

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082318\
 Data File : VF060052.D
 Acq On : 23 Aug 2018 14:46
 Operator : VA/AP
 Sample : J4573-11RE
 Misc : 3.51g/5mL/MSVOA F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 T27-COMP

Manual Integrations
 APPROVED

MMDadoda
 8/24/2018 4:08:45 PM

Quant Time: Aug 23 15:39:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 04:43:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	150122	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	217379	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	163746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	45835	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	106484	51.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.66%	
35) Dibromofluoromethane	4.30	113	100836	59.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.14%	
50) Toluene-d8	7.72	98	201197	41.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.00%	
62) 4-Bromofluorobenzene	11.51	95	65226	25.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	50.86%	
Target Compounds						
16) Acetone	2.33	43	27604	51.12	ug/l	96
52) Toluene	7.78	92	17014	1.13	ug/l	98
86) p-Isopropyltoluene	12.55	119	18094	6.68	ug/l	95
95) Naphthalene	14.53	128	3122m	4.03	ug/l	

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

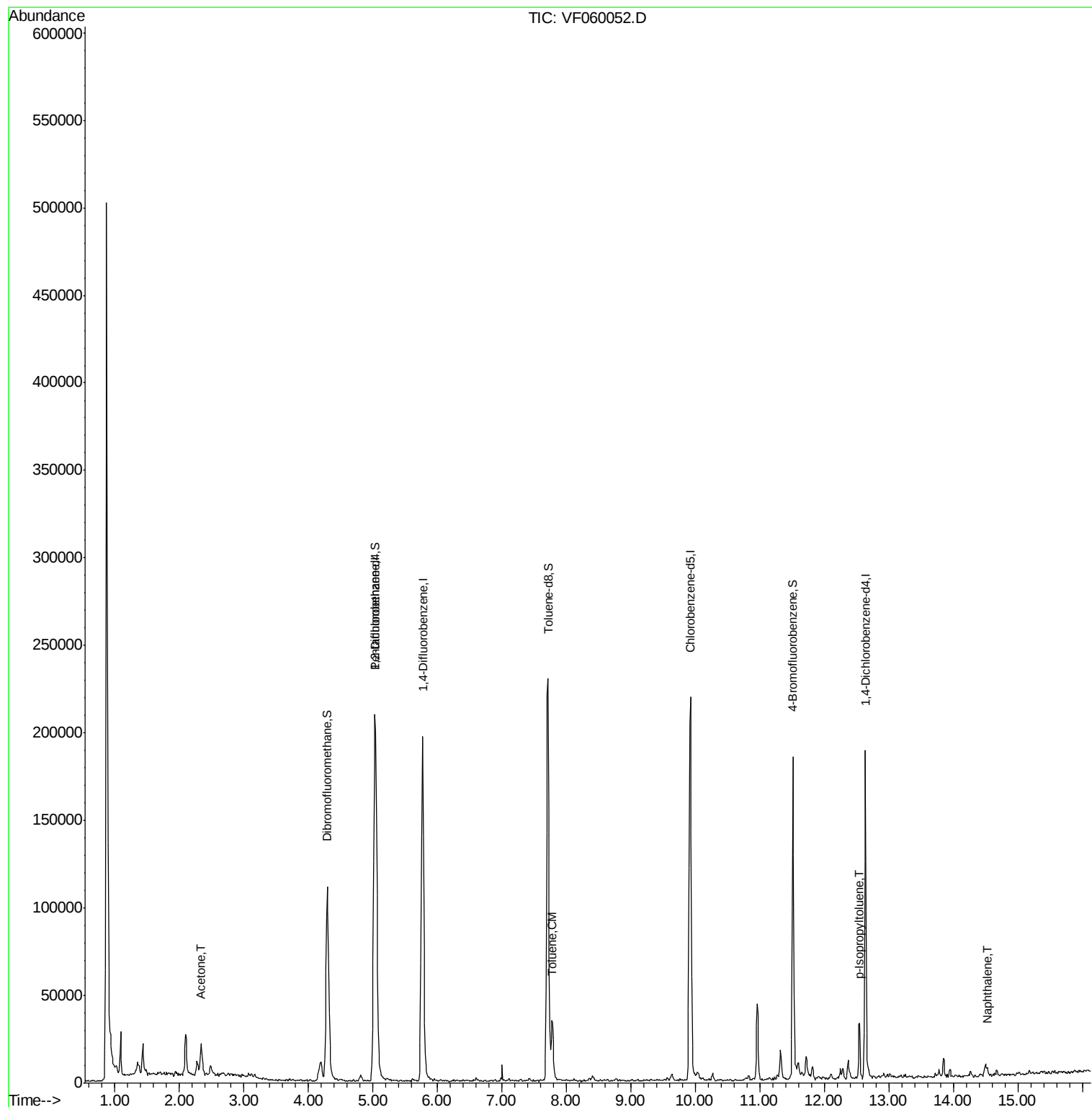
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF082318\
Data File : VF060052.D
Acq On : 23 Aug 2018 14:46
Operator : VA/AP
Sample : J4573-11RE
Misc : 3.51g/5mL/MSVOA F/SOIL
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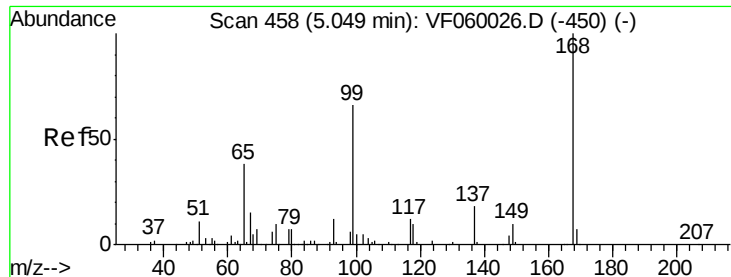
Instrument :
MSVOA_F
ClientSampleId :
T27-COMPRE

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Quant Time: Aug 23 15:39:40 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 04:43:43 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 458

Delta R.T. -0.00 min

Lab File: VF060052.D

Acq: 23 Aug 2018 14:46

Instrument :

MSVOA_F

ClientSampleId :

T27-COMPRE

Tot Ion:168 Resp: 150122

Ion Ratio Lower Upper

168 100

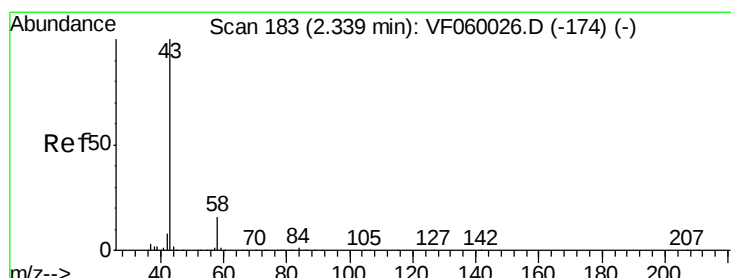
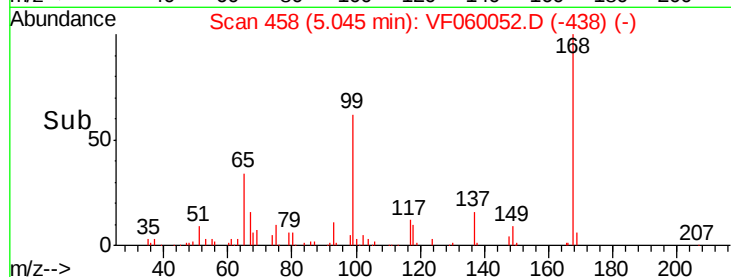
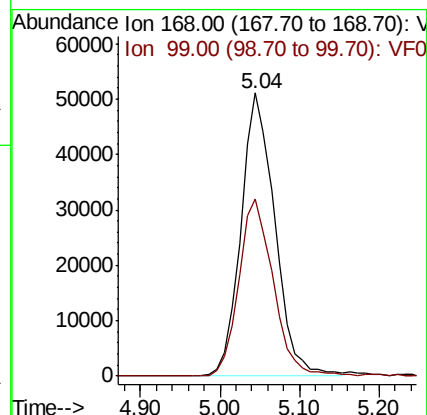
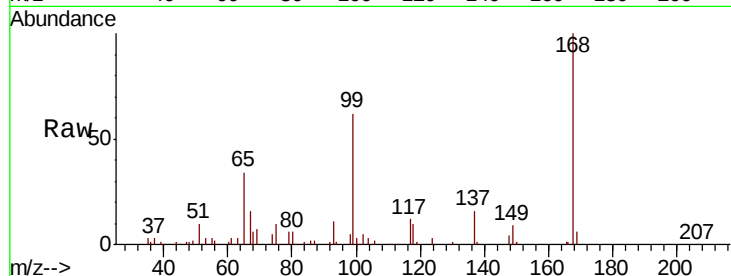
99 62.5 52.6 79.0

Manual Integrations

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#16

Acetone

Concen: 51.12 ug/l

RT: 2.33 min Scan# 183

Delta R.T. -0.00 min

Lab File: VF060052.D

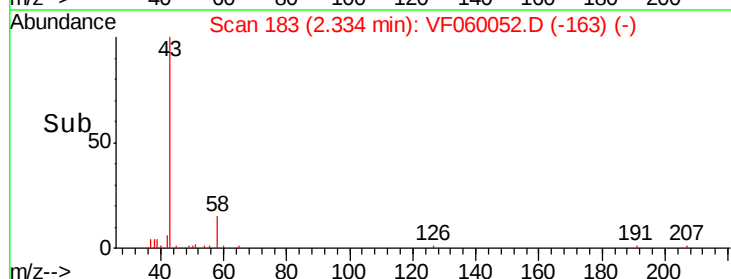
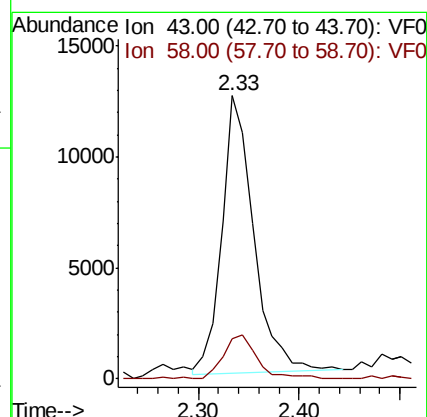
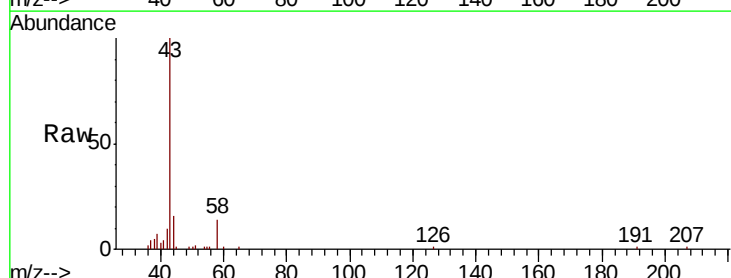
Acq: 23 Aug 2018 14:46

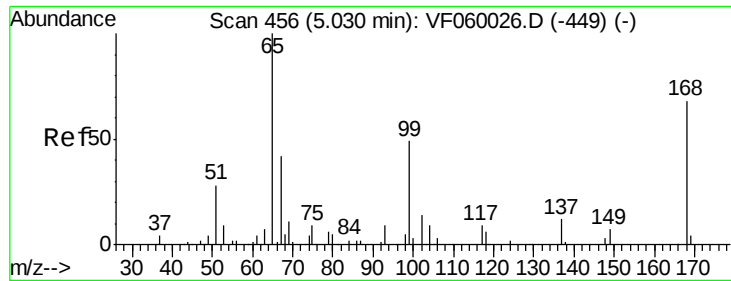
Tgt Ion: 43 Resp: 27604

Ion Ratio Lower Upper

43 100

58 14.2 12.6 19.0





#33

1,2-Dichloroethane-d4

Concen: 51.83 ug/l

RT: 5.02 min Scan# 456

Delta R.T. -0.00 min

Lab File: VF060052.D

Acq: 23 Aug 2018 14:46

Tot Ion: 65 Resp: 106484

Ion Ratio Lower Upper

65 100

67 46.2 0.0 92.0

Instrument :

MSVOA_F

ClientSampleId :

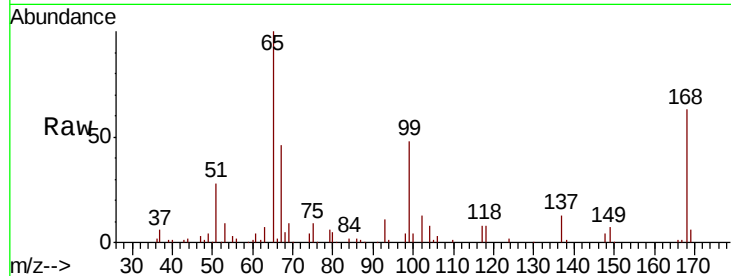
T27-COMPRE

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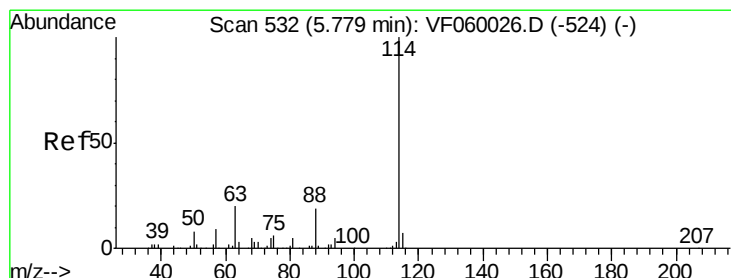
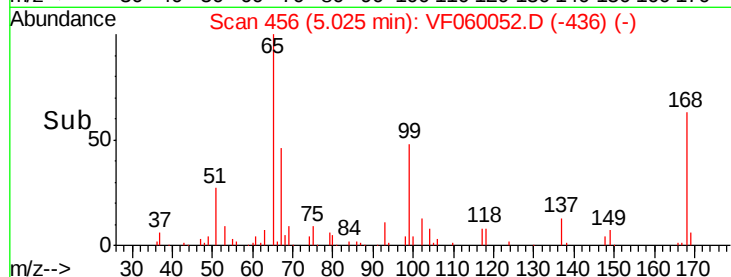
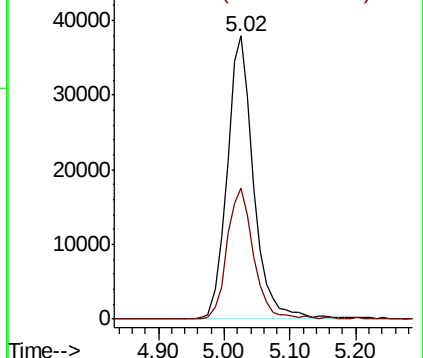
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Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.77 min Scan# 532

Delta R.T. -0.00 min

Lab File: VF060052.D

Acq: 23 Aug 2018 14:46

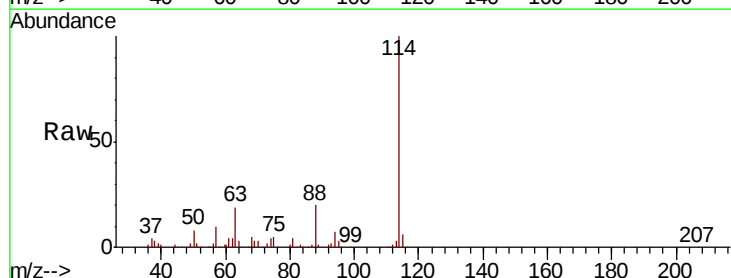
Tgt Ion: 114 Resp: 217379

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.4

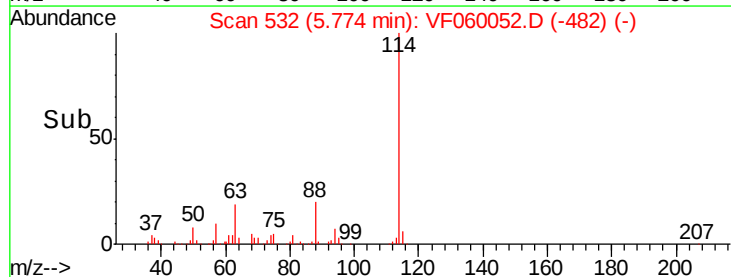
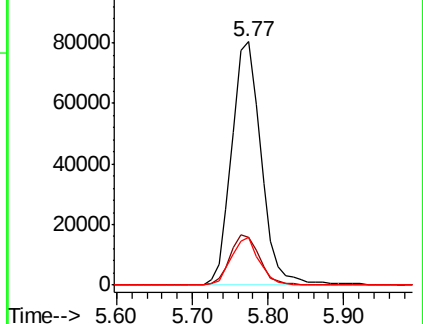
88 19.5 0.0 38.6

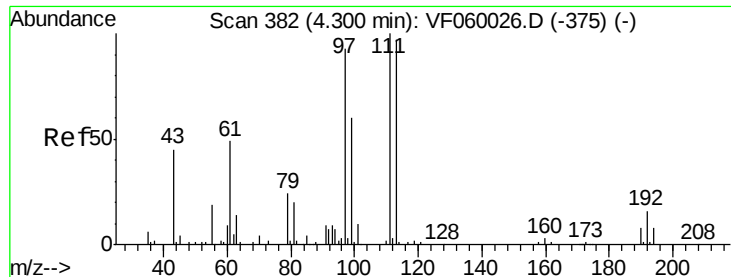


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





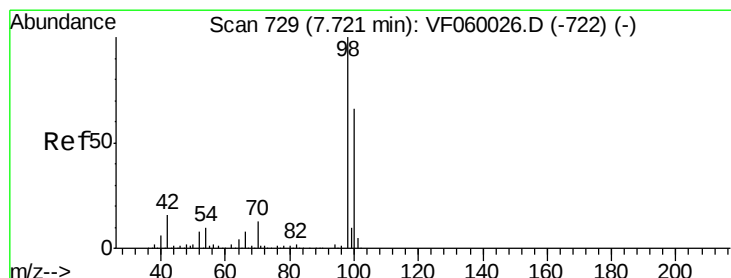
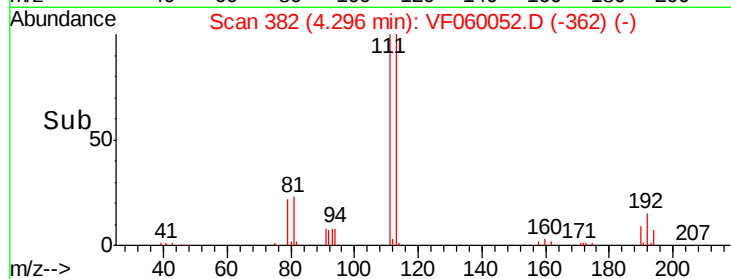
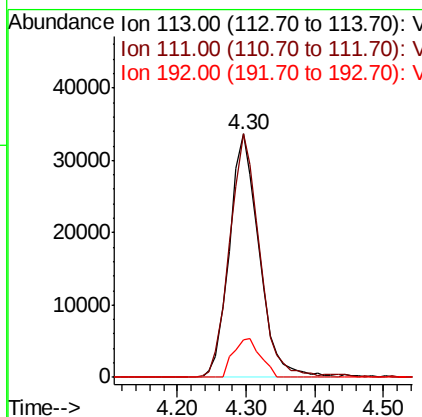
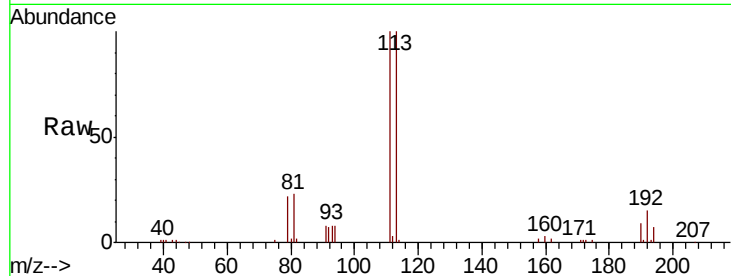
#35
 Dibromofluoromethane
 Concen: 59.07 ug/l
 RT: 4.30 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: VF060052.D
 Acq: 23 Aug 2018 14:46

Instrument :
 MSVOA_F
 ClientSampleId :
 T27-COMP

Tot Ion	Ratio	Resp	Lower	Upper
113	100	100836		
111	100.1		82.7	124.1
192	15.4		13.0	19.4

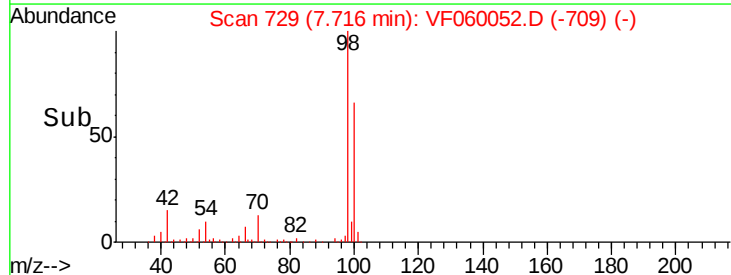
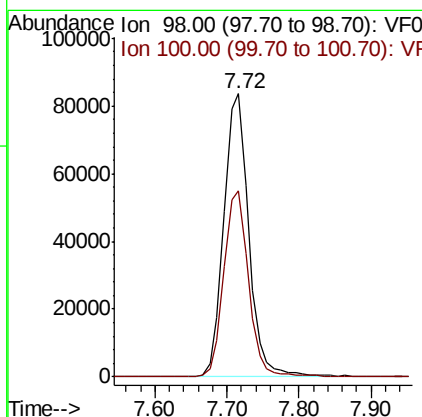
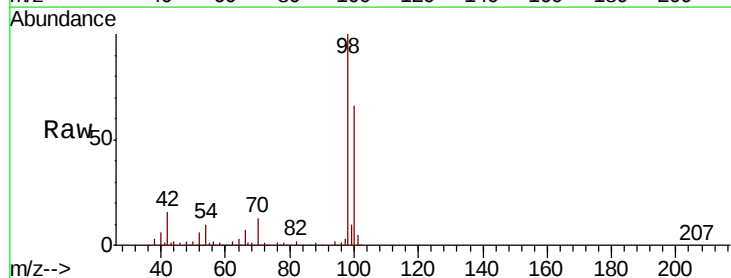
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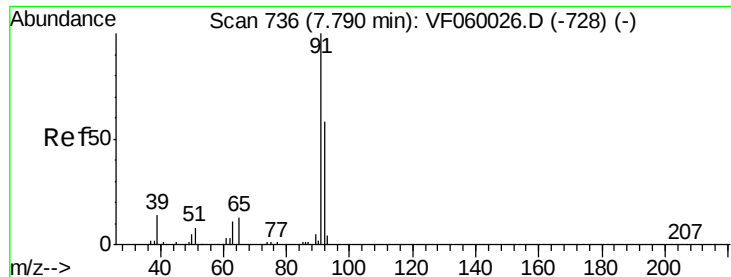
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#50
 Toluene-d8
 Concen: 41.50 ug/l
 RT: 7.72 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: VF060052.D
 Acq: 23 Aug 2018 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	201197		
100	65.6		53.2	79.8





#52

Toluene

Concen: 1.13 ug/l

RT: 7.78 min Scan# 736

Delta R.T. -0.00 min

Lab File: VF060052.D

Acq: 23 Aug 2018 14:46

Instrument :

MSVOA_F

ClientSampled :

T27-COMP

Tot Ion: 92 Resp: 17014

Ion Ratio Lower Upper

92 100

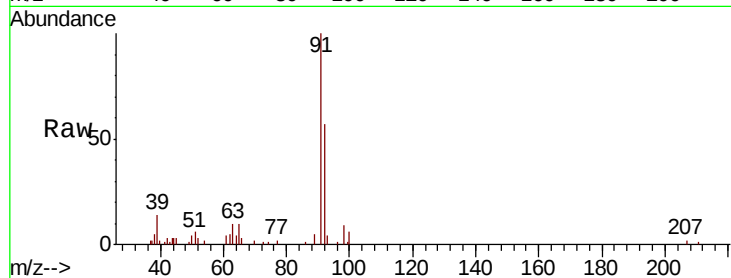
91 174.3 137.7 206.5

Manual Integrations

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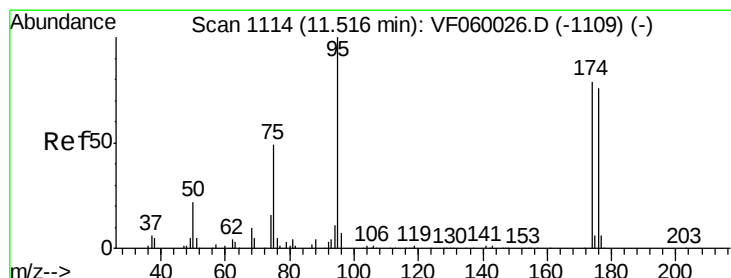
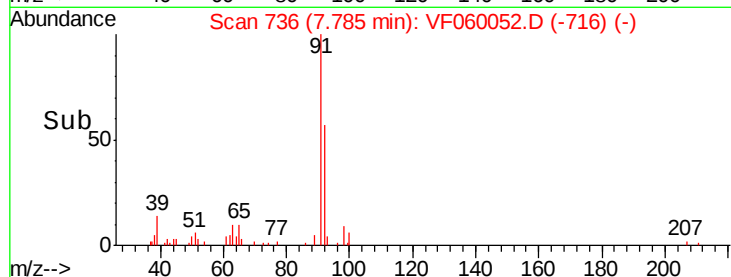
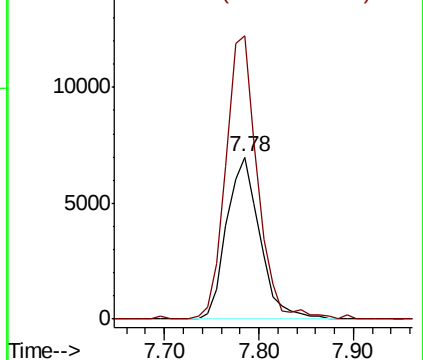
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Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0



#62

4-Bromofluorobenzene

Concen: 25.43 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VF060052.D

Acq: 23 Aug 2018 14:46

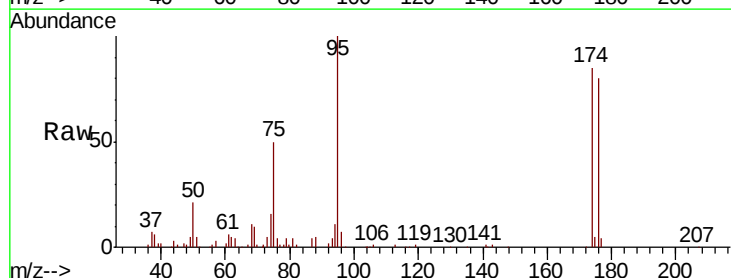
Tgt Ion: 95 Resp: 65226

Ion Ratio Lower Upper

95 100

174 84.8 0.0 158.4

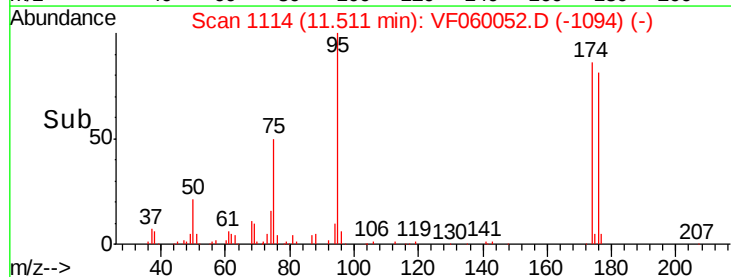
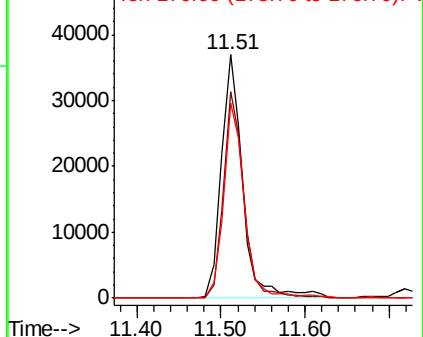
176 80.2 0.0 153.0

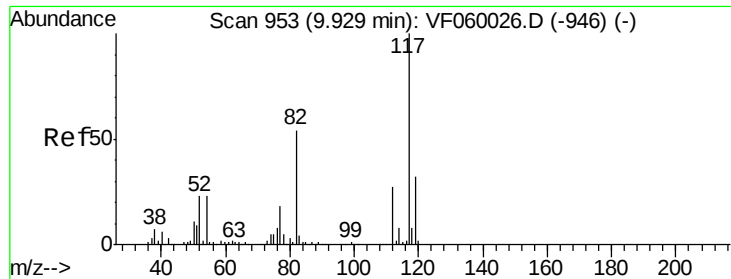


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





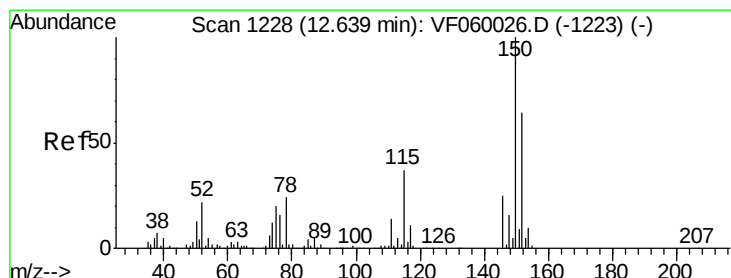
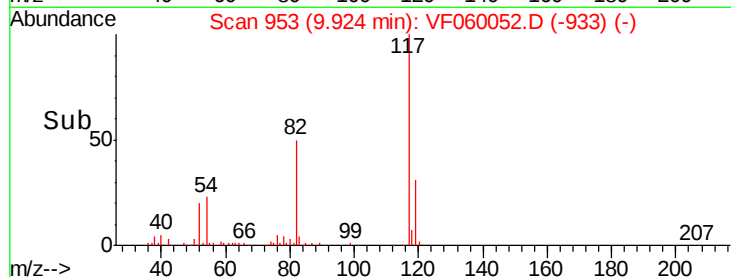
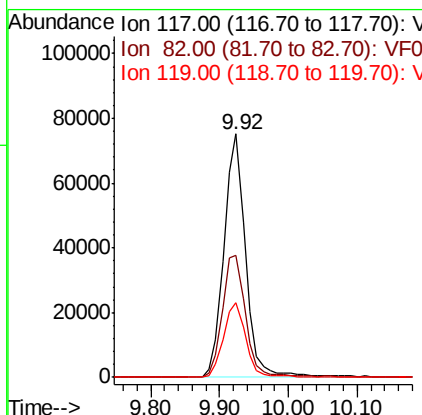
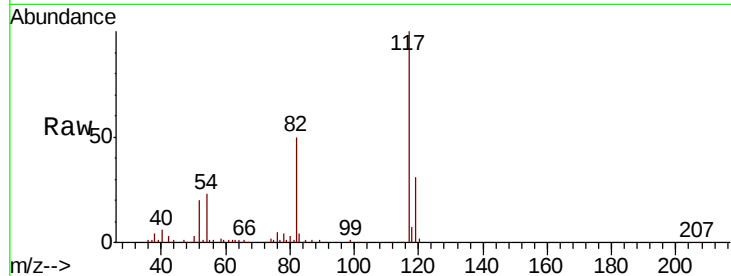
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 953
Delta R.T. -0.00 min
Lab File: VF060052.D
Acq: 23 Aug 2018 14:46

Instrument :
MSVOA_F
ClientSampleId :
T27-COMP

Tot Ion	Ratio	Resp	Lower	Upper
117	100	163746		
82	50.1	43.6	65.4	
119	30.5	25.6	38.4	

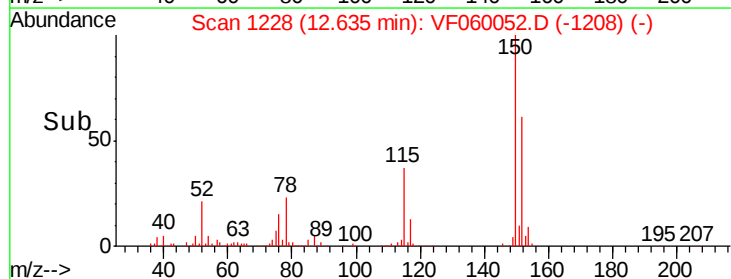
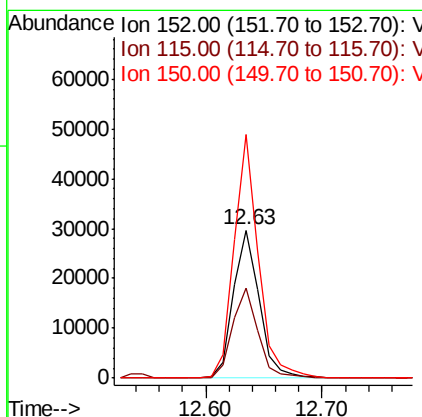
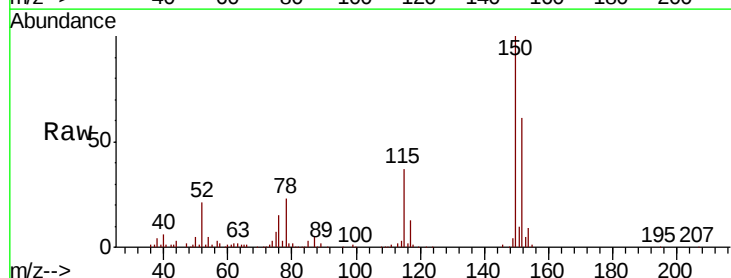
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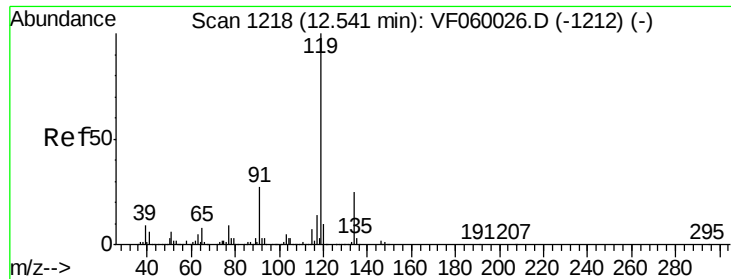
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VF060052.D
Acq: 23 Aug 2018 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	45835		
115	60.7	28.6	85.9	
150	164.4	0.0	312.0	





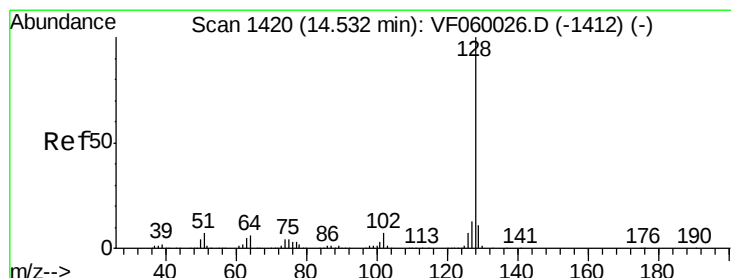
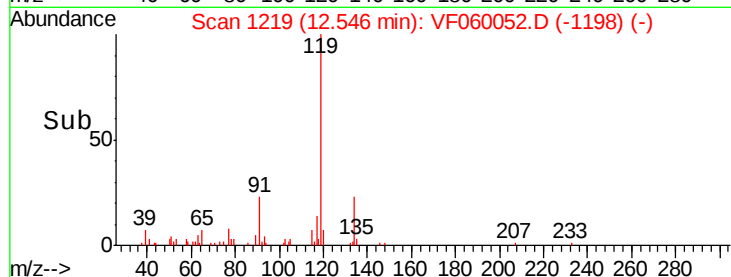
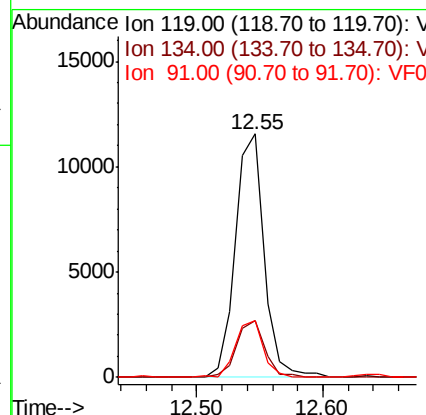
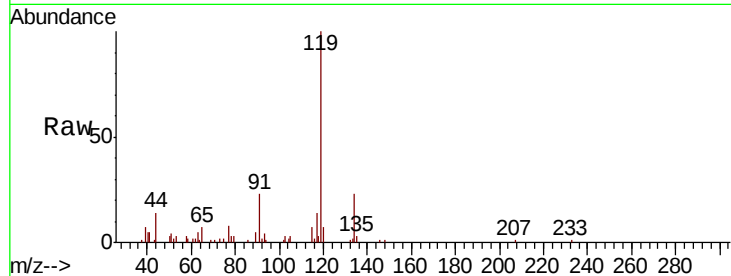
#86
p-Isopropyltoluene
Concen: 6.68 ug/l
RT: 12.55 min Scan# 1219
Delta R.T. 0.01 min
Lab File: VF060052.D
Acq: 23 Aug 2018 14:46

Instrument :
MSVOA_F
ClientSampleId :
T27-COMP

Tot Ion	Ratio	Resp	Lower	Upper
119	100	18094		
134	23.1		12.4	37.2
91	23.3		13.5	40.4

Manual Integrations
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#95
Naphthalene
Concen: 4.03 ug/l m
RT: 14.53 min Scan# 1420
Delta R.T. -0.00 min
Lab File: VF060052.D
Acq: 23 Aug 2018 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	3122		
127	19.5		10.4	15.6#
129	9.9		8.5	12.7

