

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110518\
 Data File : VF060598.D
 Acq On : 6 Nov 2018 6:43
 Operator : VA/AP
 Sample : J5776-01
 Misc : 5.33/5mL/MSVOA-F/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 NJ-GREEN

Manual Integrations
 APPROVED

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 11/6/2018 12:53:56 PM

Quant Time: Nov 06 08:14:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	195210	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.61	114	405365	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.78	117	322884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	158563	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	129361	65.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.18%	
35) Dibromofluoromethane	4.12	113	152497	48.69	ug/l	0.01
Spiked Amount 50.000			Recovery	=	97.38%	
50) Toluene-d8	7.56	98	313454	33.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.58%	
62) 4-Bromofluorobenzene	11.42	95	156902	38.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.32%	
Target Compounds						
20) Methylene Chloride	2.19	84	18382m	8.841	ug/l	Qvalue
30) Chloroform	3.87	83	6440	1.434	ug/l	92

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

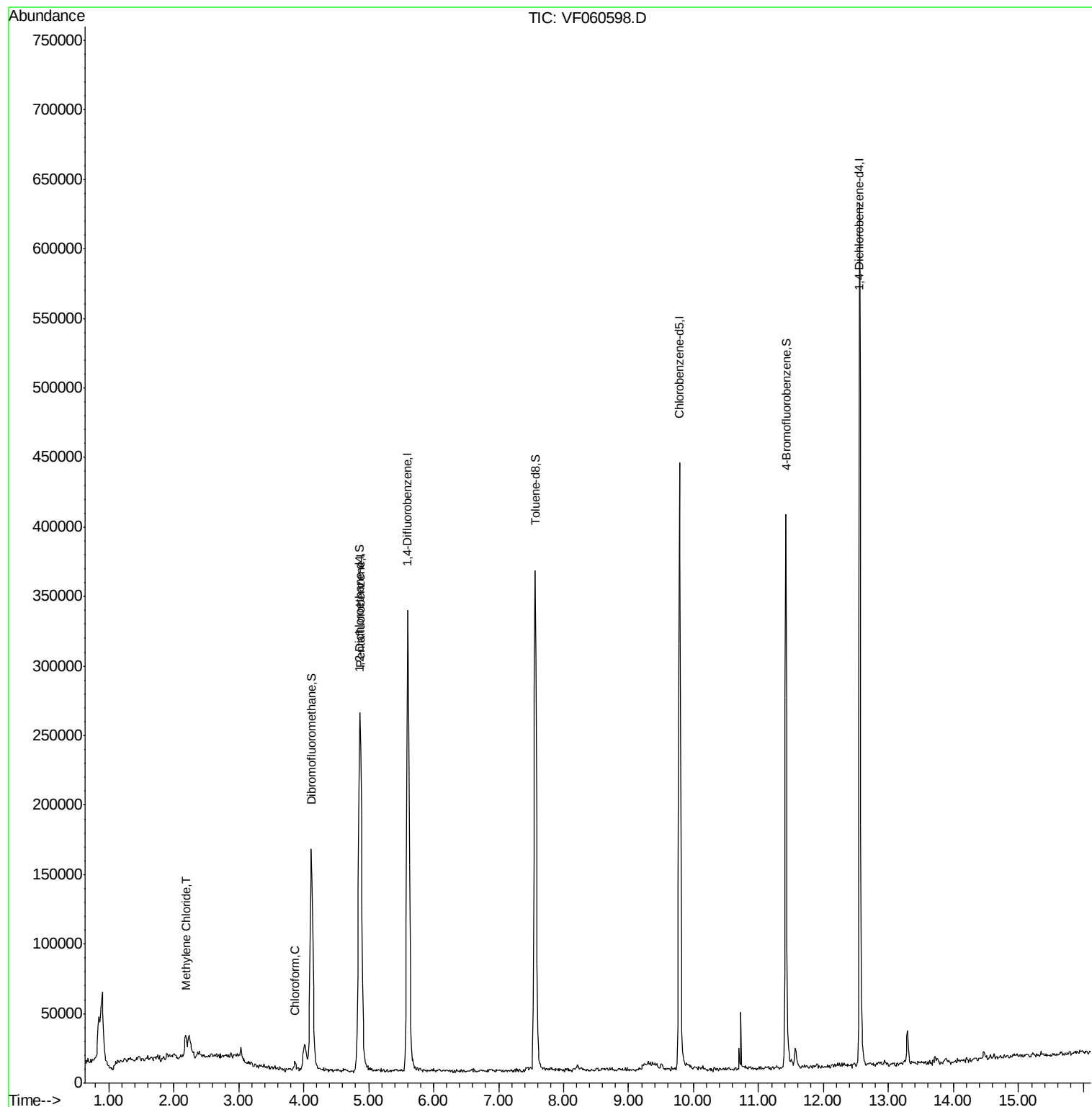
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Data File : VF060598.D
Acq On : 6 Nov 2018 6:43
Operator : VA/AP
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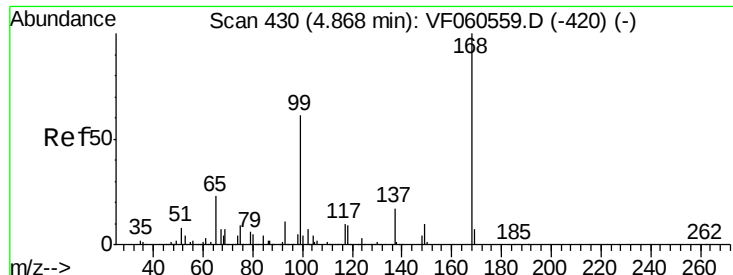
Instrument :
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ClientSampleId :
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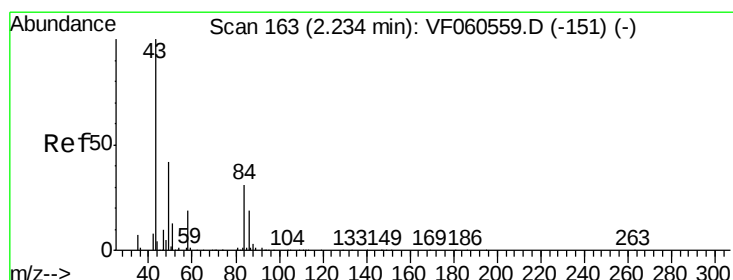
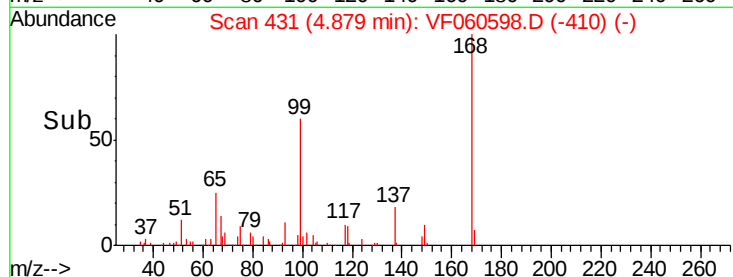
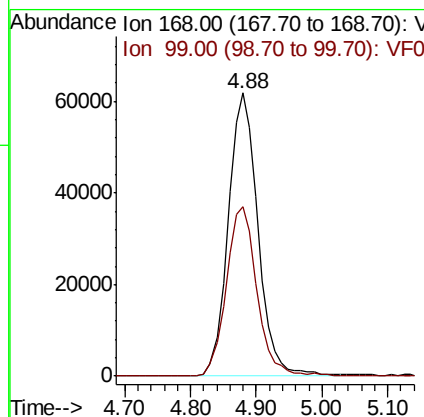
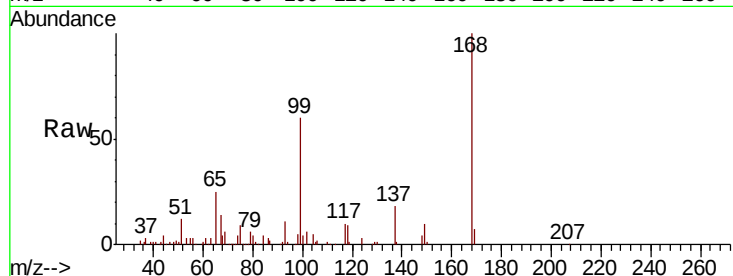
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.88 min Scan# 431
Delta R.T. 0.01 min
Lab File: VF060598.D
Acq: 6 Nov 2018 6:43

Instrument :
MSVOA_F
ClientSampleId :
NJ-GREEN

Tot Ion	Ratio	Lower	Upper
168	100		
99	60.0	48.6	72.8

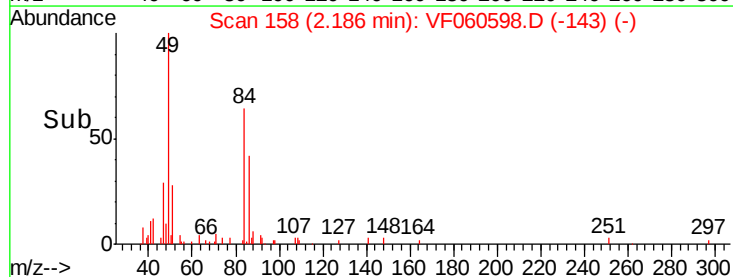
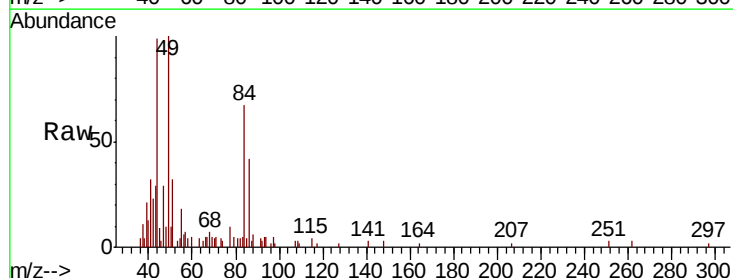
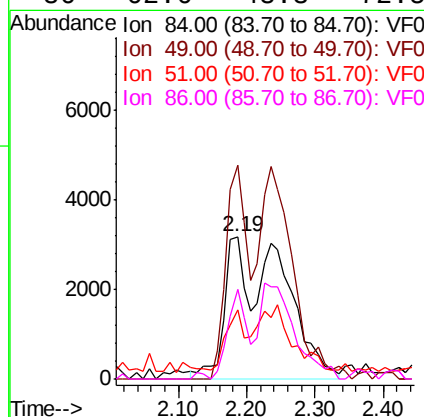
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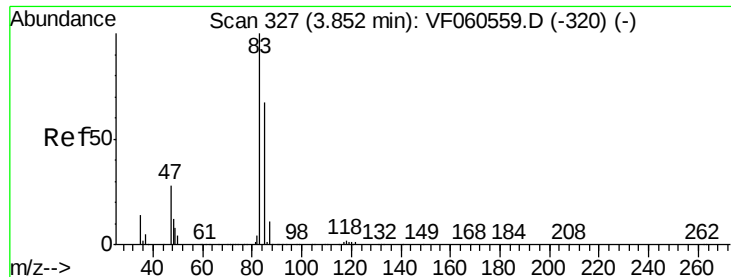
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#20
Methylene Chloride
Concen: 8.841 ug/l m
RT: 2.19 min Scan# 158
Delta R.T. -0.05 min
Lab File: VF060598.D
Acq: 6 Nov 2018 6:43

Tgt Ion	Ratio	Lower	Upper
84	100		
49	149.9	109.9	164.9
51	48.5	35.8	53.8
86	62.6	48.3	72.5





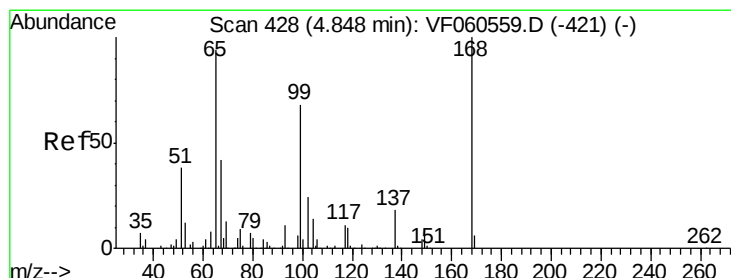
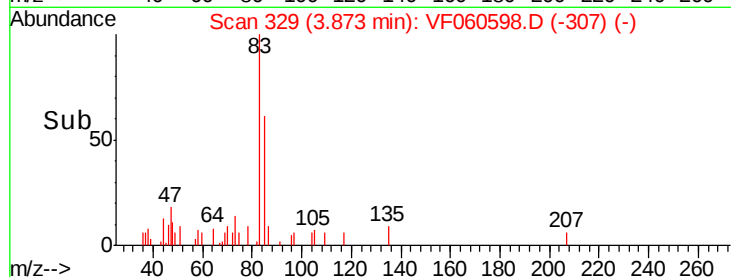
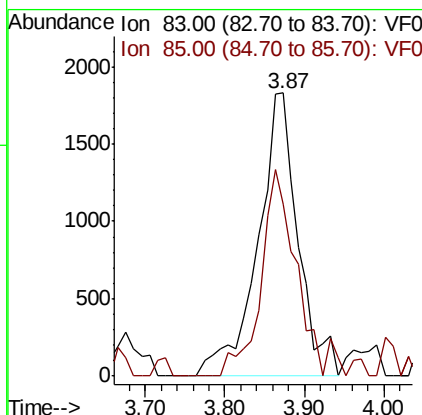
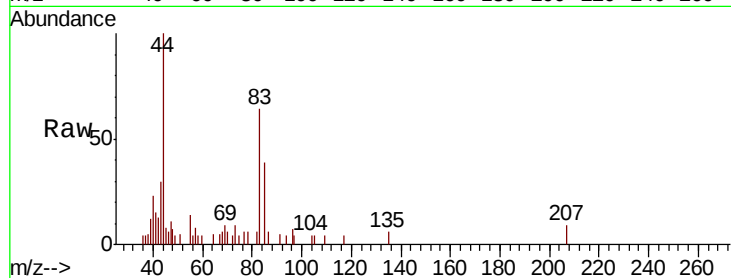
#30
Chloroform
Concen: 1.434 ug/l
RT: 3.87 min Scan# 329
Delta R.T. 0.02 min
Lab File: VF060598.D
Acq: 6 Nov 2018 6:43

Instrument :
MSVOA_F
ClientSampleId :
NJ-GREEN

Tot Ion: 83 Resp: 6440
Ion Ratio Lower Upper
83 100
85 60.9 53.7 80.5

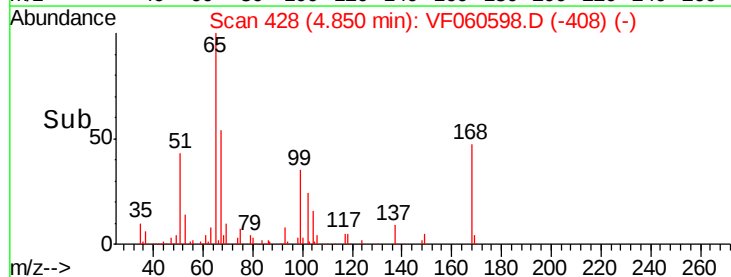
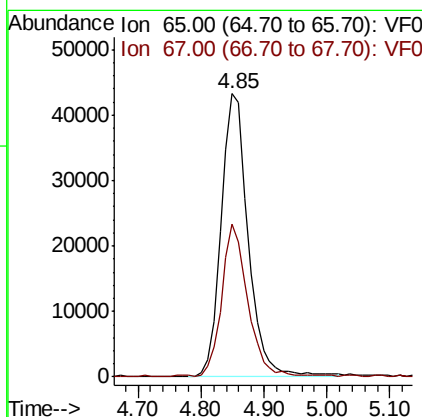
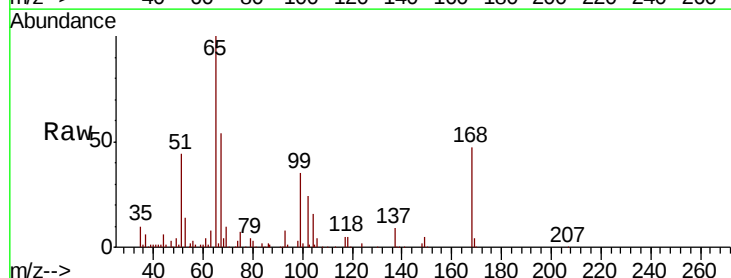
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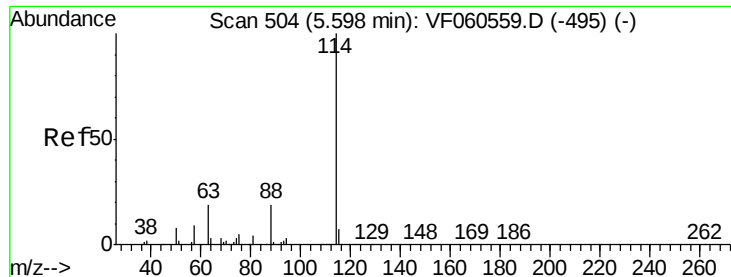
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#33
1,2-Dichloroethane-d4
Concen: 65.587 ug/l
RT: 4.85 min Scan# 428
Delta R.T. 0.00 min
Lab File: VF060598.D
Acq: 6 Nov 2018 6:43

Tgt Ion: 65 Resp: 129361
Ion Ratio Lower Upper
65 100
67 54.2 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 505

Delta R.T. 0.01 min

Lab File: VF060598.D

Acq: 6 Nov 2018 6:43

Instrument :

MSVOA_F

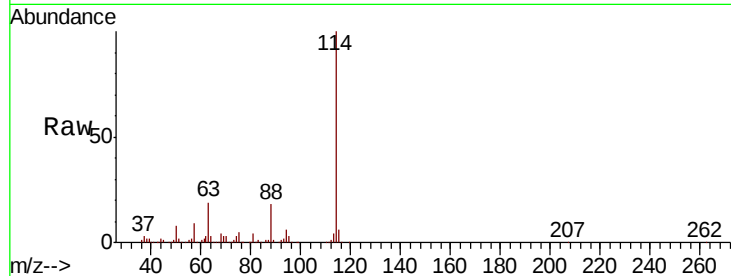
ClientSampleId :

NJ-GREEN

Tot Ion:	114	Resp:	405365
Ion Ratio		Lower	Upper
114	100		
63	18.9	0.0	39.0
88	18.3	0.0	38.2

Manual Integrations
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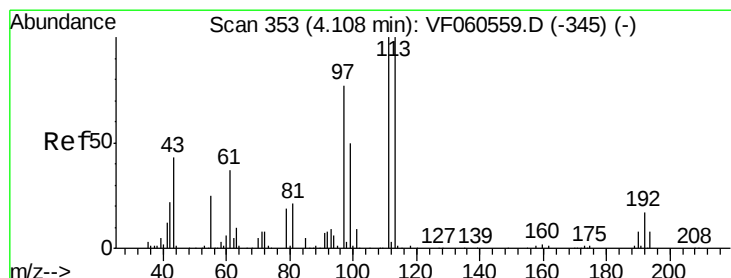
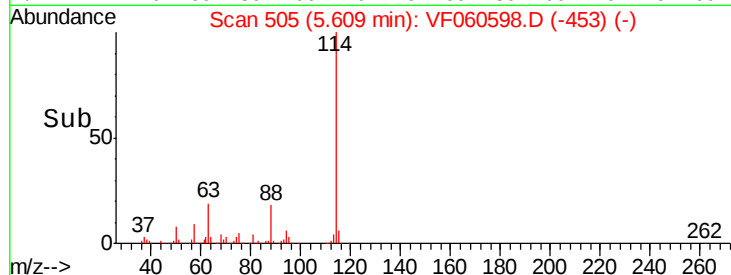
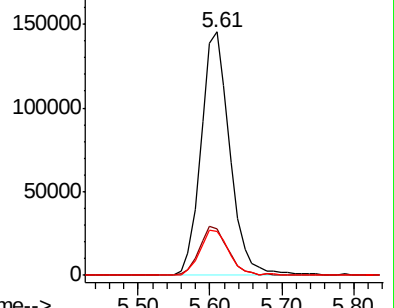
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Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 48.692 ug/l

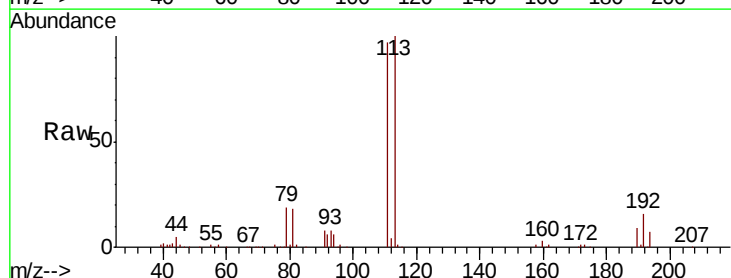
RT: 4.12 min Scan# 354

Delta R.T. 0.01 min

Lab File: VF060598.D

Acq: 6 Nov 2018 6:43

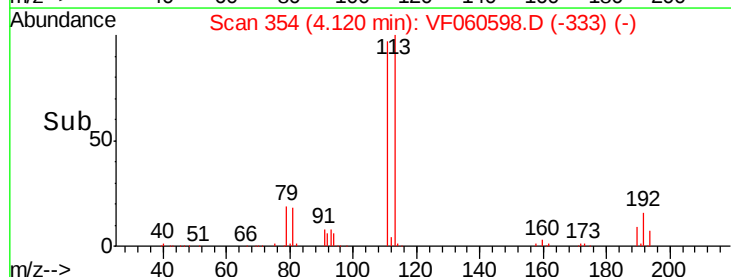
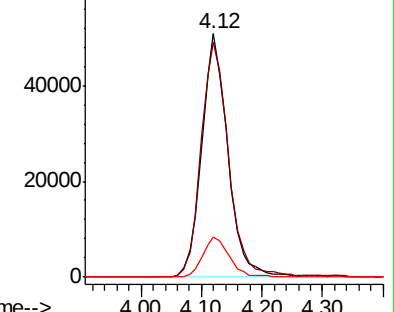
Tgt Ion:	113	Resp:	152497
Ion Ratio		Lower	Upper
113	100		
111	96.6	79.9	119.9
192	16.3	13.3	19.9

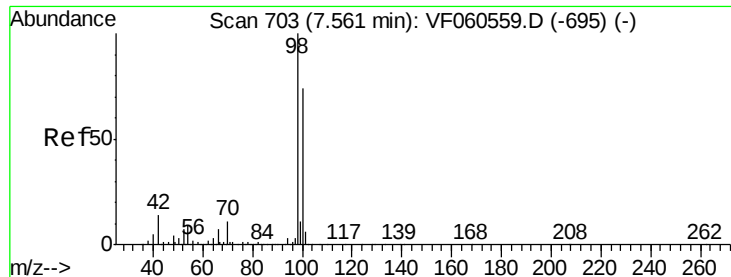


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





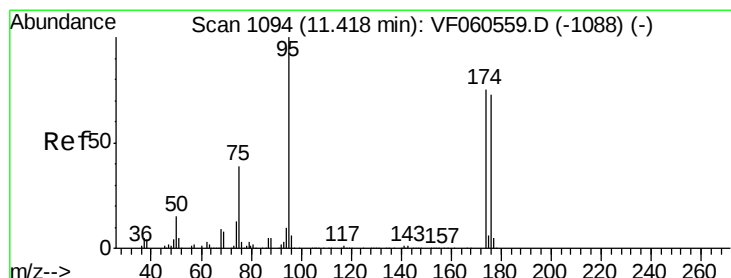
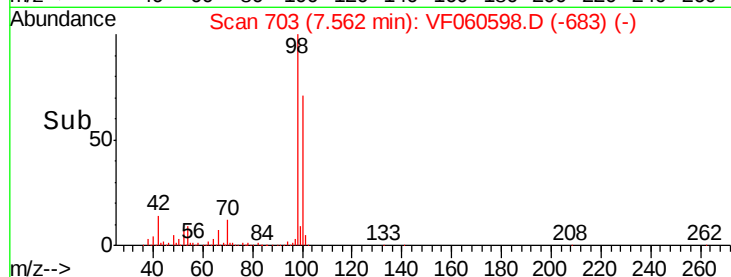
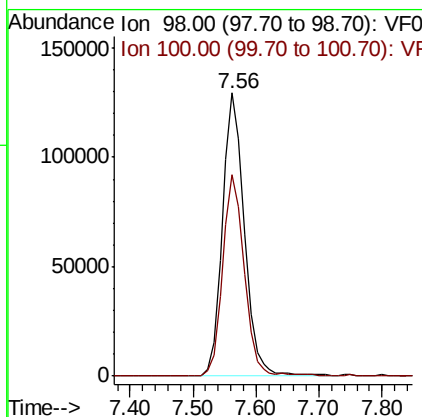
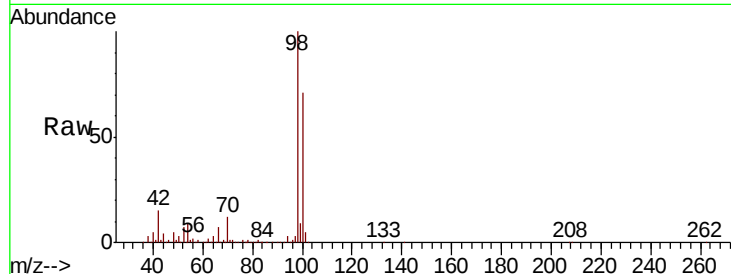
#50
Toluene-d8
Concen: 33.787 ug/l
RT: 7.56 min Scan# 703
Delta R.T. 0.00 min
Lab File: VF060598.D
Acq: 6 Nov 2018 6:43

Instrument :
MSVOA_F
ClientSampleId :
NJ-GREEN

Tot Ion: 98 Resp: 313454
Ion Ratio Lower Upper
98 100
100 71.1 59.4 89.2

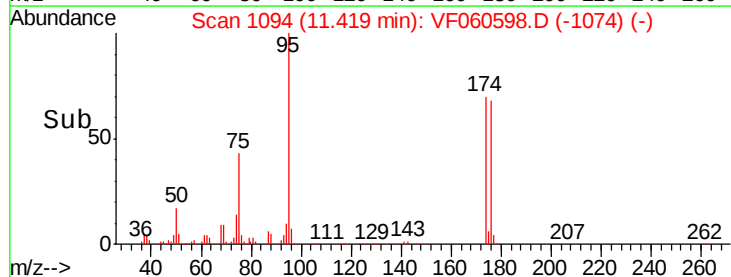
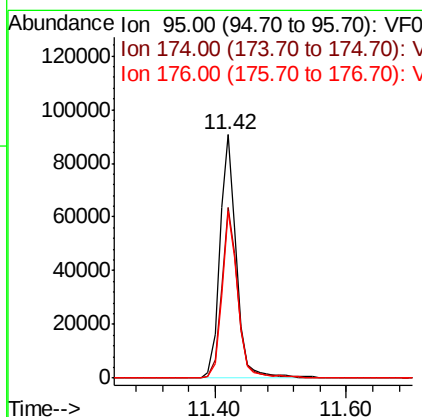
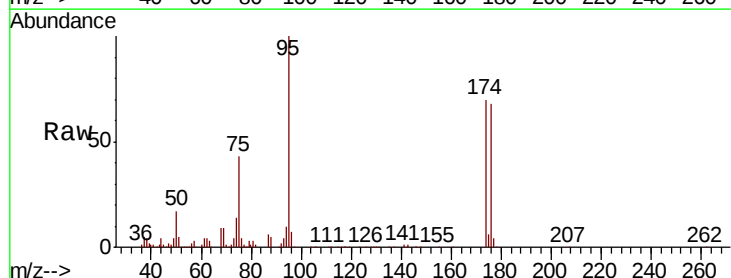
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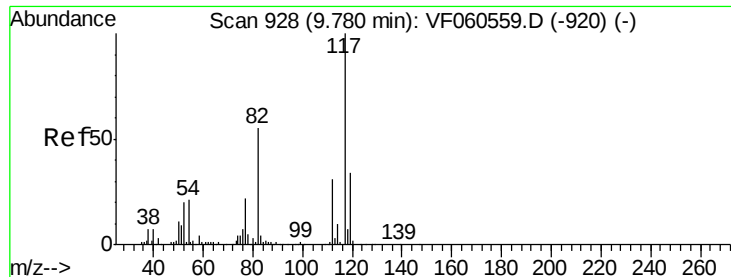
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#62
4-Bromofluorobenzene
Concen: 38.664 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF060598.D
Acq: 6 Nov 2018 6:43

Tgt Ion: 95 Resp: 156902
Ion Ratio Lower Upper
95 100
174 69.9 0.0 149.0
176 68.4 0.0 145.6





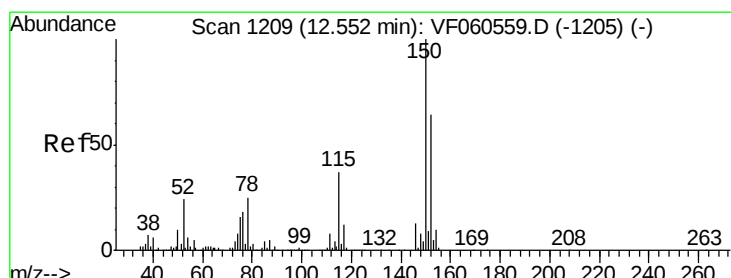
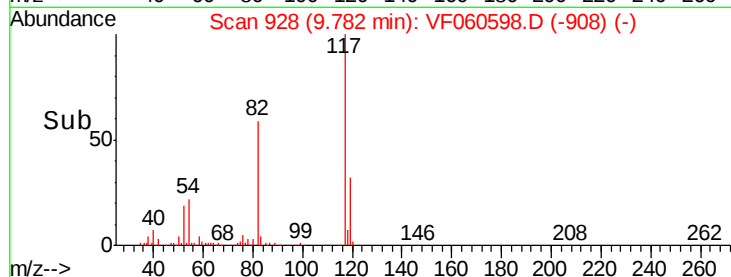
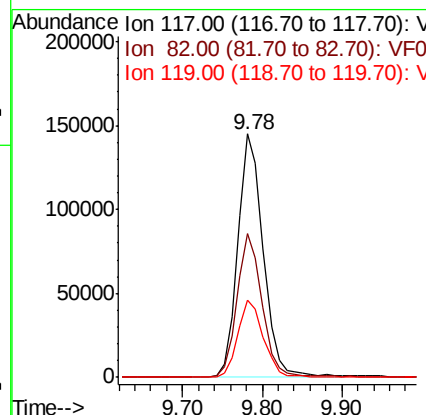
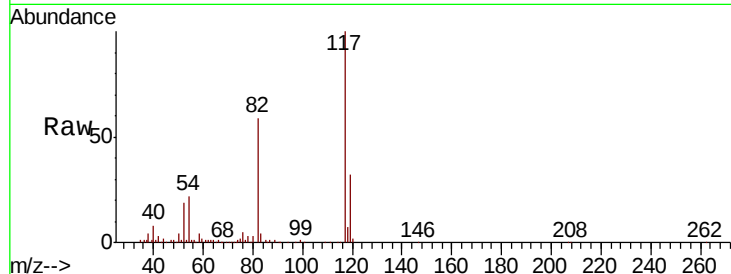
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.00 min
Lab File: VF060598.D
Acq: 6 Nov 2018 6:43

Instrument :
MSVOA_F
ClientSampleId :
NJ-GREEN

Tot Ion	Ratio	Resp	Lower	Upper
117	100	322884		
82	59.0		43.9	65.9
119	31.8		27.4	41.0

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.00 min
Lab File: VF060598.D
Acq: 6 Nov 2018 6:43

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	158563		
115	61.1		29.6	88.8
150	155.2		0.0	315.6

