

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111918\
 Data File : VF060794.D
 Acq On : 19 Nov 2018 23:51
 Operator : VA/AP
 Sample : J5950-14
 Misc : 5.80µ/5mL/MSVOA-F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SSI-08

Manual Integrations
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Quant Time: Nov 20 03:29:12 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	4.89	168	194839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	320863	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.79	117	262336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	144063	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	97816	44.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.02%	
35) Dibromofluoromethane	4.12	113	128895	53.44	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	106.88%	
50) Toluene-d8	7.56	98	326037	52.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.78%	
62) 4-Bromofluorobenzene	11.42	95	142540	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.88%	
Target Compounds						
20) Methylene Chloride	2.19	84	7042m	1.697	ug/l	
67) Ethyl Benzene	9.91	91	129487	12.977	ug/l	97
68) m/p-Xylenes	10.15	106	231024	64.785	ug/l	94
69) o-Xylene	10.73	106	92991	23.194	ug/l	99
84) 1,2,4-Trimethylbenzene	12.22	105	9937	1.044	ug/l	90

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

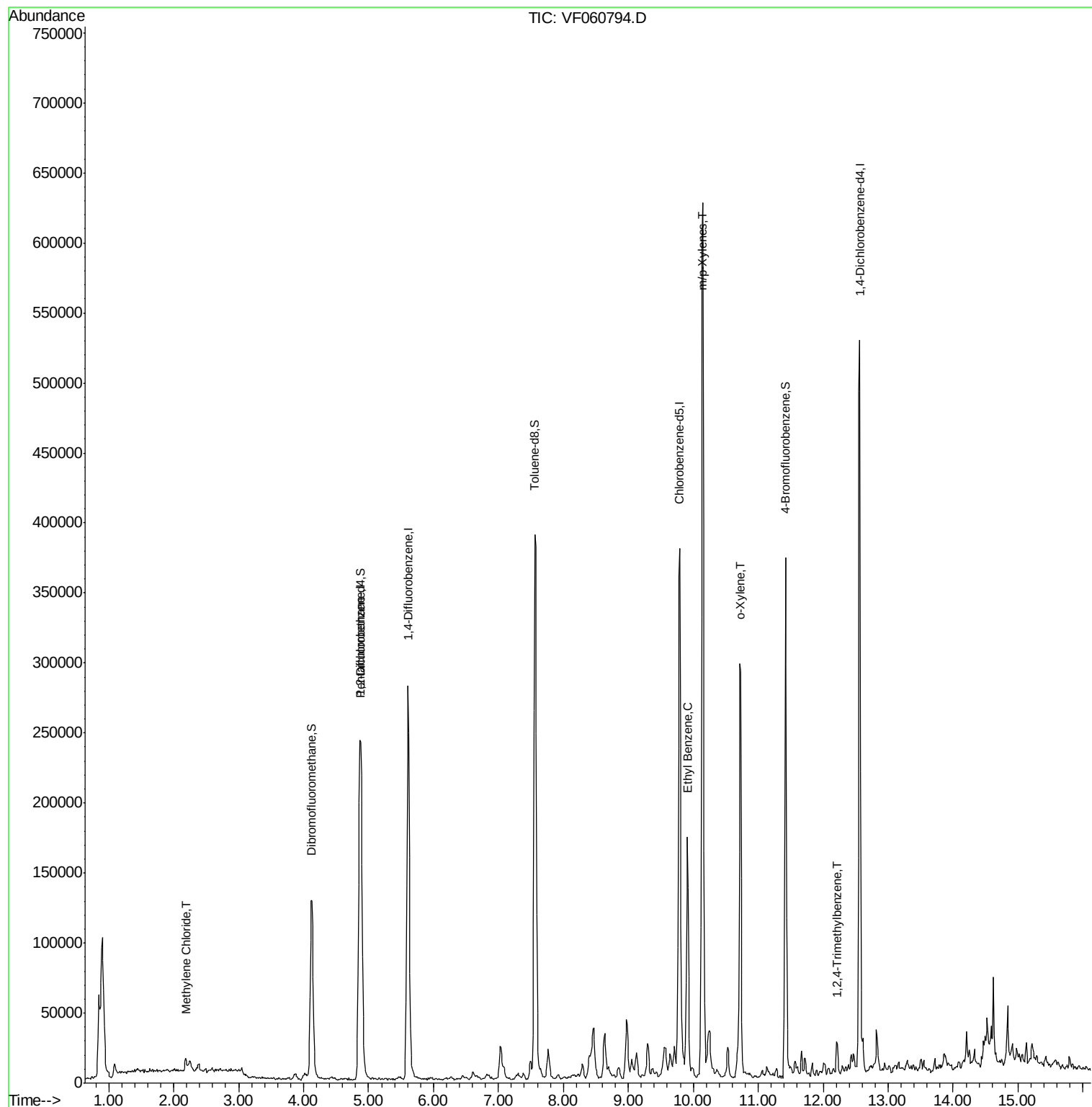
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF111918\
Data File : VF060794.D
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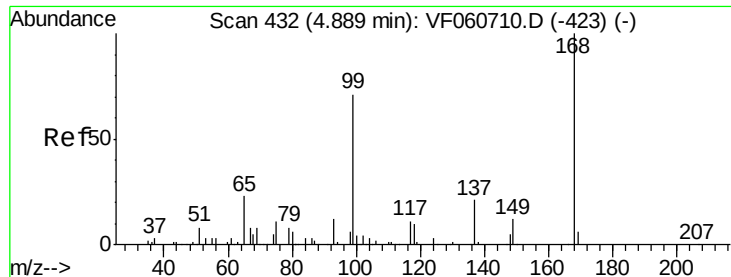
Instrument :
MSVOA_F
ClientSampleId :
SSI-08

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Quant Time: Nov 20 03:29:12 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.89 min Scan# 432

Delta R.T. -0.00 min

Lab File: VF060794.D

Acq: 19 Nov 2018 23:51

Instrument :

MSVOA_F

ClientSampled :

SSI-08

Tot Ion:168 Resp: 194839

Ion Ratio Lower Upper

168 100

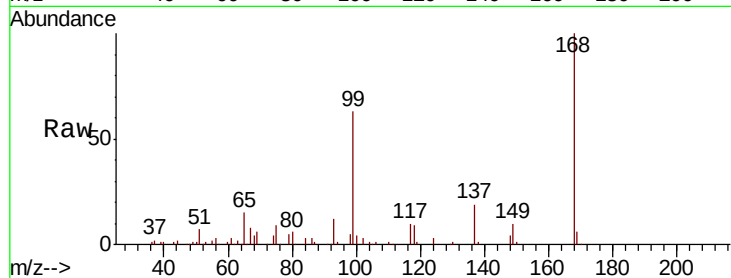
99 63.2 57.2 85.8

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.89

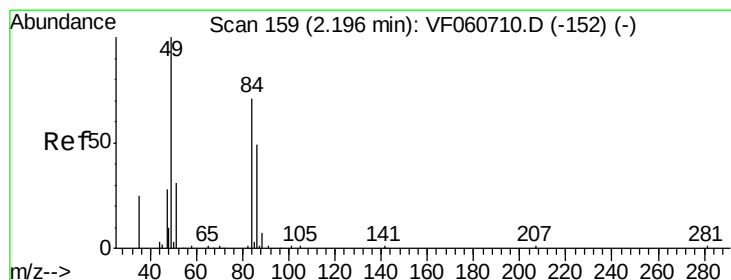
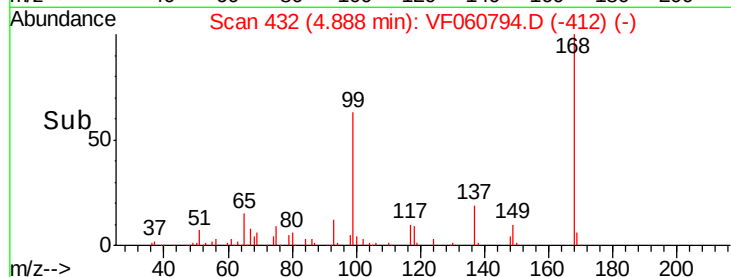
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00 5.10



#20

Methylene Chloride

Concen: 1.697 ug/l m

RT: 2.19 min Scan# 158

Delta R.T. -0.01 min

Lab File: VF060794.D

Acq: 19 Nov 2018 23:51

Tgt Ion: 84 Resp: 7042

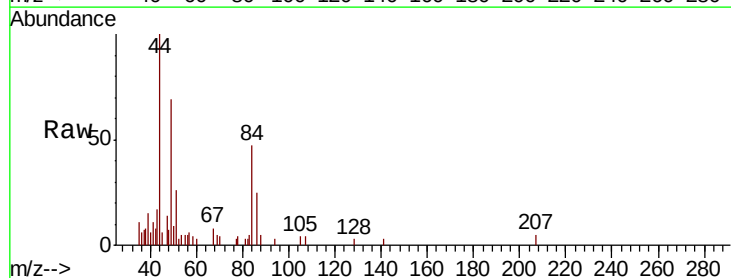
Ion Ratio Lower Upper

84 100

49 144.9 120.2 180.4

51 54.2 37.2 55.8

86 53.4 55.1 82.7#



Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

2.19

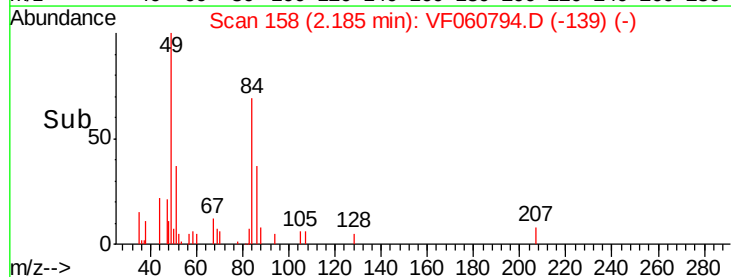
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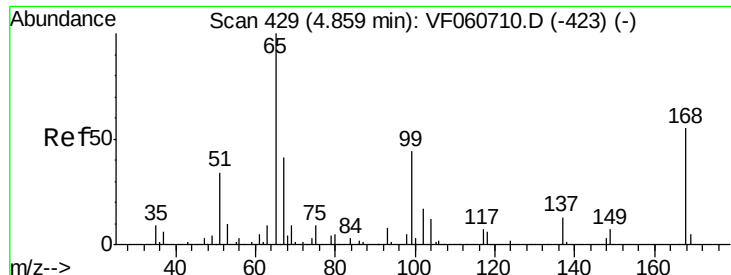
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1000

0

Time--> 2.10 2.20 2.30





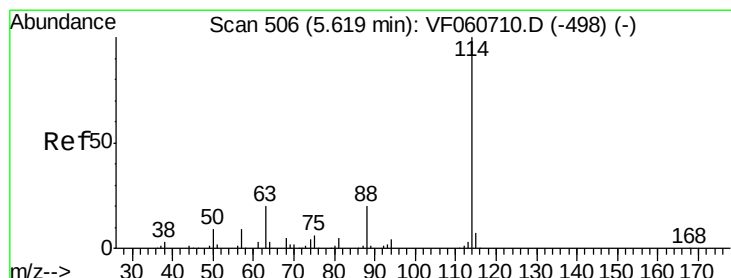
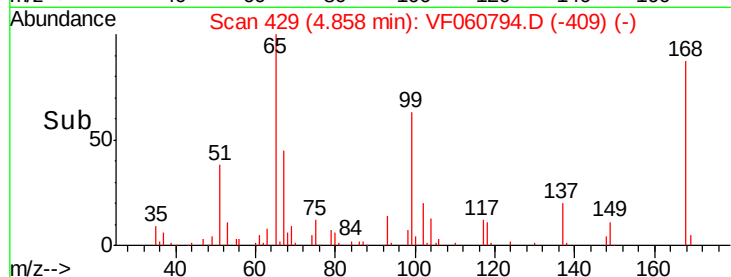
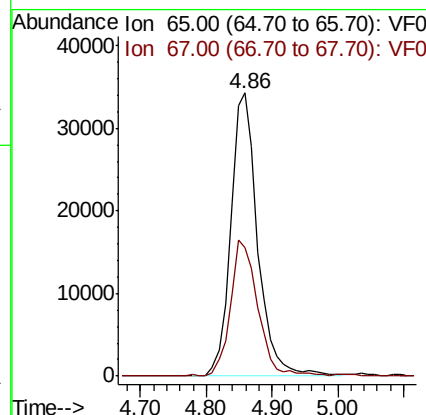
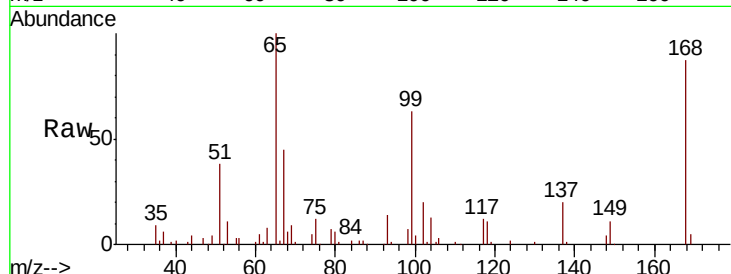
#33
 1,2-Dichloroethane-d4
 Concen: 44.014 ug/l
 RT: 4.86 min Scan# 429
 Delta R.T. -0.00 min
 Lab File: VF060794.D
 Acq: 19 Nov 2018 23:51

Instrument :
 MSVOA_F
 ClientSampled :
 SSI-08

Tot Ion	Ratio	Resp	Lower	Upper
65	100	97816		
67	45.4	0.0	90.2	

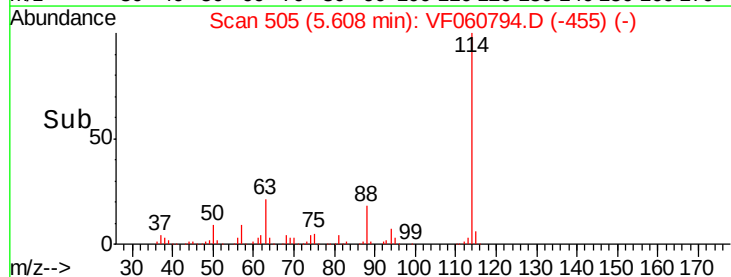
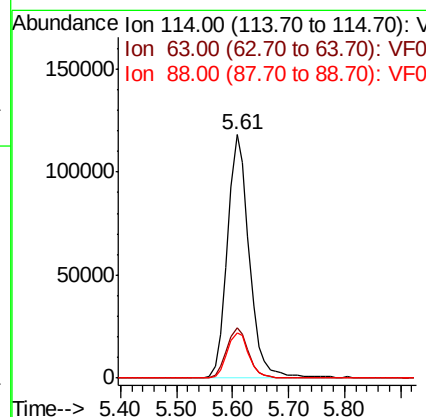
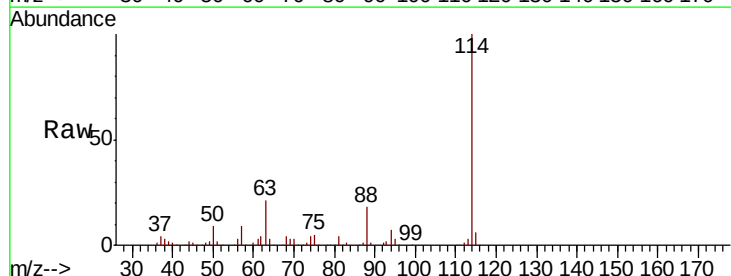
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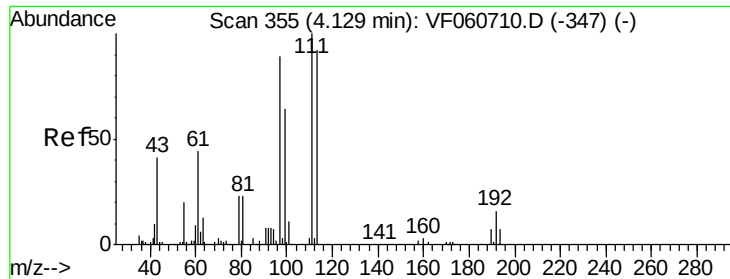
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.61 min Scan# 505
 Delta R.T. -0.01 min
 Lab File: VF060794.D
 Acq: 19 Nov 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	320863		
63	20.8	0.0	40.8	
88	18.3	0.0	39.6	





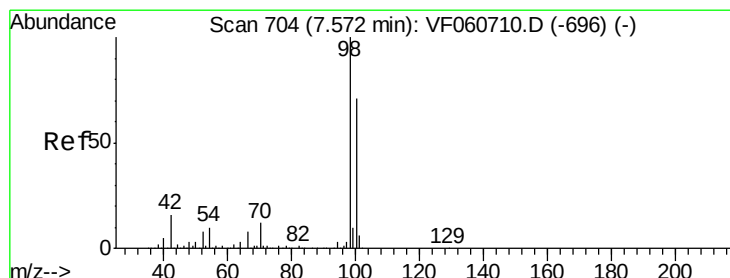
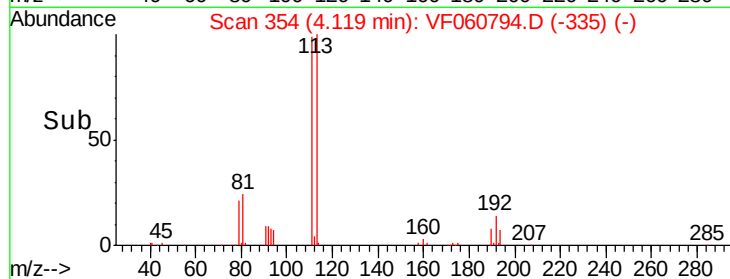
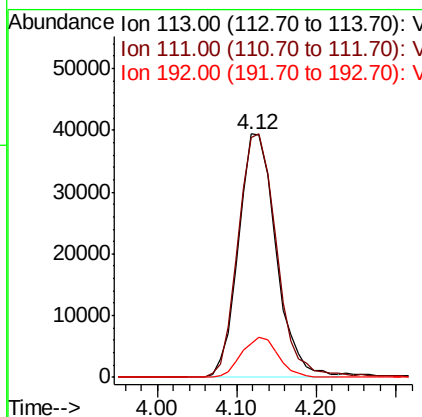
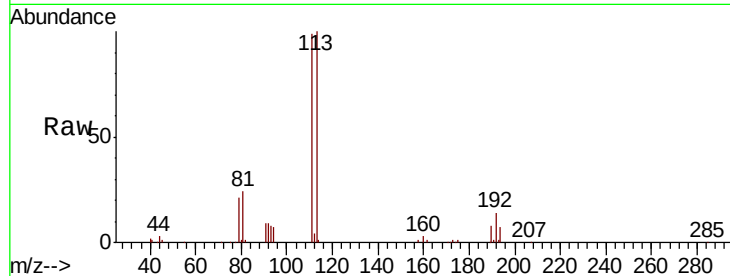
#35
Dibromofluoromethane
Concen: 53.441 ug/l
RT: 4.12 min Scan# 354
Delta R.T. -0.01 min
Lab File: VF060794.D
Acq: 19 Nov 2018 23:51

Instrument :
MSVOA_F
ClientSampled :
SSI-08

Tot Ion	Ratio	Resp	Lower	Upper
113	100	128895		
111	98.9	87.1	130.7	
192	13.8	13.8	20.6	

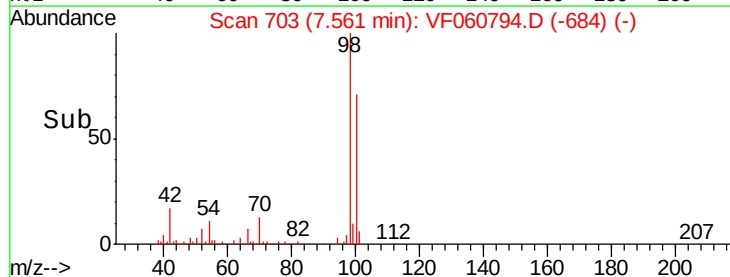
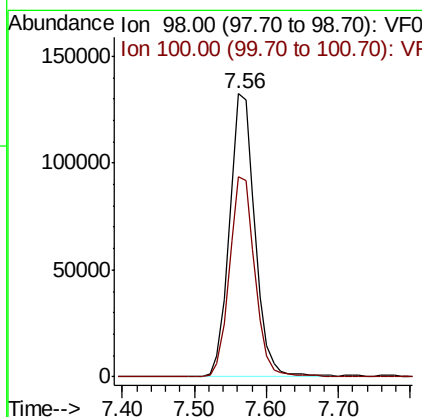
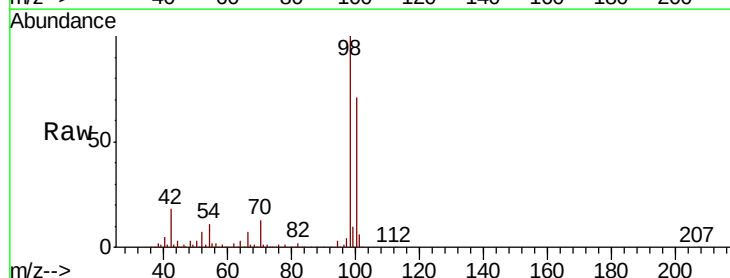
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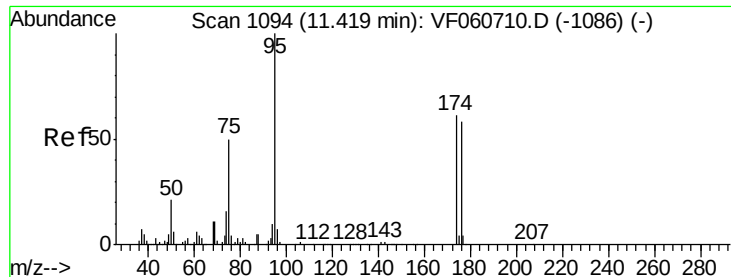
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#50
Toluene-d8
Concen: 52.891 ug/l
RT: 7.56 min Scan# 703
Delta R.T. -0.01 min
Lab File: VF060794.D
Acq: 19 Nov 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	326037		
100	70.8	56.5	84.7	





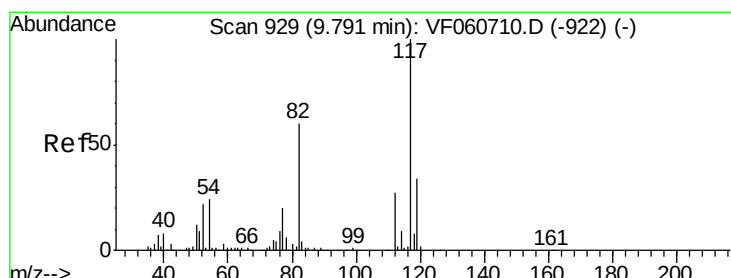
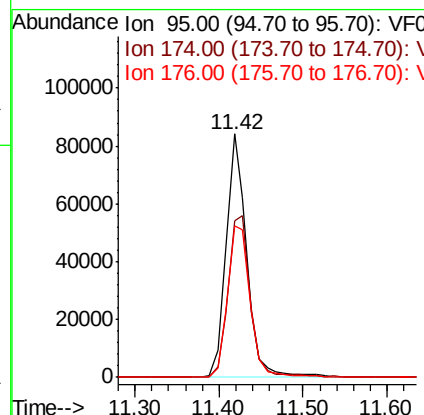
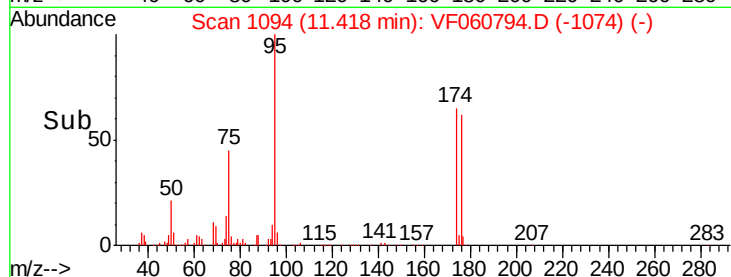
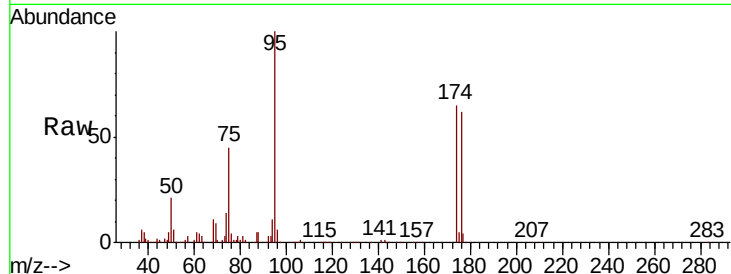
#62
4-Bromofluorobenzene
Concen: 49.935 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF060794.D
Acq: 19 Nov 2018 23:51

Instrument :
MSVOA_F
ClientSampled :
SSI-08

Tot Ion	Ratio	Resp	Lower	Upper
95	100	142540		
174	64.5	0.0	121.6	
176	62.4	0.0	115.2	

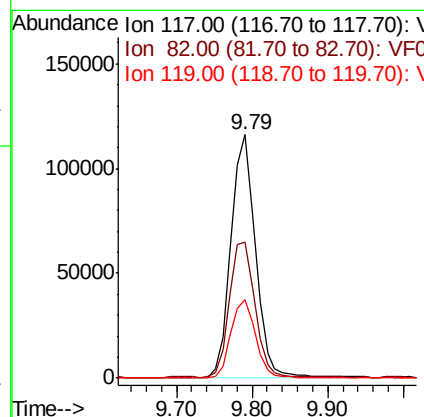
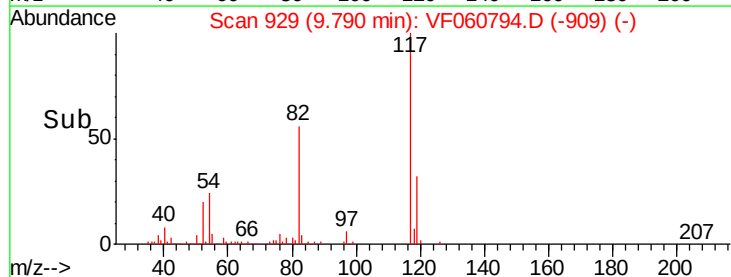
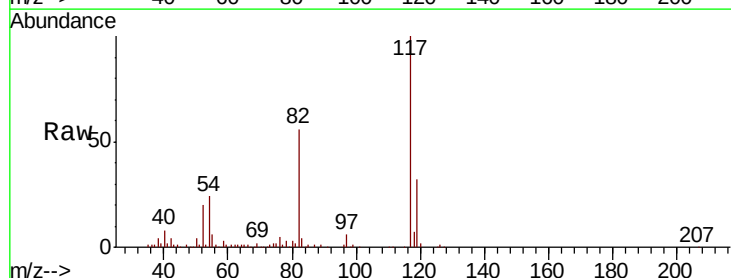
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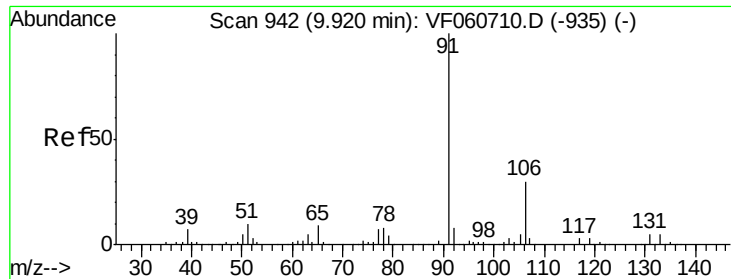
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. -0.00 min
Lab File: VF060794.D
Acq: 19 Nov 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	262336		
82	56.1	47.9	71.9	
119	32.2	26.8	40.2	





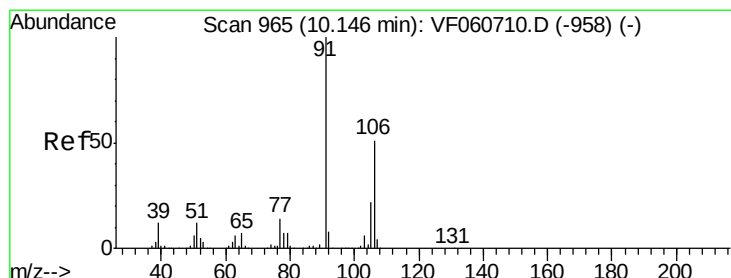
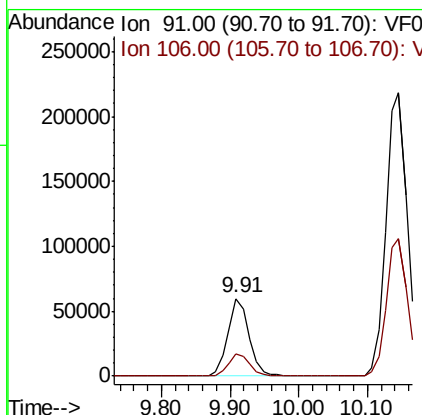
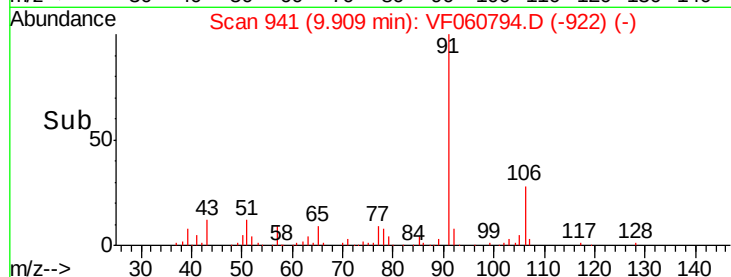
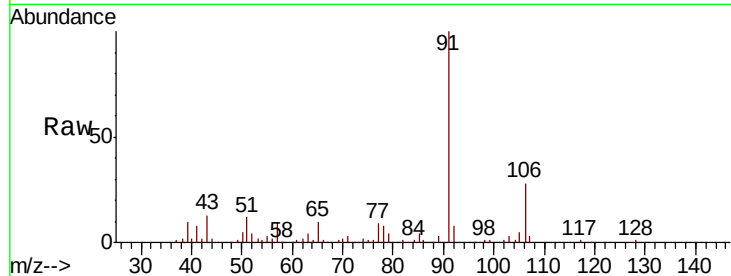
#67
Ethyl Benzene
Concen: 12.977 ug/l
RT: 9.91 min Scan# 941
Delta R.T. -0.01 min
Lab File: VF060794.D
Acq: 19 Nov 2018 23:51

Instrument :
MSVOA_F
ClientSampled :
SSI-08

Tot Ion: 91 Resp: 129487
Ion Ratio Lower Upper
91 100
106 28.0 23.9 35.9

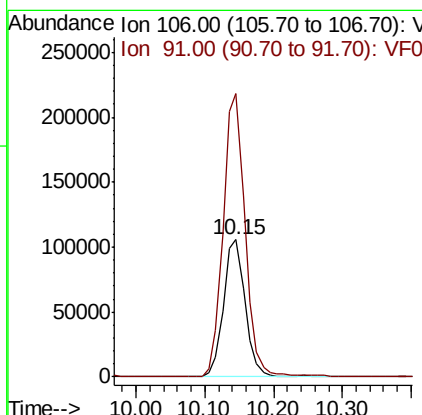
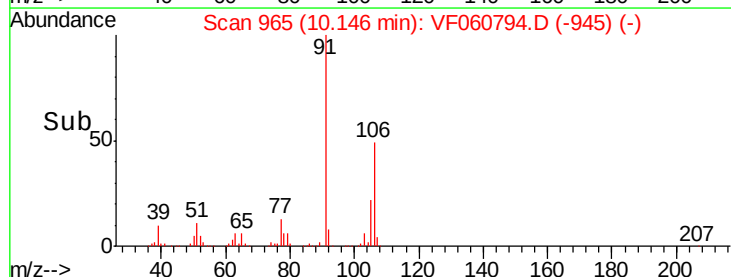
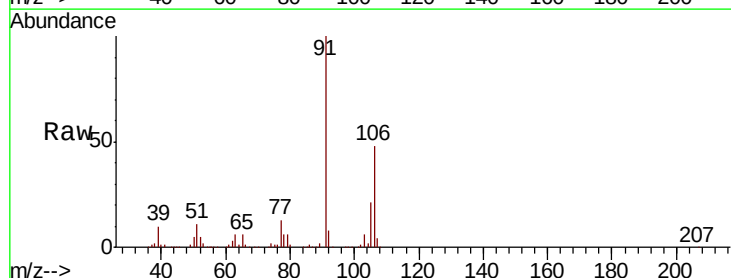
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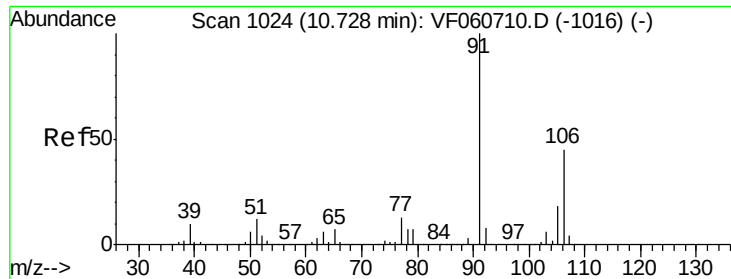
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#68
m/p-Xylenes
Concen: 64.785 ug/l
RT: 10.15 min Scan# 965
Delta R.T. -0.00 min
Lab File: VF060794.D
Acq: 19 Nov 2018 23:51

Tgt Ion: 106 Resp: 231024
Ion Ratio Lower Upper
106 100
91 206.3 158.2 237.2





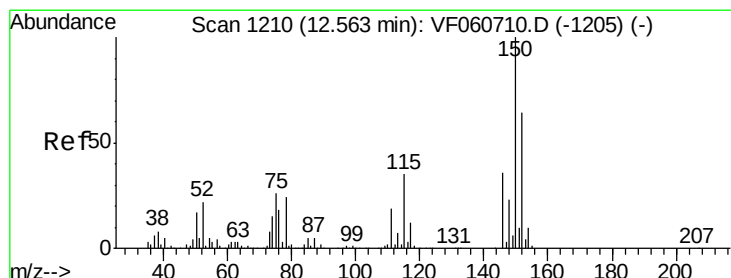
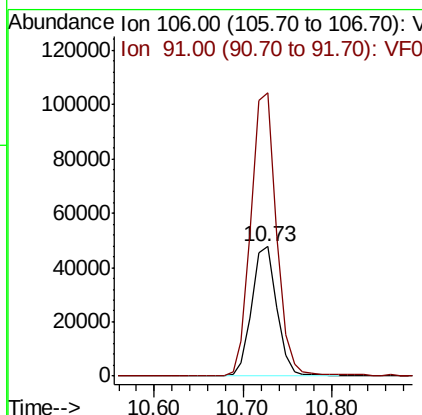
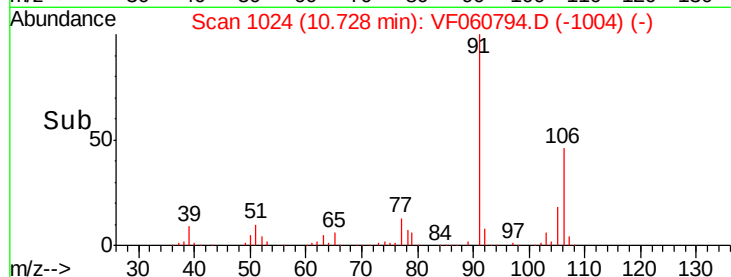
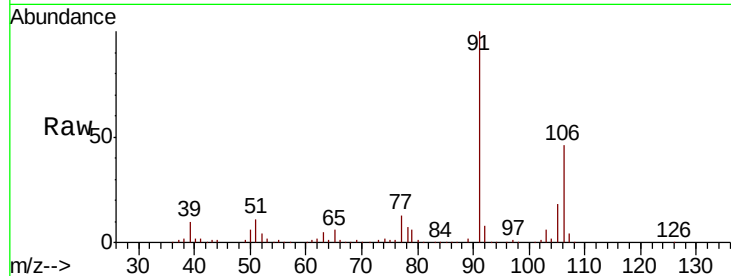
#69
o-Xylene
Concen: 23.194 ug/l
RT: 10.73 min Scan# 1024
Delta R.T. -0.00 min
Lab File: VF060794.D
Acq: 19 Nov 2018 23:51

Instrument :
MSVOA_F
ClientSampled :
SSI-08

Tot Ion:106 Resp: 92991
Ion Ratio Lower Upper
106 100
91 219.0 110.3 330.9

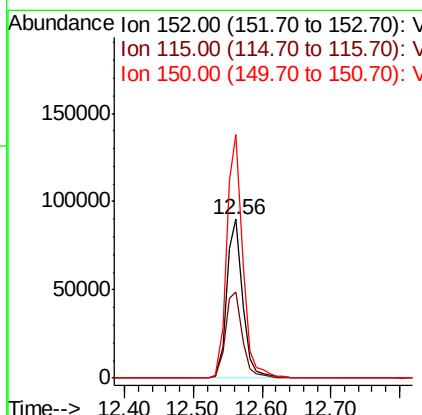
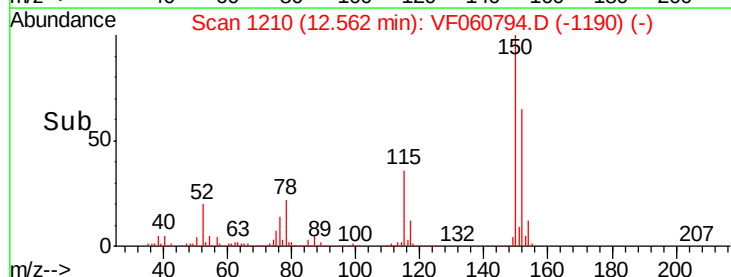
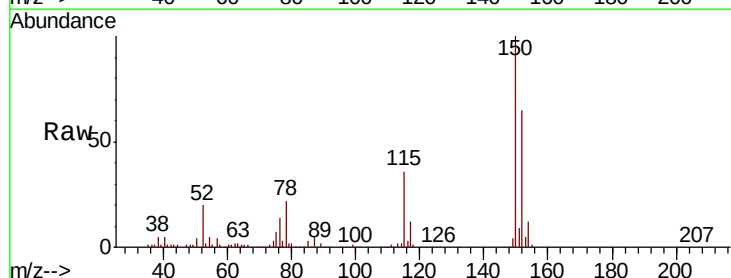
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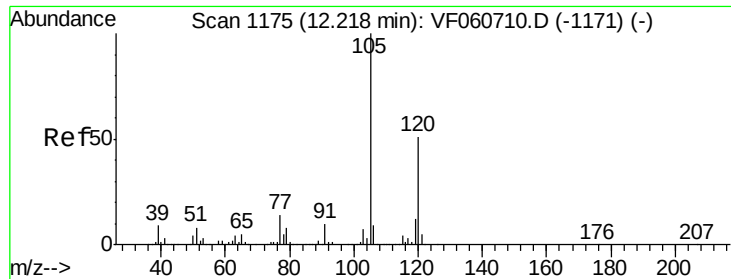
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. -0.00 min
Lab File: VF060794.D
Acq: 19 Nov 2018 23:51

Tgt Ion:152 Resp: 144063
Ion Ratio Lower Upper
152 100
115 54.5 27.9 83.7
150 153.2 0.0 316.4





#84
 1,2,4-Trimethylbenzene
 Concen: 1.044 ug/l
 RT: 12.22 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VF060794.D
 Acq: 19 Nov 2018 23:51

Instrument :
 MSVOA_F
 ClientSampleId :
 SSI-08

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.1	25.5	76.5

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