

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052919\
 Data File : VF062787.D
 Acq On : 29 May 2019 17:42
 Operator : FY/SY
 Sample : K3084-01RE
 Misc : 5.36g/5mL/MSVOA F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TEST-PIT-6RE

Manual Integrations
 APPROVED

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 5/30/2019 11:02:58 AM

Quant Time: May 30 09:13:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	800530	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.80	114	1355472	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.93	117	1021758	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	459838	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	221507	39.16	ug/l	0.02
Spiked Amount 50.000			Recovery	=	78.32%	
35) Dibromofluoromethane	4.33	113	413339	39.85	ug/l	0.02
Spiked Amount 50.000			Recovery	=	79.70%	
50) Toluene-d8	7.73	98	911973	36.83	ug/l	0.02
Spiked Amount 50.000			Recovery	=	73.66%	
62) 4-Bromofluorobenzene	11.51	95	328477	34.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.94%	
Target Compounds						
16) Acetone	2.36	43	13793	9.398	ug/l	98
20) Methylene Chloride	2.37	84	31558m	4.290	ug/l	

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

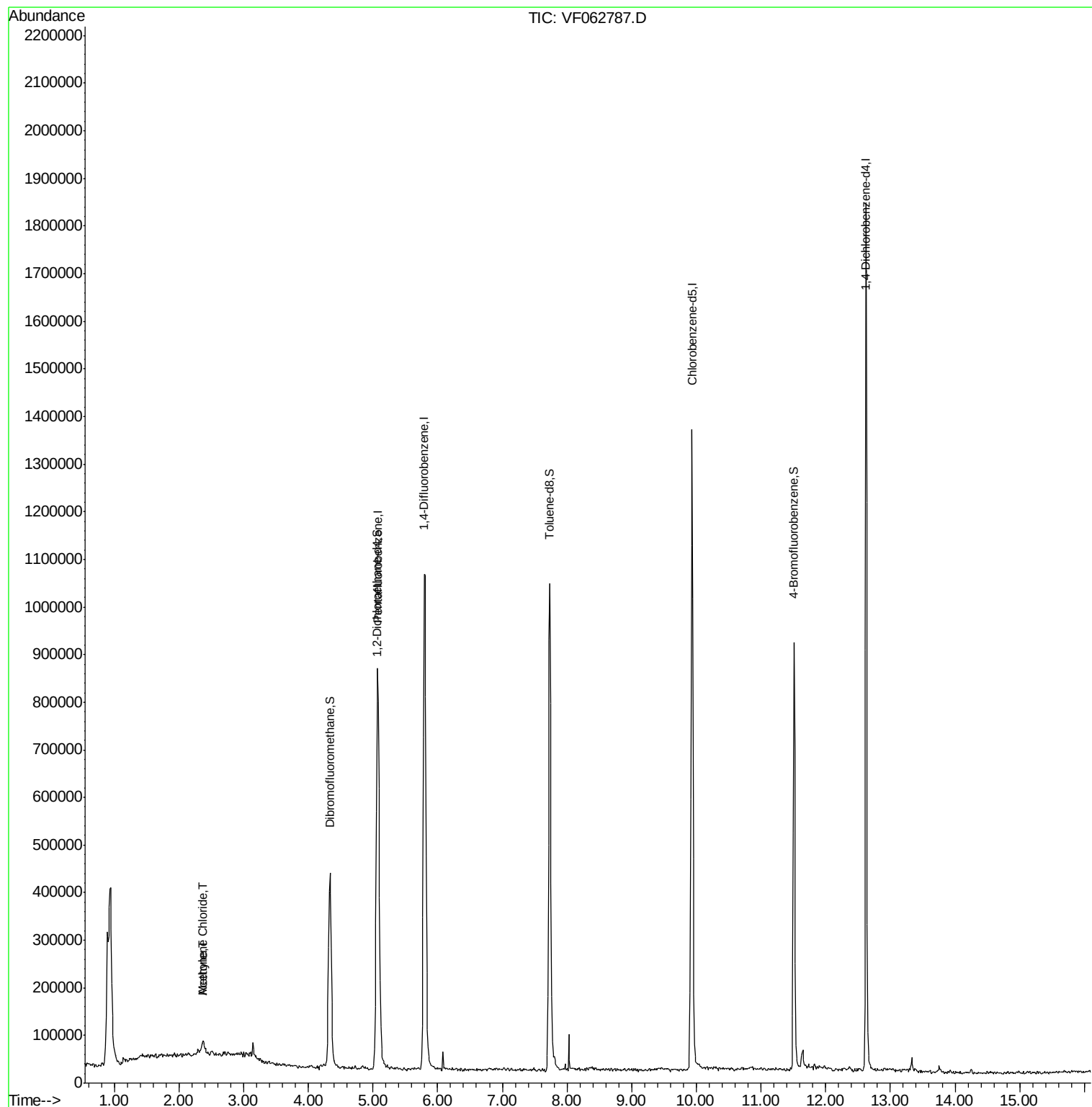
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF052919\
Data File : VF062787.D
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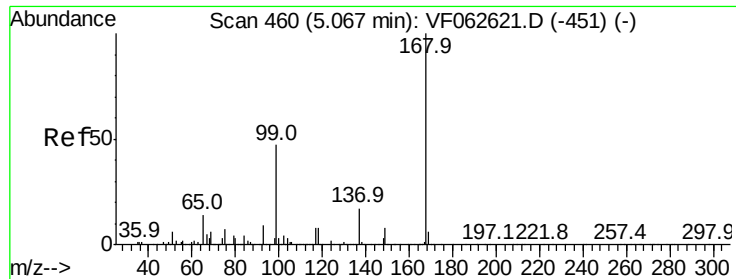
Instrument :
MSVOA_F
ClientSampleId :
TEST-PIT-6RE

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 461

Delta R.T. 0.02 min

Lab File: VF062787.D

Acq: 29 May 2019 17:42

Instrument :

MSVOA_F

ClientSampleId :

TEST-PIT-6RE

Tot Ion:168 Resp: 800530

Ion Ratio Lower Upper

168 100

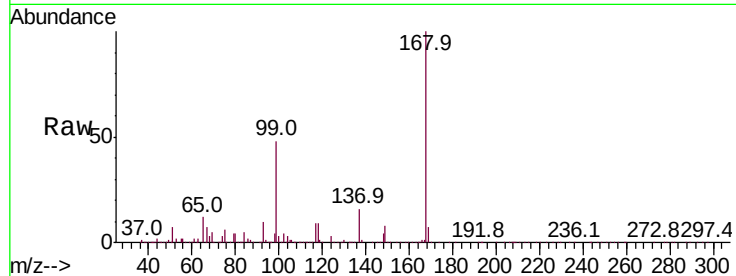
99 47.8 37.8 56.8

Manual Integrations

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.08

250000

200000

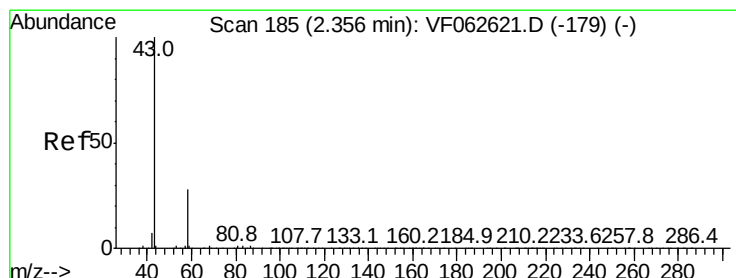
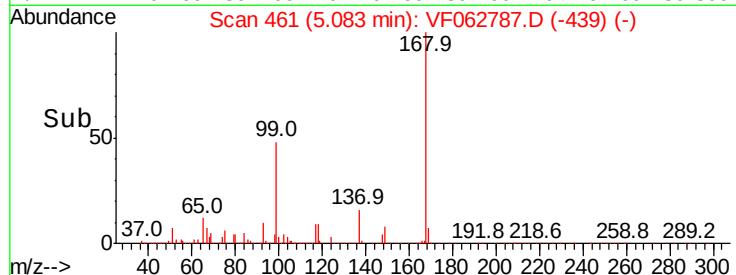
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 9.398 ug/l

RT: 2.36 min Scan# 185

Delta R.T. 0.01 min

Lab File: VF062787.D

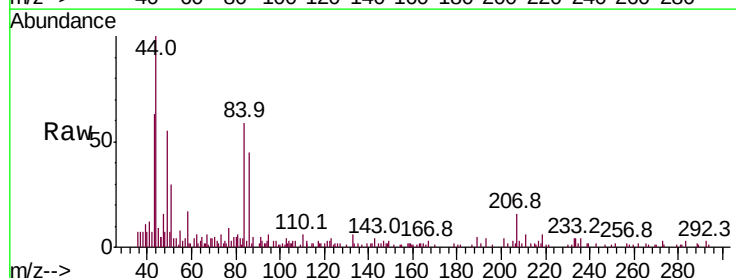
Acq: 29 May 2019 17:42

Tgt Ion: 43 Resp: 13793

Ion Ratio Lower Upper

43 100

58 27.0 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.36

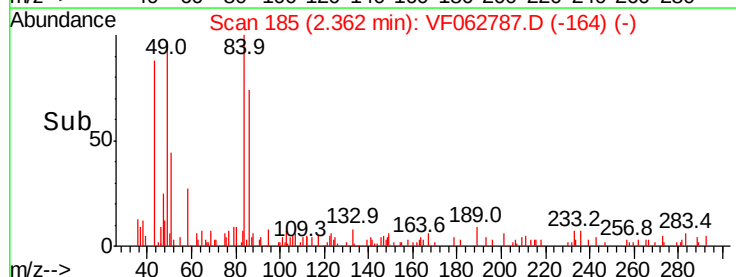
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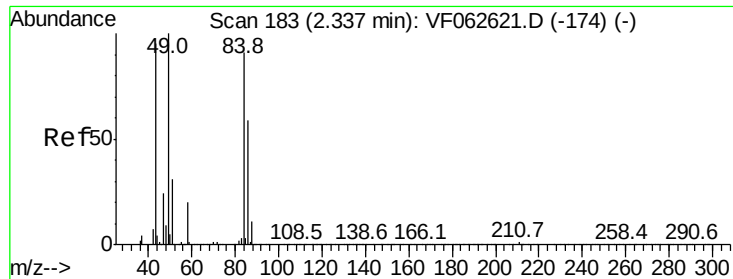
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2000

0

Time-->





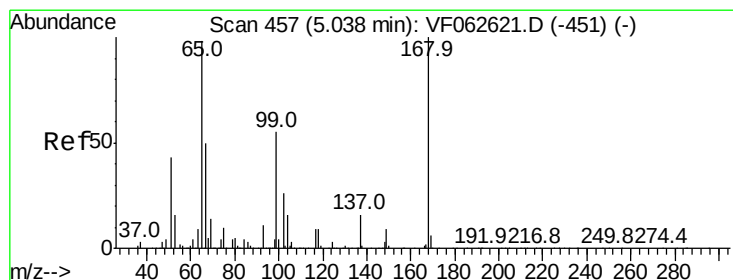
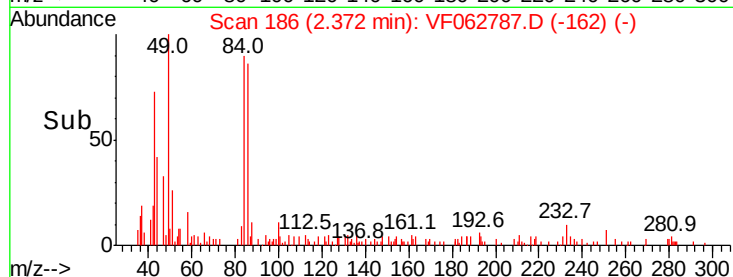
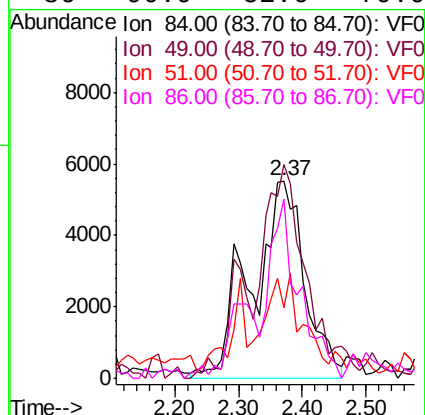
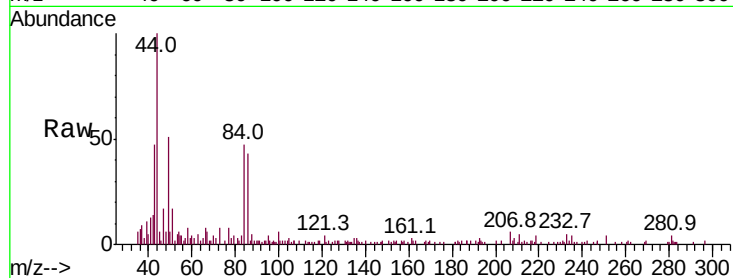
#20
Methylene Chloride
Concen: 4.290 ug/l m
RT: 2.37 min Scan# 186
Delta R.T. 0.04 min
Lab File: VF062787.D
Acq: 29 May 2019 17:42

Instrument :
MSVOA_F
ClientSampleId :
TEST-PIT-6RE

Tot Ion	84	Resp	31558
Ion	Ratio	Lower	Upper
84	100		
49	108.1	89.8	134.8
51	35.9	28.4	42.6
86	90.9	52.6	79.0#

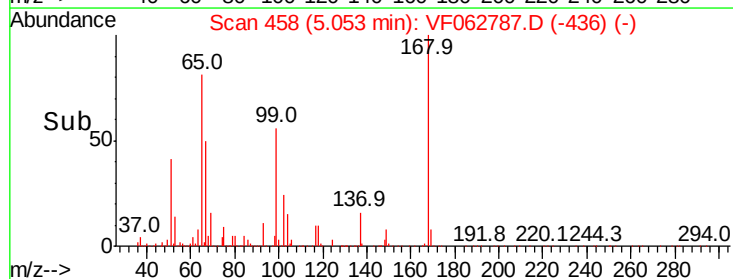
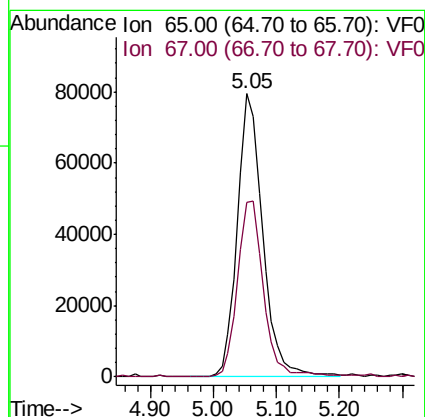
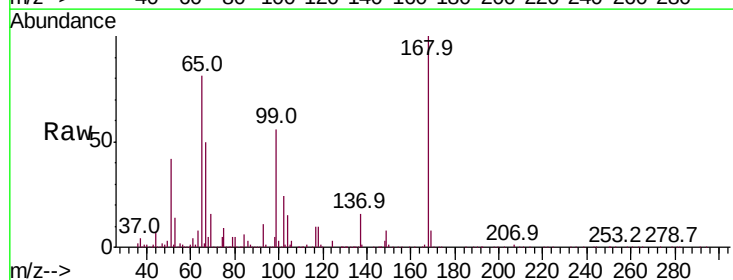
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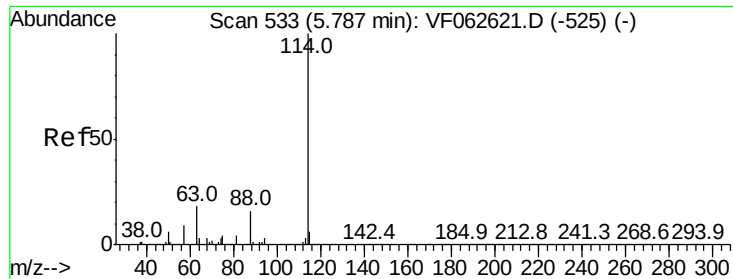
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#33
1,2-Dichloroethane-d4
Concen: 39.157 ug/l
RT: 5.05 min Scan# 458
Delta R.T. 0.02 min
Lab File: VF062787.D
Acq: 29 May 2019 17:42

Tgt Ion	65	Resp	221507
Ion	Ratio	Lower	Upper
65	100		
67	61.9	0.0	117.6





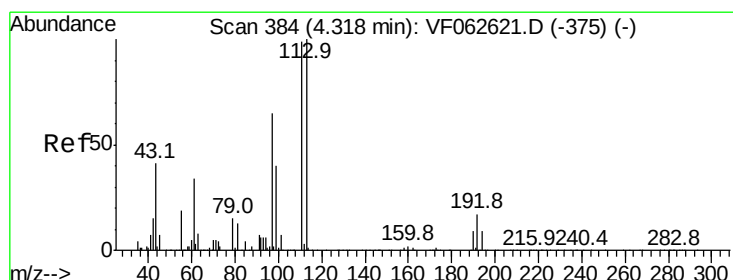
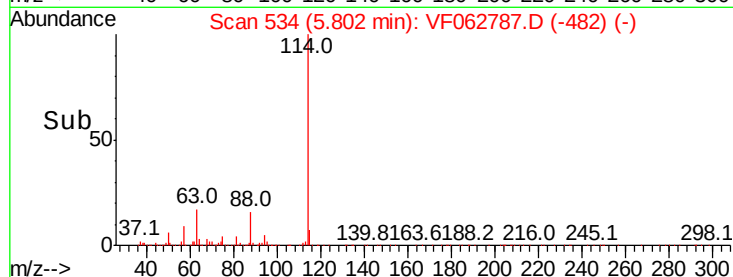
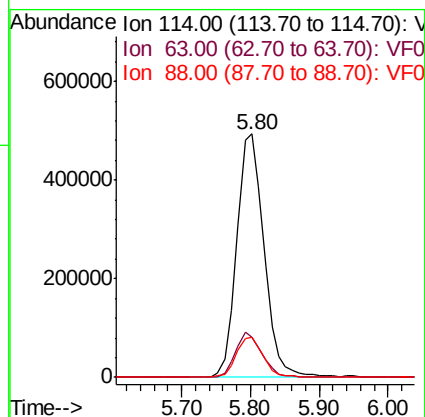
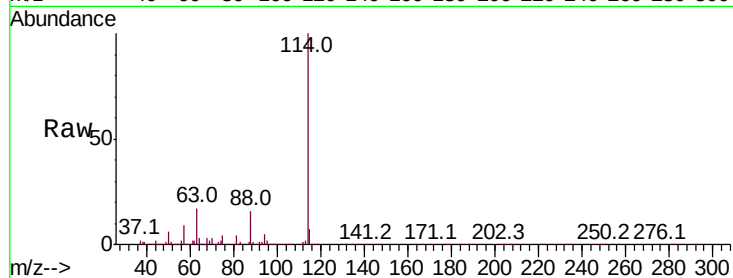
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.80 min Scan# 534
Delta R.T. 0.02 min
Lab File: VF062787.D
Acq: 29 May 2019 17:42

Instrument :
MSVOA_F
ClientSampleId :
TEST-PIT-6RE

Tot Ion	Ratio	Lower	Upper
114	100		
63	16.6	0.0	35.4
88	16.3	0.0	32.4

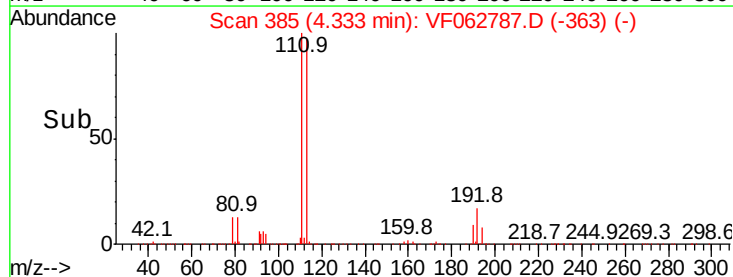
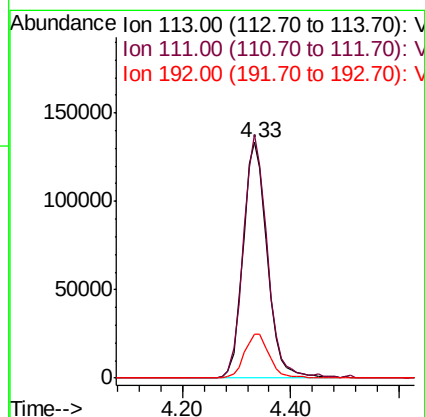
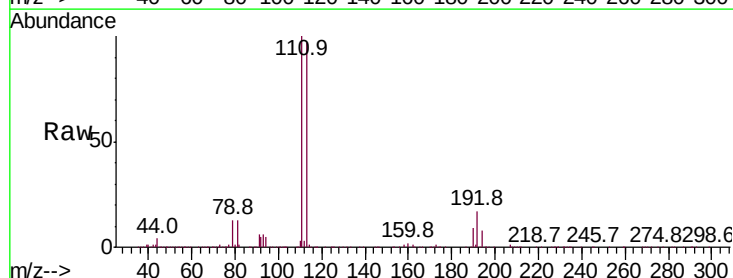
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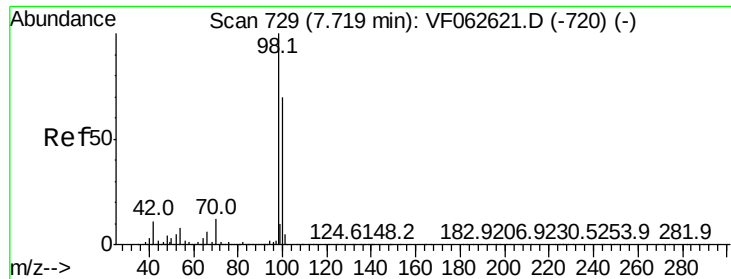
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#35
Dibromofluoromethane
Concen: 39.851 ug/l
RT: 4.33 min Scan# 385
Delta R.T. 0.02 min
Lab File: VF062787.D
Acq: 29 May 2019 17:42

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	79.4	119.2
192	18.5	13.4	20.2





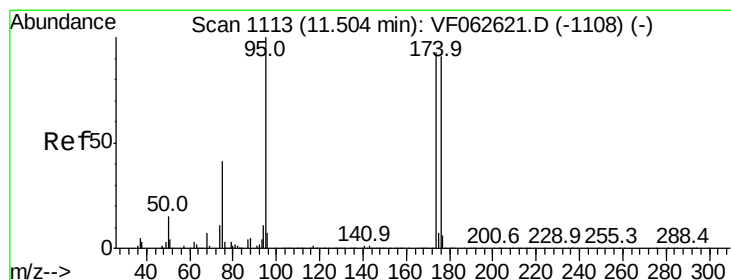
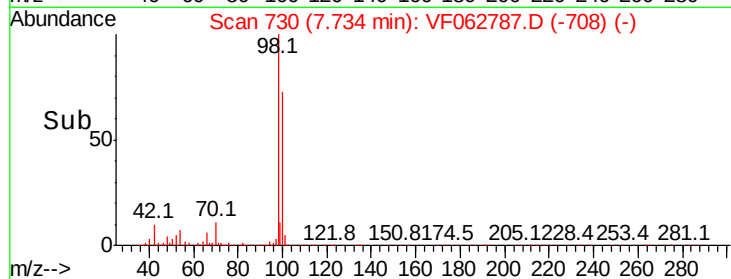
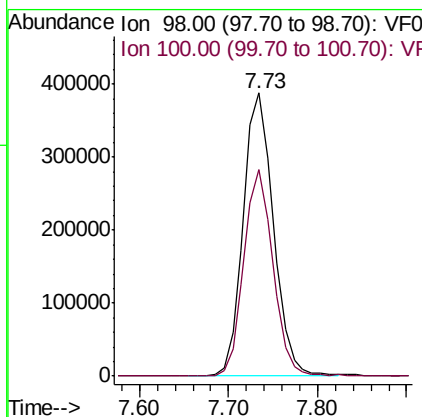
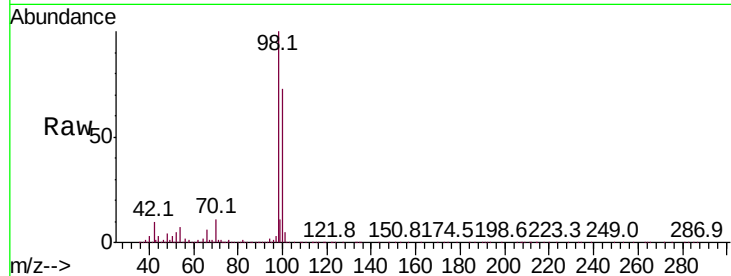
#50
Toluene-d8
Concen: 36.826 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.02 min
Lab File: VF062787.D
Acq: 29 May 2019 17:42

Instrument :
MSVOA_F
ClientSampleId :
TEST-PIT-6RE

Tot Ion	98	100	Ratio	Lower	Upper
98	100				
100	73.1	56.2			84.2

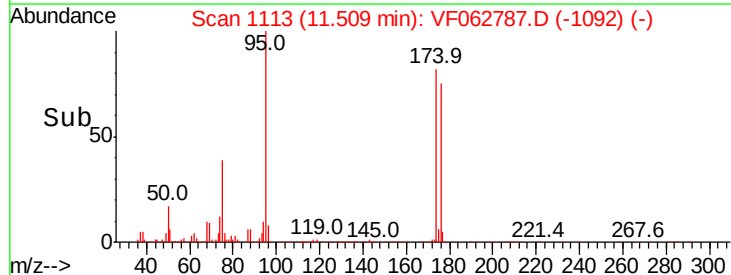
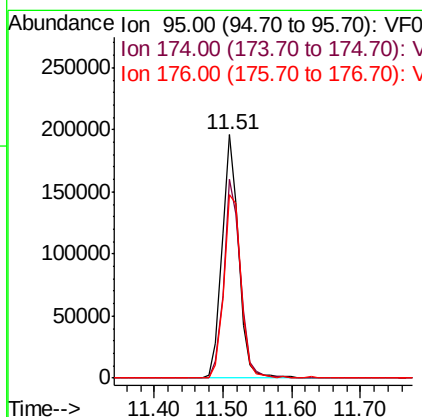
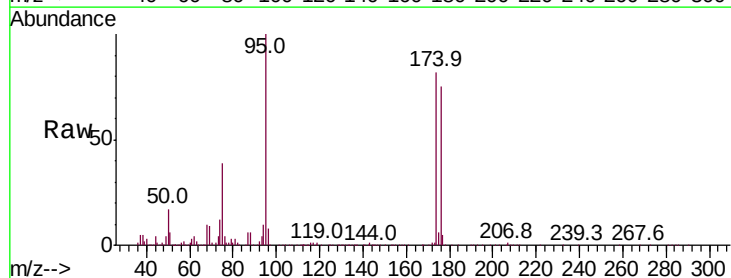
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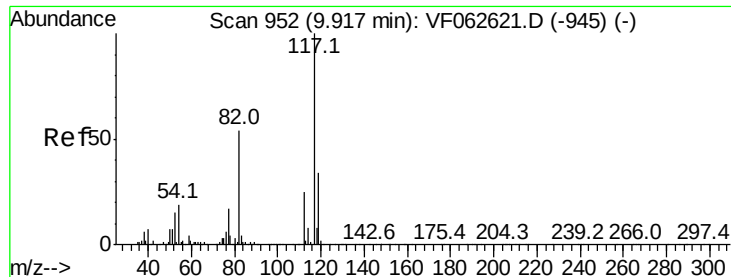
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#62
4-Bromofluorobenzene
Concen: 34.972 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VF062787.D
Acq: 29 May 2019 17:42

Tgt Ion	95	174	176	Ratio	Lower	Upper
95	100					
174	81.7	0.0				185.6
176	75.1	0.0				182.4





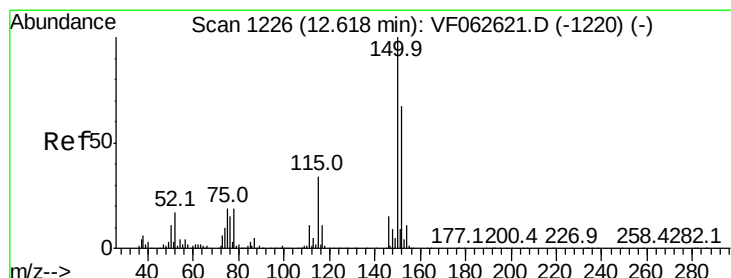
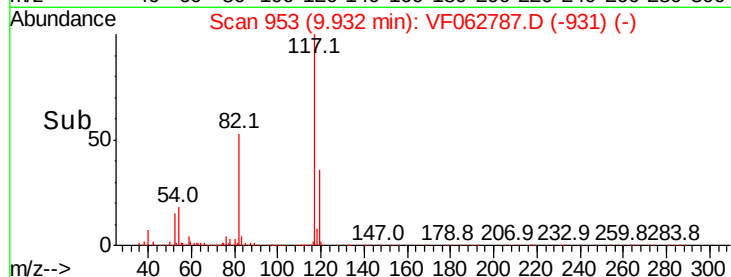
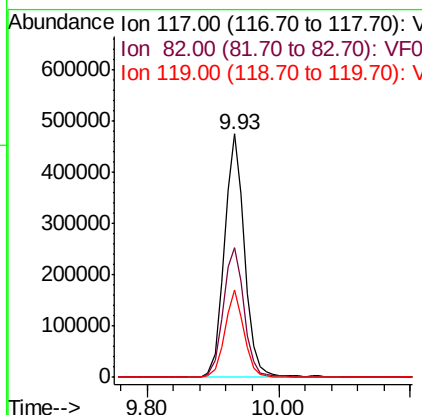
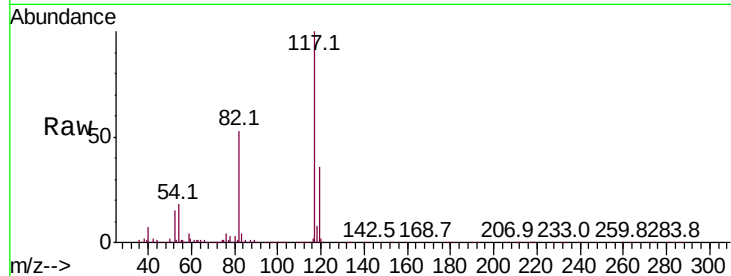
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.02 min
Lab File: VF062787.D
Acq: 29 May 2019 17:42

Instrument :
MSVOA_F
ClientSampleId :
TEST-PIT-6RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.3	64.9
119	35.7	27.4	41.0

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VF062787.D
Acq: 29 May 2019 17:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.3	25.2	75.6
150	153.7	0.0	306.2

