

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060719\
 Data File : VF062899.D
 Acq On : 7 Jun 2019 14:50
 Operator : FY/SY
 Sample : K3160-03RE
 Misc : 6.59g/5mL/MSVOA F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations
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 6/10/2019 12:25:43 PM

Quant Time: Jun 08 01:19:30 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	5.07	168	677985	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.79	114	1181567	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.92	117	761106	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	294421	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	166504	35.51	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	71.02%	
35) Dibromofluoromethane	4.32	113	311617	34.90	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	69.80%	
50) Toluene-d8	7.72	98	585810	25.95	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	51.90%	
62) 4-Bromofluorobenzene	11.49	95	182828	22.51	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	45.02%	
Target Compounds						
					Qvalue	
16) Acetone	2.36	43	35690	33.260	ug/l	95
52) Toluene	7.79	92	19133	1.122	ug/l	92
69) o-Xylene	10.82	106	28241	2.890	ug/l	86
78) n-propylbenzene	11.67	91	50710	2.044	ug/l	92
80) 1,3,5-Trimethylbenzene	11.90	105	86365	5.141	ug/l	85
84) 1,2,4-Trimethylbenzene	12.27	105	79309	4.979	ug/l	95
85) sec-Butylbenzene	12.37	105	35543	1.620	ug/l	89
86) p-Isopropyltoluene	12.52	119	21142m	1.158	ug/l	
89) n-Butylbenzene	12.89	91	79398	4.323	ug/l #	62
95) Naphthalene	14.50	128	99344	11.038	ug/l #	73

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

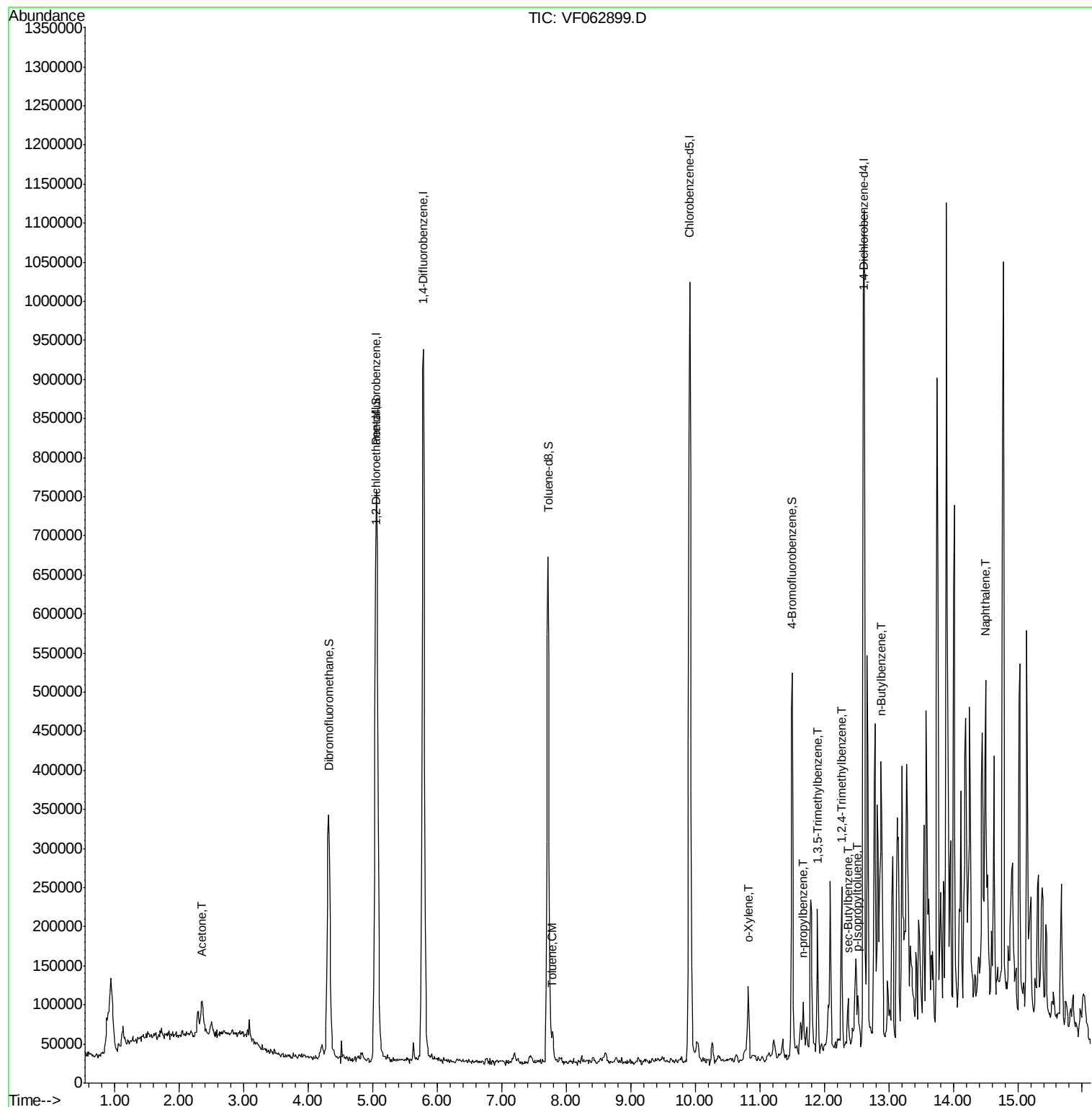
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF060719\
Data File : VF062899.D
Acq On : 7 Jun 2019 14:50
Operator : FY/SY
Sample : K3160-03RE
Misc : 6.59g/5mL/MSVOA F/SOIL
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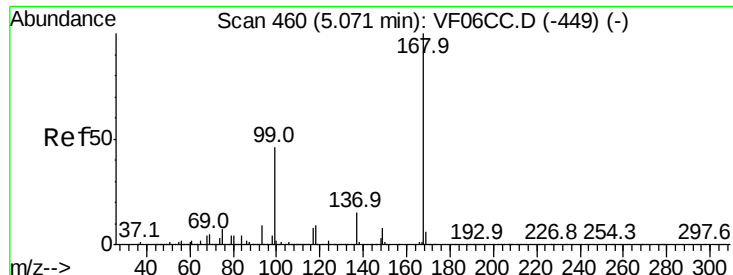
Instrument :
MSVOA_F
ClientSampleId :
EO-02-060619-BRE

Manual Integrations
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Quant Time: Jun 08 01:19:30 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: 5.07 min Scan# 460

Delta R.T. -0.01 min

Lab File: VF062899.D

Acq: 7 Jun 2019 14:50

Instrument :

MSVOA_F

ClientSampleId :

EO-02-060619-BRE

Tot Ion:168 Resp: 677985

Ion Ratio Lower Upper

168 100

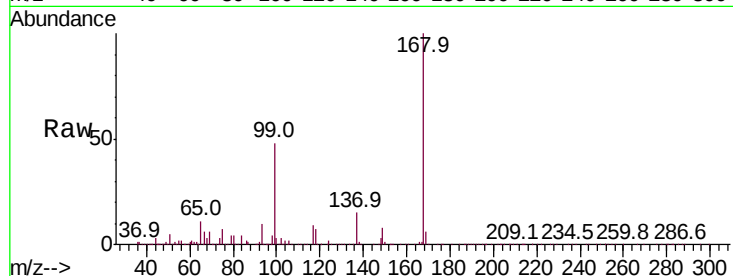
99 48.1 39.1 58.7

Manual Integrations

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.07

250000

200000

150000

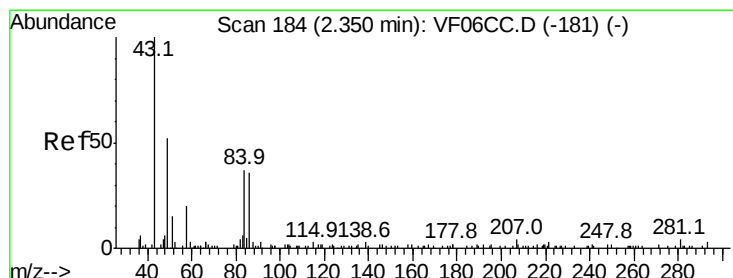
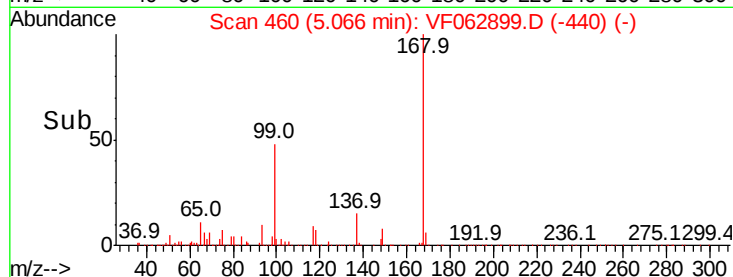
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50000

0

Time-->

4.90 5.00 5.10 5.20



#16

Acetone

Concen: 33.260 ug/l

RT: 2.36 min Scan# 185

Delta R.T. -0.01 min

Lab File: VF062899.D

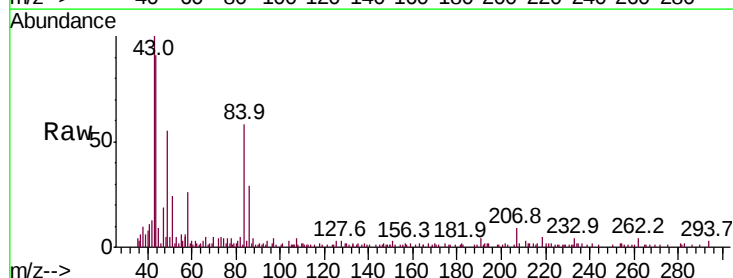
Acq: 7 Jun 2019 14:50

Tgt Ion: 43 Resp: 35690

Ion Ratio Lower Upper

43 100

58 26.0 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

15000

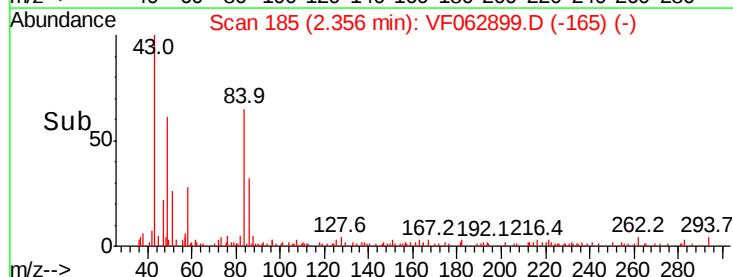
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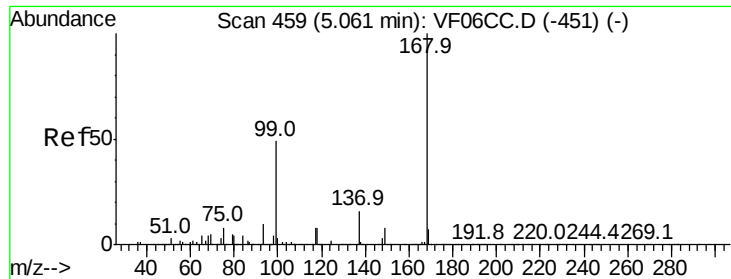
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Time-->

2.30 2.40





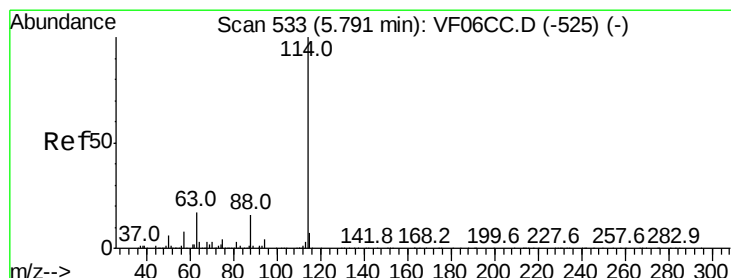
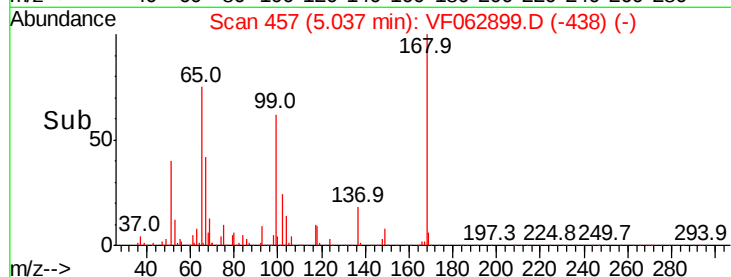
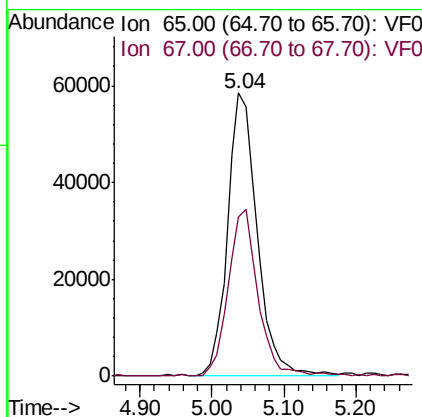
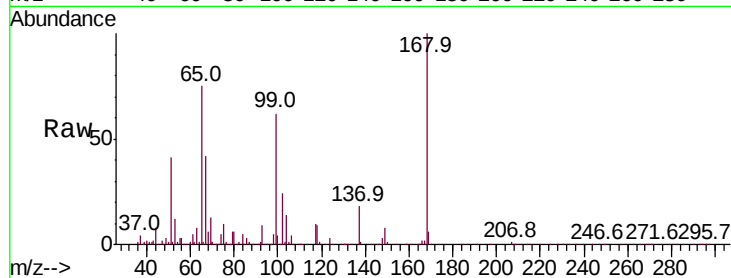
#33
 1,2-Dichloroethane-d4
 Concen: 35.515 ug/l
 RT: 5.04 min Scan# 457
 Delta R.T. -0.02 min
 Lab File: VF062899.D
 Acq: 7 Jun 2019 14:50

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

Tot Ion	Ratio	Resp	Lower	Upper
65	100	166504		
67	56.2	0.0	121.2	

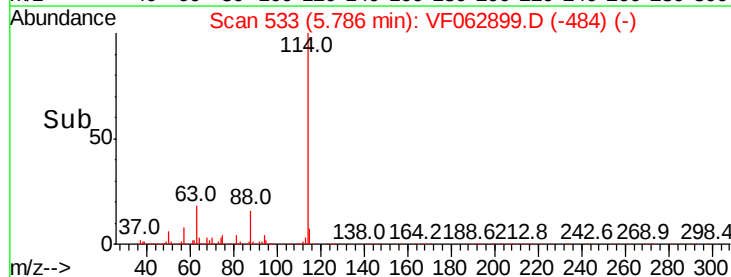
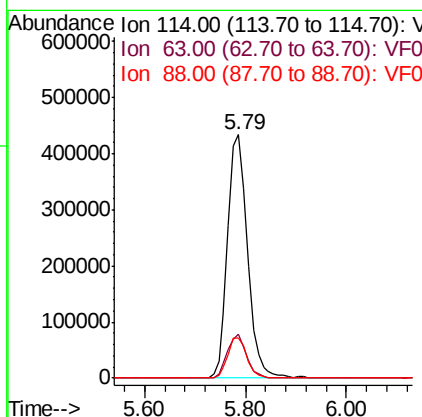
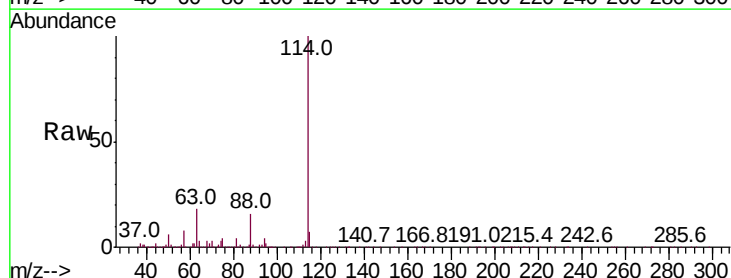
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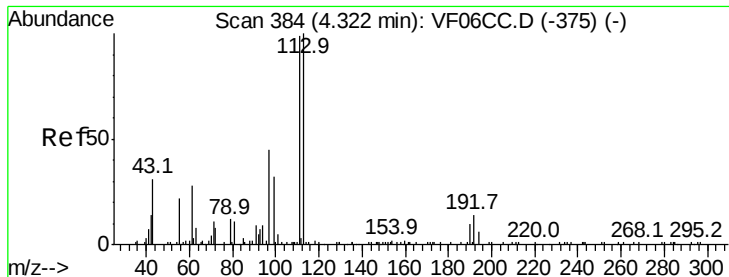
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.79 min Scan# 533
 Delta R.T. -0.02 min
 Lab File: VF062899.D
 Acq: 7 Jun 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1181567		
63	18.1	0.0	34.2	
88	16.3	0.0	31.2	





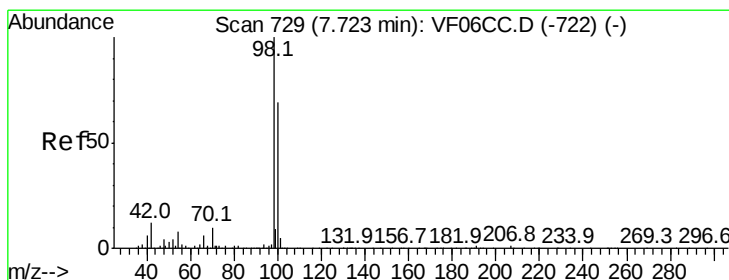
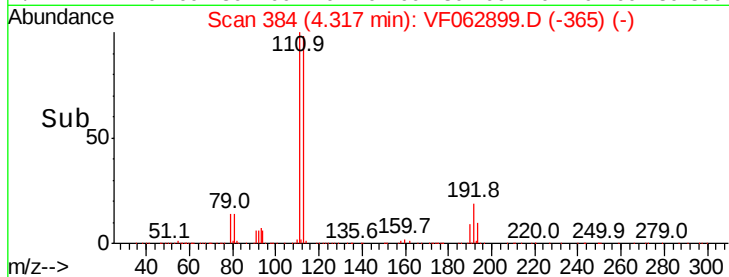
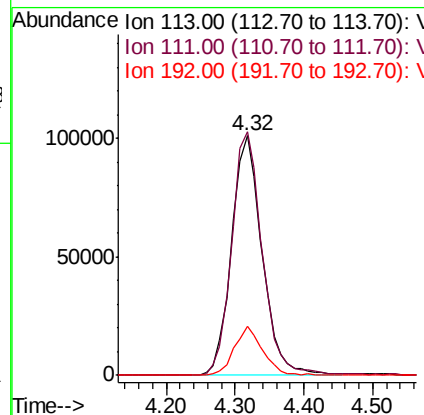
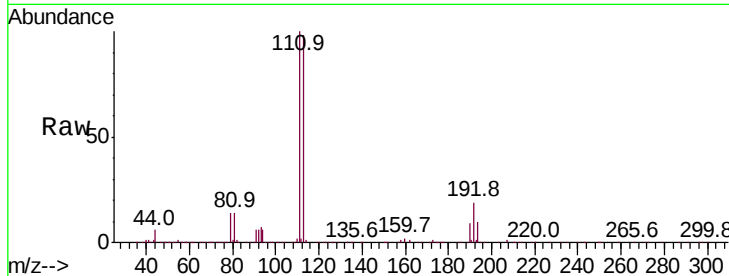
#35
Dibromofluoromethane
Concen: 34.901 ug/l
RT: 4.32 min Scan# 384
Delta R.T. -0.02 min
Lab File: VF062899.D
Acq: 7 Jun 2019 14:50

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

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.9	122.9
192	20.4	15.1	22.7

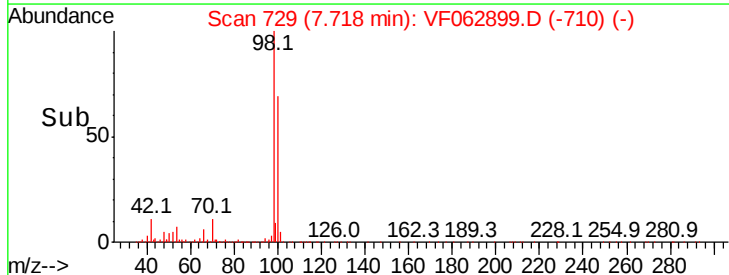
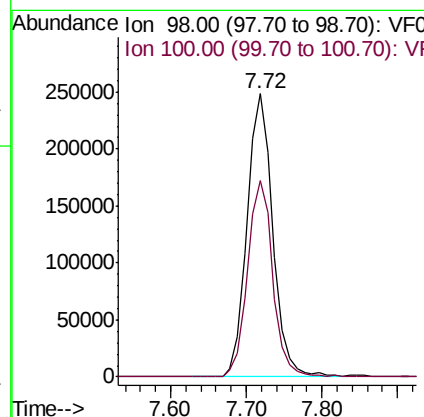
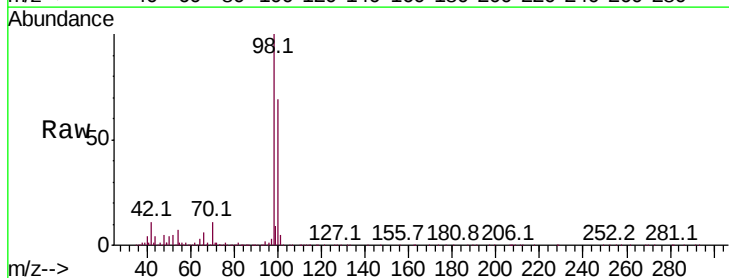
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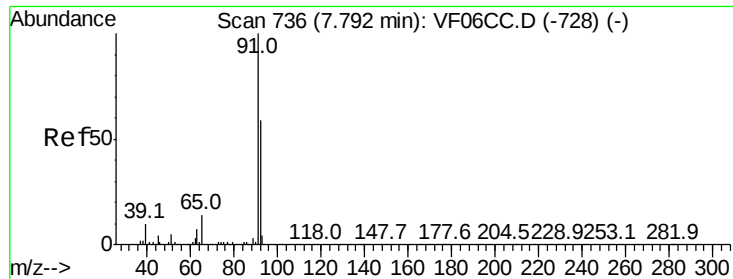
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#50
Toluene-d8
Concen: 25.946 ug/l
RT: 7.72 min Scan# 729
Delta R.T. -0.02 min
Lab File: VF062899.D
Acq: 7 Jun 2019 14:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	69.2	59.8	89.8





#52

Toluene

Concen: 1.122 ug/l

RT: 7.79 min Scan# 736

Delta R.T. -0.02 min

Lab File: VF062899.D

Acq: 7 Jun 2019 14:50

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

Tot Ion: 92 Resp: 19133

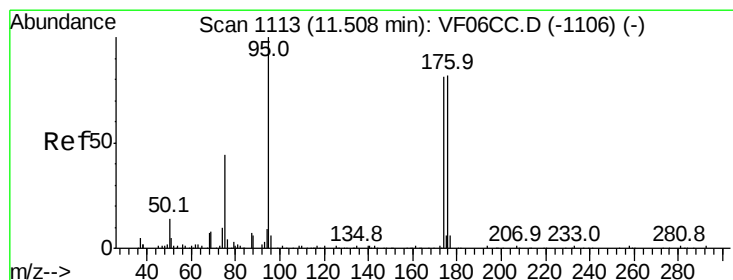
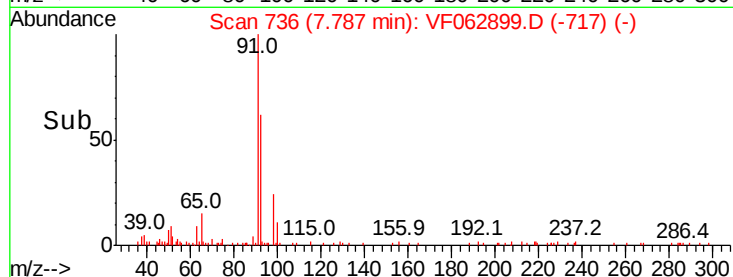
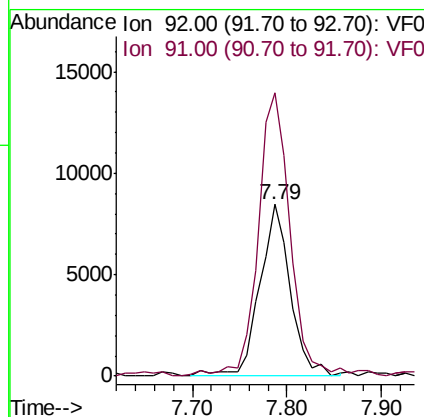
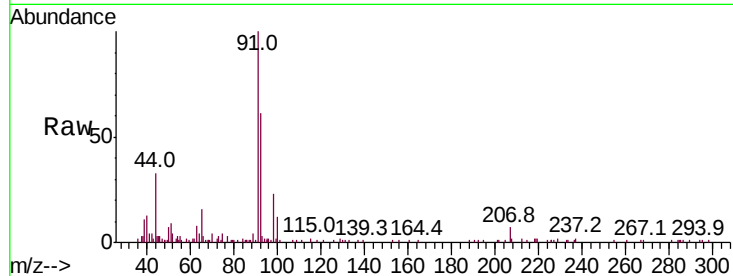
Ion Ratio Lower Upper

92 100

91 164.7 123.2 184.8

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 22.511 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. -0.02 min

Lab File: VF062899.D

Acq: 7 Jun 2019 14:50

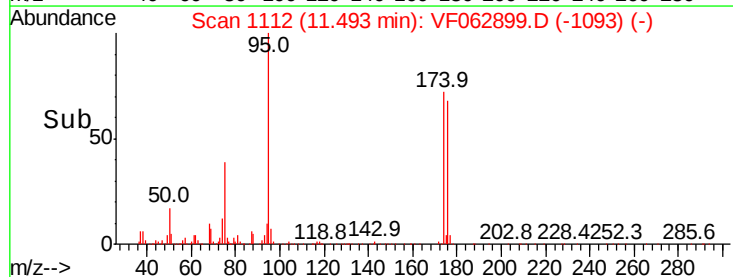
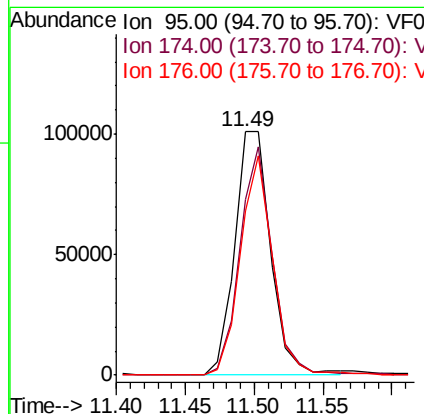
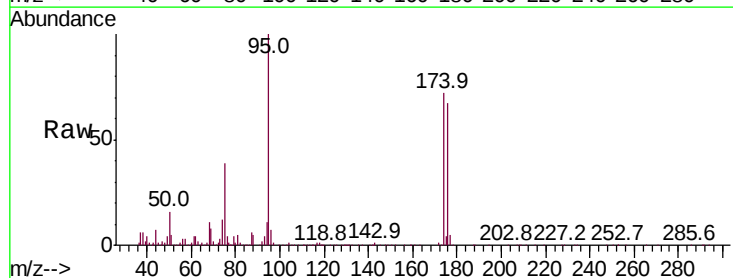
Tgt Ion: 95 Resp: 182828

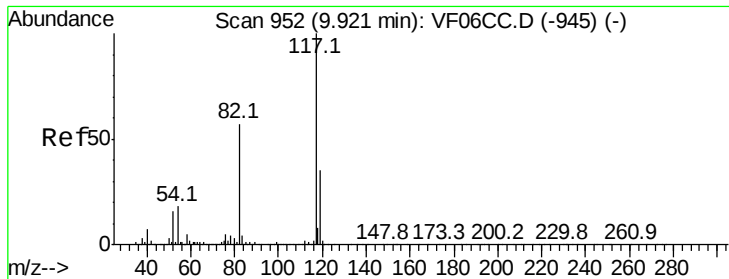
Ion Ratio Lower Upper

95 100

174 72.2 0.0 170.6

176 67.4 0.0 170.6





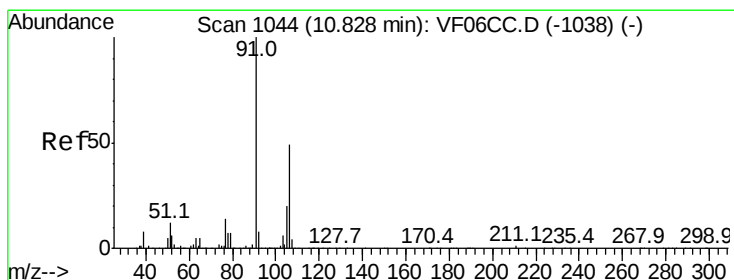
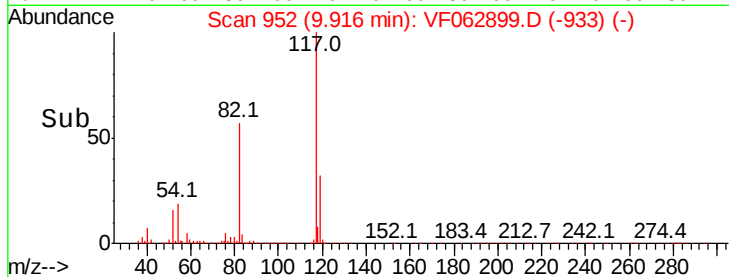
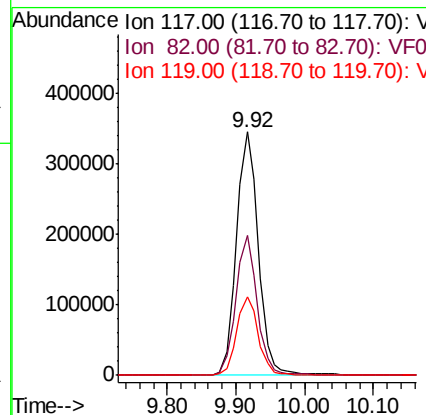
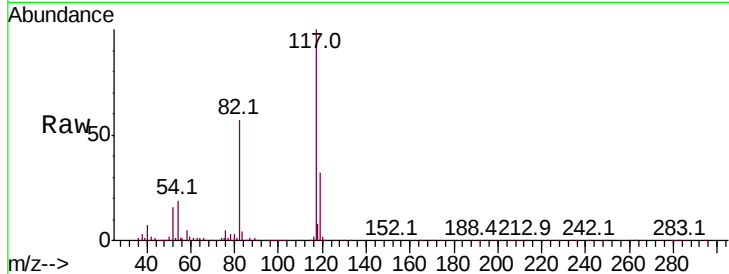
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. -0.02 min
Lab File: VF062899.D
Acq: 7 Jun 2019 14:50

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

Tot Ion	Ratio	Resp	Lower	Upper
117	100	761106		
82	57.4	42.4	63.6	
119	32.3	27.1	40.7	

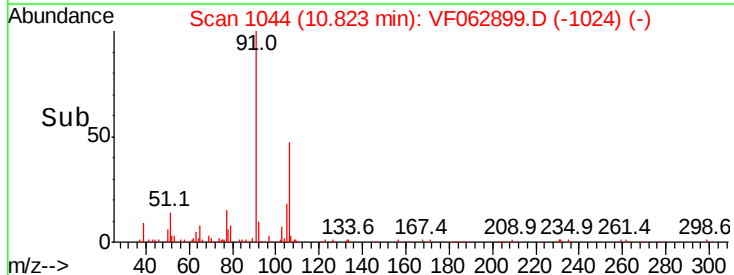
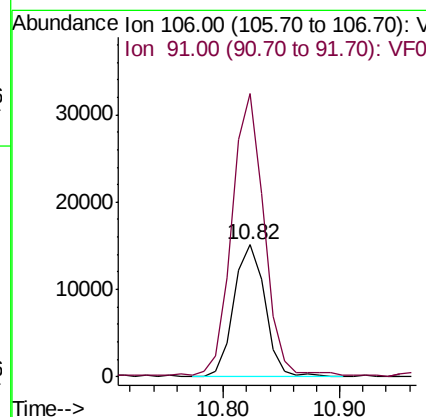
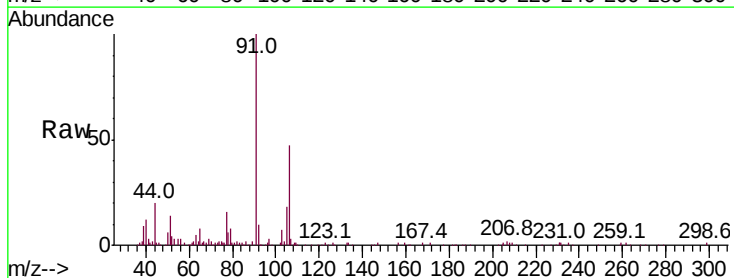
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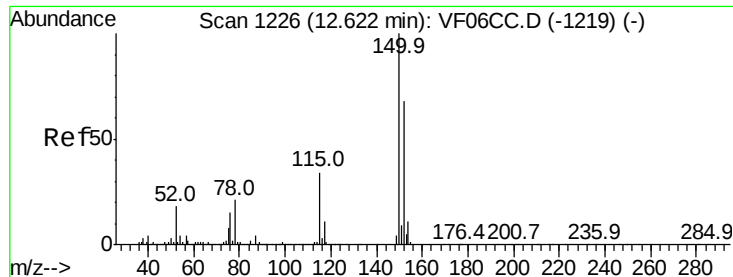
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#69
o-Xylene
Concen: 2.890 ug/l
RT: 10.82 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VF062899.D
Acq: 7 Jun 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	28241		
91	214.2	96.6	289.8	





#72

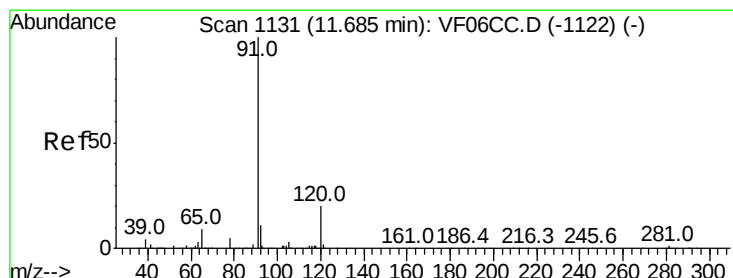
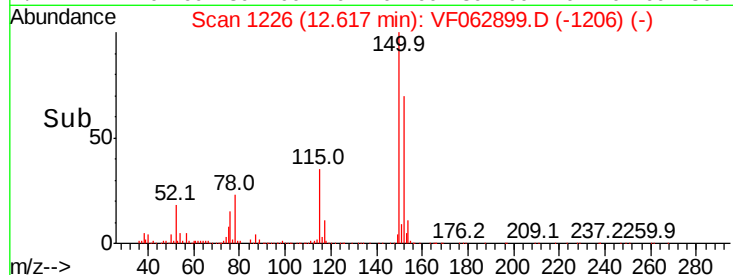
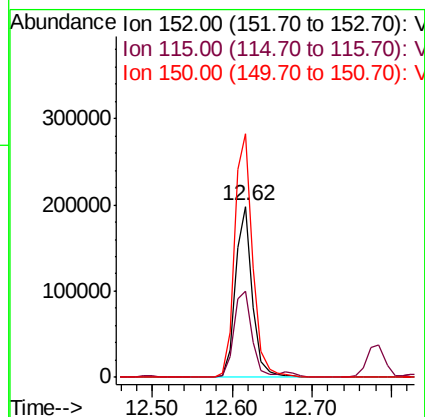
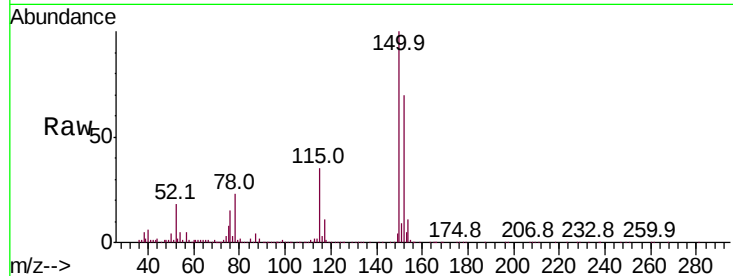
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.01 min
Lab File: VF062899.D
Acq: 7 Jun 2019 14:50

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

Tot Ion	Ratio	Lower	Upper
152	100		
115	50.5	24.6	74.0
150	142.2	0.0	290.6

Manual Integrations
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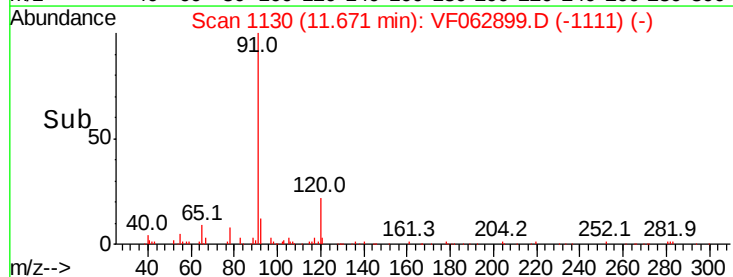
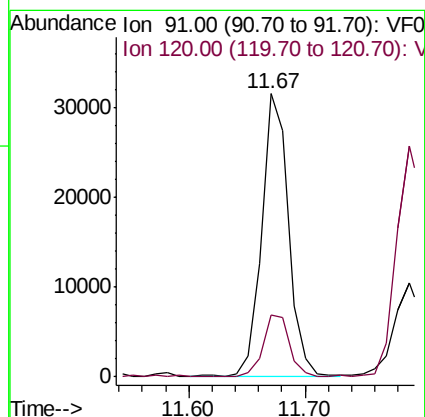
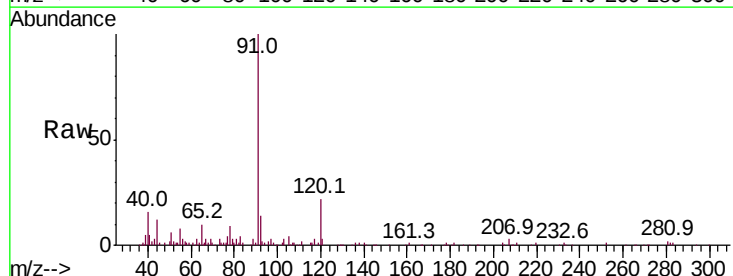
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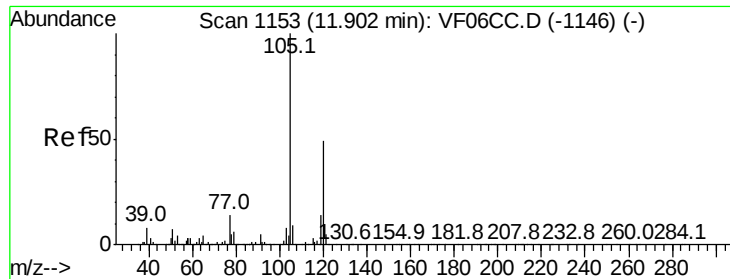


#78

n-propylbenzene
Concen: 2.044 ug/l
RT: 11.67 min Scan# 1130
Delta R.T. -0.02 min
Lab File: VF062899.D
Acq: 7 Jun 2019 14:50

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.8	12.8	38.4





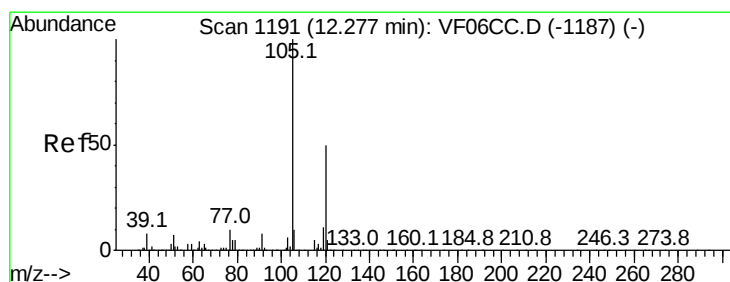
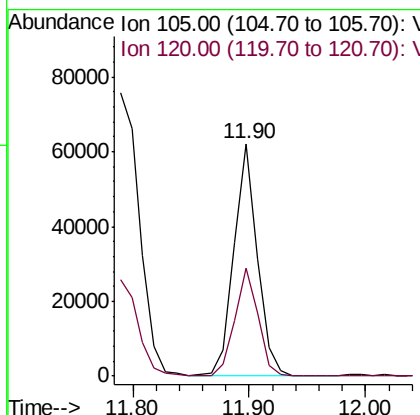
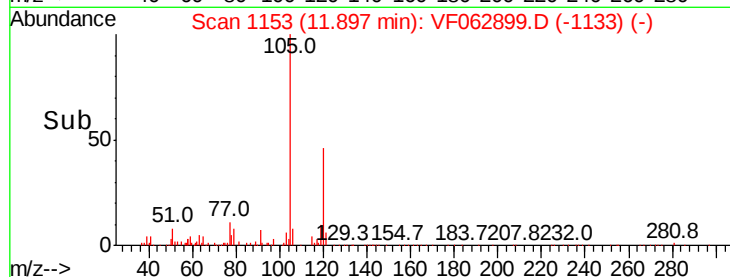
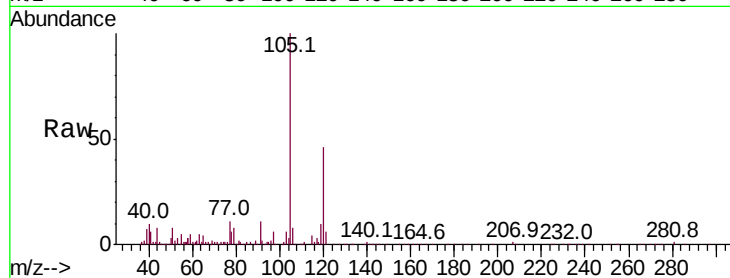
#80
 1,3,5-Trimethylbenzene
 Concen: 5.141 ug/l
 RT: 11.90 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: VF062899.D
 Acq: 7 Jun 2019 14:50

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

Tot Ion:105 Resp: 86365
 Ion Ratio Lower Upper
 105 100
 120 46.5 28.7 86.1

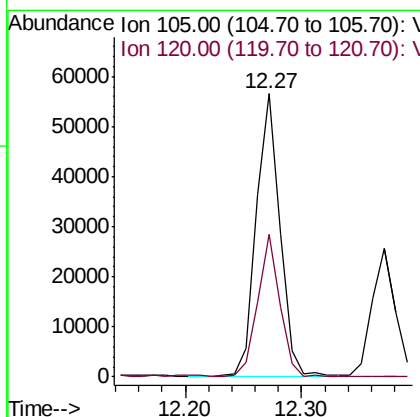
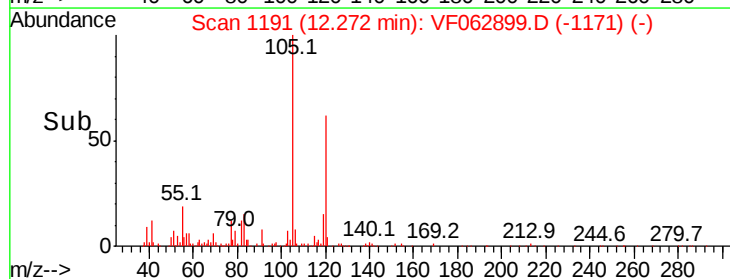
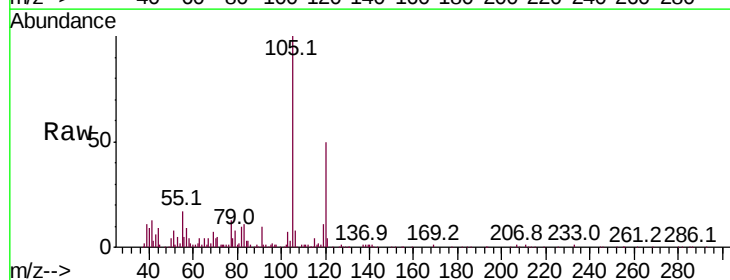
Manual Integrations
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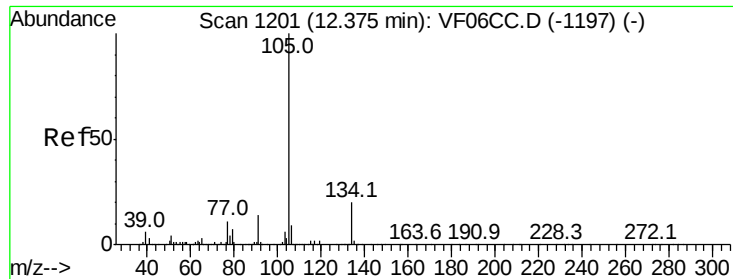
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#84
 1,2,4-Trimethylbenzene
 Concen: 4.979 ug/l
 RT: 12.27 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: VF062899.D
 Acq: 7 Jun 2019 14:50

Tgt Ion:105 Resp: 79309
 Ion Ratio Lower Upper
 105 100
 120 50.4 27.1 81.3





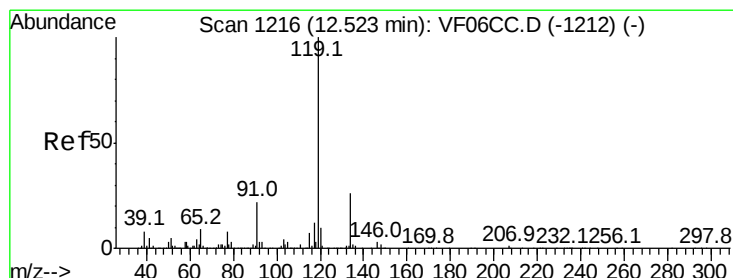
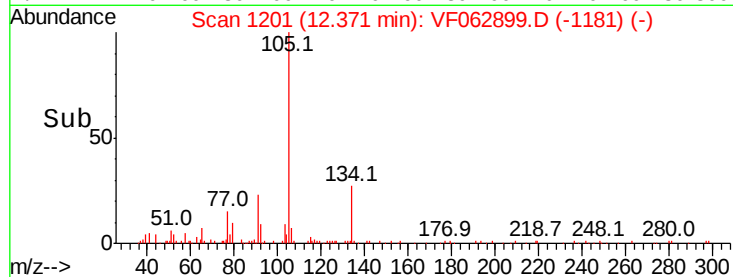
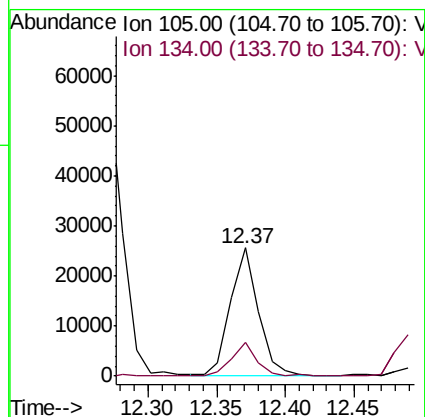
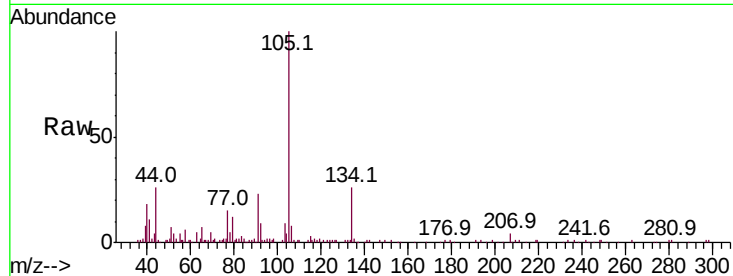
#85
 sec-Butylbenzene
 Concen: 1.620 ug/l
 RT: 12.37 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: VF062899.D
 Acq: 7 Jun 2019 14:50

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

Tot Ion	Ratio	Lower	Upper
105	100		
134	26.3	10.5	31.6

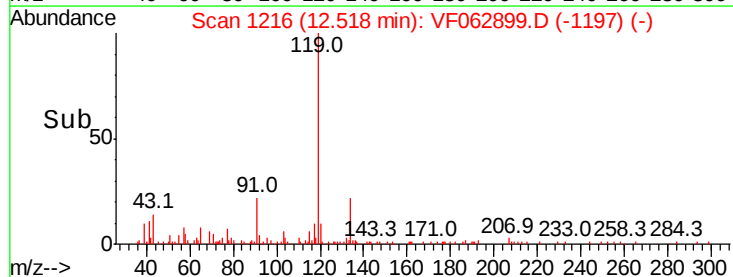
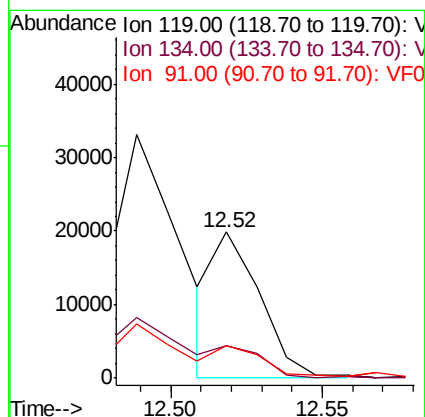
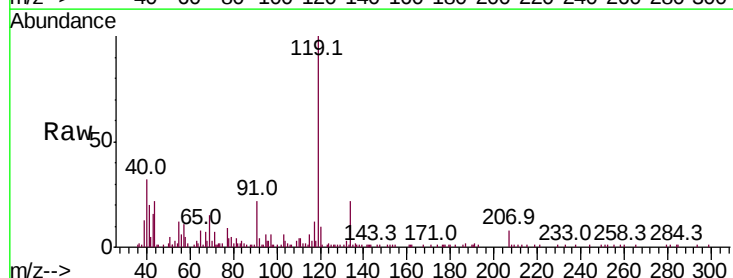
Manual Integrations
 APPROVED

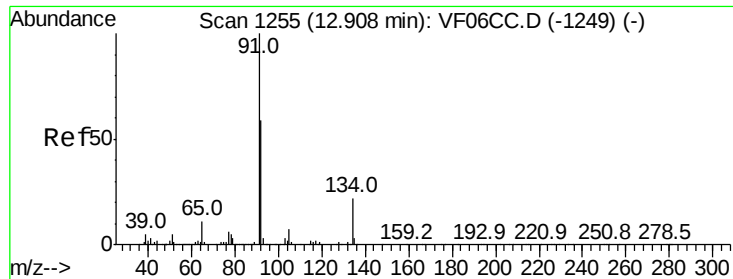
MMDadoda
 6/10/2019 12:25:43 PM



#86
 p-Isopropyltoluene
 Concen: 1.158 ug/l m
 RT: 12.52 min Scan# 1216
 Delta R.T. -0.02 min
 Lab File: VF062899.D
 Acq: 7 Jun 2019 14:50

Tgt Ion	Ratio	Lower	Upper
119	100		
134	22.0	15.5	46.5
91	21.9	10.3	30.9





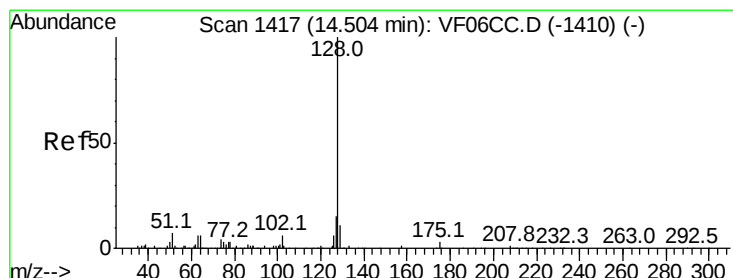
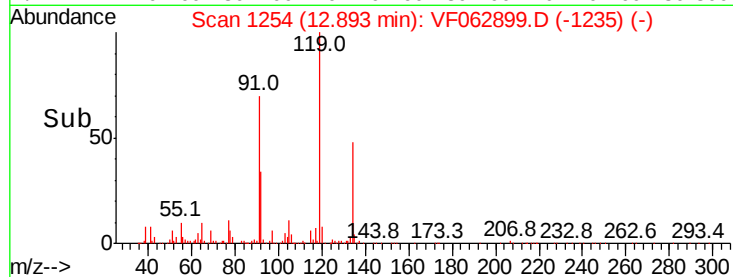
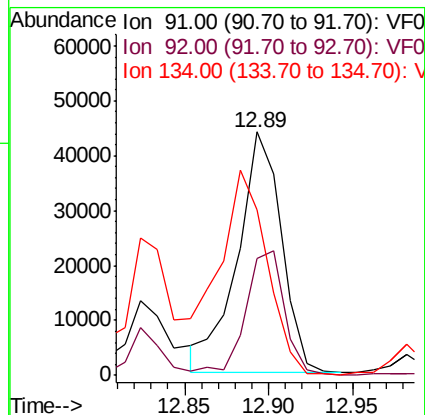
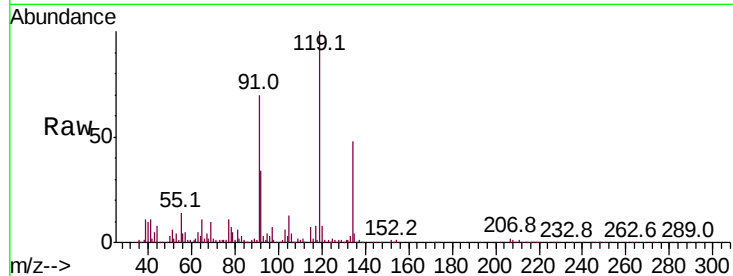
#89
n-Butylbenzene
Concen: 4.323 ug/l
RT: 12.89 min Scan# 1254
Delta R.T. -0.02 min
Lab File: VF062899.D
Acq: 7 Jun 2019 14:50

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

Tot Ion	Ratio	Lower	Upper
91	100		
92	48.3	34.2	102.6
134	68.2	15.8	47.3#

Manual Integrations
APPROVED

MMDadoda
6/10/2019 12:25:43 PM



#95
Naphthalene
Concen: 11.038 ug/l
RT: 14.50 min Scan# 1417
Delta R.T. -0.01 min
Lab File: VF062899.D
Acq: 7 Jun 2019 14:50

Tgt Ion	Ratio	Lower	Upper
128	100		
127	18.5	9.7	14.5#
129	26.4	9.4	14.2#

