

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111518\
 Data File : VF060743.D
 Acq On : 15 Nov 2018 13:29
 Operator : VA/AP
 Sample : J5925-05
 Misc : 17.98g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-1D1

Manual Integrations
 APPROVED

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 11/16/2018 1:25:46 PM

Quant Time: Nov 15 14:32:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 14 03:11:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.83	168	5778	50.00	ug/l	-0.06
34) 1,4-Difluorobenzene	5.56	114	6559	50.00	ug/l	-0.06
63) Chlorobenzene-d5	9.74	117	2478	50.00	ug/l	-0.05
72) 1,4-Dichlorobenzene-d4	12.55	152	1847	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	1035	15.70	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	31.40%	
35) Dibromofluoromethane	4.07	113	2033	41.23	ug/l	-0.06
Spiked Amount 50.000			Recovery	=	82.46%	
50) Toluene-d8	7.53	98	5541	43.30	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	86.60%	
62) 4-Bromofluorobenzene	11.42	95	2367m	39.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.48%	
Target Compounds						
39) Methylcyclohexane	5.42	83	14802	167.73	ug/l	Qvalue 88
56) Ethyl methacrylate	8.59	69	38436	1042.41	ug/l #	78
73) Isopropylbenzene	11.11	105	16615	111.76	ug/l	100
78) n-propylbenzene	11.58	91	24865	143.40	ug/l	96
85) sec-Butylbenzene	12.29	105	41045	241.44	ug/l	96
89) n-Butylbenzene	12.83	91	6965	48.07	ug/l	89

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

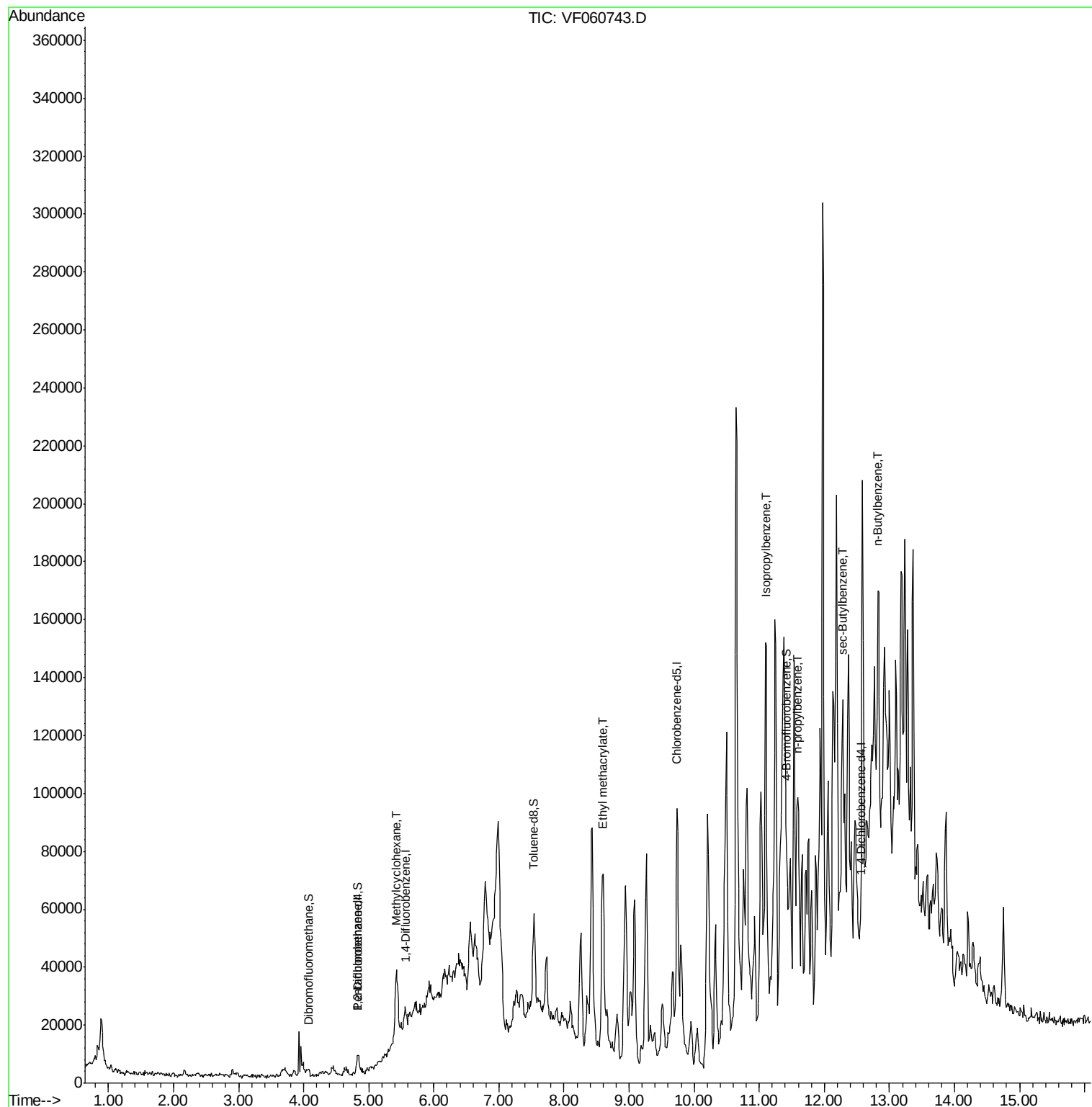
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF111518\
Data File : VF060743.D
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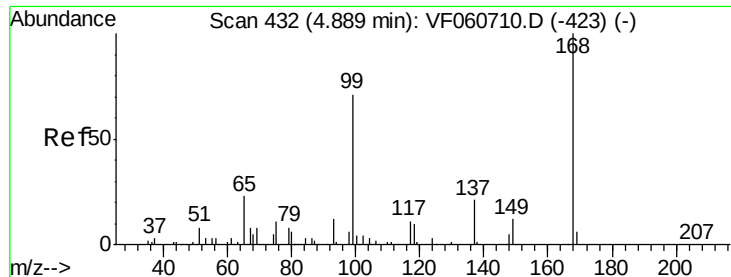
Instrument :
MSVOA_F
ClientSampleId :
TP-1D1

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Quant Time: Nov 15 14:32:20 2018
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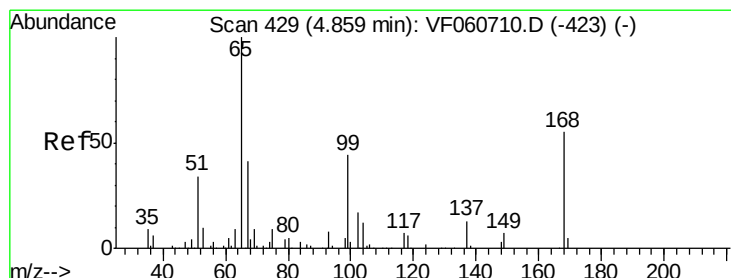
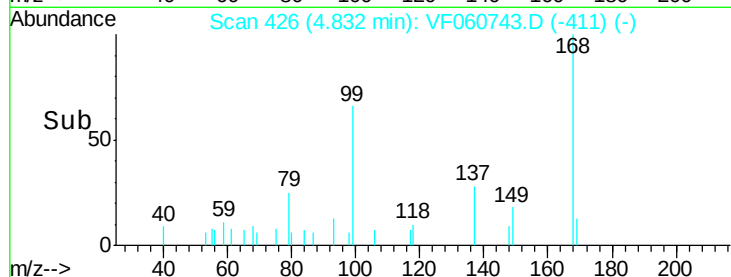
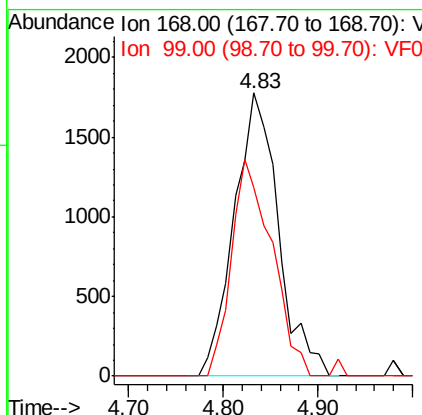
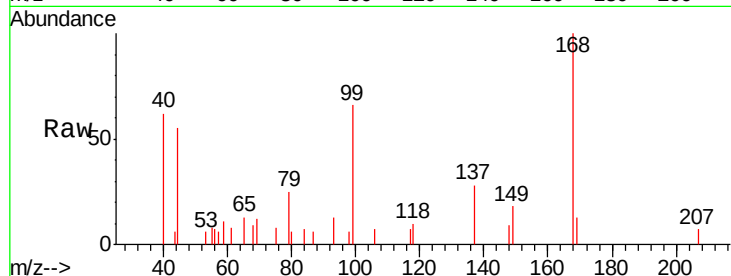
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.06 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Instrument :
MSVOA_F
ClientSampleId :
TP-1D1

Tgt Ion: 168 Resp: 5778
Ion Ratio Lower Upper
168 100
99 66.5 57.2 85.8

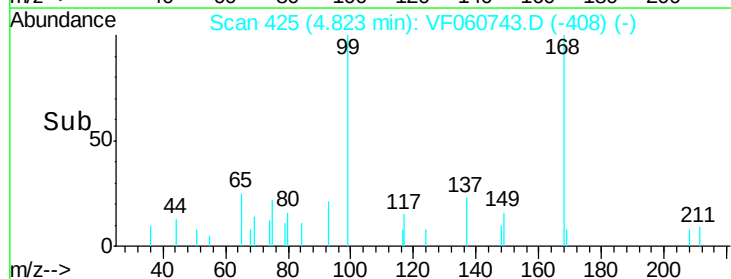
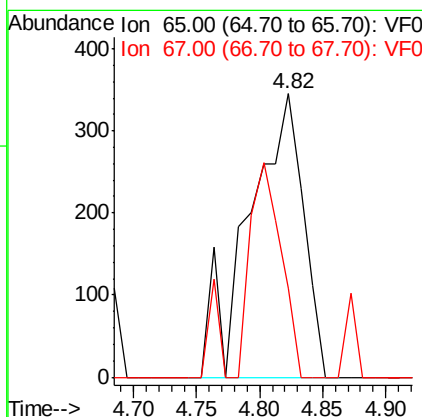
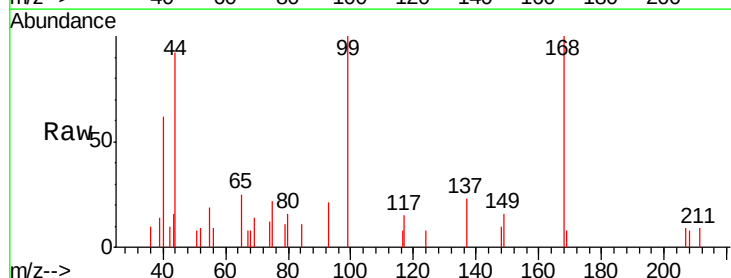
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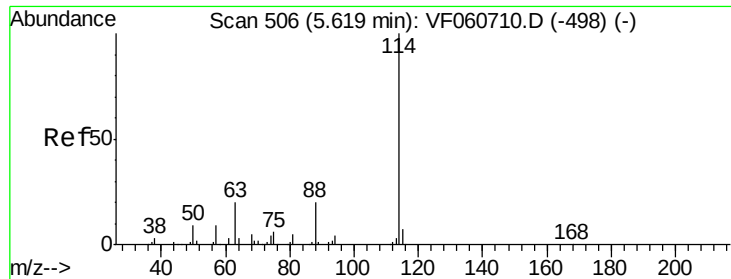
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#33
1,2-Dichloroethane-d4
Concen: 15.70 ug/l
RT: 4.82 min Scan# 425
Delta R.T. -0.04 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Tgt Ion: 65 Resp: 1035
Ion Ratio Lower Upper
65 100
67 31.3 0.0 90.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.56 min Scan# 500

Delta R.T. -0.06 min

Lab File: VF060743.D

Acq: 15 Nov 2018 13:29

Instrument :

MSVOA_F

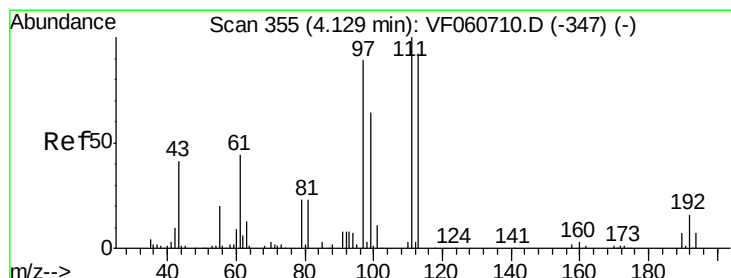
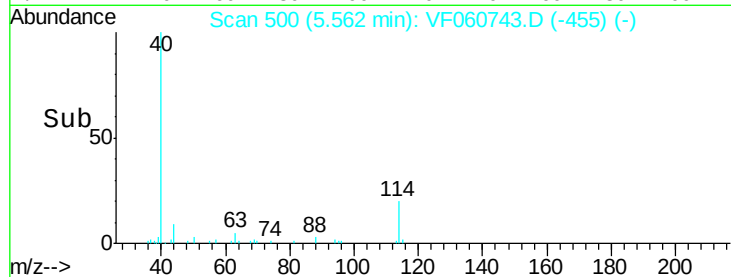
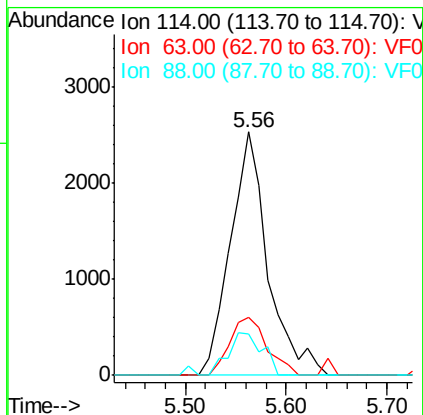
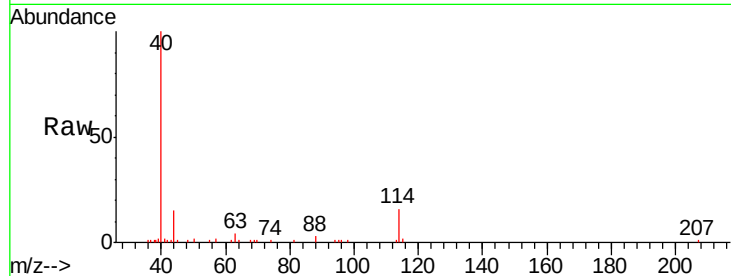
ClientSampleId :

TP-1D1

Tgt Ion:	114	Resp:	6559
Ion	Ratio	Lower	Upper
114	100		
63	24.1	0.0	40.8
88	16.8	0.0	39.6

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#35

Dibromofluoromethane

Concen: 41.23 ug/l

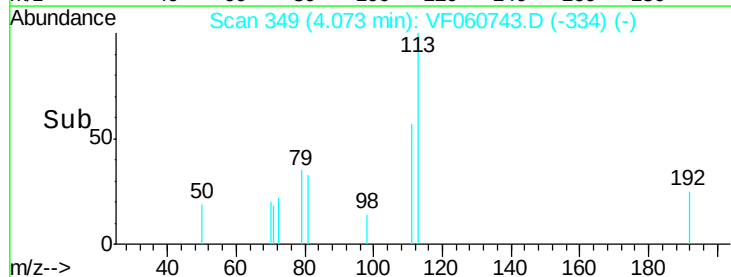
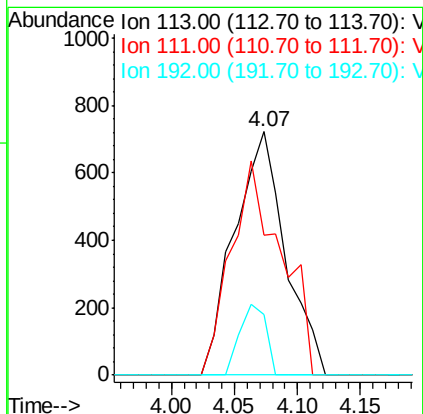
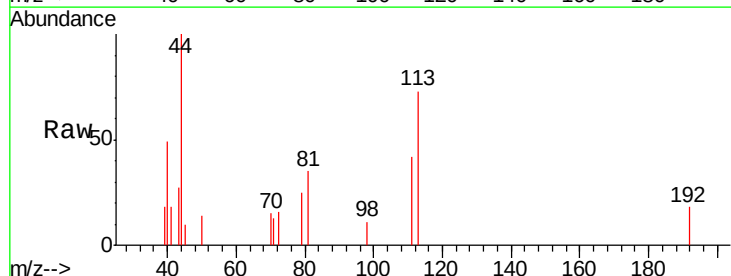
RT: 4.07 min Scan# 349

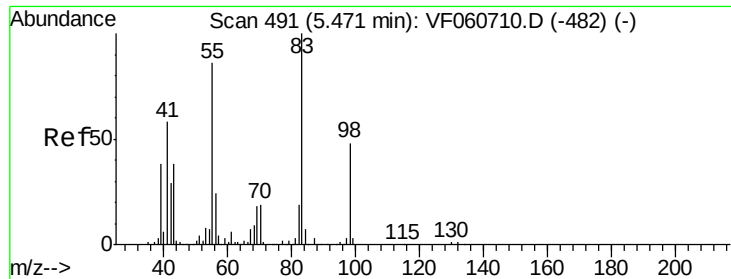
Delta R.T. -0.06 min

Lab File: VF060743.D

Acq: 15 Nov 2018 13:29

Tgt Ion:	113	Resp:	2033
Ion	Ratio	Lower	Upper
113	100		
111	57.4	87.1	130.7#
192	24.9	13.8	20.6#





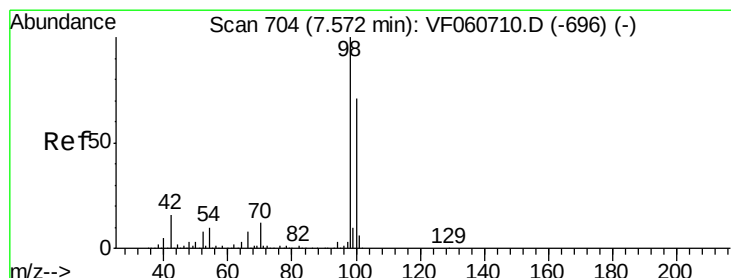
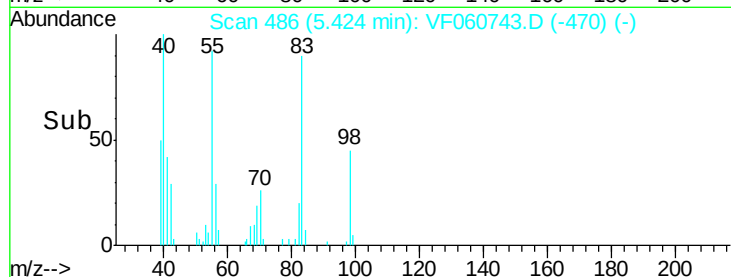
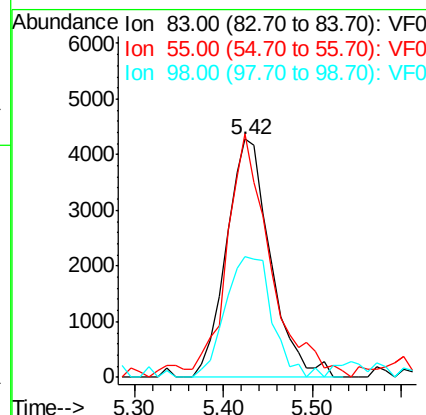
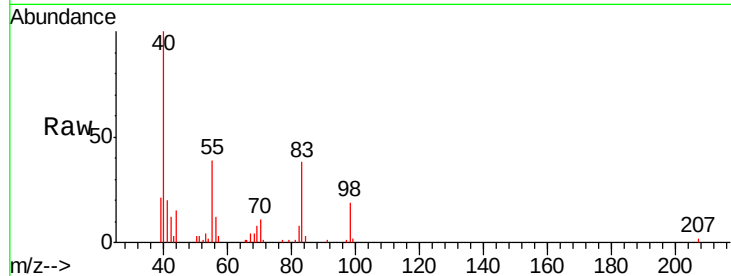
#39
Methylcyclohexane
Concen: 167.73 ug/l
RT: 5.42 min Scan# 486
Delta R.T. -0.05 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Instrument :
MSVOA_F
ClientSampleId :
TP-1D1

Tgt Ion	Ratio	Lower	Upper
83	100		
55	102.2	69.0	103.4
98	50.5	38.5	57.7

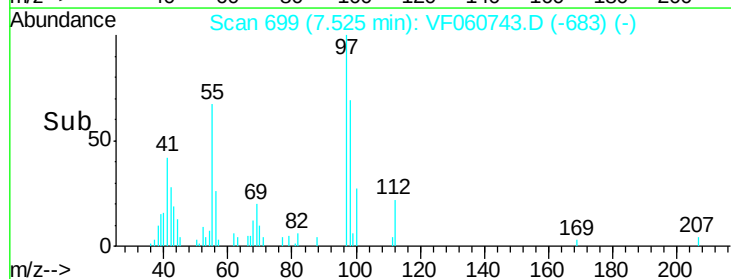
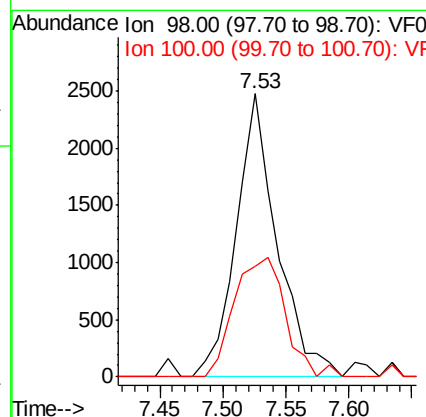
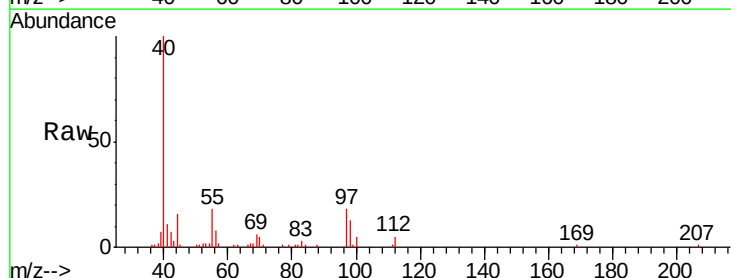
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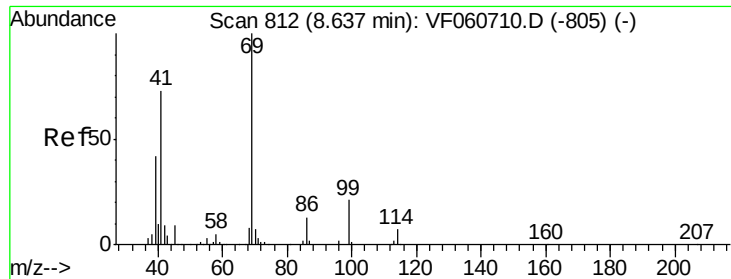
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#50
Toluene-d8
Concen: 43.30 ug/l
RT: 7.53 min Scan# 699
Delta R.T. -0.05 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	39.2	56.5	84.7#





#56

Ethyl methacrylate

Concen: 1042.41 ug/l

RT: 8.59 min Scan# 807

Delta R.T. -0.05 min

Lab File: VF060743.D

Acq: 15 Nov 2018 13:29

Instrument :

MSVOA_F

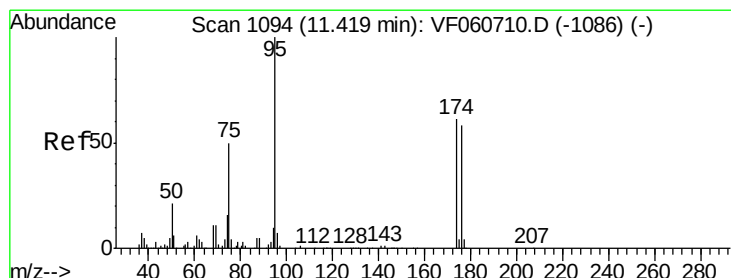
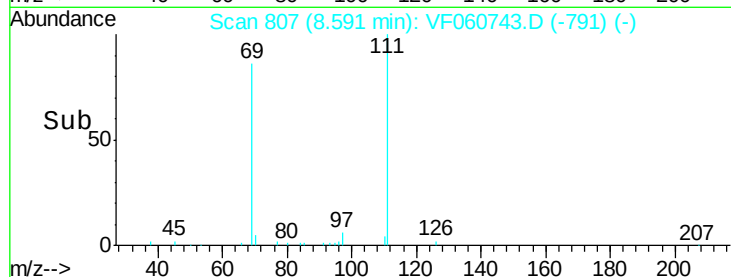
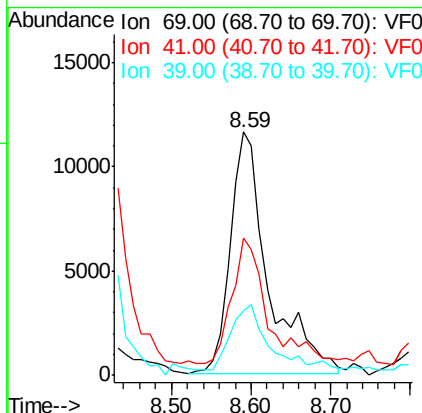
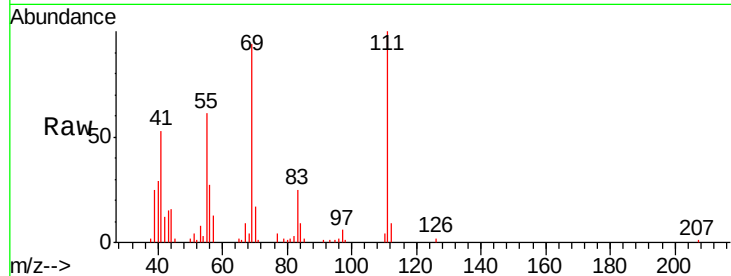
ClientSampleId :

TP-1D1

Tgt Ion:	69	Resp:	38436
Ion Ratio	Lower	Upper	
69	100		
41	56.5	59.0	88.6#
39	26.6	34.0	51.0#

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#62

4-Bromofluorobenzene

Concen: 39.74 ug/l m

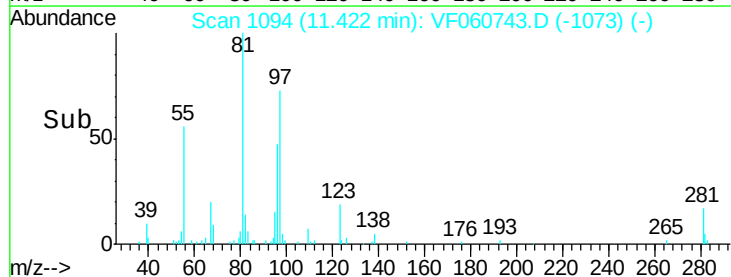
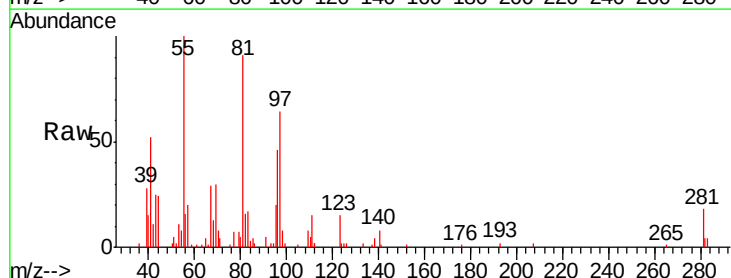
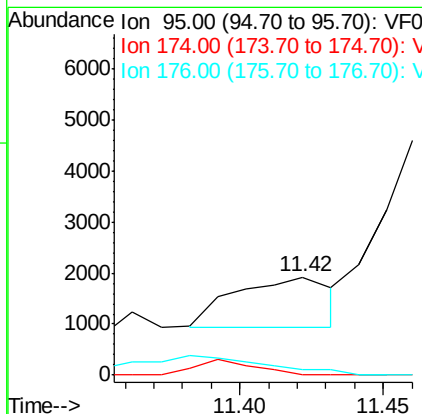
RT: 11.42 min Scan# 1094

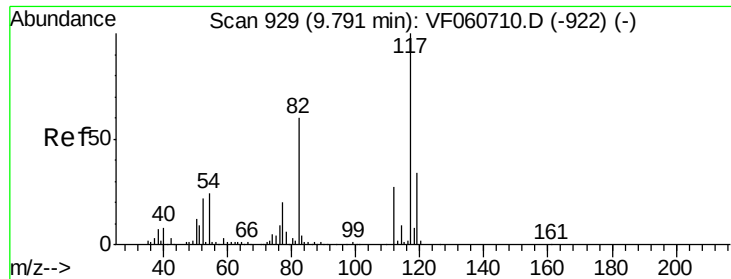
Delta R.T. 0.00 min

Lab File: VF060743.D

Acq: 15 Nov 2018 13:29

Tgt Ion:	95	Resp:	2367
Ion Ratio	Lower	Upper	
95	100		
174	0.0	0.0	121.6
176	6.1	0.0	115.2





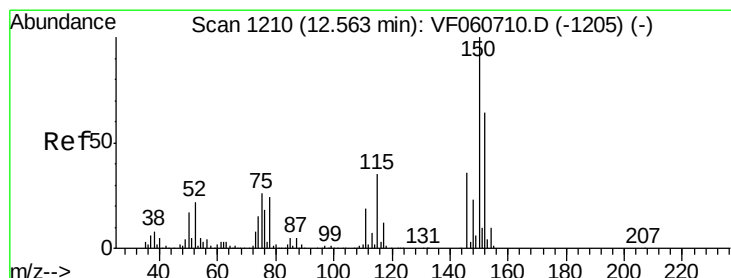
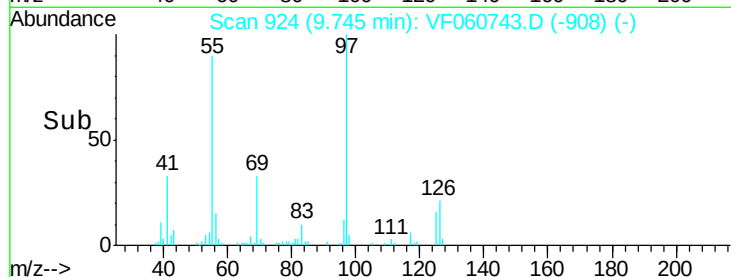
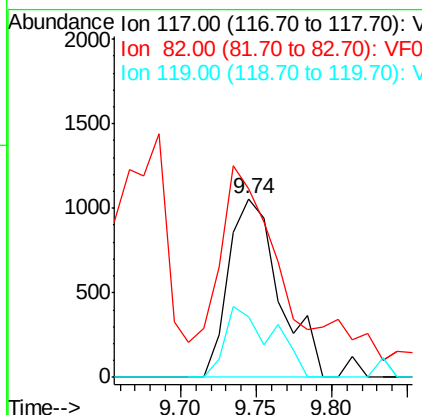
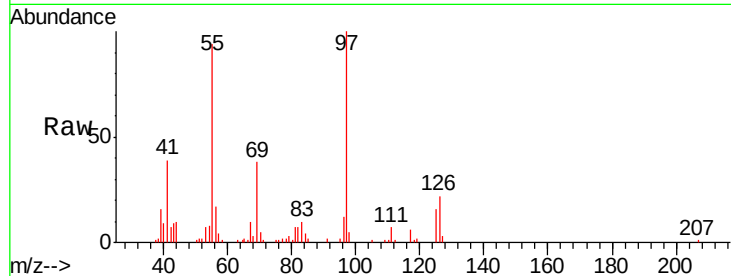
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.74 min Scan# 924
Delta R.T. -0.05 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Instrument :
MSVOA_F
ClientSampleId :
TP-1D1

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	2478		
82	105.5	47.9	71.9#	
119	34.0	26.8	40.2	

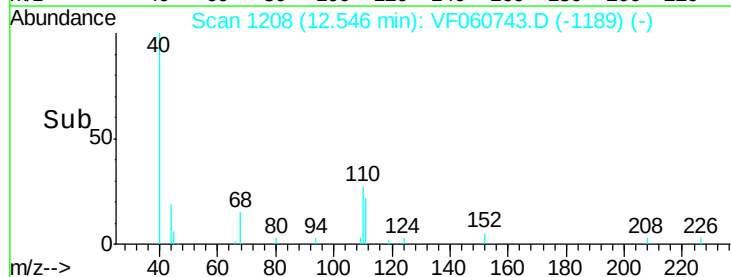
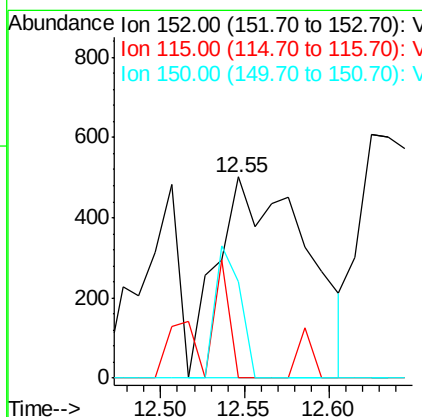
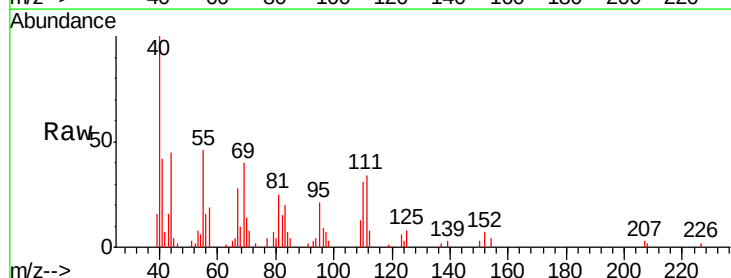
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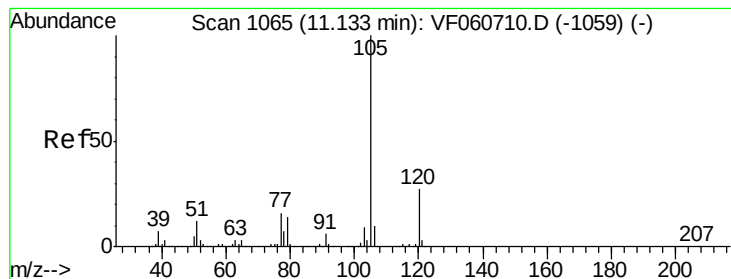
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.02 min
Lab File: VF060743.D
Acq: 15 Nov 2018 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1847		
115	0.0	27.9	83.7#	
150	47.9	0.0	316.4	





#73

Isopropylbenzene

Concen: 111.76 ug/l

RT: 11.11 min Scan# 1062

Delta R.T. -0.03 min

Lab File: VF060743.D

Acq: 15 Nov 2018 13:29

Instrument :

MSVOA_F

ClientSampled :

TP-1D1

Tgt Ion: 105 Resp: 16615

Ion Ratio Lower Upper

105 100

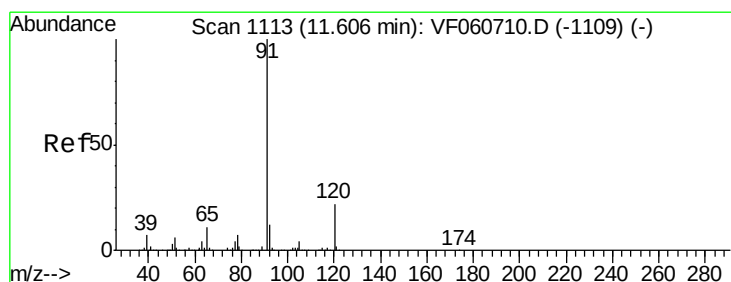
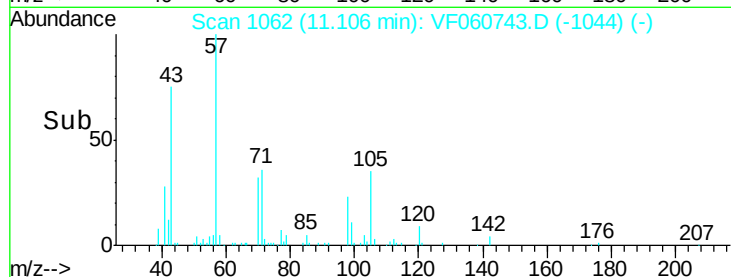
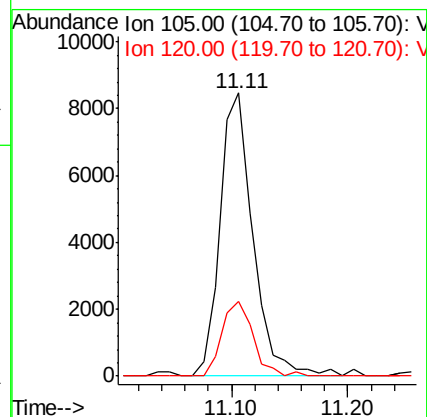
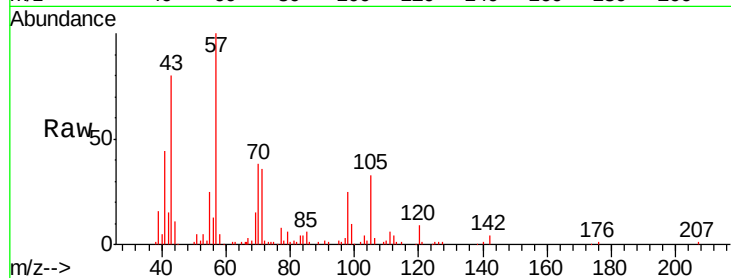
120 26.5 13.4 40.1

Manual Integrations

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#78

n-propylbenzene

Concen: 143.40 ug/l

RT: 11.58 min Scan# 1110

Delta R.T. -0.03 min

Lab File: VF060743.D

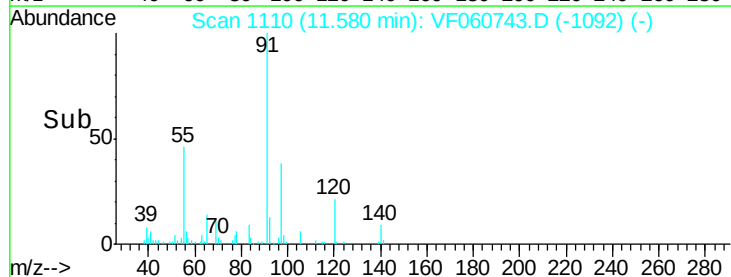
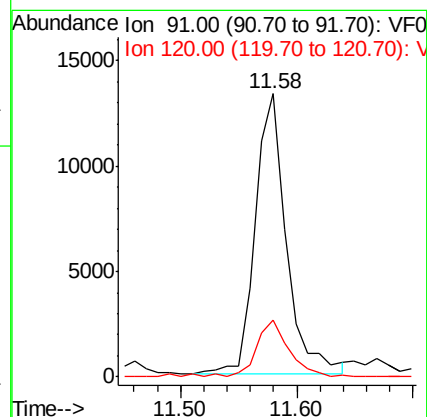
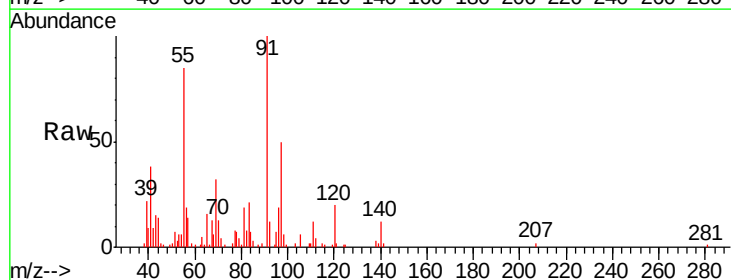
Acq: 15 Nov 2018 13:29

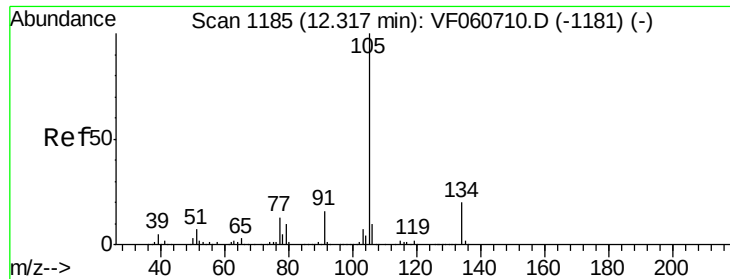
Tgt Ion: 91 Resp: 24865

Ion Ratio Lower Upper

91 100

120 20.3 11.2 33.5





#85

sec-Butylbenzene

Concen: 241.44 ug/l

RT: 12.29 min Scan# 1182

Delta R.T. -0.03 min

Lab File: VF060743.D

Acq: 15 Nov 2018 13:29

Instrument :

MSVOA_F

ClientSampleId :

TP-1D1

Tgt Ion: 105 Resp: 41045

Ion Ratio Lower Upper

105 100

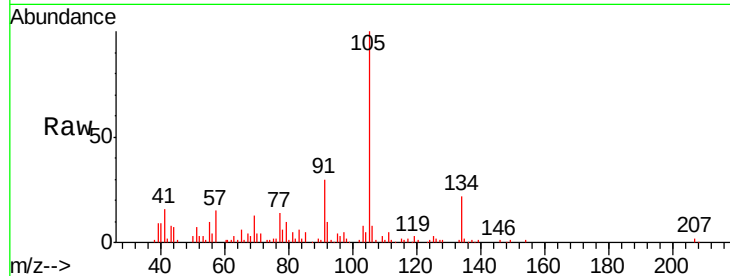
134 21.9 10.1 30.3

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

12.29

30000

25000

20000

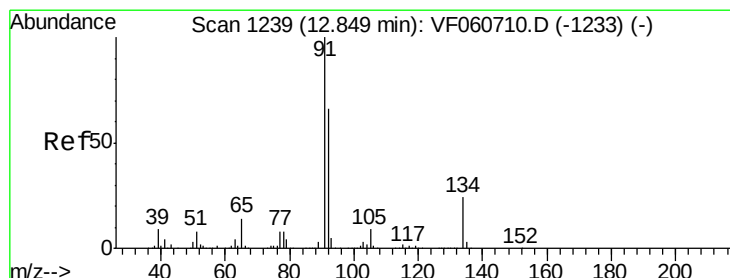
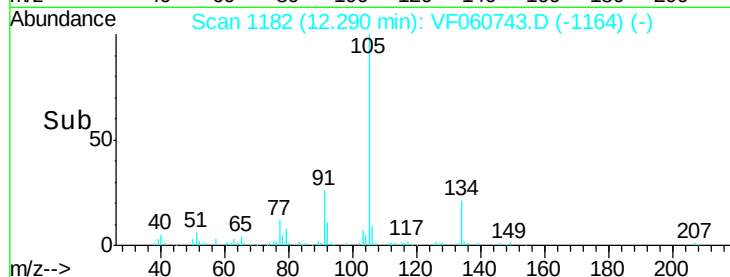
15000

10000

5000

0

Time-->



#89

n-Butylbenzene

Concen: 48.07 ug/l

RT: 12.83 min Scan# 1237

Delta R.T. -0.02 min

Lab File: VF060743.D

Acq: 15 Nov 2018 13:29

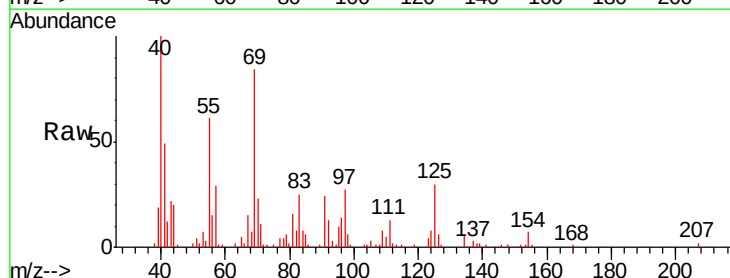
Tgt Ion: 91 Resp: 6965

Ion Ratio Lower Upper

91 100

92 56.0 33.1 99.2

134 26.6 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V

12.83

6000

4000

2000

0

Time-->

