

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022119\
 Data File : VF061699.D
 Acq On : 21 Feb 2019 15:42
 Operator : VA/AP
 Sample : K1344-05
 Misc : 5.18g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 NB-07-022019-A

Manual Integrations
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 2/22/2019 12:28:06 PM

Quant Time: Feb 22 03:53:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	375771	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	577240	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	488927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	271350	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	128375	46.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.18%	
35) Dibromofluoromethane	4.12	113	195216	45.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.08%	
50) Toluene-d8	7.56	98	496846	40.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.64%	
62) 4-Bromofluorobenzene	11.42	95	209496	42.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.04%	
Target Compounds						
16) Acetone	2.24	43	20830	35.232	ug/l #	87
20) Methylene Chloride	2.19	84	20171m	4.051	ug/l	
68) m/p-Xylenes	10.13	106	8777	1.390	ug/l	87
69) o-Xylene	10.72	106	10274	1.525	ug/l	95
80) 1,3,5-Trimethylbenzene	11.83	105	21060	1.364	ug/l	97
84) 1,2,4-Trimethylbenzene	12.21	105	74868	4.880	ug/l	92
95) Naphthalene	14.45	128	19425	1.750	ug/l #	87

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

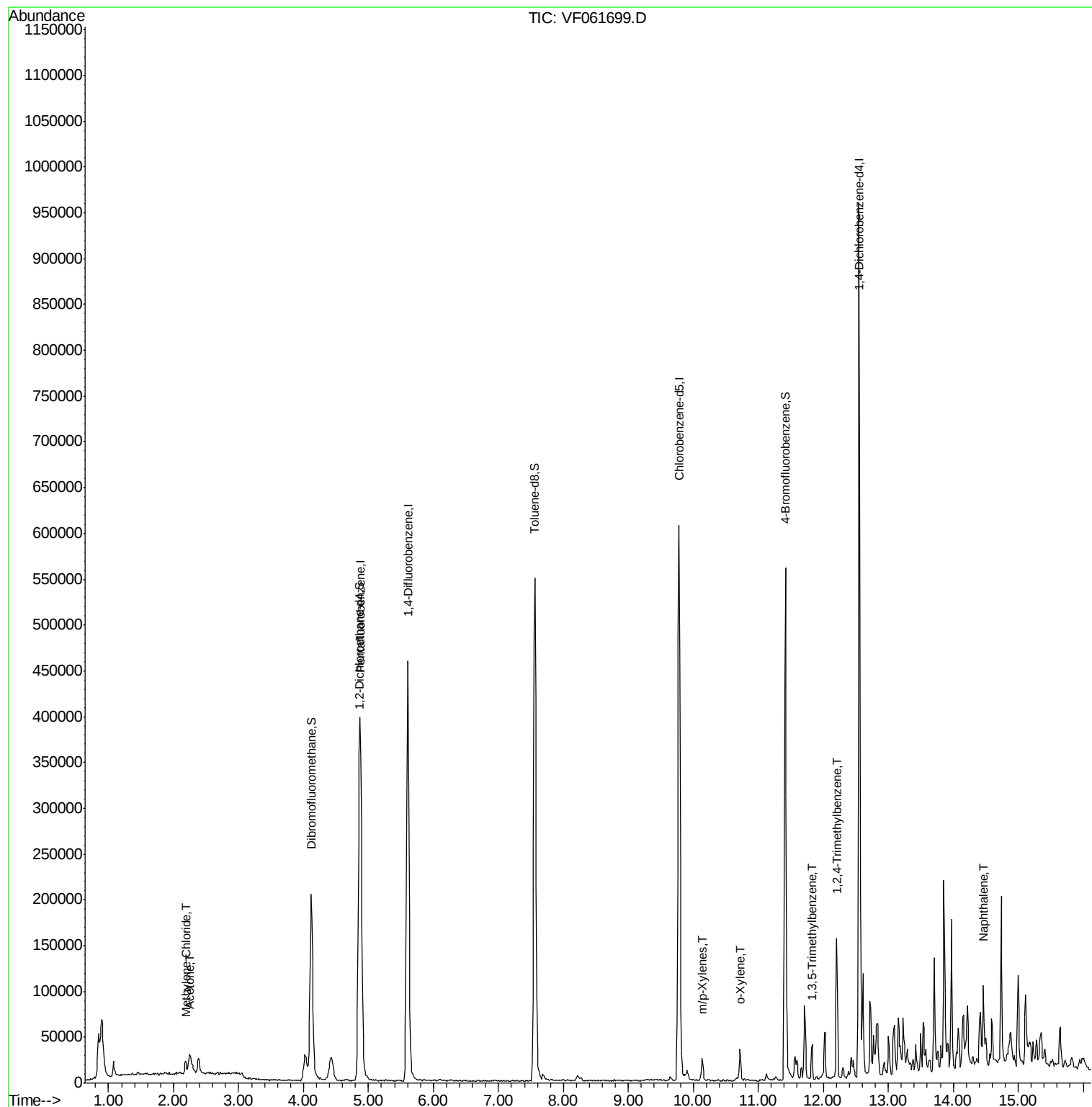
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF022119\
Data File : VF061699.D
Acq On : 21 Feb 2019 15:42
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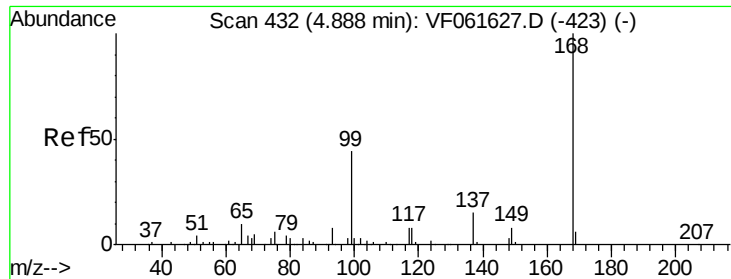
Instrument :
MSVOA_F
ClientSampleId :
NB-07-022019-A

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Quant Time: Feb 22 03:53:38 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. -0.01 min

Lab File: VF061699.D

Acq: 21 Feb 2019 15:42

Instrument :

MSVOA_F

ClientSampleID :

NB-07-022019-A

Tot Ion:168 Resp: 375771

Ion Ratio Lower Upper

168 100

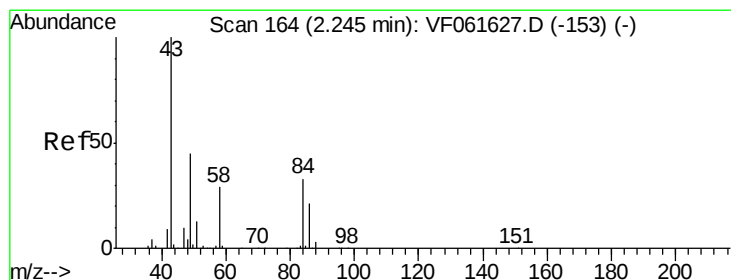
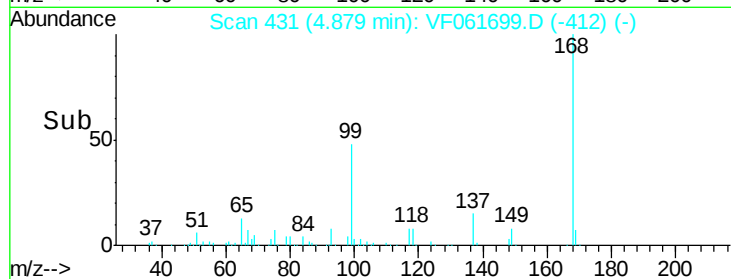
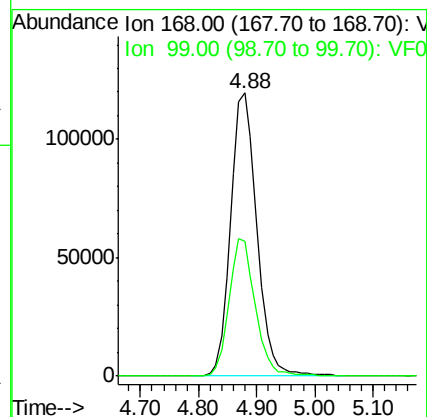
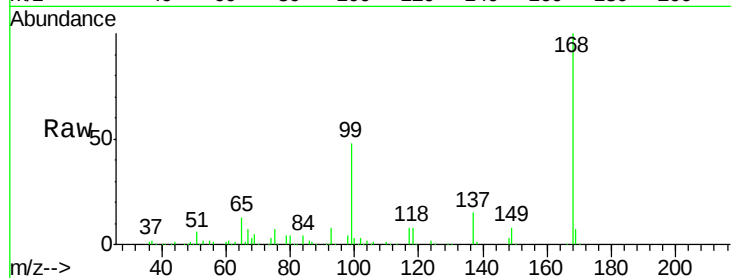
99 47.8 34.9 52.3

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#16

Acetone

Concen: 35.232 ug/l

RT: 2.24 min Scan# 163

Delta R.T. -0.01 min

Lab File: VF061699.D

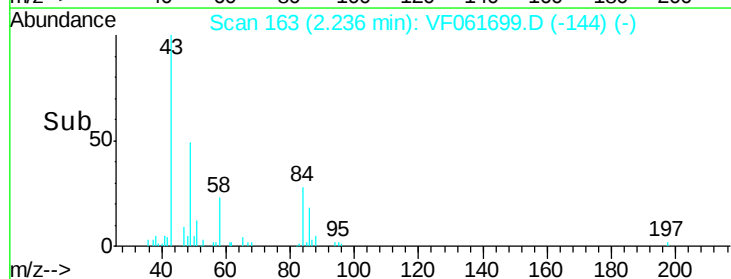
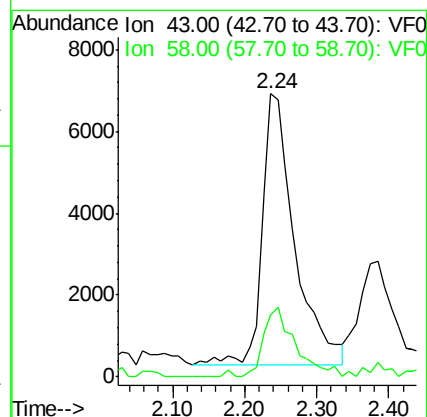
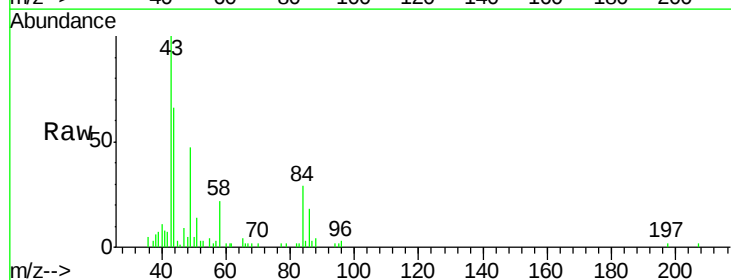
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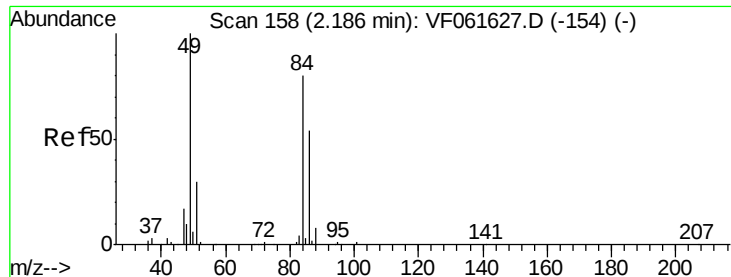
Tgt Ion: 43 Resp: 20830

Ion Ratio Lower Upper

43 100

58 21.9 22.9 34.3#





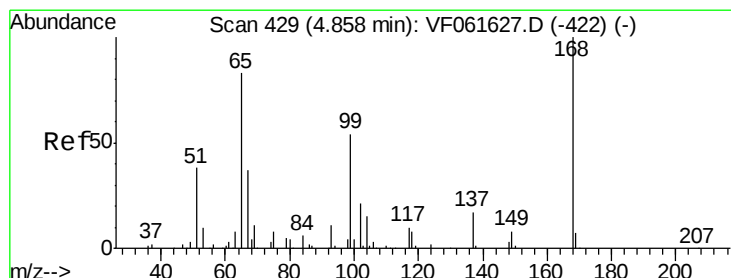
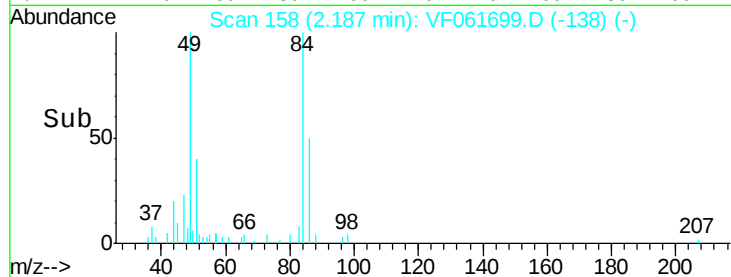
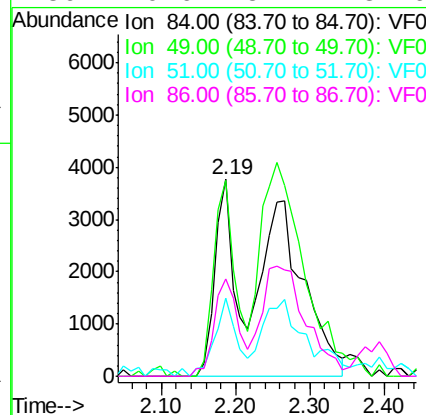
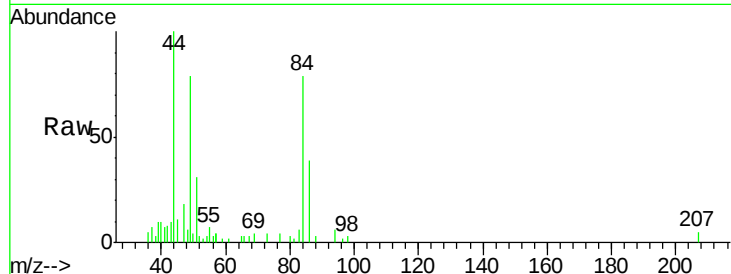
#20
Methvlene Chloride
Concen: 4.051 ug/l m
RT: 2.19 min Scan# 158
Delta R.T. 0.00 min
Lab File: VF061699.D
Acq: 21 Feb 2019 15:42

Instrument :
MSVOA_F
ClientSampleId :
NB-07-022019-A

Tot Ion	Ratio	Lower	Upper
84	100		
49	99.7	101.8	152.8#
51	39.7	31.1	46.7
86	49.6	54.4	81.6#

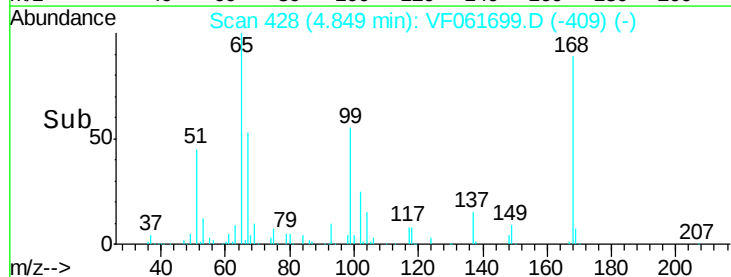
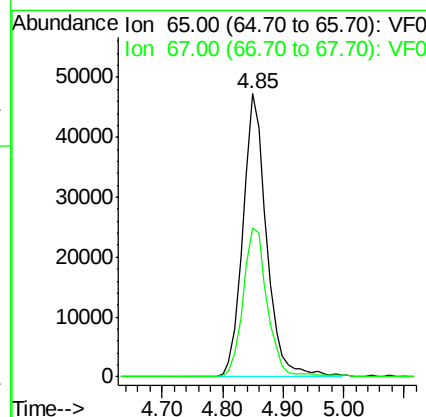
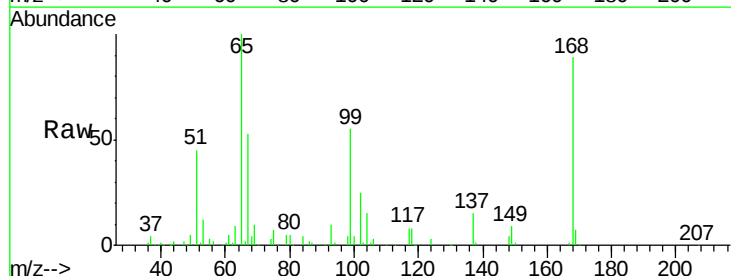
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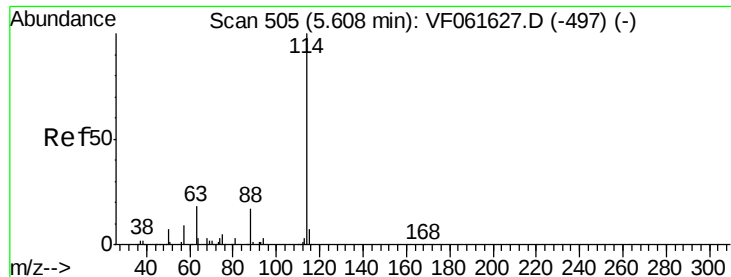
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#33
1,2-Dichloroethane-d4
Concen: 46.587 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.01 min
Lab File: VF061699.D
Acq: 21 Feb 2019 15:42

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 505

Delta R.T. 0.00 min

Lab File: VF061699.D

Acq: 21 Feb 2019 15:42

Instrument :

MSVOA_F

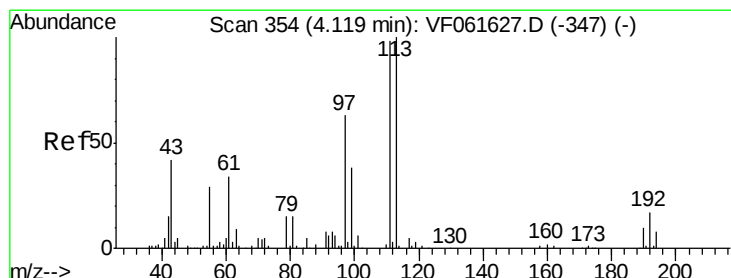
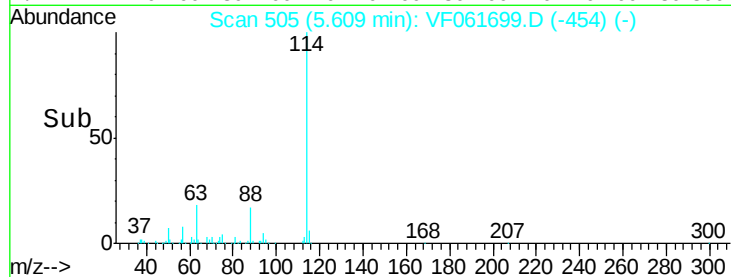
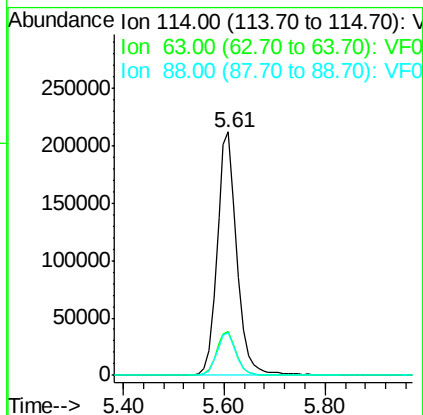
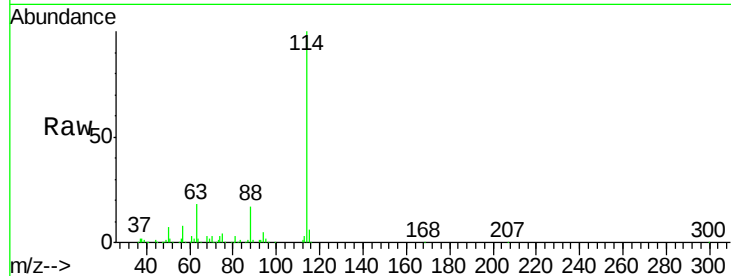
ClientSampleId :

NB-07-022019-A

Tot Ion:	114	Resp:	577240
Ion Ratio	Lower	Upper	
114	100		
63	17.9	0.0	36.6
88	17.5	0.0	34.4

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#35

Dibromofluoromethane

Concen: 45.541 ug/l

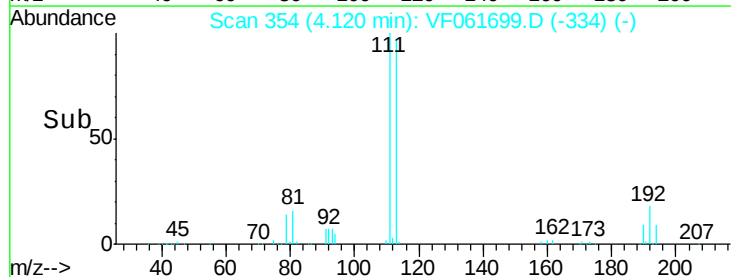
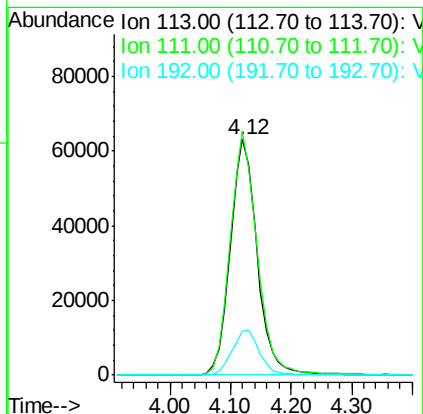
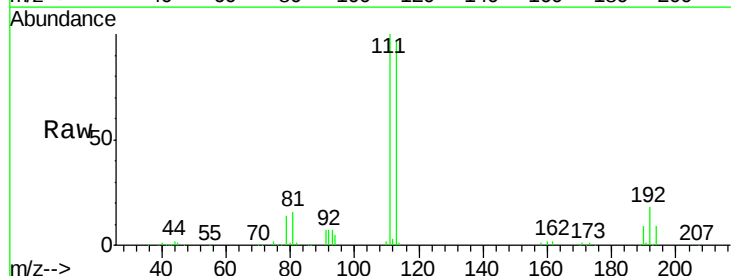
RT: 4.12 min Scan# 354

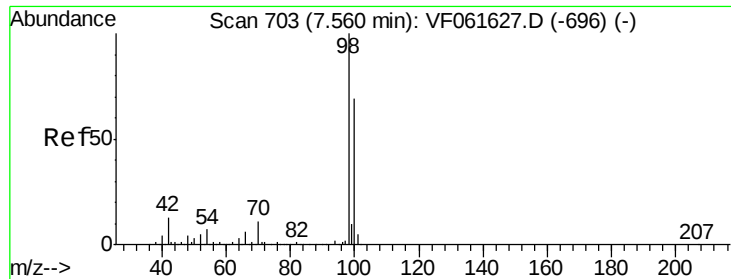
Delta R.T. 0.00 min

Lab File: VF061699.D

Acq: 21 Feb 2019 15:42

Tgt Ion:	113	Resp:	195216
Ion Ratio	Lower	Upper	
113	100		
111	103.3	78.8	118.2
192	18.8	13.4	20.0





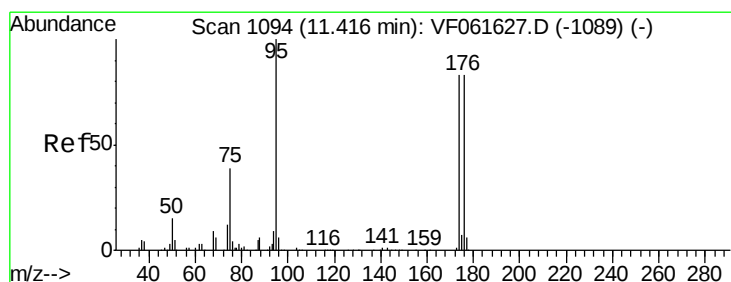
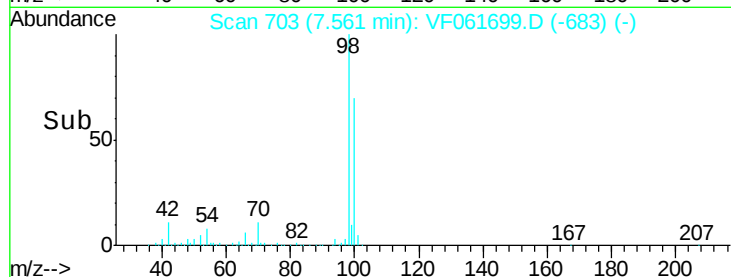
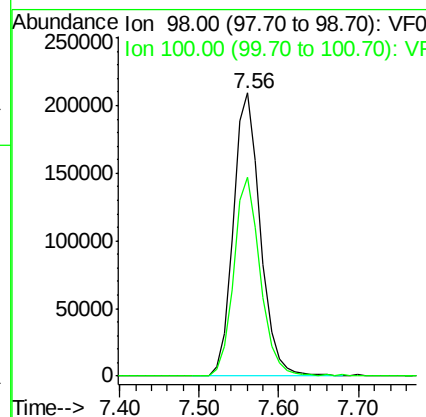
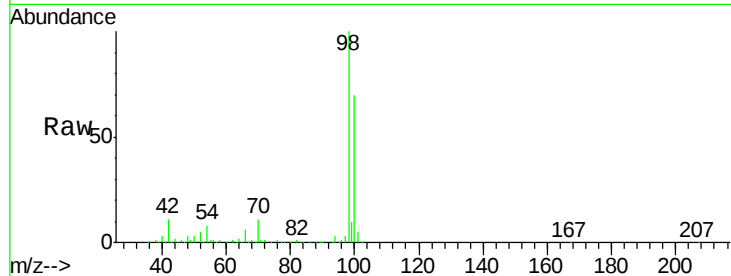
#50
Toluene-d8
Concen: 40.319 ug/l
RT: 7.56 min Scan# 703
Delta R.T. 0.00 min
Lab File: VF061699.D
Acq: 21 Feb 2019 15:42

Instrument :
MSVOA_F
ClientSampleId :
NB-07-022019-A

Tot Ion: 98 Resp: 496846
Ion Ratio Lower Upper
98 100
100 70.4 55.4 83.2

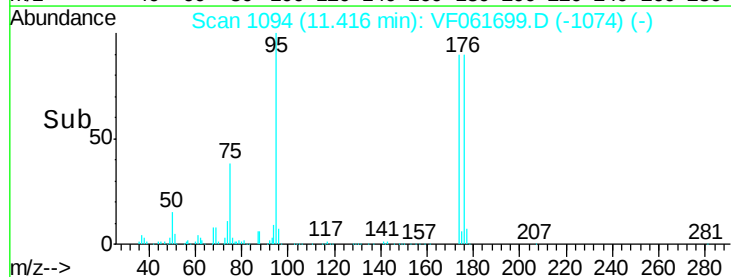
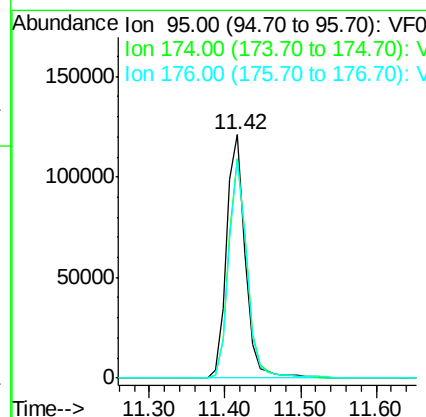
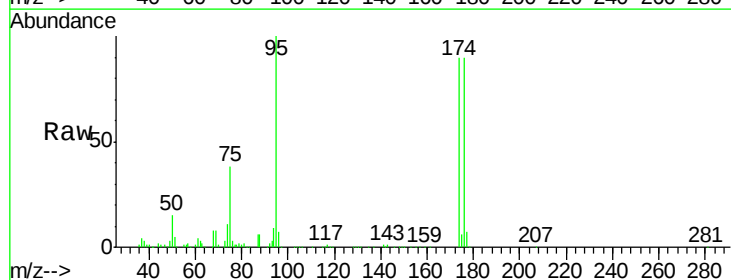
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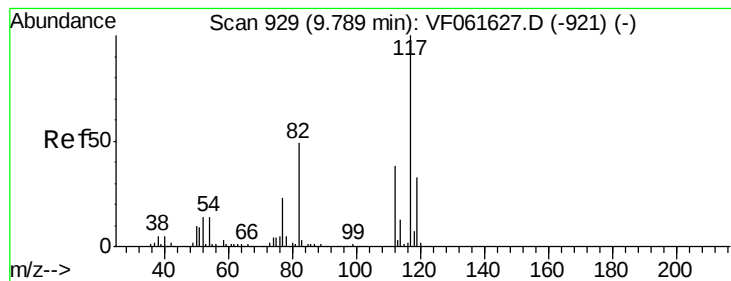
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#62
4-Bromofluorobenzene
Concen: 42.017 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF061699.D
Acq: 21 Feb 2019 15:42

Tgt Ion: 95 Resp: 209496
Ion Ratio Lower Upper
95 100
174 90.0 0.0 165.8
176 90.1 0.0 167.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.78 min Scan# 928

Delta R.T. -0.01 min

Lab File: VF061699.D

Acq: 21 Feb 2019 15:42

Instrument :

MSVOA_F

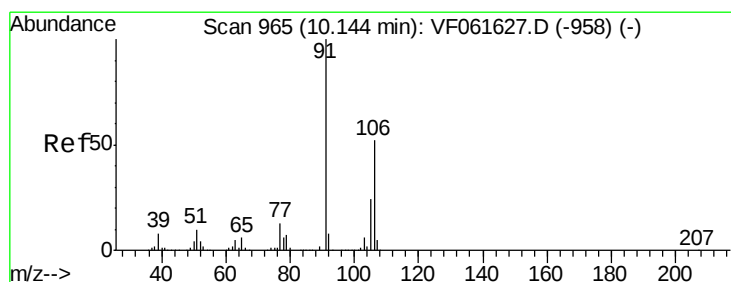
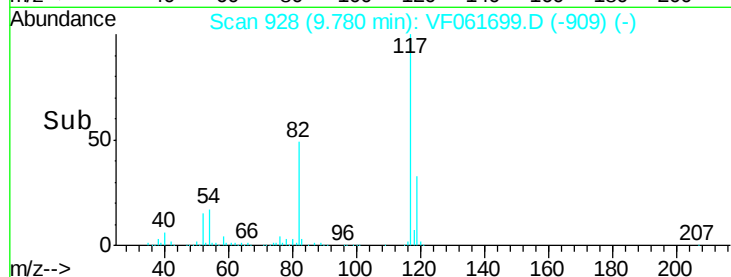
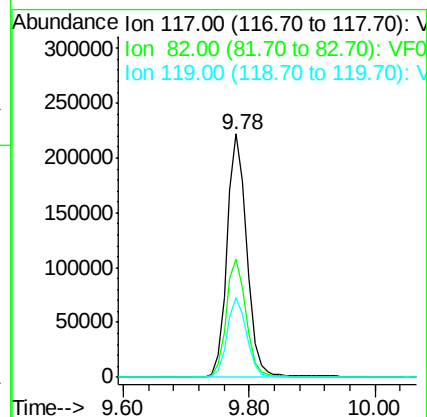
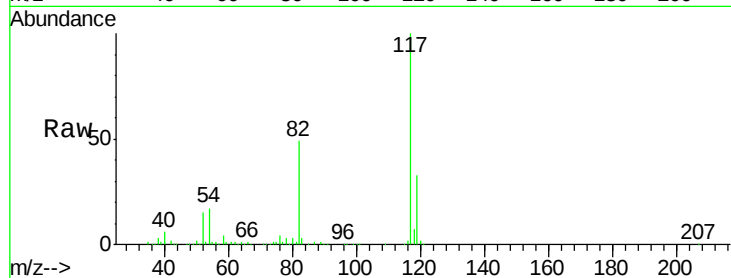
ClientSampleId :

NB-07-022019-A

Tot Ion:	117	Resp:	488927
Ion Ratio		Lower	Upper
117	100		
82	48.7	39.3	58.9
119	32.9	26.6	40.0

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#68

m/p-Xylenes

Concen: 1.390 ug/l

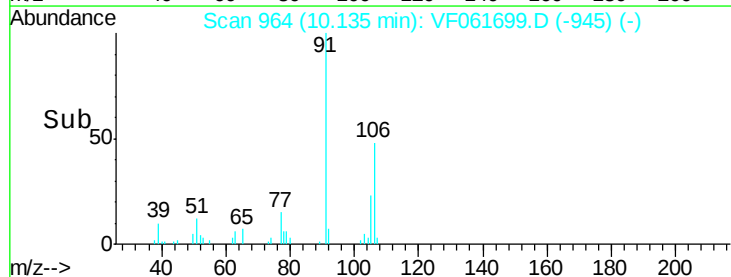
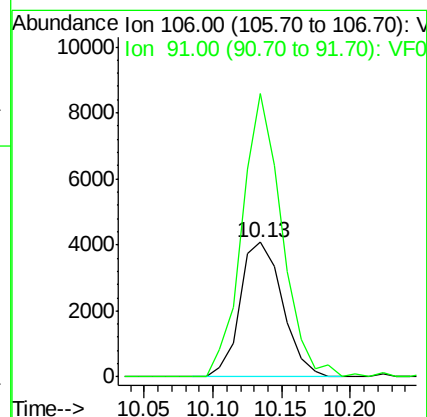
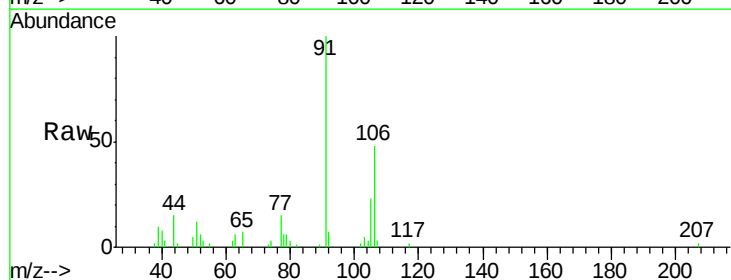
RT: 10.13 min Scan# 964

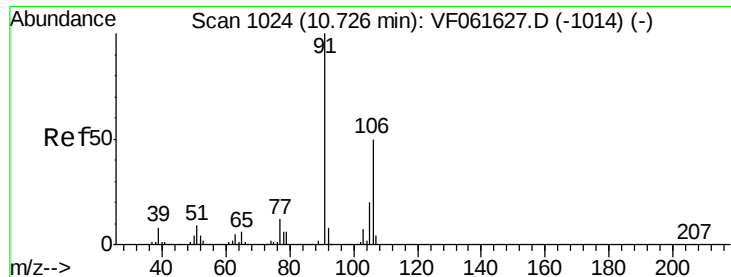
Delta R.T. -0.01 min

Lab File: VF061699.D

Acq: 21 Feb 2019 15:42

Tgt Ion:	106	Resp:	8777
Ion Ratio		Lower	Upper
106	100		
91	210.1	153.0	229.6





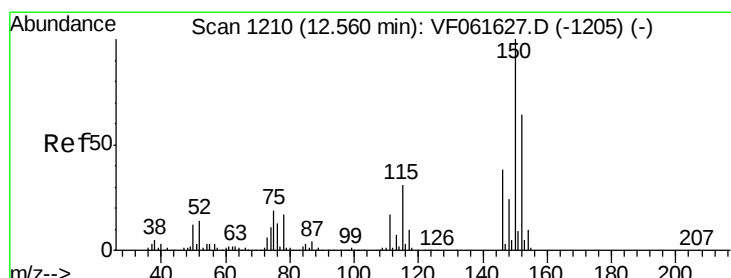
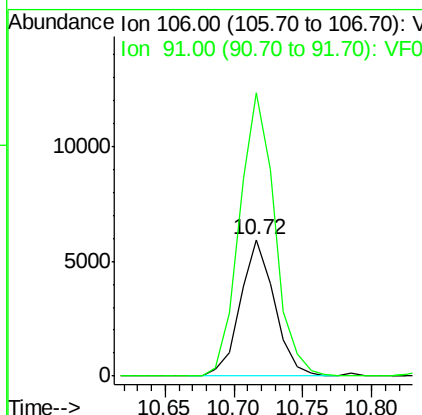
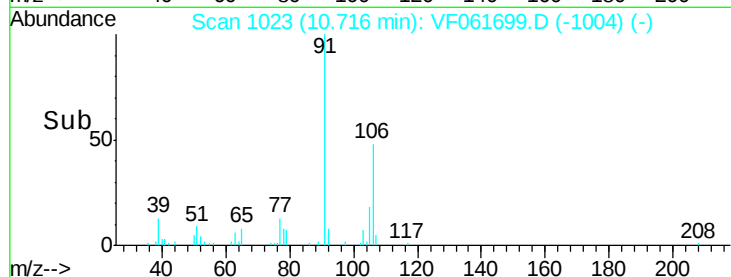
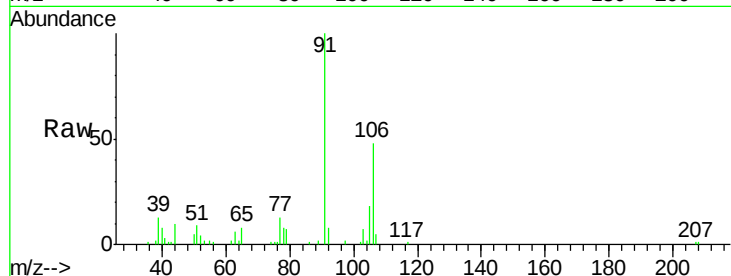
#69
o-Xylene
Concen: 1.525 ug/l
RT: 10.72 min Scan# 1023
Delta R.T. -0.01 min
Lab File: VF061699.D
Acq: 21 Feb 2019 15:42

Instrument :
MSVOA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
106	100		
91	207.3	100.1	300.1

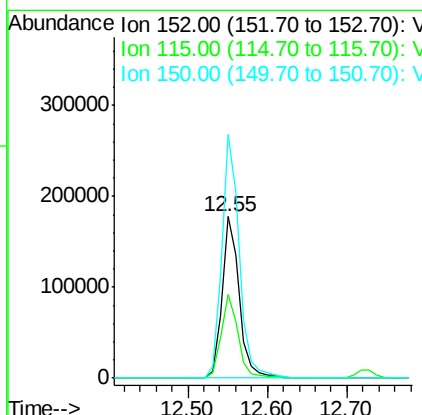
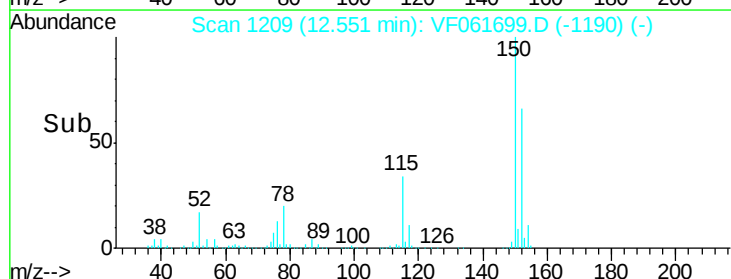
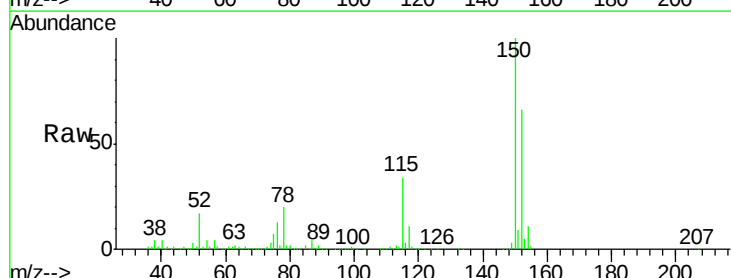
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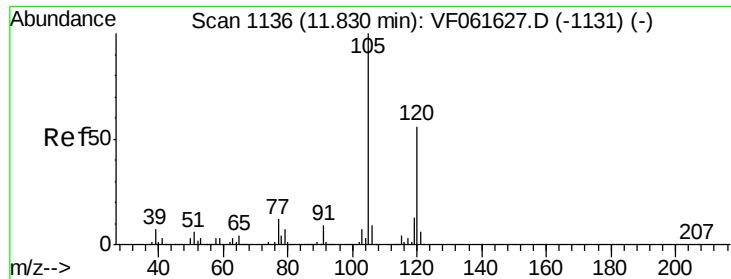
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.01 min
Lab File: VF061699.D
Acq: 21 Feb 2019 15:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	51.7	24.3	72.8
150	151.1	0.0	312.0





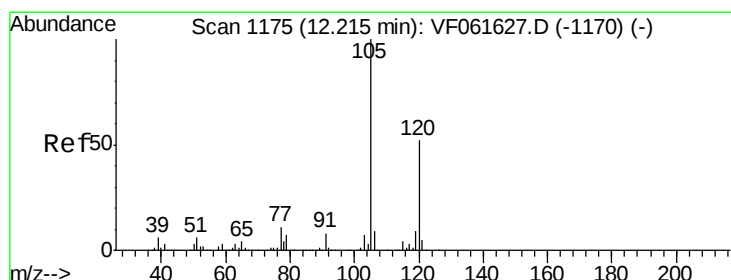
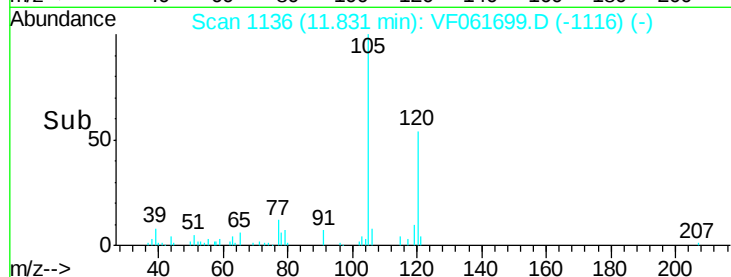
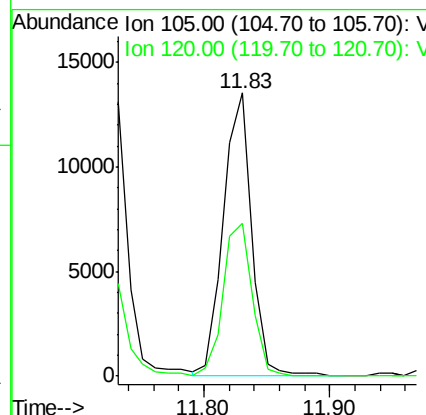
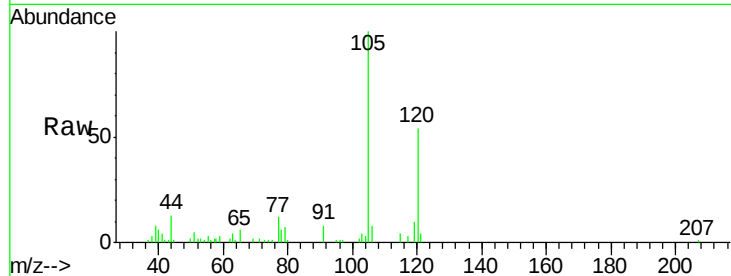
#80
 1,3,5-Trimethylbenzene
 Concen: 1.364 ug/l
 RT: 11.83 min Scan# 1136
 Delta R.T. 0.00 min
 Lab File: VF061699.D
 Acq: 21 Feb 2019 15:42

Instrument :
 MSVOA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
105	100		
120	53.9	27.9	83.6

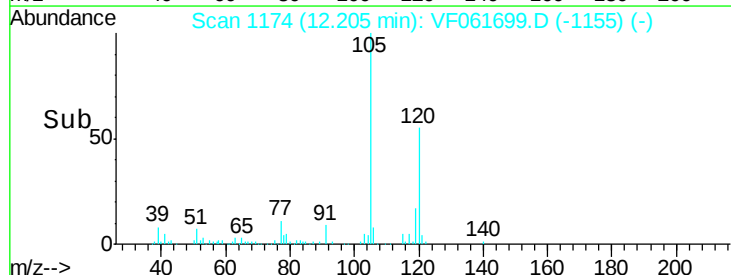
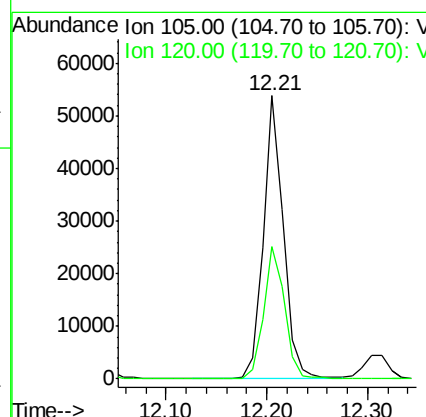
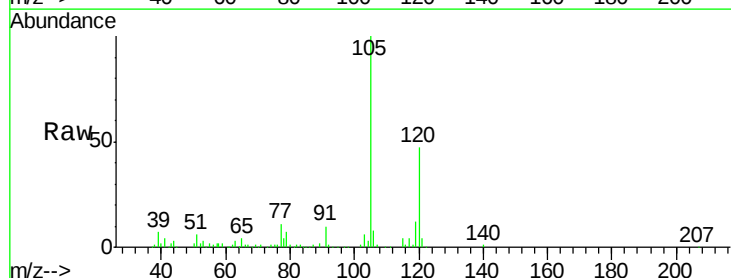
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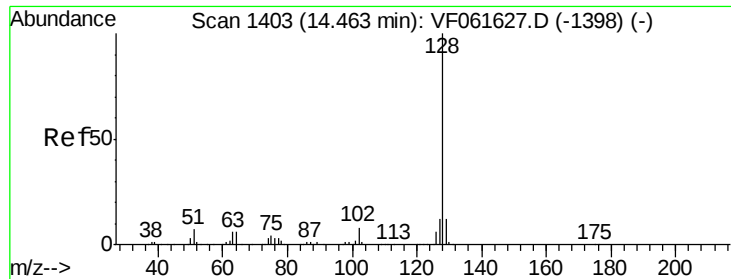
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#84
 1,2,4-Trimethylbenzene
 Concen: 4.880 ug/l
 RT: 12.21 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: VF061699.D
 Acq: 21 Feb 2019 15:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.8	26.1	78.3





#95
Naphthalene
Concen: 1.750 ug/l
RT: 14.45 min Scan# 1402
Delta R.T. -0.01 min
Lab File: VF061699.D
Acq: 21 Feb 2019 15:42

Instrument :
MSVOA_F
ClientSampleId :
NB-07-022019-A

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	14.6	9.8	14.6
129	19.7	9.4	14.2#

Manual Integrations
APPROVED

MMDadoda
2/22/2019 12:28:06 PM

