

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032119\
 Data File : VF062071.D
 Acq On : 21 Mar 2019 20:16
 Operator : VA/AP
 Sample : K1690-01
 Misc : 7.06g/5mL/MSVOA-F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 HD-02-032019

Manual Integrations
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 3/23/2019 2:59:30 AM

Quant Time: Mar 22 08:45:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 03:22:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	245225	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.61	114	395756	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.79	117	308471	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	129945	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	98012	55.52	ug/l	0.02
Spiked Amount 50.000			Recovery	=	111.04%	
35) Dibromofluoromethane	4.13	113	135248	50.89	ug/l	0.02
Spiked Amount 50.000			Recovery	=	101.78%	
50) Toluene-d8	7.57	98	314891	40.53	ug/l	0.02
Spiked Amount 50.000			Recovery	=	81.06%	
62) 4-Bromofluorobenzene	11.43	95	124665	40.39	ug/l	0.02
Spiked Amount 50.000			Recovery	=	80.78%	
Target Compounds						
16) Acetone	2.25	43	29033	73.244	ug/l	99
20) Methylene Chloride	2.19	84	21515m	10.403	ug/l	
52) Toluene	7.64	92	7194	1.243	ug/l	90

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

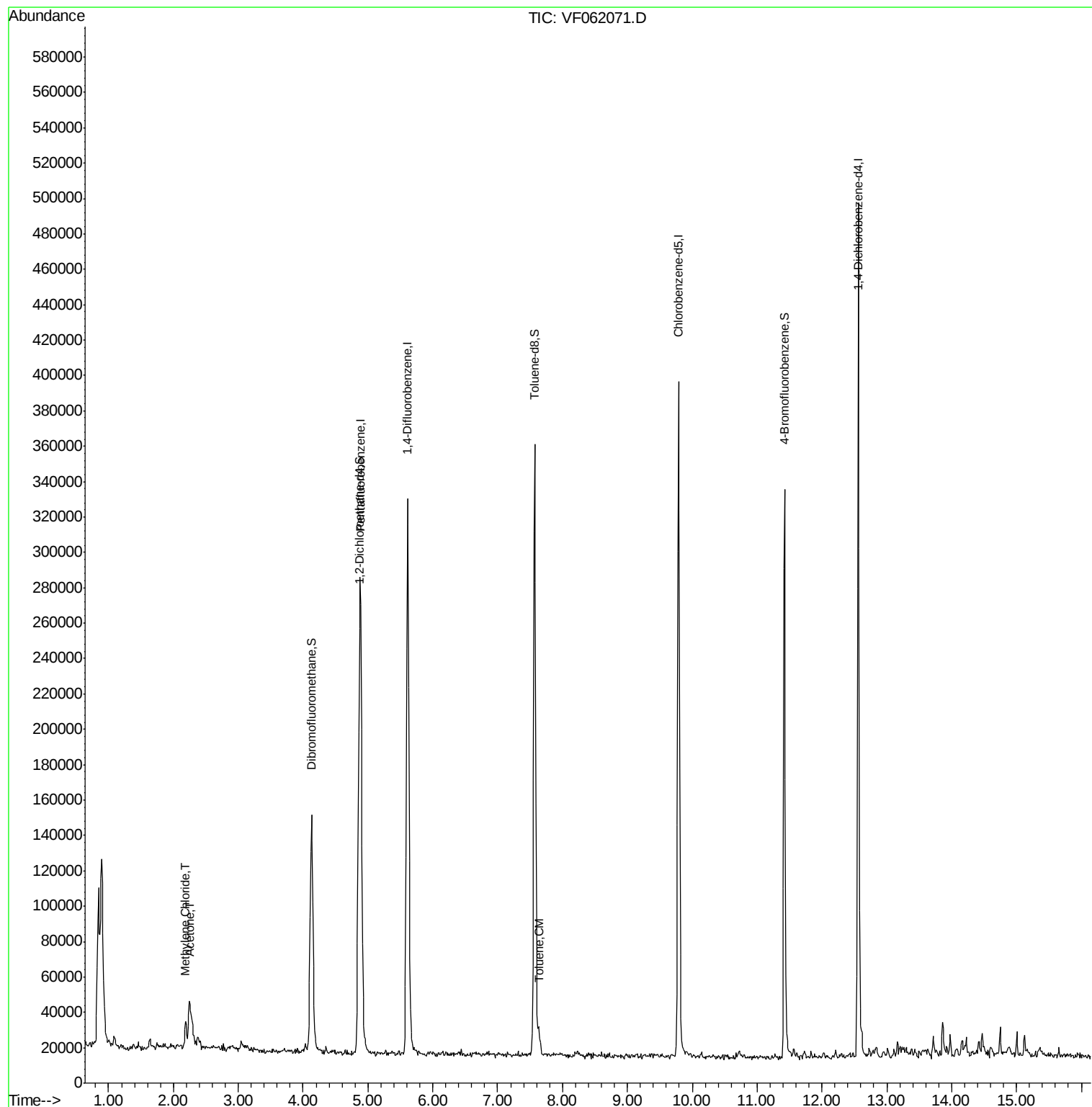
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032119\
Data File : VF062071.D
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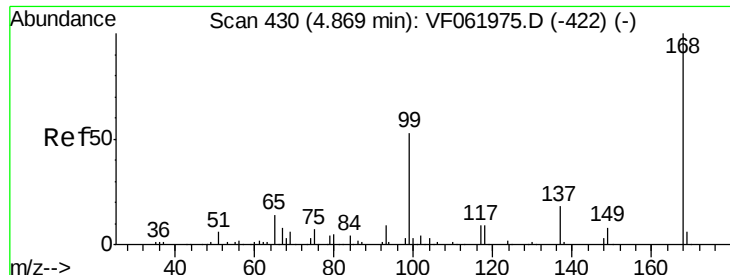
Instrument :
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Quant Title : SW846 8260
QLast Update : Fri Mar 22 03:22:44 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.89 min Scan# 432

Delta R.T. 0.02 min

Lab File: VF062071.D

Acq: 21 Mar 2019 20:16

Instrument :

MSVOA_F

ClientSampleId :

HD-02-032019

Tot Ion:168 Resp: 245225

Ion Ratio Lower Upper

168 100

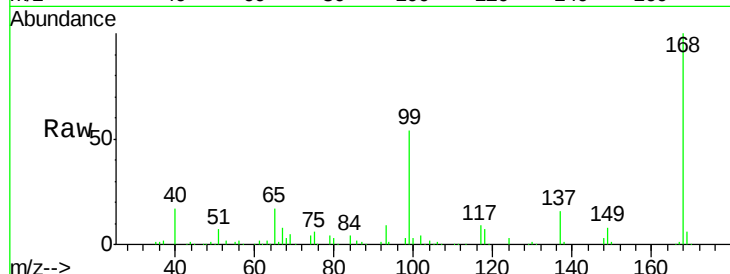
99 53.6 42.4 63.6

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

80000

60000

40000

20000

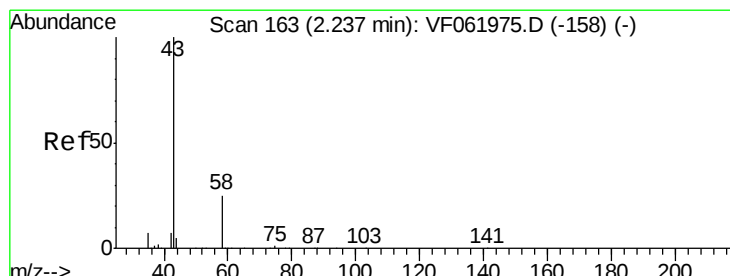
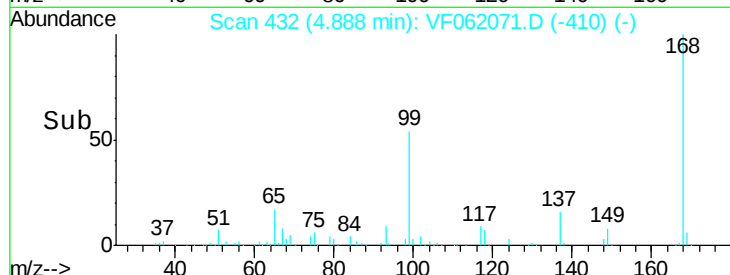
0

4.80

4.90

5.00

Time-->



#16

Acetone

Concen: 73.244 ug/l

RT: 2.25 min Scan# 164

Delta R.T. 0.01 min

Lab File: VF062071.D

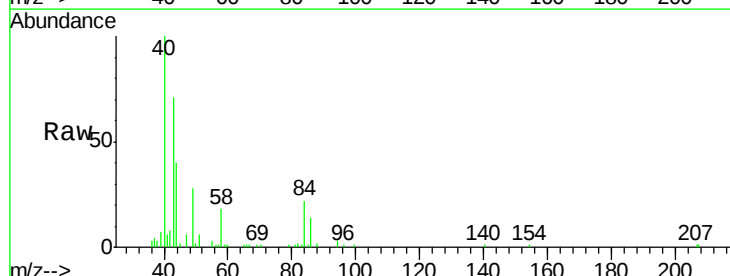
Acq: 21 Mar 2019 20:16

Tgt Ion: 43 Resp: 29033

Ion Ratio Lower Upper

43 100

58 25.2 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

10000

8000

6000

4000

2000

0

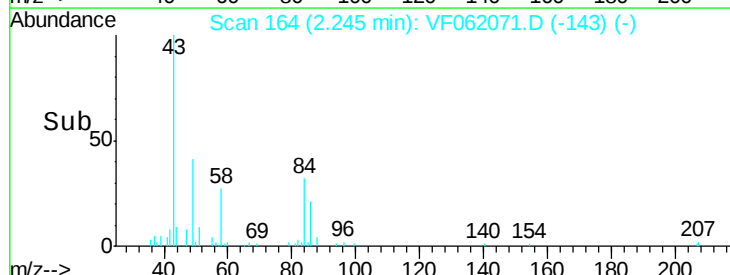
2.10

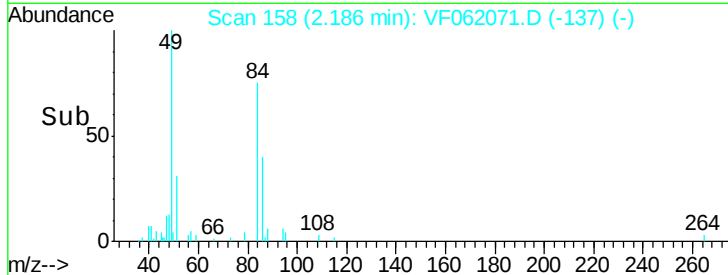
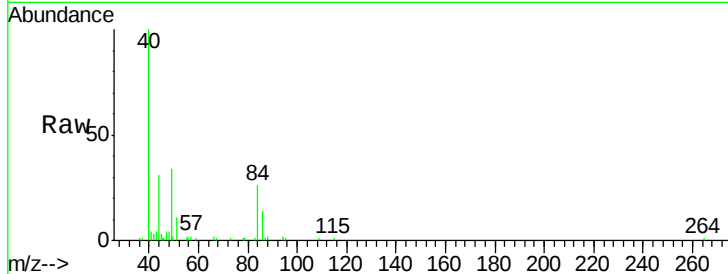
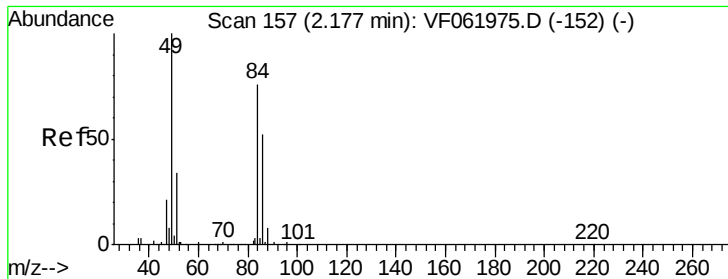
2.20

2.30

2.40

Time-->





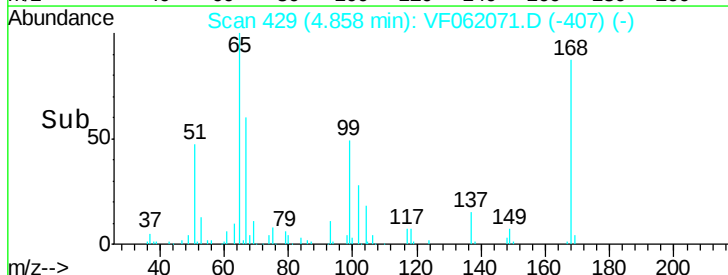
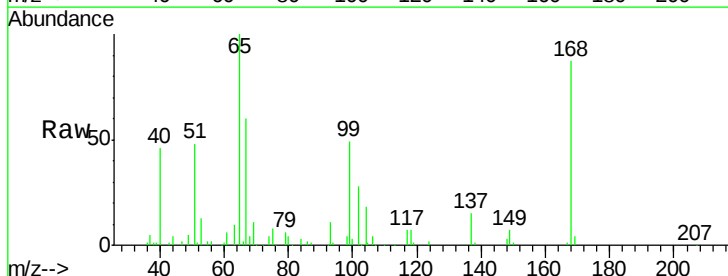
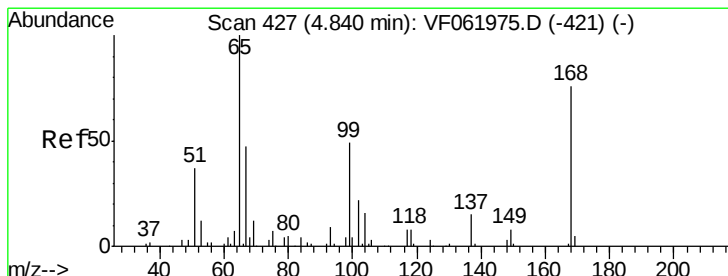
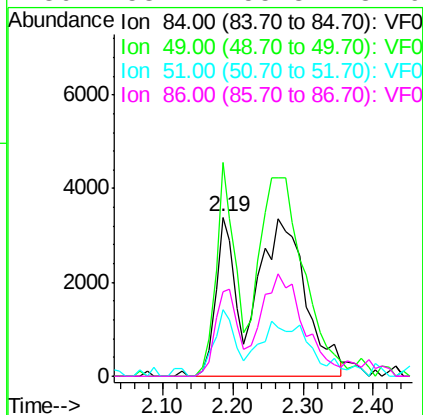
#20
Methvlene Chloride
Concen: 10.403 ug/l m
RT: 2.19 min Scan# 158
Delta R.T. 0.01 min
Lab File: VF062071.D
Acq: 21 Mar 2019 20:16

Tot Ion	Ratio	Lower	Upper
84	100		
49	134.2	107.0	160.6
51	41.7	37.2	55.8
86	53.4	55.3	82.9#

Instrument :
MSVOA_F
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HD-02-032019

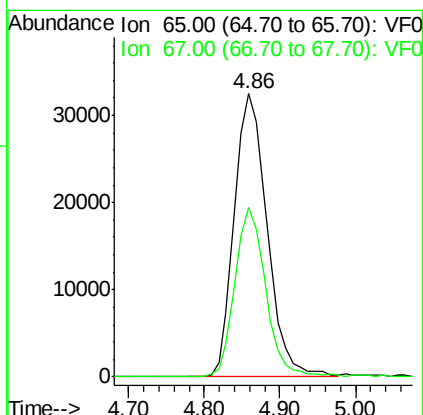
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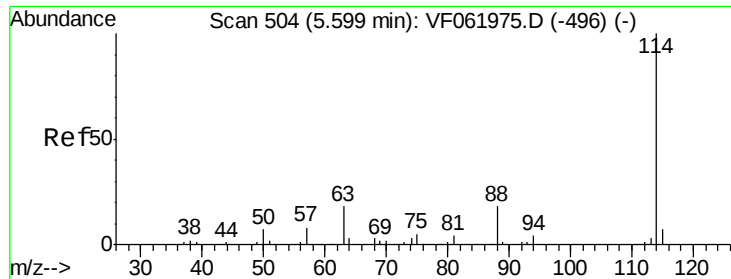
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#33
1,2-Dichloroethane-d4
Concen: 55.524 ug/l
RT: 4.86 min Scan# 429
Delta R.T. 0.02 min
Lab File: VF062071.D
Acq: 21 Mar 2019 20:16

Tgt Ion	Ratio	Lower	Upper
65	100		
67	59.8	0.0	109.4





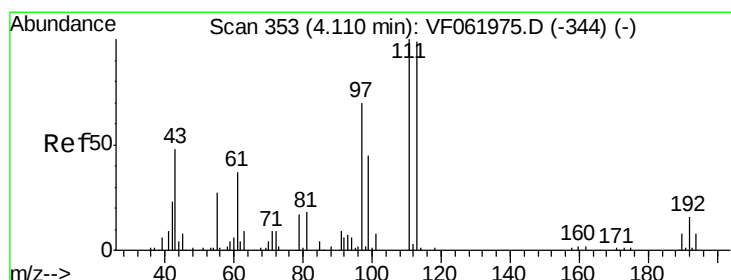
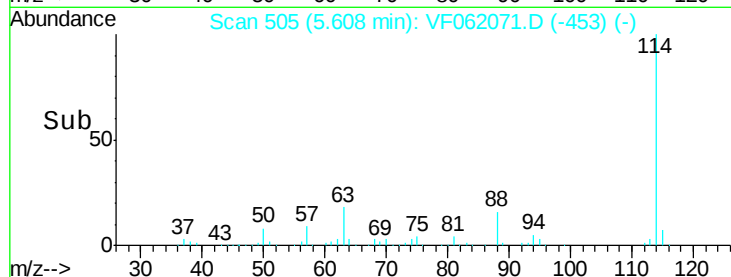
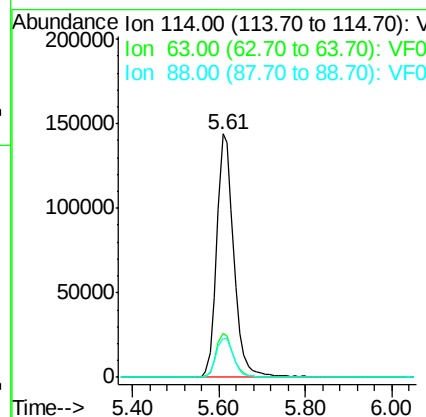
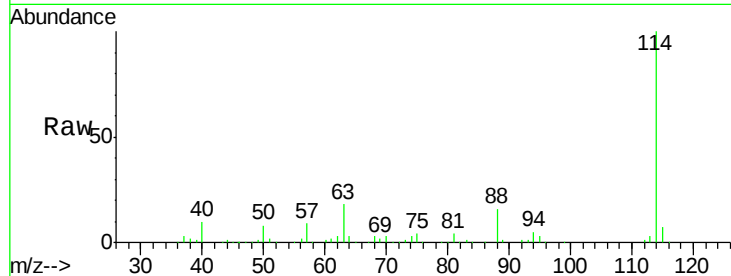
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.61 min Scan# 505
 Delta R.T. 0.01 min
 Lab File: VF062071.D
 Acq: 21 Mar 2019 20:16

Instrument :
 MSVOA_F
 ClientSampleId :
 HD-02-032019

Tot Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	17.9	0.0	36.4
88	16.1	0.0	36.4

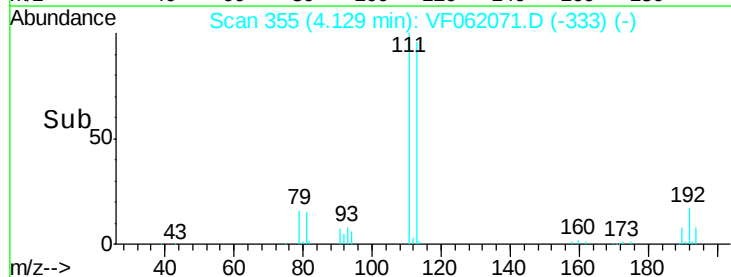
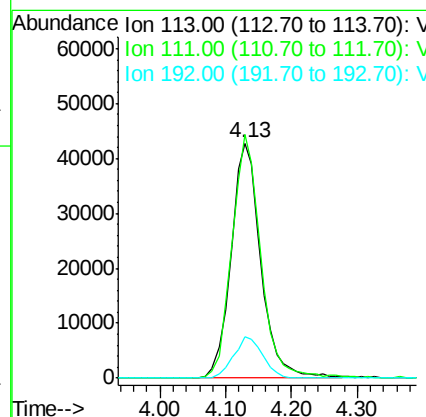
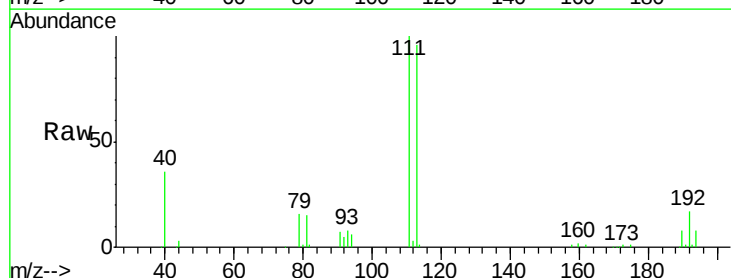
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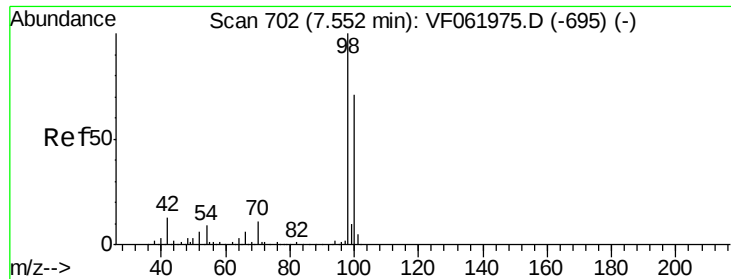
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#35
 Dibromofluoromethane
 Concen: 50.891 ug/l
 RT: 4.13 min Scan# 355
 Delta R.T. 0.02 min
 Lab File: VF062071.D
 Acq: 21 Mar 2019 20:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
113	100		
111	103.7	80.8	121.2
192	17.7	13.0	19.6





#50

Toluene-d8

Concen: 40.532 ug/l

RT: 7.57 min Scan# 704

Delta R.T. 0.02 min

Lab File: VF062071.D

Acq: 21 Mar 2019 20:16

Instrument :

MSVOA_F

ClientSampleId :

HD-02-032019

Tot Ion: 98 Resp: 314891

Ion Ratio Lower Upper

98 100

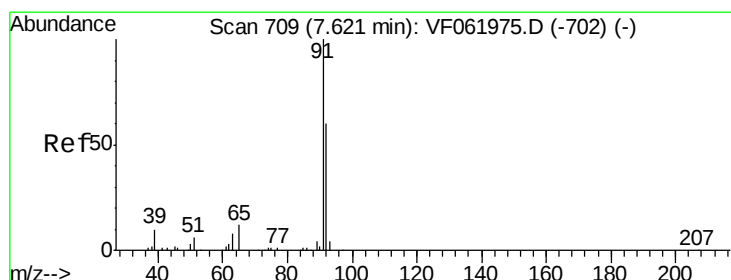
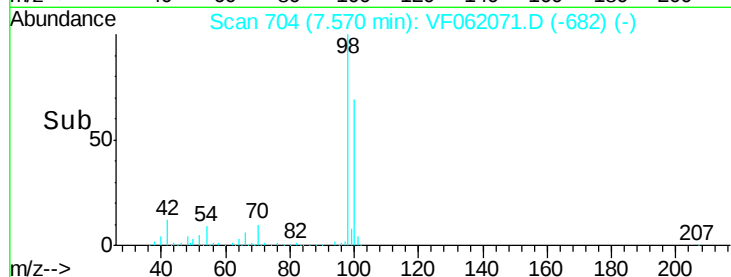
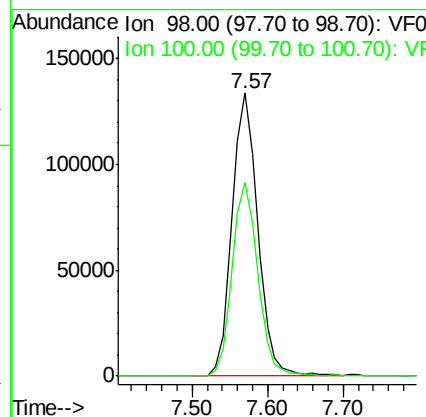
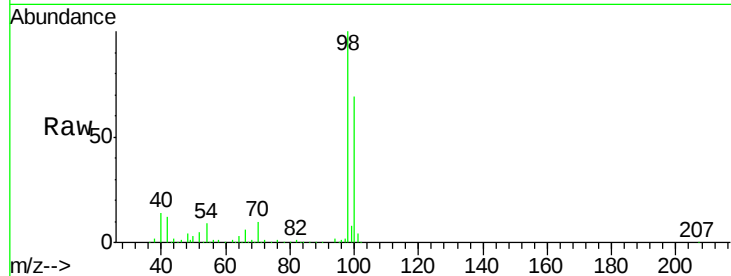
100 68.6 56.8 85.2

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#52

Toluene

Concen: 1.243 ug/l

RT: 7.64 min Scan# 711

Delta R.T. 0.02 min

Lab File: VF062071.D

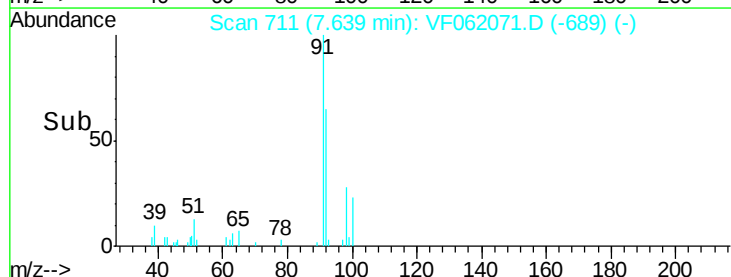
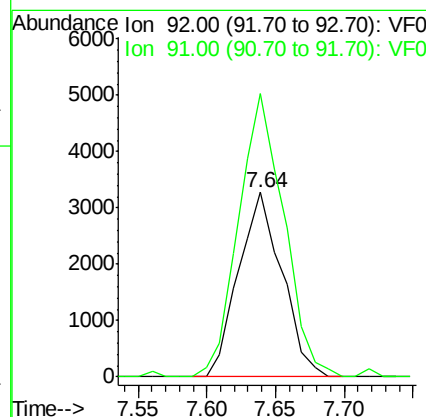
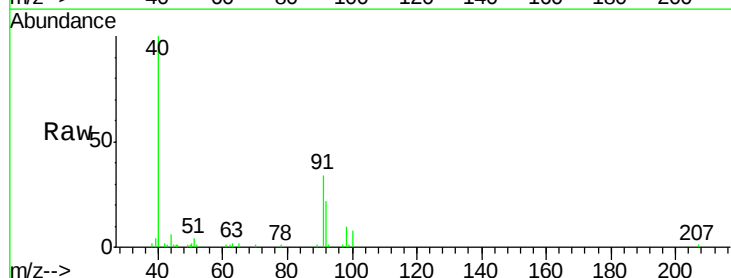
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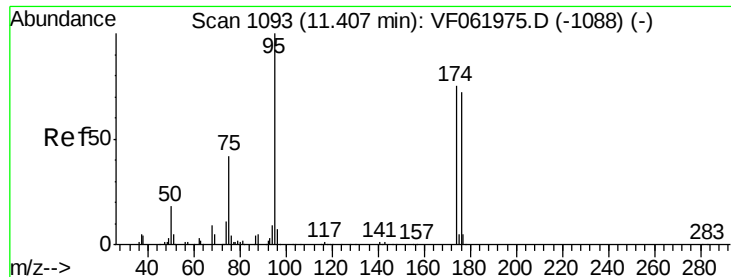
Tgt Ion: 92 Resp: 7194

Ion Ratio Lower Upper

92 100

91 153.6 134.0 201.0





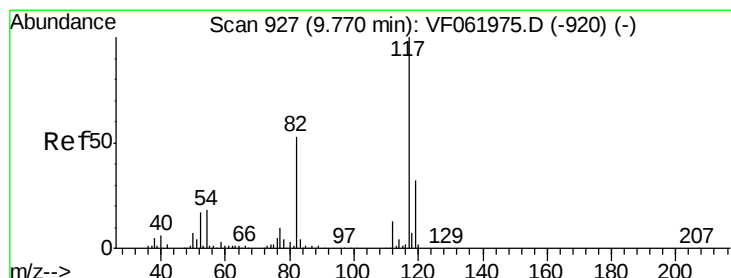
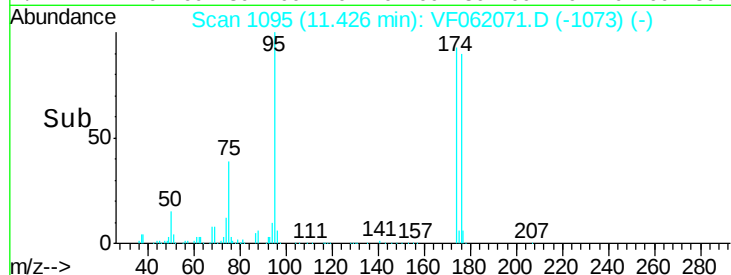
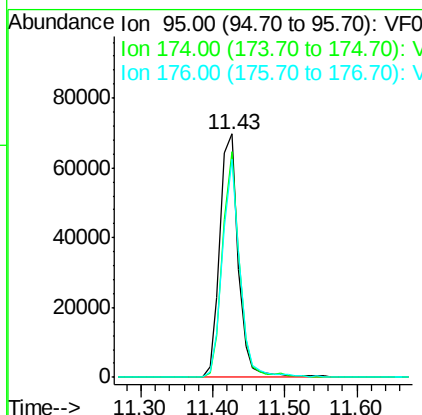
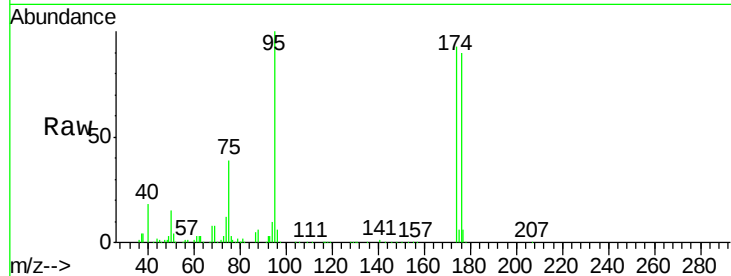
#62
4-Bromofluorobenzene
Concen: 40.393 ug/l
RT: 11.43 min Scan# 1095
Delta R.T. 0.02 min
Lab File: VF062071.D
Acq: 21 Mar 2019 20:16

Instrument :
MSVOA_F
ClientSampleId :
HD-02-032019

Tot Ion	Ratio	Resp	Lower	Upper
95	100	124665		
174	92.9	0.0	149.4	
176	89.6	0.0	143.4	

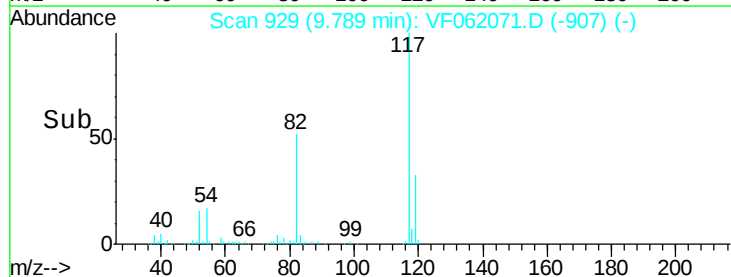
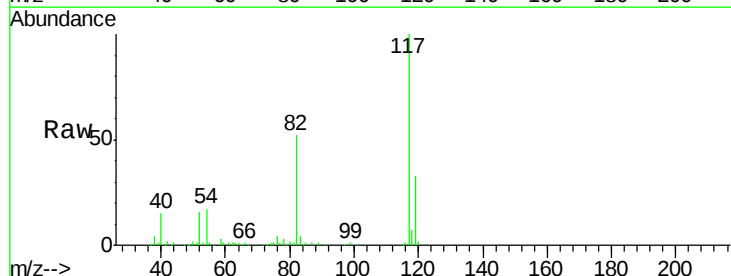
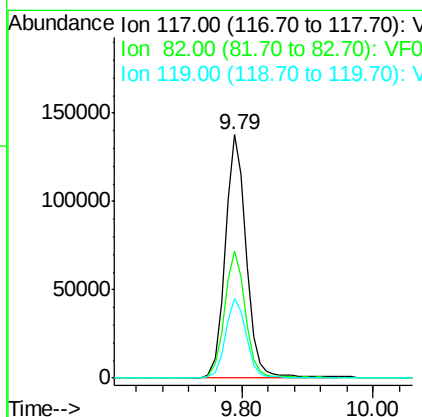
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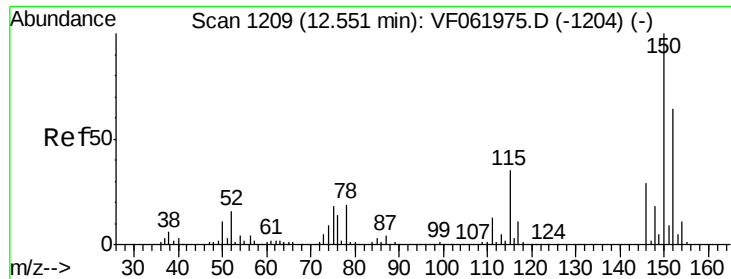
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. 0.02 min
Lab File: VF062071.D
Acq: 21 Mar 2019 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	308471		
82	52.3	42.5	63.7	
119	32.5	25.4	38.0	





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.56 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: VF062071.D
 Acq: 21 Mar 2019 20:16

Instrument :
 MSVOA_F
 ClientSampleId :
 HD-02-032019

Tot Ion:	152	Resp:	129945
Ion Ratio	Lower	Upper	
152	100		
115	54.4	27.3	81.9
150	158.1	0.0	316.2

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