

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060619\
 Data File : VF062888.D
 Acq On : 6 Jun 2019 17:51
 Operator : FY/SY
 Sample : K3160-03
 Misc : 5.87g/5mL/MSVOA F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EO-02-060619-B

Manual Integrations
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 6/7/2019 4:04:11 PM

Quant Time: Jun 07 02:14:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	794035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.80	114	1355921	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	969950	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	362705	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.06	65	217994	39.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.40%	
35) Dibromofluoromethane	4.33	113	379956	37.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.16%	
50) Toluene-d8	7.73	98	772185	29.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.60%	
62) 4-Bromofluorobenzene	11.50	95	282883	30.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.70%	
Target Compounds						
					Qvalue	
16) Acetone	2.37	43	107712	85.709	ug/l	97
68) m/p-Xylenes	10.27	106	21680	1.763	ug/l #	63
69) o-Xylene	10.83	106	39703	3.188	ug/l	76
78) n-propylbenzene	11.68	91	84823	2.776	ug/l	92
80) 1,3,5-Trimethylbenzene	11.91	105	125577	6.067	ug/l	88
84) 1,2,4-Trimethylbenzene	12.28	105	277882	14.161	ug/l	91
85) sec-Butylbenzene	12.38	105	54739	2.026	ug/l	99
89) n-Butylbenzene	12.90	91	132686	5.864	ug/l	81
95) Naphthalene	14.50	128	233335	21.044	ug/l #	94

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

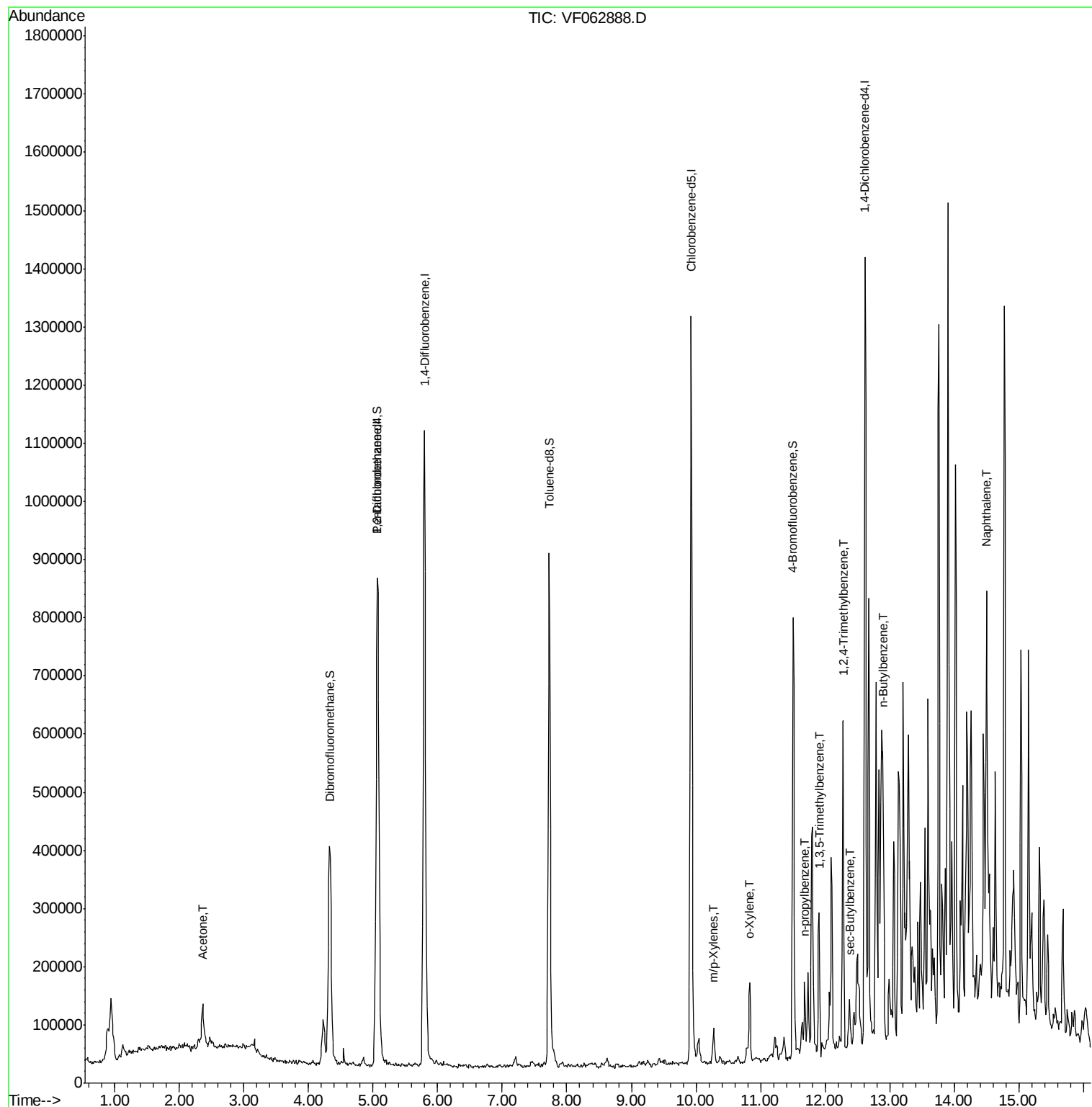
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF060619\
Data File : VF062888.D
Acq On : 6 Jun 2019 17:51
Operator : FY/SY
Sample : K3160-03
Misc : 5.87g/5mL/MSVOA F/SOIL
ALS Vial : 16 Sample Multiplier: 1

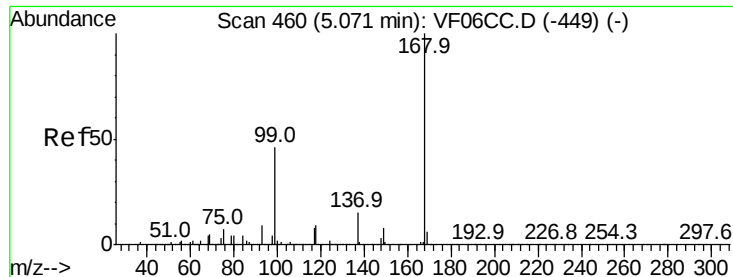
Instrument :
MSVOA_F
ClientSampleId :
EO-02-060619-B

Manual Integrations
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Quant Time: Jun 07 02:14:04 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 04:18:30 2019
Response via : Initial Calibration





#1

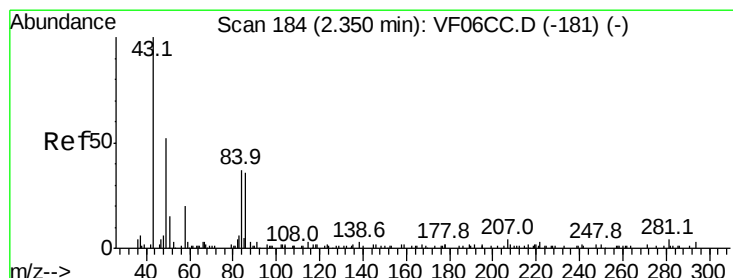
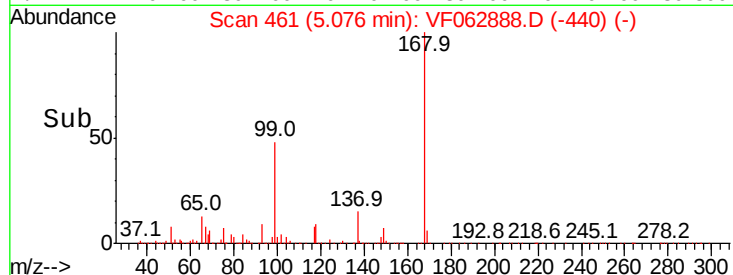
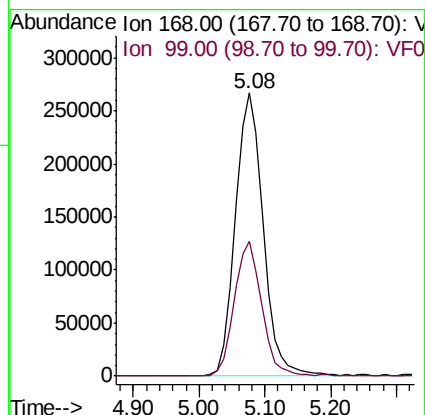
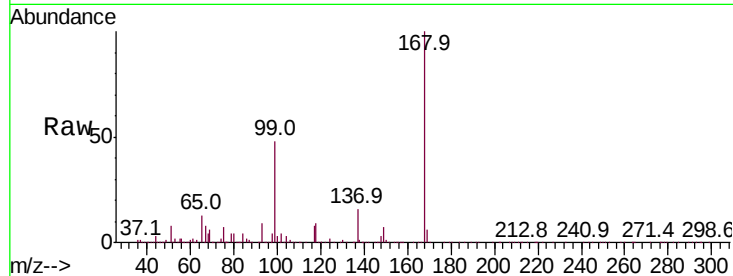
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.08 min Scan# 461
Delta R.T. 0.00 min
Lab File: VF062888.D
Acq: 6 Jun 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :
EO-02-060619-B

Tot Ion	Ratio	Resp	Lower	Upper
168	100	794035		
99	47.7	39.1	58.7	

Manual Integrations
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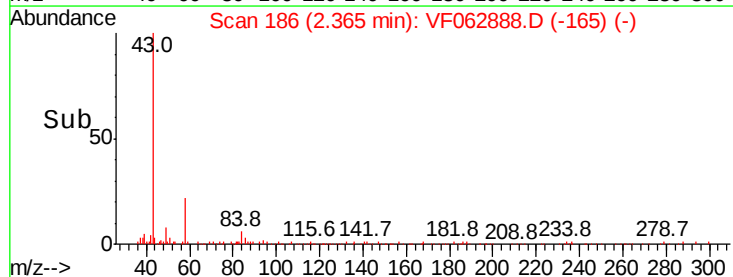
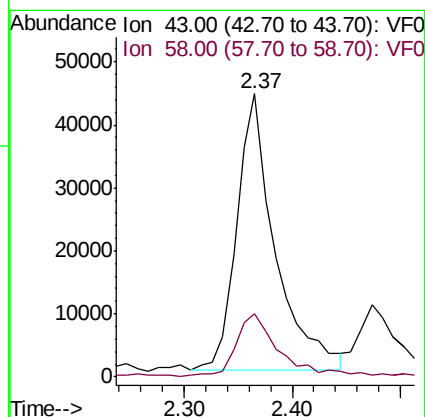
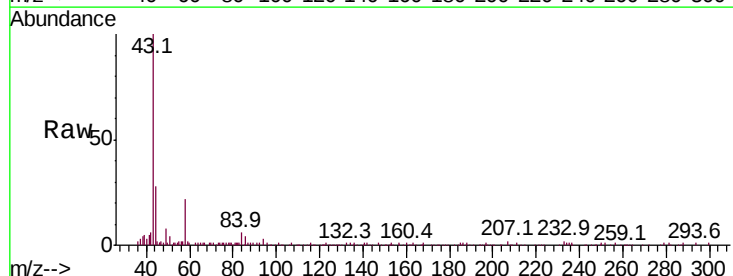
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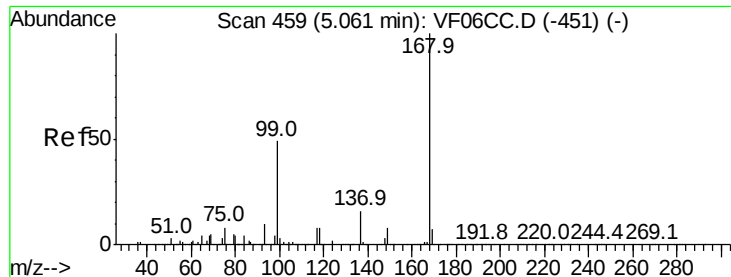


#16

Acetone
Concen: 85.709 ug/l
RT: 2.37 min Scan# 186
Delta R.T. 0.00 min
Lab File: VF062888.D
Acq: 6 Jun 2019 17:51

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	107712		
58	22.3	19.0	28.4	





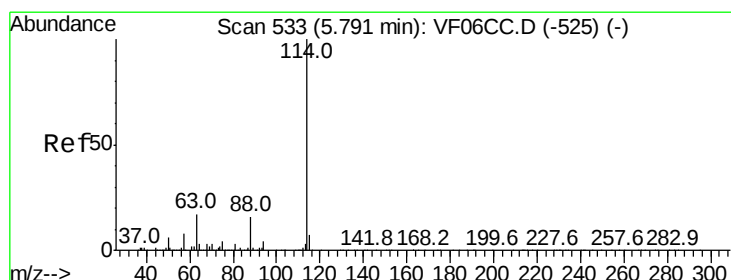
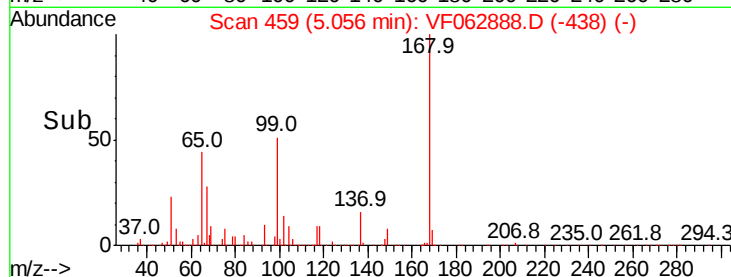
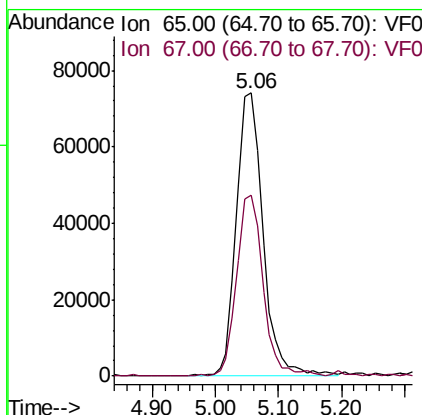
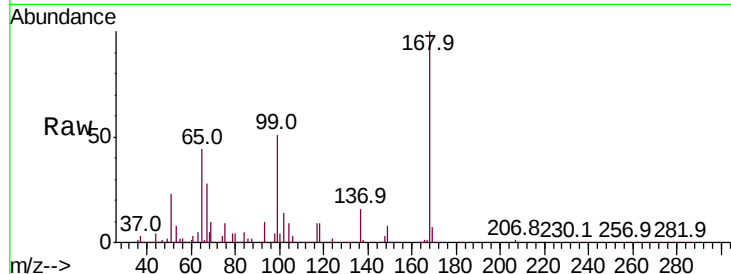
#33
 1,2-Dichloroethane-d4
 Concen: 39.702 ug/l
 RT: 5.06 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VF062888.D
 Acq: 6 Jun 2019 17:51

Instrument :
 MSVOA_F
 ClientSampleId :
 EO-02-060619-B

Tot Ion	Ratio	Resp	Lower	Upper
65	100	217994		
67	63.9	0.0	121.2	

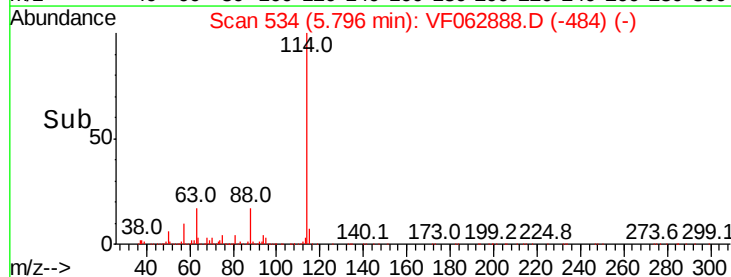
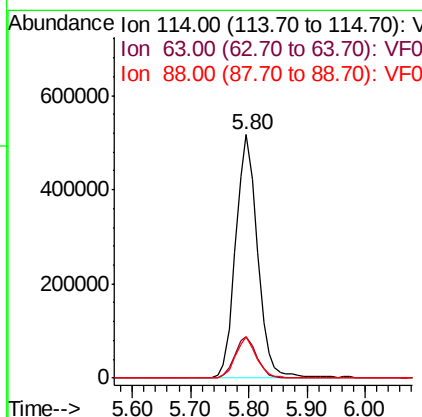
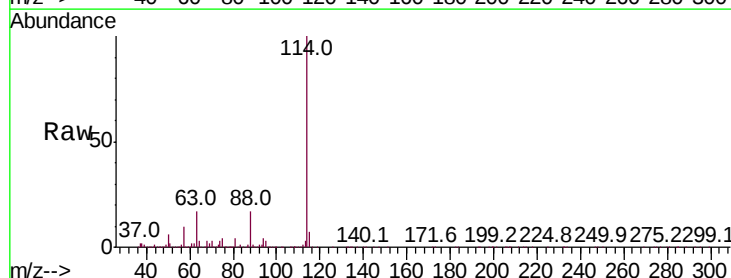
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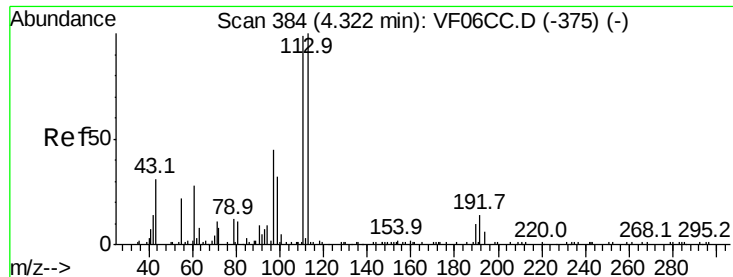
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.80 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: VF062888.D
 Acq: 6 Jun 2019 17:51

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1355921		
63	16.8	0.0	34.2	
88	17.1	0.0	31.2	





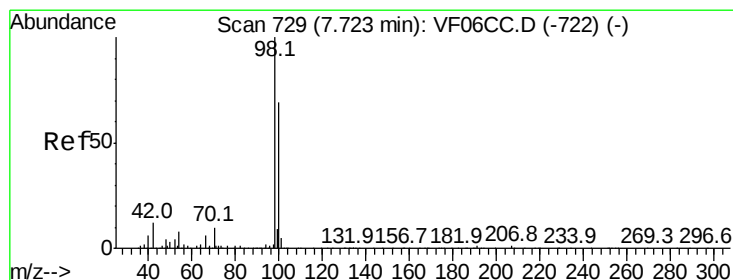
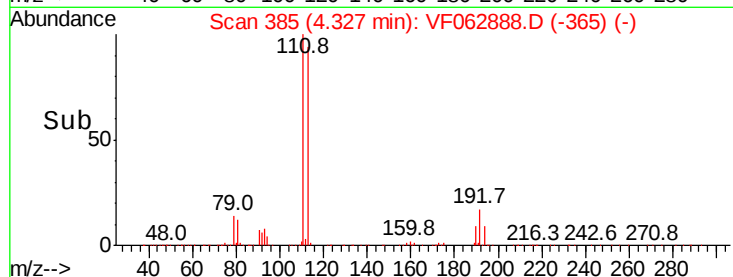
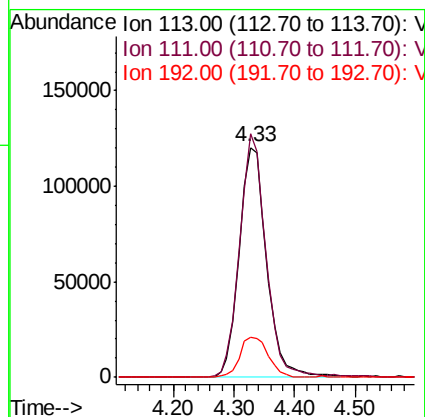
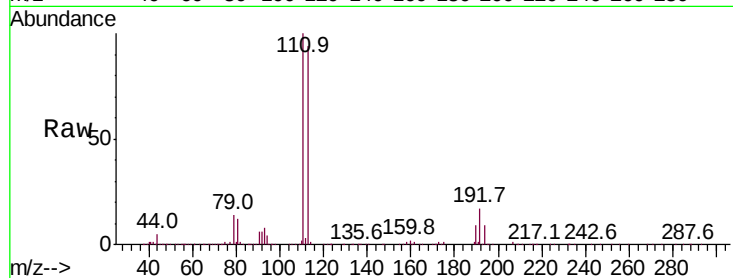
#35
Dibromofluoromethane
Concen: 37.083 ug/l
RT: 4.33 min Scan# 385
Delta R.T. -0.01 min
Lab File: VF062888.D
Acq: 6 Jun 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :
EO-02-060619-B

Tot Ion	Ratio	Lower	Upper
113	100		
111	106.1	81.9	122.9
192	17.5	15.1	22.7

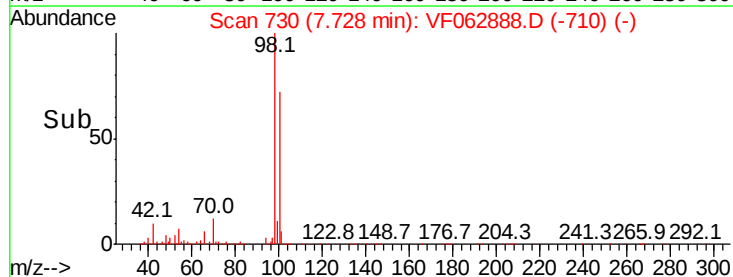
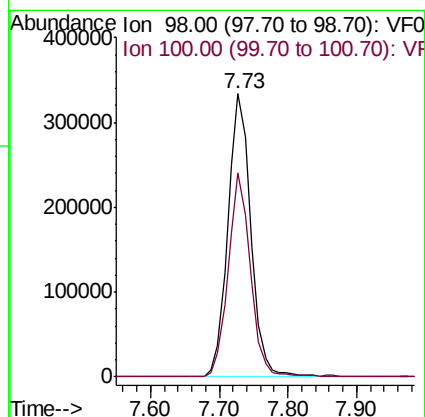
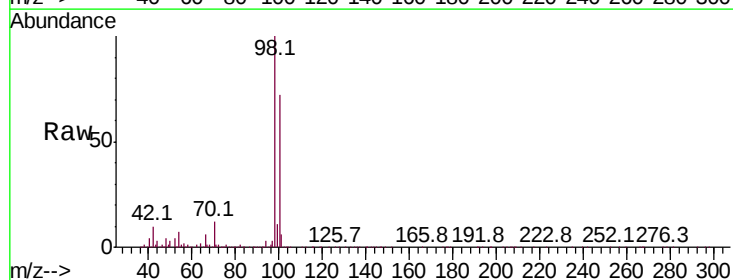
Manual Integrations
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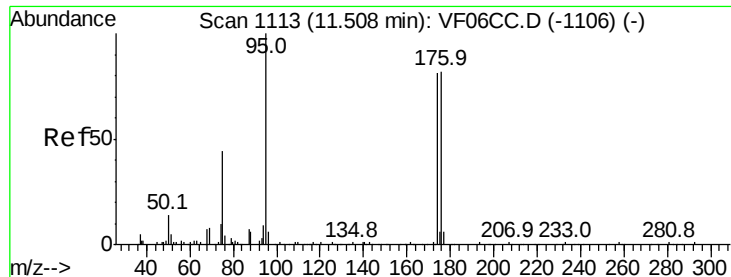
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#50
Toluene-d8
Concen: 29.803 ug/l
RT: 7.73 min Scan# 730
Delta R.T. -0.01 min
Lab File: VF062888.D
Acq: 6 Jun 2019 17:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	72.0	59.8	89.8





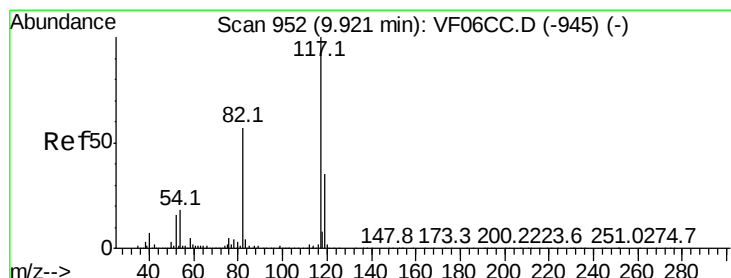
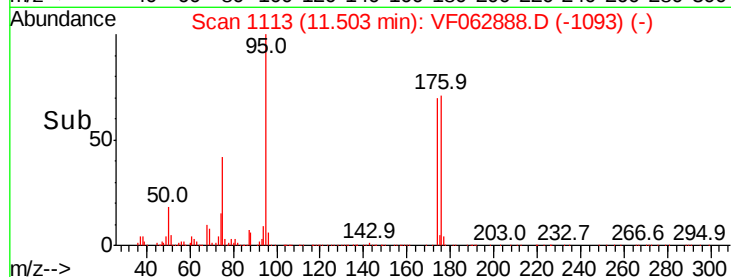
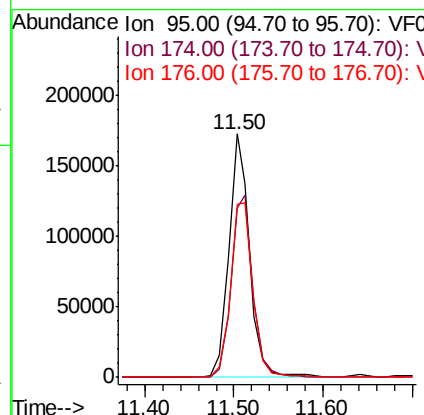
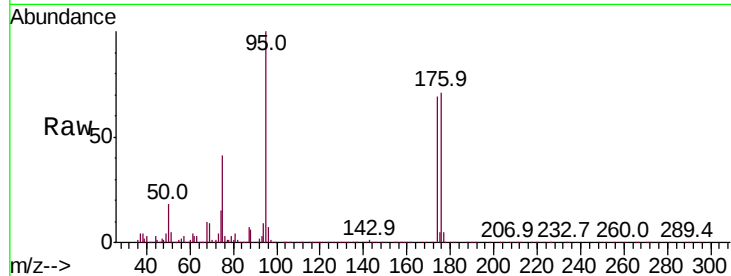
#62
4-Bromofluorobenzene
Concen: 30.352 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF062888.D
Acq: 6 Jun 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :
EO-02-060619-B

Tot Ion	Ratio	Resp	Lower	Upper
95	100	282883		
174	69.5	0.0	170.6	
176	71.3	0.0	170.6	

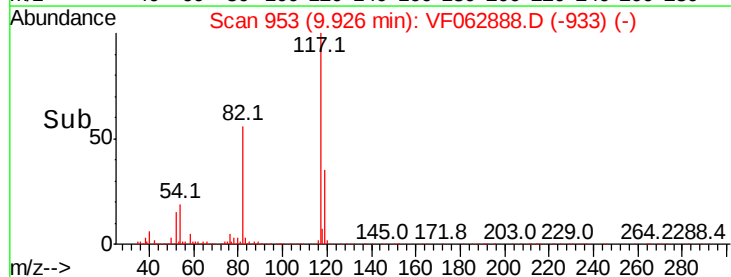
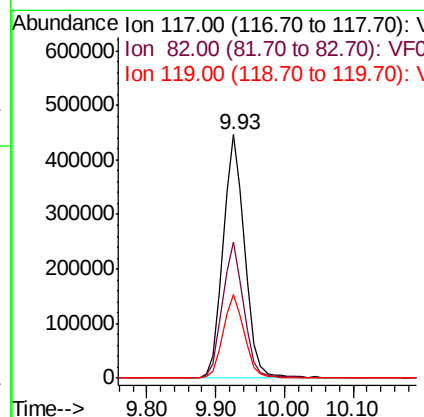
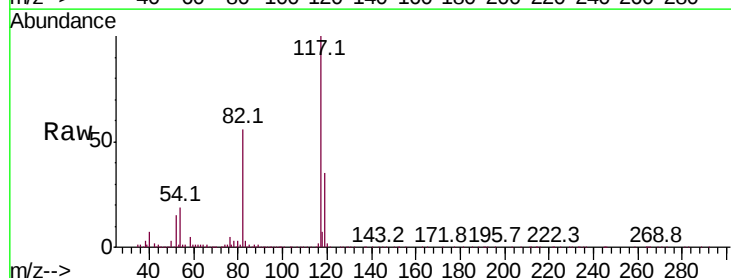
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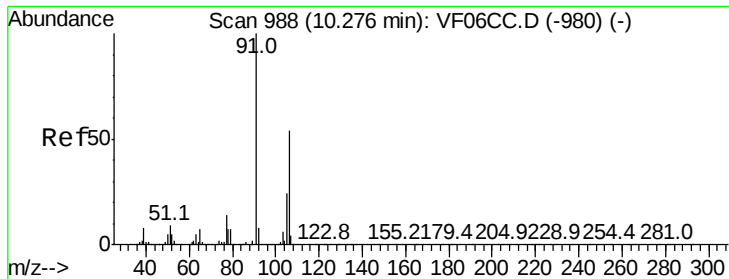
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. -0.01 min
Lab File: VF062888.D
Acq: 6 Jun 2019 17:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	969950		
82	55.6	42.4	63.6	
119	34.6	27.1	40.7	





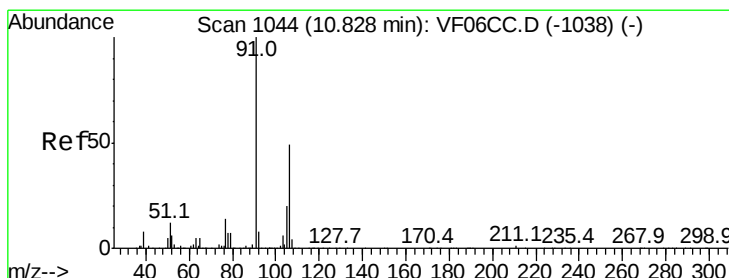
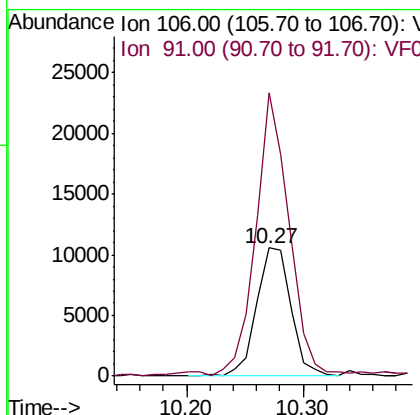
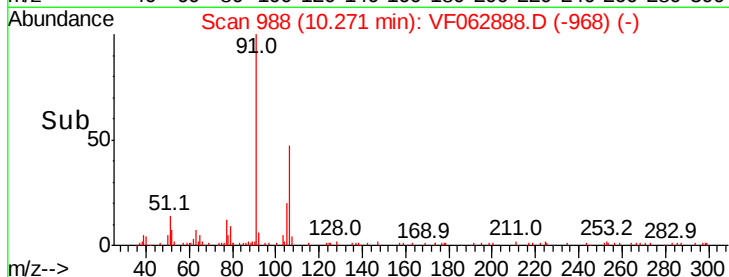
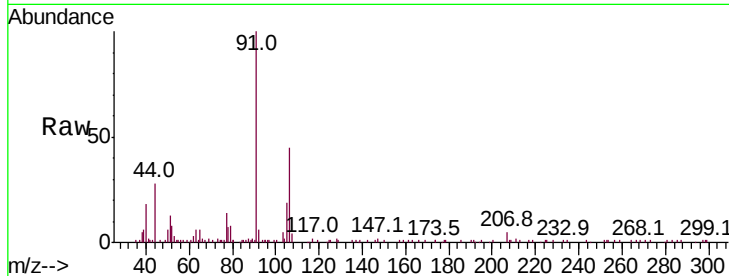
#68
m/p-Xylenes
Concen: 1.763 ug/l
RT: 10.27 min Scan# 988
Delta R.T. -0.01 min
Lab File: VF062888.D
Acq: 6 Jun 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :
EO-02-060619-B

Tot Ion:106 Resp: 21680
Ion Ratio Lower Upper
106 100
91 221.0 136.2 204.4#

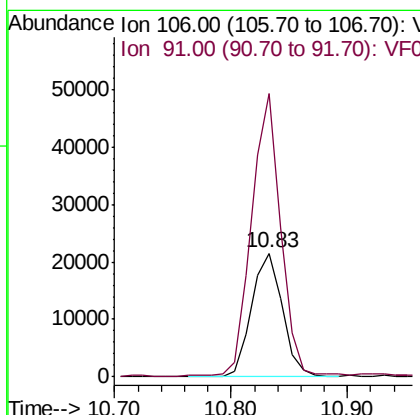
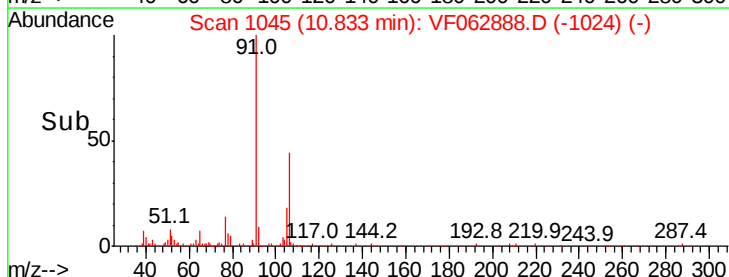
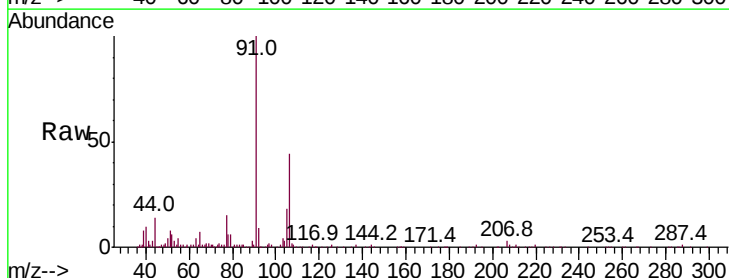
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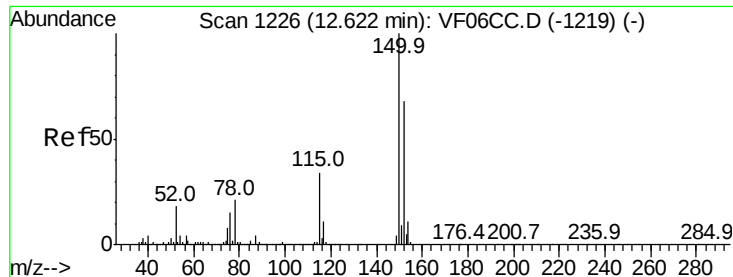
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#69
o-Xylene
Concen: 3.188 ug/l
RT: 10.83 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VF062888.D
Acq: 6 Jun 2019 17:51

Tgt Ion:106 Resp: 39703
Ion Ratio Lower Upper
106 100
91 228.9 96.6 289.8





#72

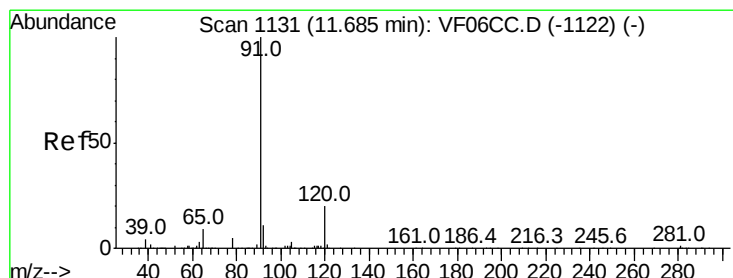
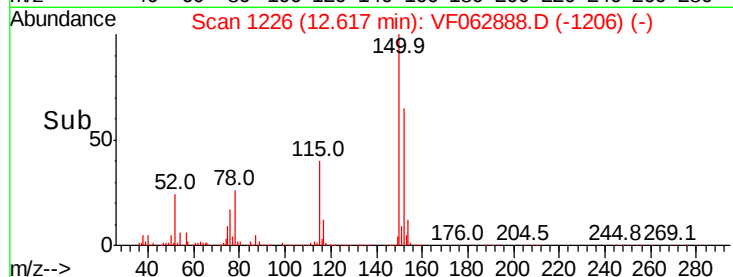
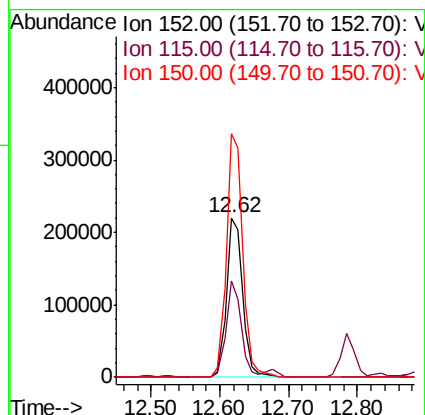
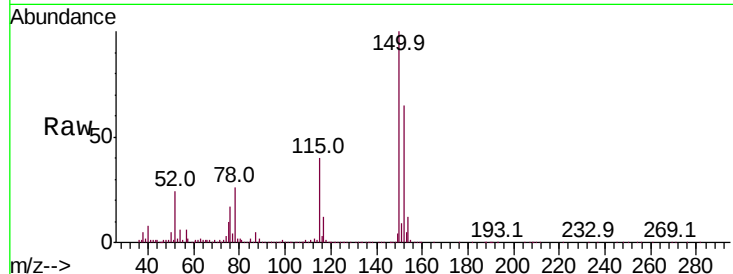
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.01 min
Lab File: VF062888.D
Acq: 6 Jun 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :
EO-02-060619-B

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.8	24.6	74.0
150	152.7	0.0	290.6

Manual Integrations
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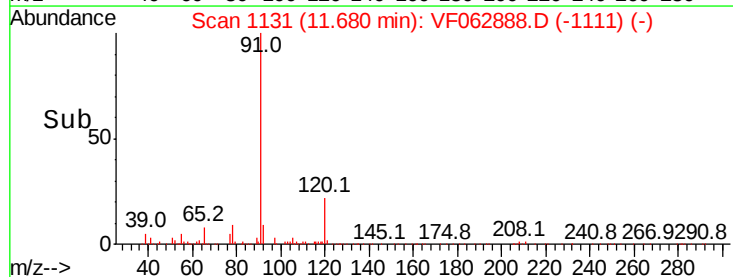
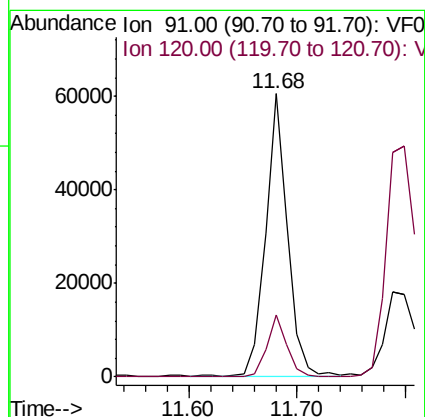
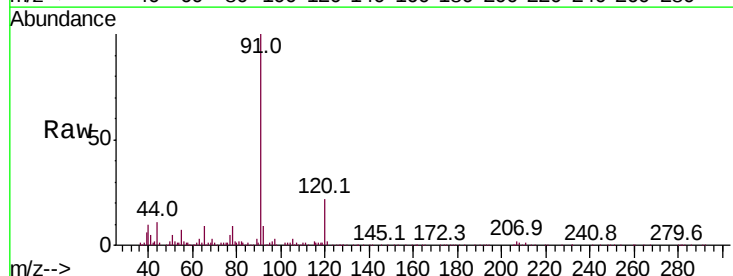
MMDadoda
6/7/2019 4:04:11 PM

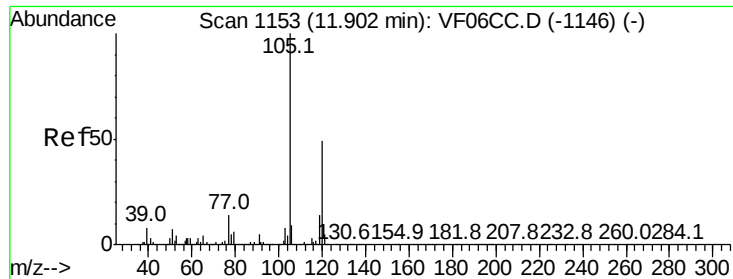


#78

n-propylbenzene
Concen: 2.776 ug/l
RT: 11.68 min Scan# 1131
Delta R.T. -0.01 min
Lab File: VF062888.D
Acq: 6 Jun 2019 17:51

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.8	12.8	38.4





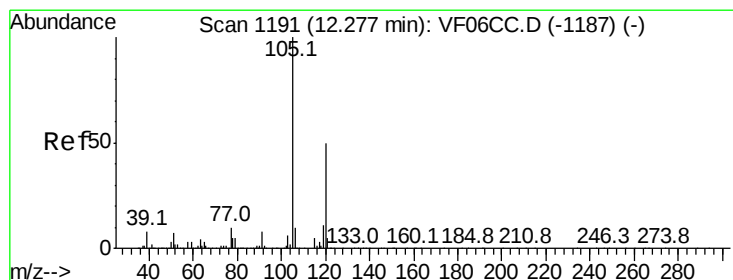
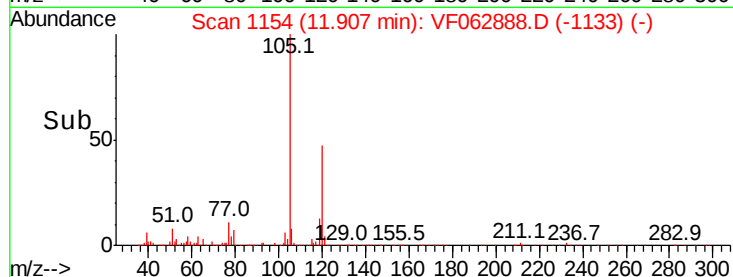
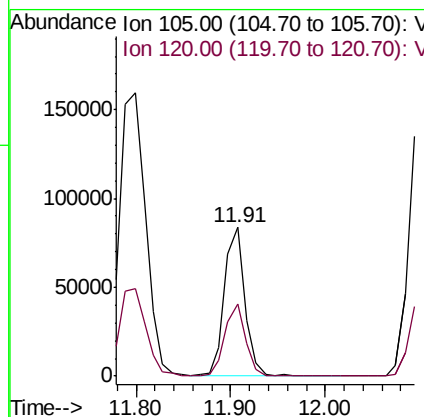
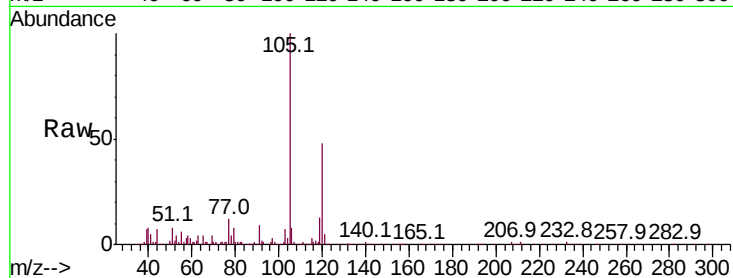
#80
 1,3,5-Trimethylbenzene
 Concen: 6.067 ug/l
 RT: 11.91 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VF062888.D
 Acq: 6 Jun 2019 17:51

Instrument :
 MSVOA_F
 ClientSampleId :
 EO-02-060619-B

Tot Ion	Ratio	Lower	Upper
105	100		
120	48.4	28.7	86.1

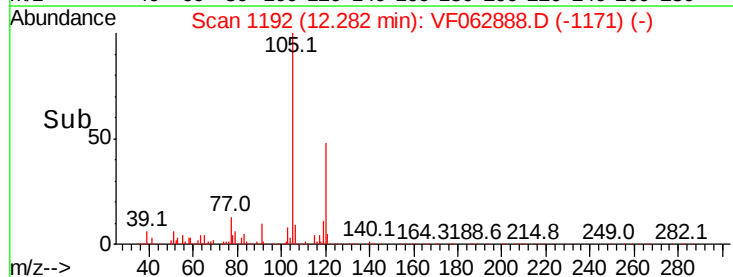
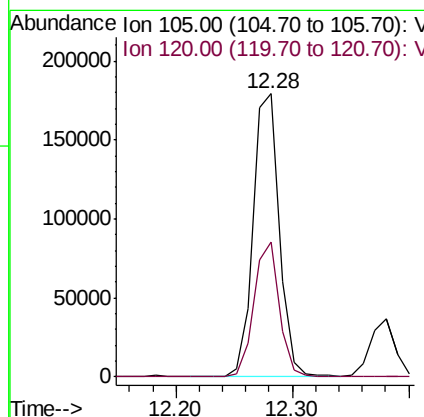
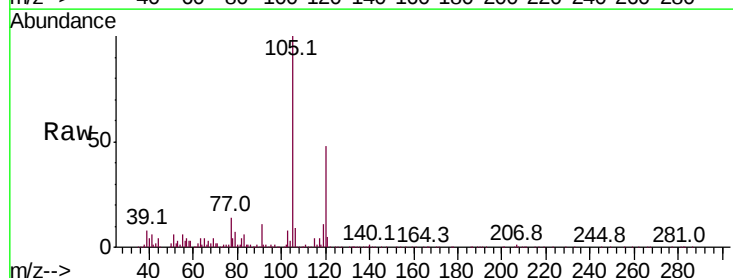
Manual Integrations
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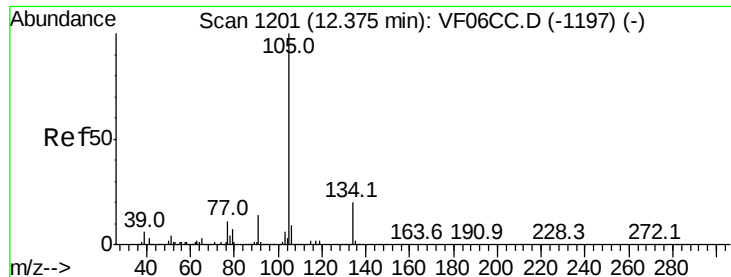
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#84
 1,2,4-Trimethylbenzene
 Concen: 14.161 ug/l
 RT: 12.28 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: VF062888.D
 Acq: 6 Jun 2019 17:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.5	27.1	81.3





#85

sec-Butylbenzene

Concen: 2.026 ug/l

RT: 12.38 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VF062888.D

Acq: 6 Jun 2019 17:51

Instrument :

MSVOA_F

ClientSampleId :

EO-02-060619-B

Tot Ion:105 Resp: 54739

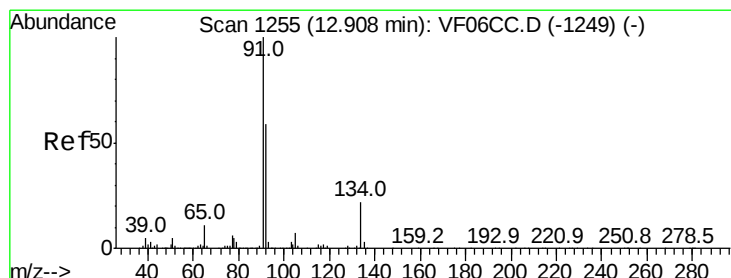
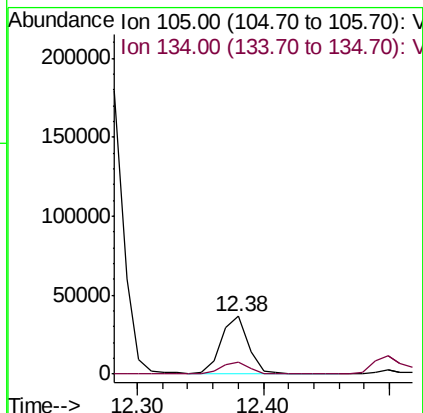
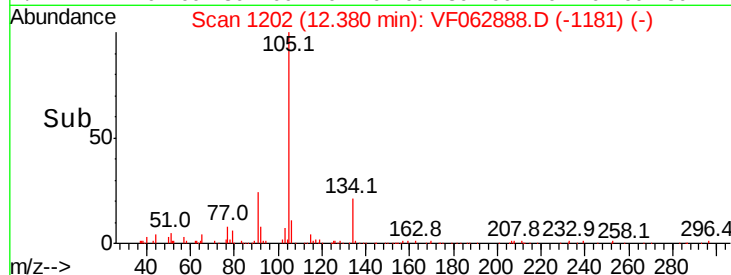
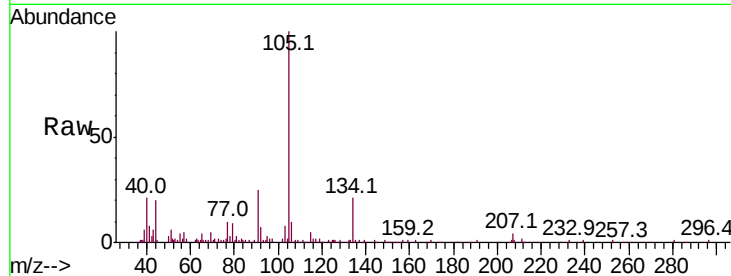
Ion Ratio Lower Upper

105 100

134 20.5 10.5 31.6

Manual Integrations
APPROVED

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6/7/2019 4:04:11 PM



#89

n-Butylbenzene

Concen: 5.864 ug/l

RT: 12.90 min Scan# 1255

Delta R.T. -0.01 min

Lab File: VF062888.D

Acq: 6 Jun 2019 17:51

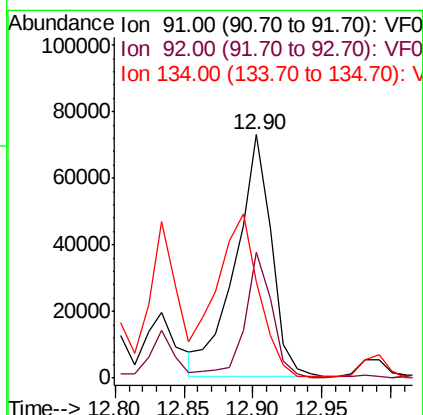
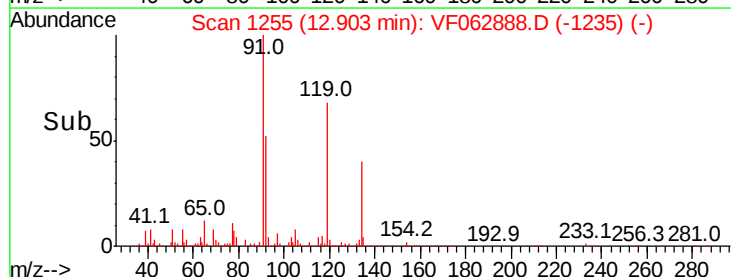
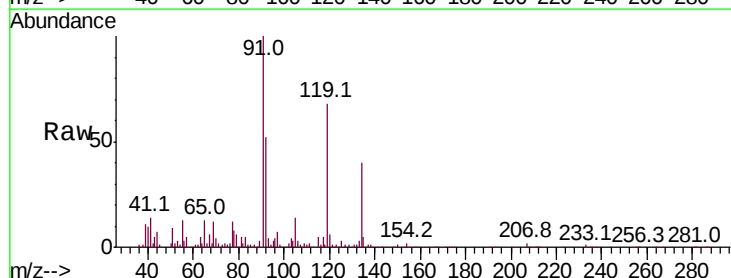
Tgt Ion: 91 Resp: 132686

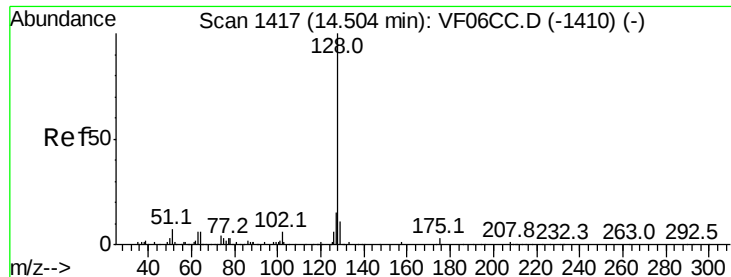
Ion Ratio Lower Upper

91 100

92 51.8 34.2 102.6

134 39.8 15.8 47.3





#95
Naphthalene
Concen: 21.044 ug/l
RT: 14.50 min Scan# 1417
Delta R.T. -0.01 min
Lab File: VF062888.D
Acq: 6 Jun 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :
EO-02-060619-B

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	12.7	9.7	14.5
129	15.8	9.4	14.2#

Manual Integrations
APPROVED

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