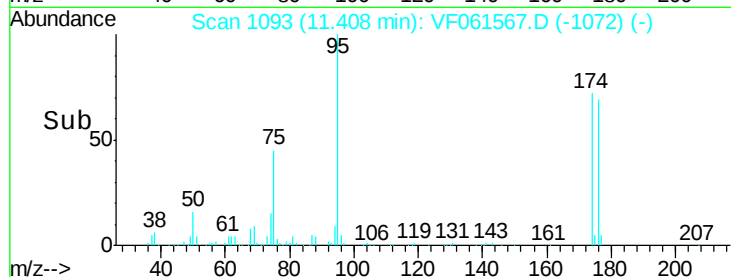
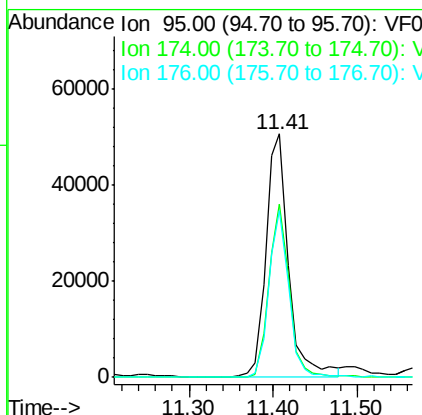
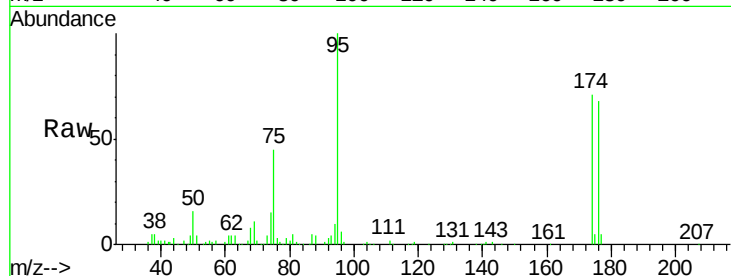
ClientSampleId :

HOSPITAL-BOX-CULVERT-TP

Tot Ion:	95	Resp:	95601
Ion Ratio	Lower	Upper	
95	100		
174	71.3	0.0	130.4
176	68.3	0.0	126.2

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

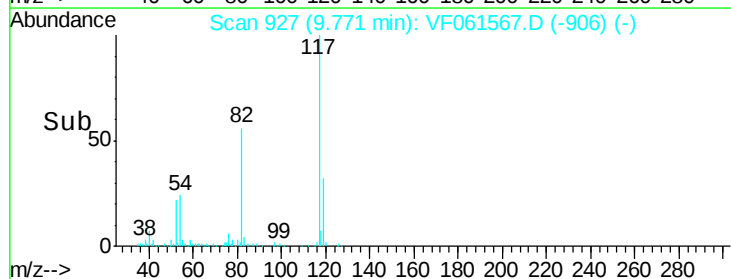
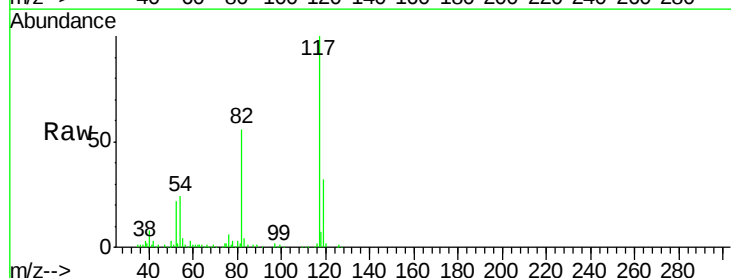
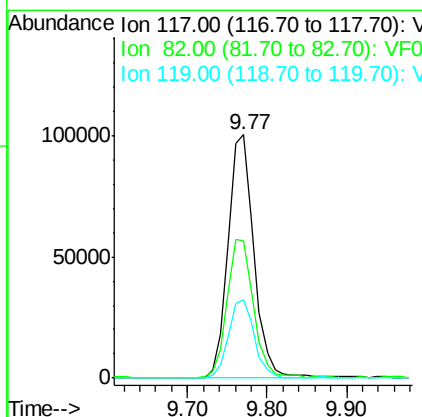
RT: 9.77 min Scan# 927

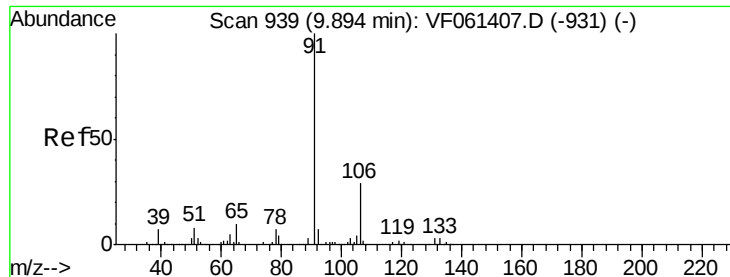
Delta R.T. 0.00 min

Lab File: VF061567.D

Acq: 8 Feb 2019 19:43

Tgt Ion:	117	Resp:	231029
Ion Ratio	Lower	Upper	
117	100		
82	56.2	46.4	69.6
119	32.4	27.2	40.8





#67

Ethyl Benzene

Concen: 1.006 ug/l

RT: 9.89 min Scan# 939

Delta R.T. -0.01 min

Lab File: VF061567.D

Acq: 8 Feb 2019 19:43

Instrument :

MSVOA_F

ClientSampleId :

HOSPITAL-BOX-CULVERT-TP

Tot Ion: 91 Resp: 8634

Ion Ratio Lower Upper

91 100

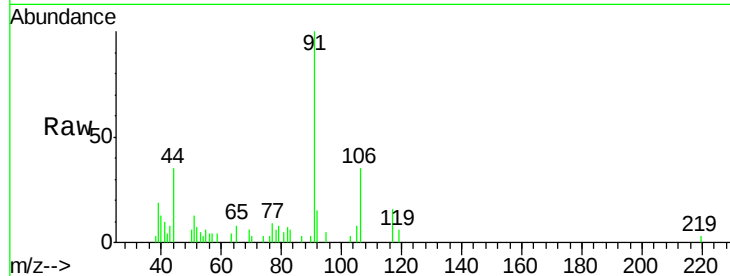
106 34.9 23.1 34.7#

Manual Integrations

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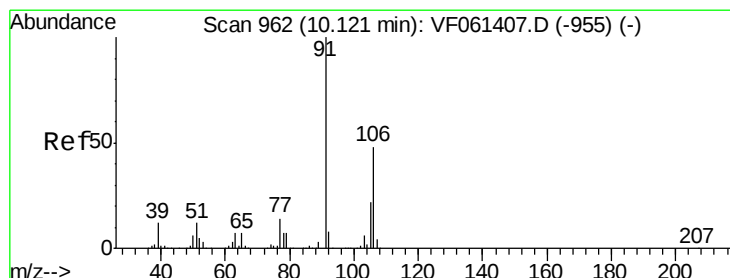
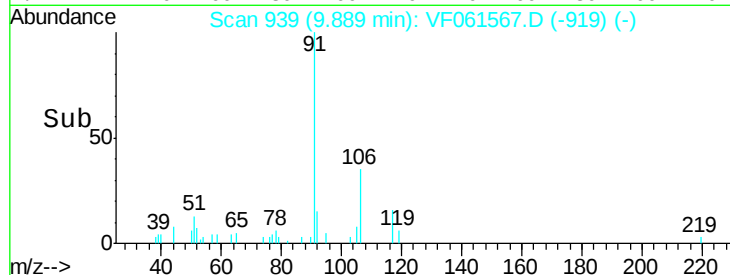
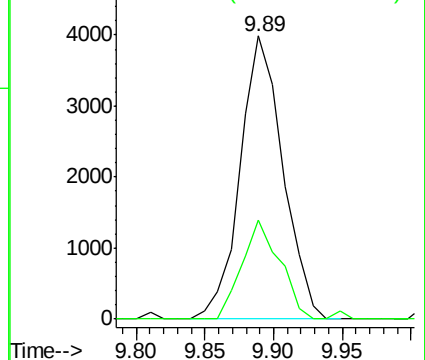
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Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 2.295 ug/l

RT: 10.13 min Scan# 963

Delta R.T. 0.00 min

Lab File: VF061567.D

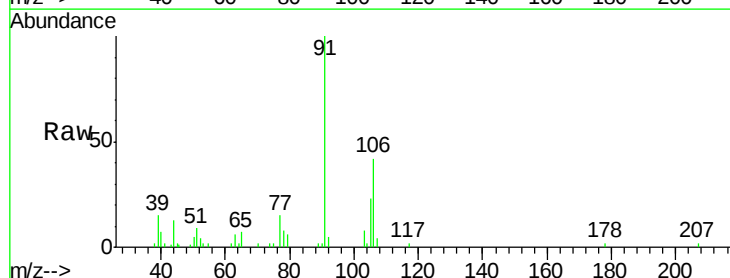
Acq: 8 Feb 2019 19:43

Tgt Ion:106 Resp: 7084

Ion Ratio Lower Upper

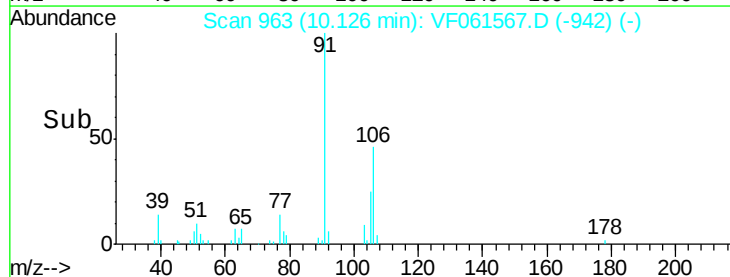
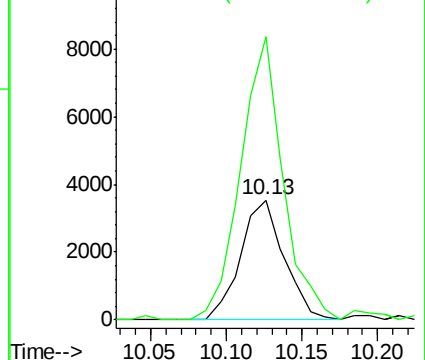
106 100

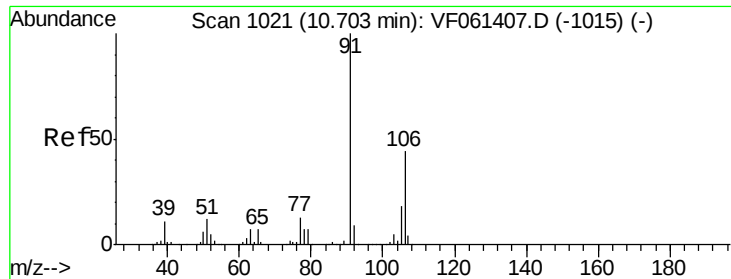
91 235.5 166.2 249.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0





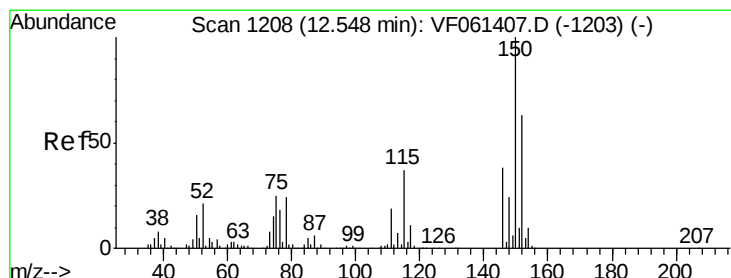
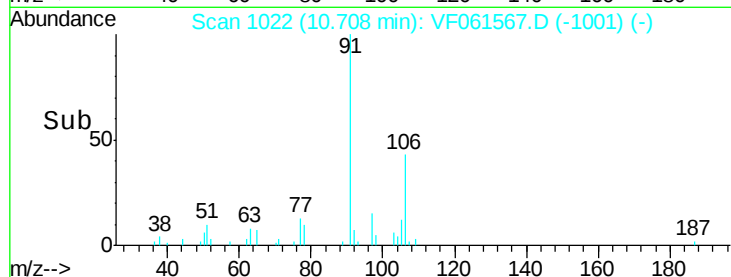
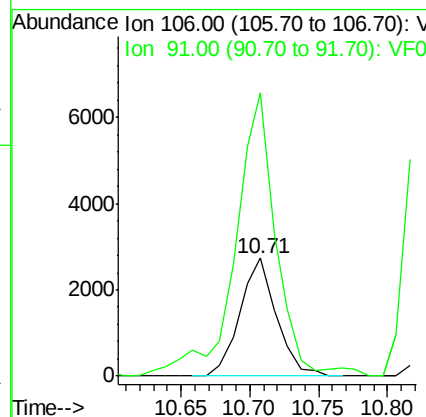
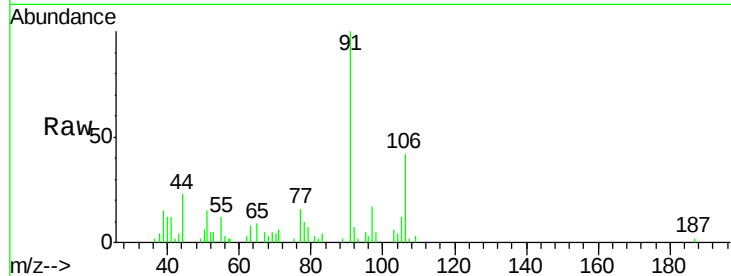
#69
o-Xylene
Concen: 1.507 ug/l
RT: 10.71 min Scan# 1022
Delta R.T. 0.00 min
Lab File: VF061567.D
Acq: 8 Feb 2019 19:43

Instrument :
MSVOA_F
ClientSampleId :
HOSPITAL-BOX-CULVERT-TP

Tot Ion:106 Resp: 5044
Ion Ratio Lower Upper
106 100
91 239.8 113.3 339.8

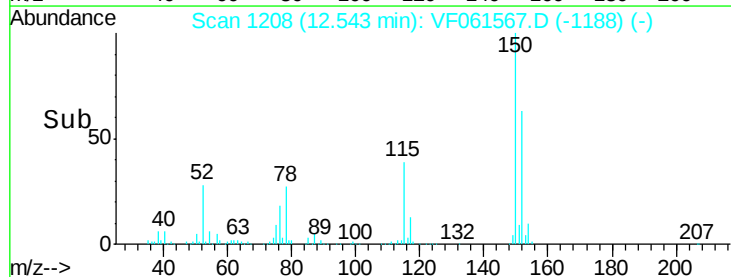
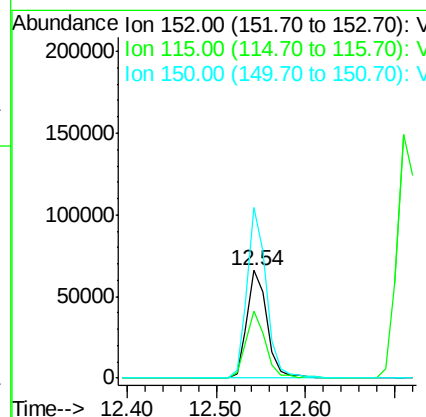
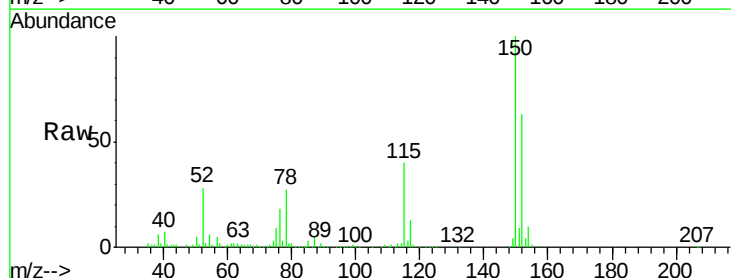
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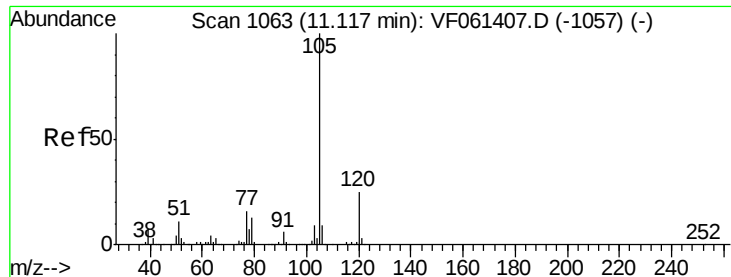
MMDadoda
2/12/2019 2:32:13 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF061567.D
Acq: 8 Feb 2019 19:43

Tgt Ion:152 Resp: 103872
Ion Ratio Lower Upper
152 100
115 62.9 30.0 90.0
150 158.7 0.0 321.4





#73

Isopropylbenzene

Concen: 2.236 ug/l

RT: 11.12 min Scan# 1064

Delta R.T. 0.00 min

Lab File: VF061567.D

Acq: 8 Feb 2019 19:43

Instrument :

MSVOA_F

ClientSampleId :

HOSPITAL-BOX-CULVERT-TP

Tot Ion:105 Resp: 18890

Ion Ratio Lower Upper

105 100

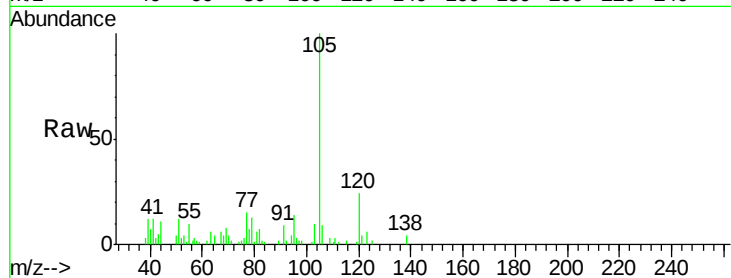
120 24.2 12.6 37.8

Manual Integrations

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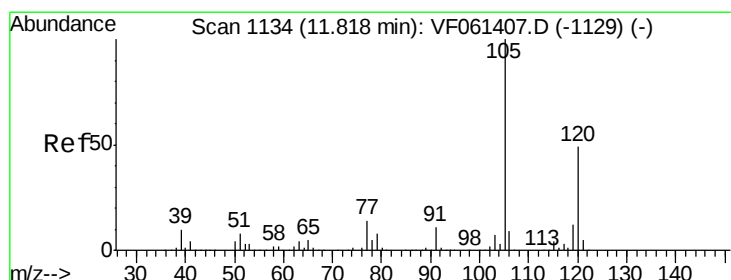
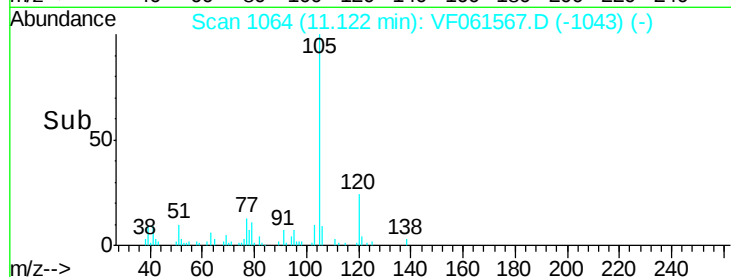


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.12

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 2.748 ug/l

RT: 11.81 min Scan# 1134

Delta R.T. -0.01 min

Lab File: VF061567.D

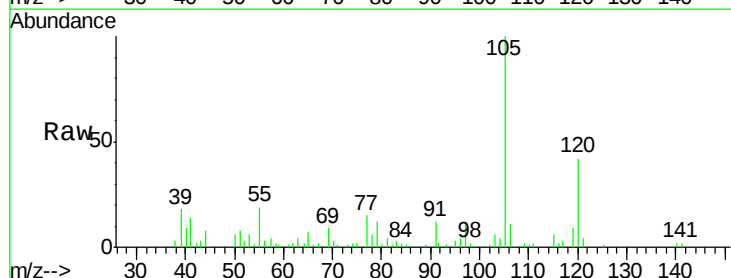
Acq: 8 Feb 2019 19:43

Tgt Ion:105 Resp: 18738

Ion Ratio Lower Upper

105 100

120 41.6 24.7 74.1

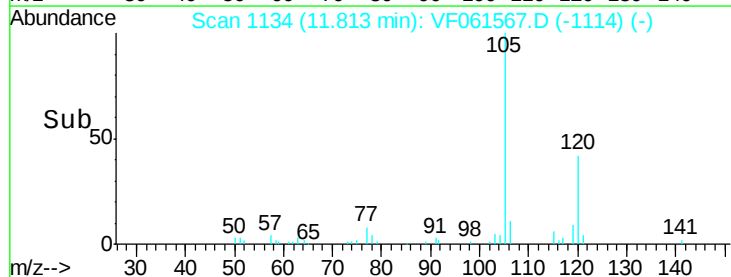


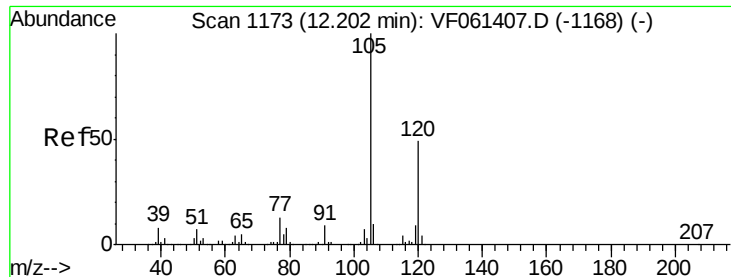
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.81

Time-->





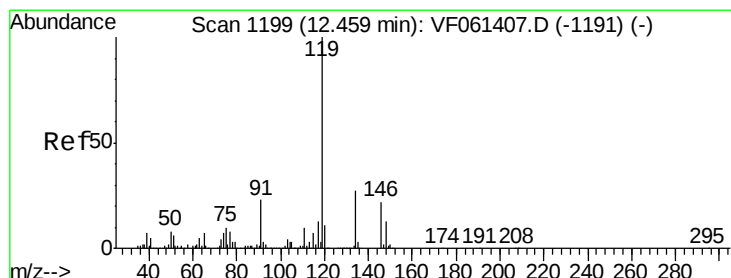
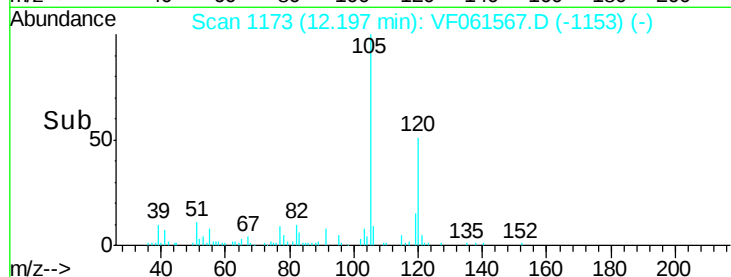
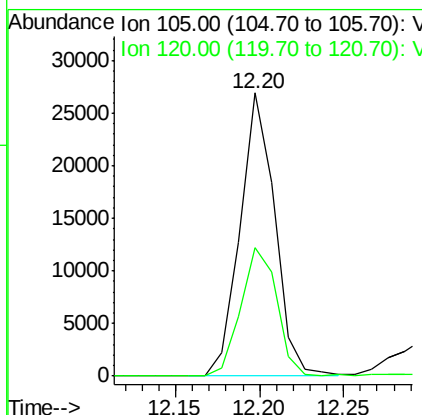
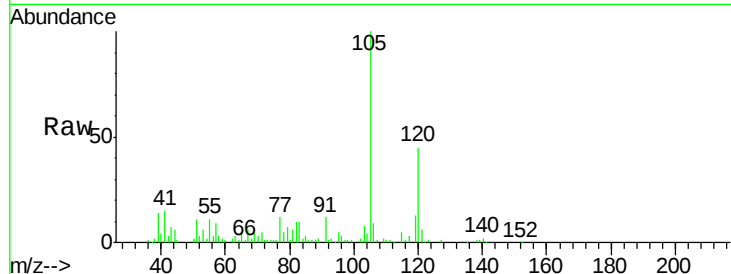
#84
 1,2,4-Trimethylbenzene
 Concen: 5.494 ug/l
 RT: 12.20 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: VF061567.D
 Acq: 8 Feb 2019 19:43

Instrument :
 MSVOA_F
 ClientSampleId :
 HOSPITAL-BOX-CULVERT-TP

Tot Ion	Ratio	Resp	Lower	Upper
105	100	38582		
120	45.3		24.9	74.6

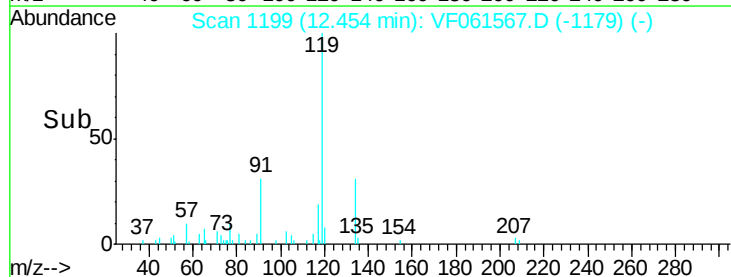
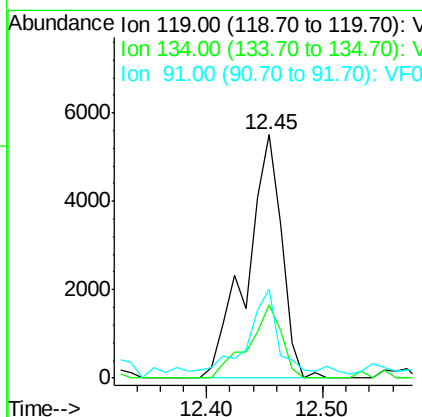
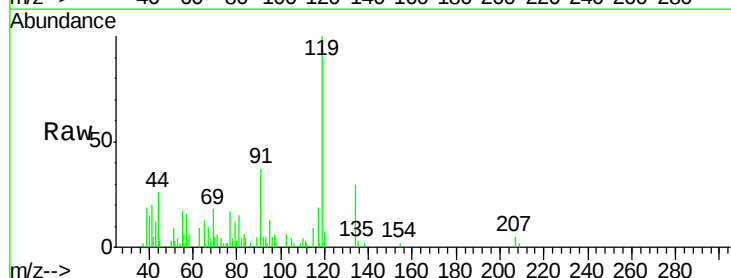
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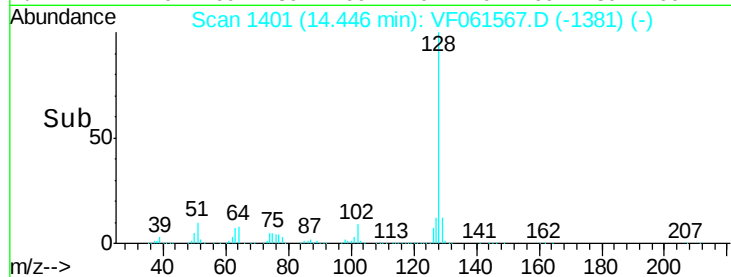
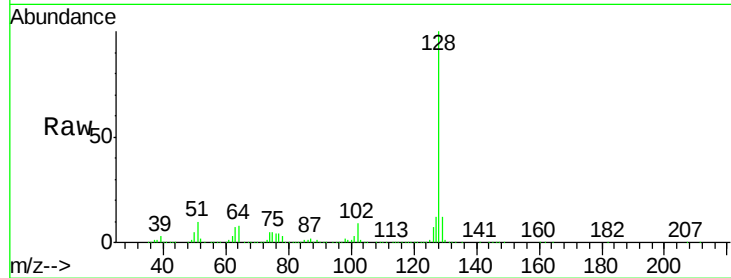
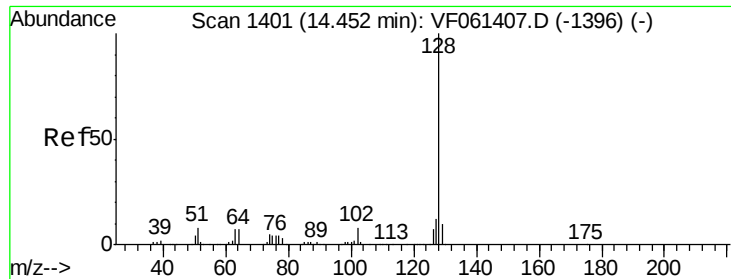
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 2/12/2019 2:32:13 AM



#86
 p-Isopropyltoluene
 Concen: 1.459 ug/l
 RT: 12.45 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: VF061567.D
 Acq: 8 Feb 2019 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	11474		
134	30.2		13.4	40.2
91	36.6		11.4	34.2#





#95
Naphthalene
Concen: 266.201 ug/l
RT: 14.45 min Scan# 1401
Delta R.T. -0.01 min
Lab File: VF061567.D
Acq: 8 Feb 2019 19:43

Instrument :
MSVOA_F
ClientSampleId :
HOSPITAL-BOX-CULVERT-TP

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.3	9.5	14.3
129	12.0	8.4	12.6

Manual Integrations
APPROVED

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2/12/2019 2:32:13 AM

