

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF120318\
 Data File : VF060905.D
 Acq On : 3 Dec 2018 21:43
 Operator : VA/AP
 Sample : J6158-01
 Misc : 7.14g/5mL/MSVOA-F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S49-0488

Manual Integrations
 APPROVED

apatel
 12/4/2018 2:52:23 PM

Quant Time: Dec 04 04:15:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	124442	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.62	114	302473	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.80	117	297068	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.57	152	144022	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	115402	78.72	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	157.44%	
35) Dibromofluoromethane	4.14	113	120080	50.04	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	100.08%	
50) Toluene-d8	7.58	98	310138	43.88	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	87.76%	
62) 4-Bromofluorobenzene	11.42	95	147878	46.03	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	92.06%	
Target Compounds						
16) Acetone	2.25	43	20058	74.197	ug/l	98
20) Methylene Chloride	2.27	84	15370m	15.498	ug/l	
27) cis-1,2-Dichloroethene	3.49	96	6712	4.340	ug/l	89
30) Chloroform	3.88	83	3239	1.058	ug/l	94
44) Trichloroethene	5.53	130	210819	86.994	ug/l	99

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

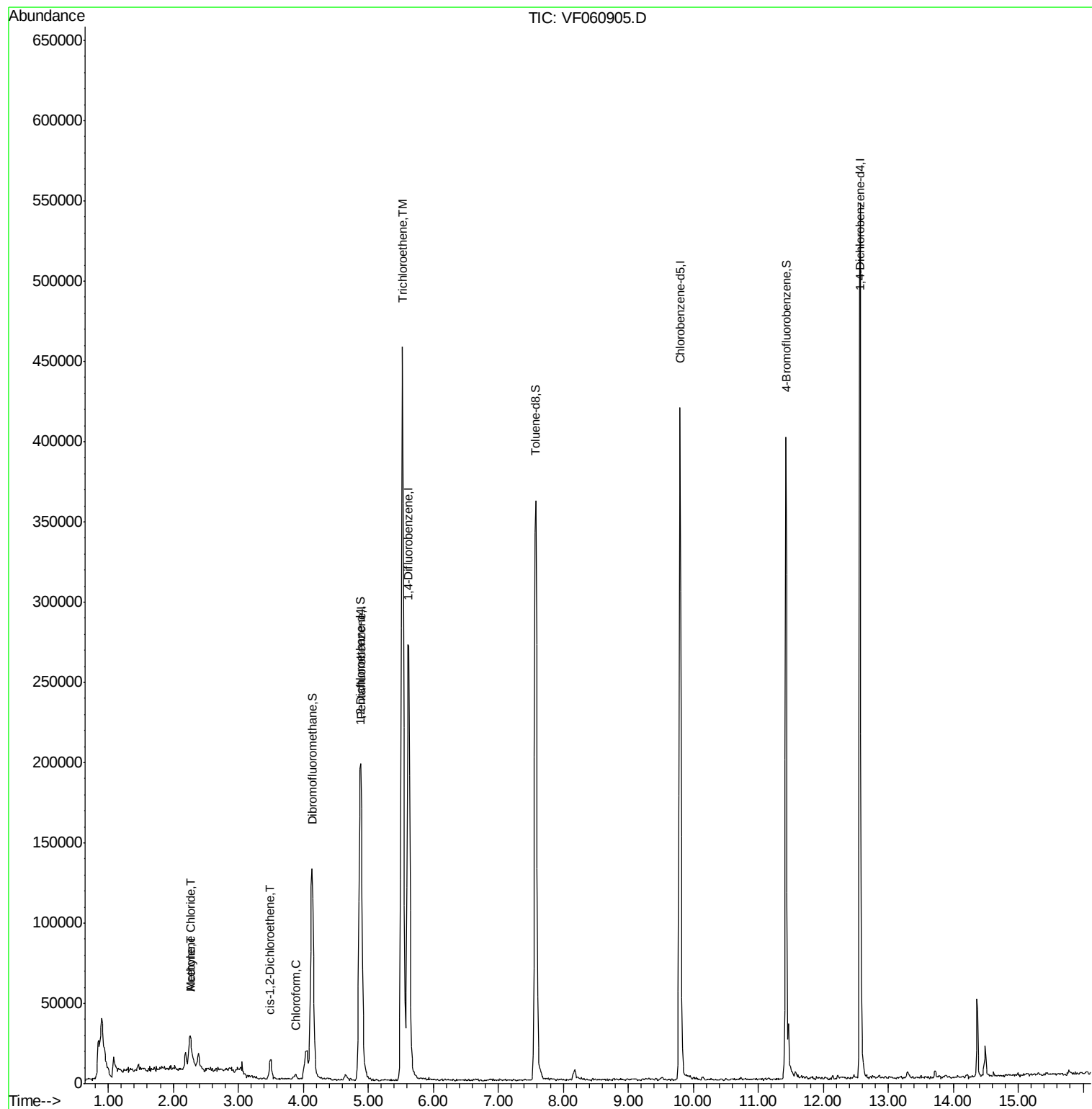
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF120318\
Data File : VF060905.D
Acq On : 3 Dec 2018 21:43
Operator : VA/AP
Sample : J6158-01
Misc : 7.14q/5mL/MSVOA-F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
S49-0488

Manual Integrations
APPROVED

apatel
12/4/2018 2:52:23 PM

Quant Time: Dec 04 04:15:38 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.89 min Scan# 432

Delta R.T. -0.01 min

Lab File: VF060905.D

Acq: 3 Dec 2018 21:43

Instrument :

MSVOA_F

ClientSampleId :

S49-0488

Tot Ion:168 Resp: 124442

Ion Ratio Lower Upper

168 100

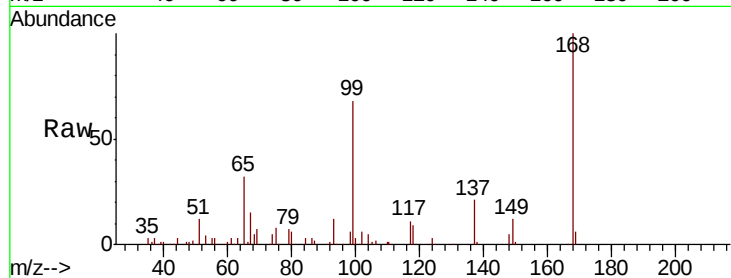
99 68.0 52.6 79.0

Manual Integrations

APPROVED

apatel

12/4/2018 2:52:23 PM



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.89

40000

30000

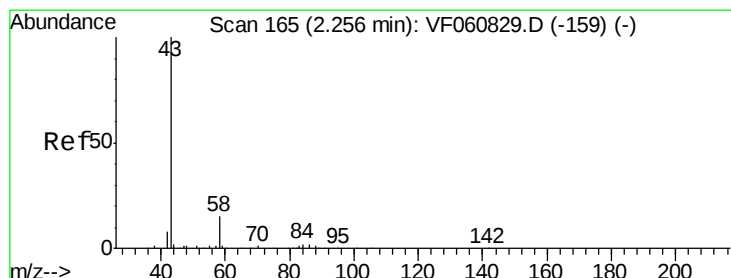
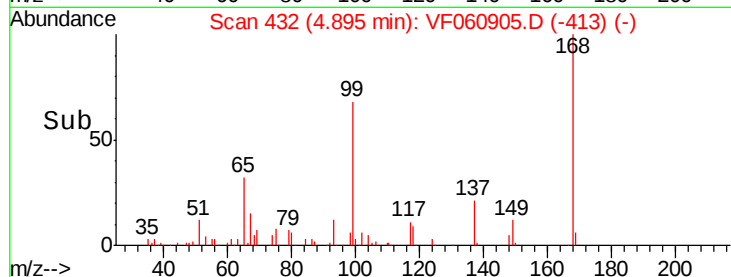
20000

10000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 74.197 ug/l

RT: 2.25 min Scan# 164

Delta R.T. -0.01 min

Lab File: VF060905.D

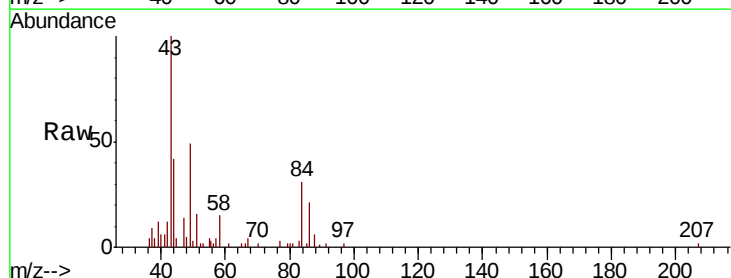
Acq: 3 Dec 2018 21:43

Tgt Ion: 43 Resp: 20058

Ion Ratio Lower Upper

43 100

58 15.1 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.25

8000

6000

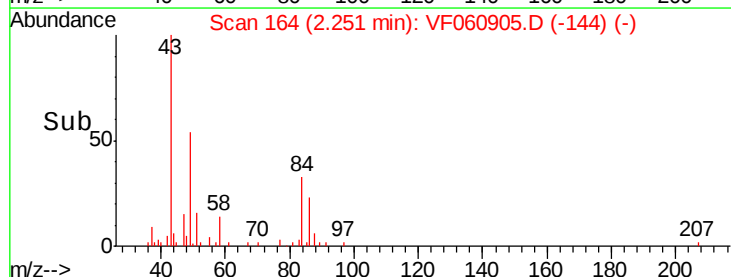
4000

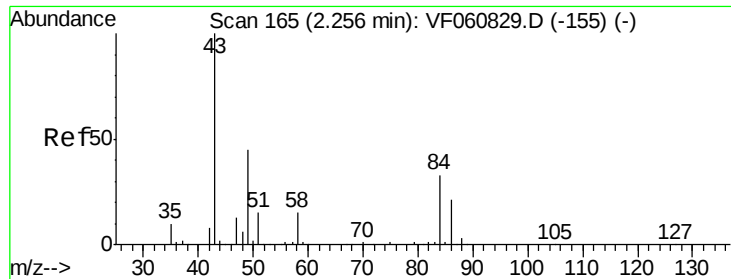
2000

0

2.10 2.20 2.30 2.40

Time-->





#20

Methylene Chloride

Concen: 15.498 ug/l m

RT: 2.27 min Scan# 166

Delta R.T. 0.01 min

Lab File: VF060905.D

Acq: 3 Dec 2018 21:43

Instrument :

MSVOA_F

ClientSampleId :

S49-0488

Tot Ion: 84 Resp: 15370

Ion Ratio Lower Upper

84 100

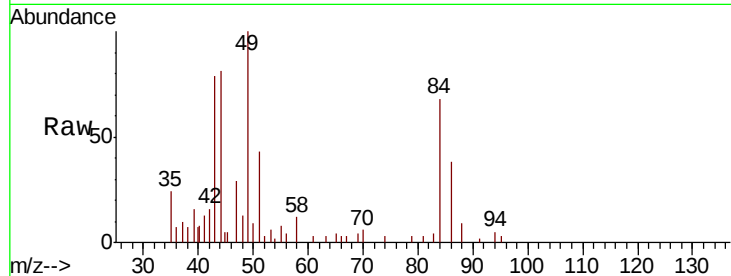
49 147.7 111.3 166.9

51 62.9 38.0 57.0#

86 56.2 49.8 74.8

Manual Integrations
APPROVED

apatel
12/4/2018 2:52:23 PM



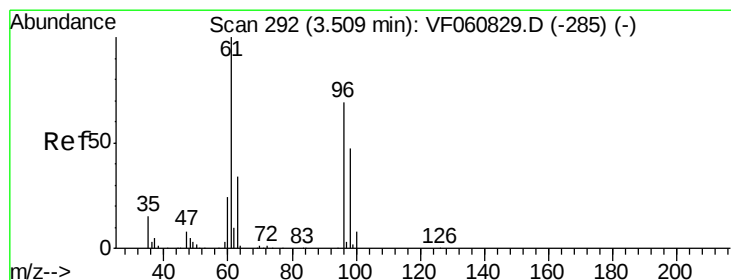
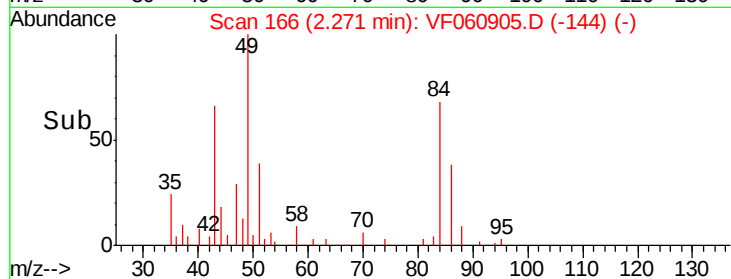
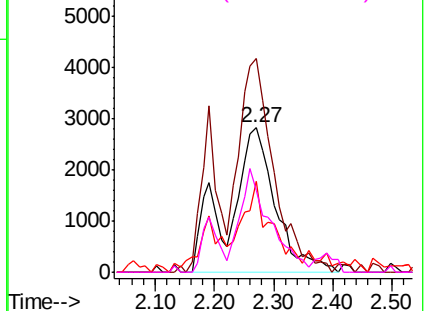
Abundance

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



#27

cis-1,2-Dichloroethene

Concen: 4.340 ug/l

RT: 3.49 min Scan# 290

Delta R.T. -0.01 min

Lab File: VF060905.D

Acq: 3 Dec 2018 21:43

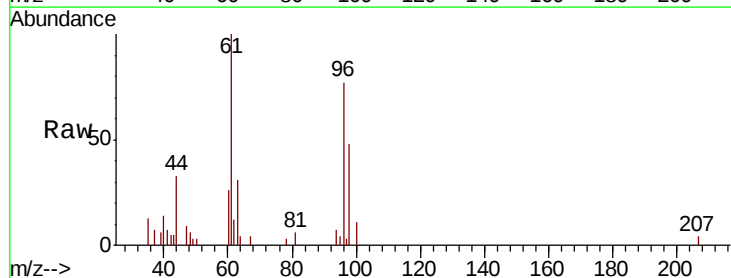
Tgt Ion: 96 Resp: 6712

Ion Ratio Lower Upper

96 100

61 129.6 0.0 290.6

98 62.3 0.0 137.8

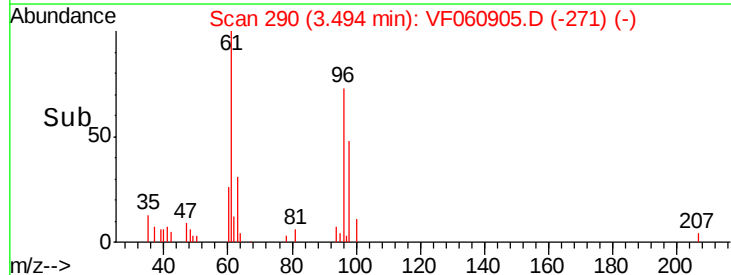
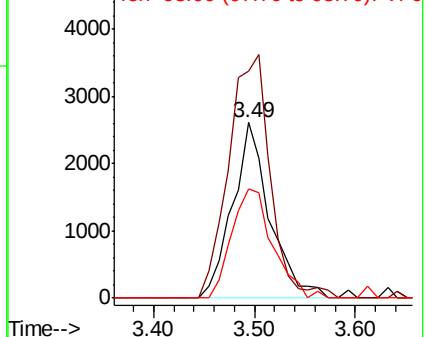


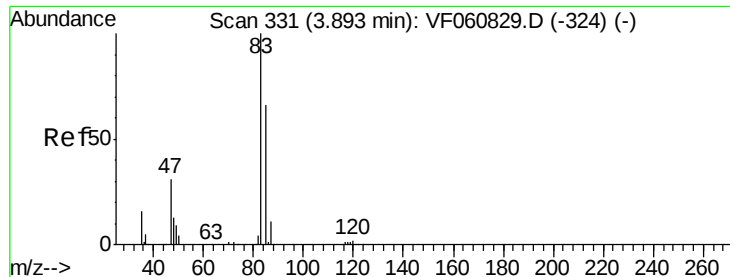
Abundance

Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





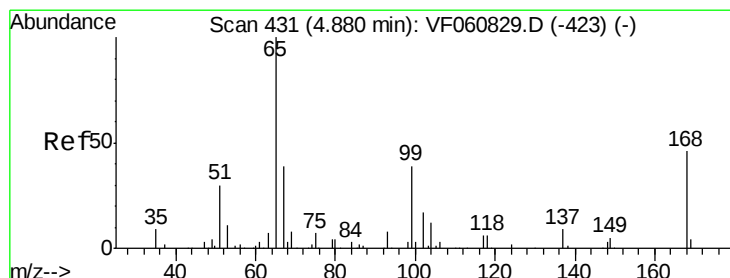
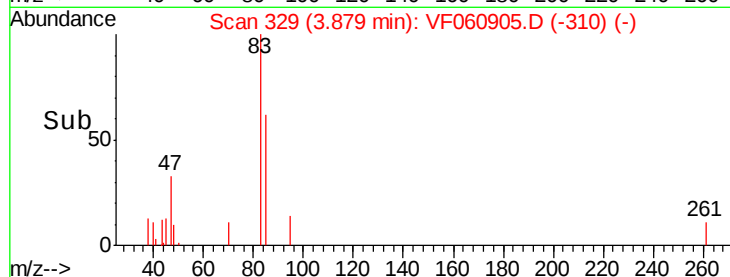
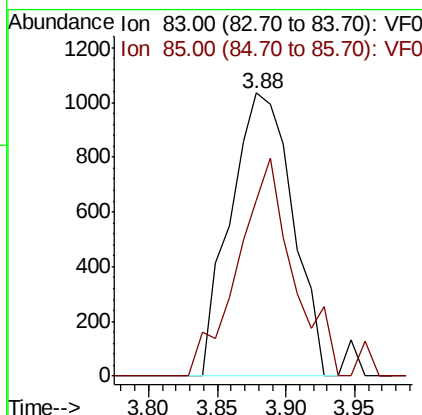
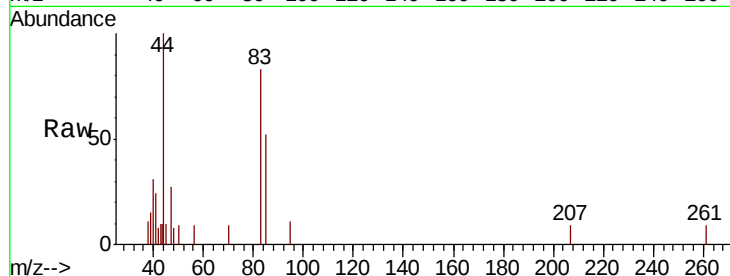
#30
Chloroform
Concen: 1.058 ug/l
RT: 3.88 min Scan# 329
Delta R.T. -0.01 min
Lab File: VF060905.D
Acq: 3 Dec 2018 21:43

Instrument :
MSVOA_F
ClientSampleId :
S49-0488

Tot Ion: 83 Resp: 3239
Ion Ratio Lower Upper
83 100
85 62.2 53.4 80.2

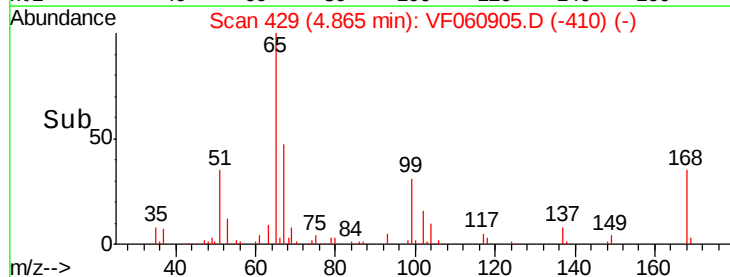
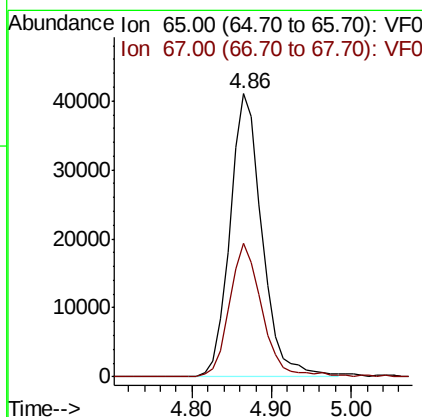
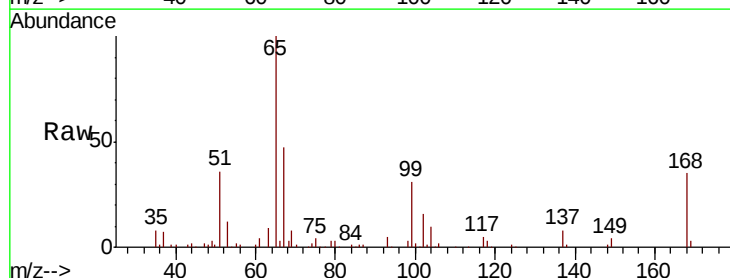
Manual Integrations
APPROVED

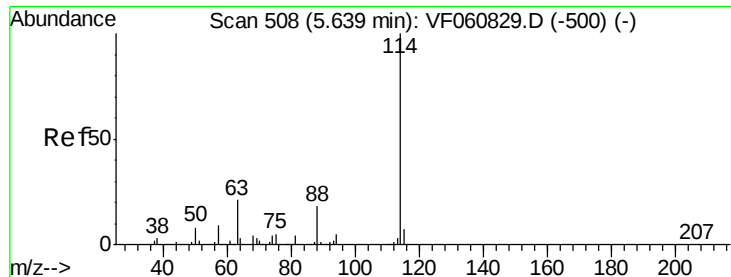
apatel
12/4/2018 2:52:23 PM



#33
1,2-Dichloroethane-d4
Concen: 78.721 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.01 min
Lab File: VF060905.D
Acq: 3 Dec 2018 21:43

Tgt Ion: 65 Resp: 115402
Ion Ratio Lower Upper
65 100
67 47.4 0.0 96.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 506

Delta R.T. -0.01 min

Lab File: VF060905.D

Acq: 3 Dec 2018 21:43

Instrument :

MSVOA_F

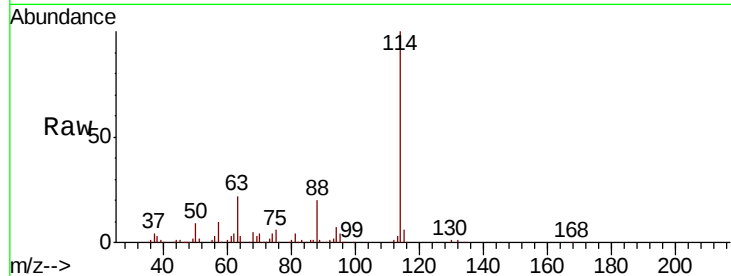
ClientSampleId :

S49-0488

Tot Ion:	114	Resp:	302473
Ion Ratio	Lower	Upper	
114	100		
63	21.7	0.0	41.6
88	19.7	0.0	36.6

Manual Integrations
APPROVED

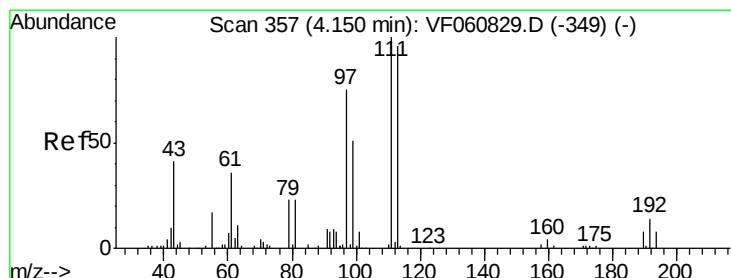
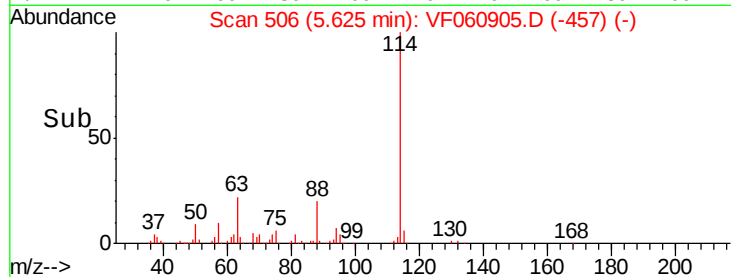
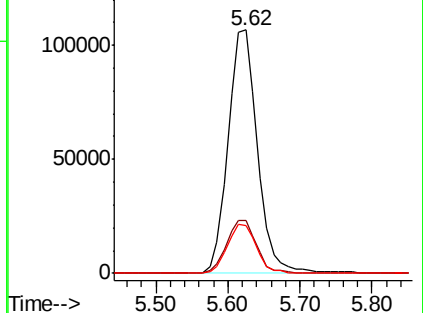
apatel
12/4/2018 2:52:23 PM



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: 50.042 ug/l

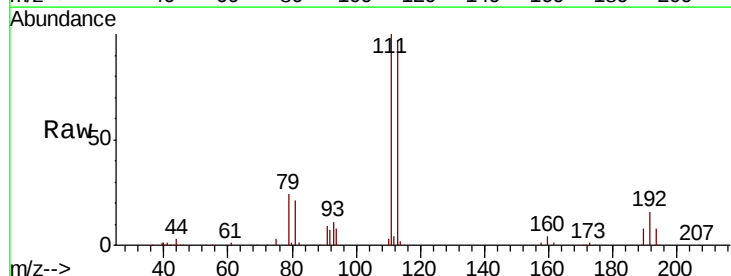
RT: 4.14 min Scan# 355

Delta R.T. -0.01 min

Lab File: VF060905.D

Acq: 3 Dec 2018 21:43

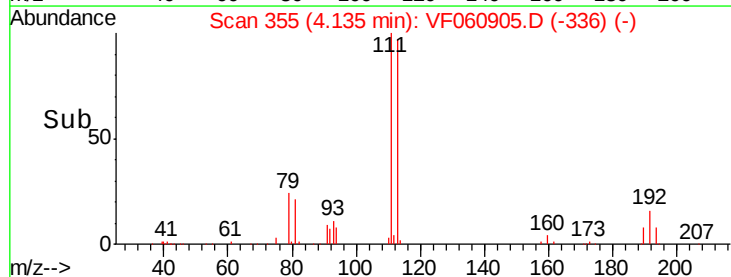
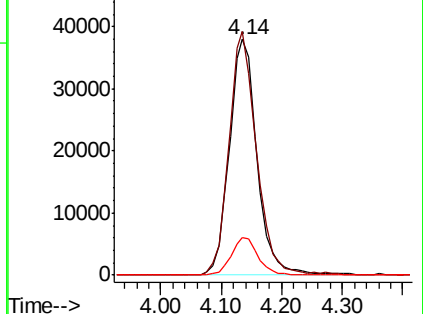
Tgt Ion:	113	Resp:	120080
Ion Ratio	Lower	Upper	
113	100		
111	103.2	83.0	124.6
192	16.0	12.3	18.5

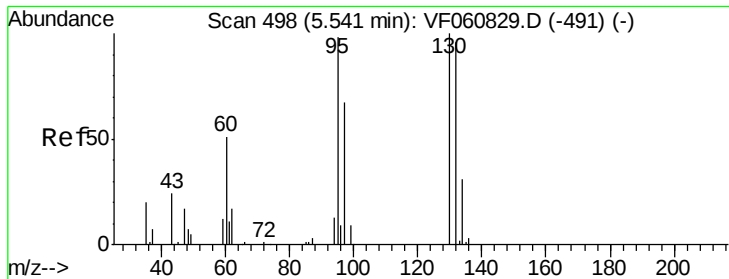


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





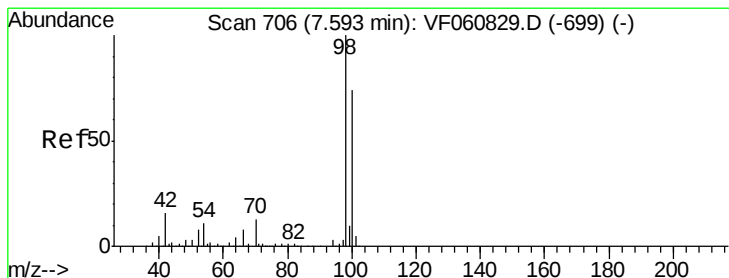
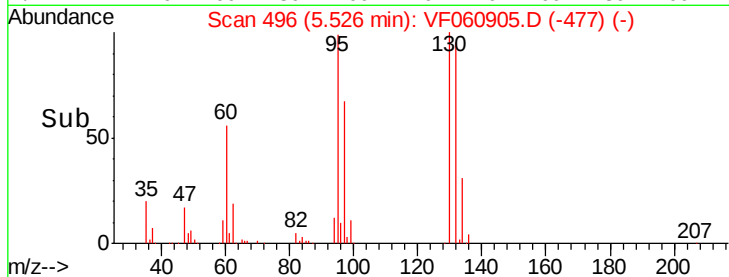
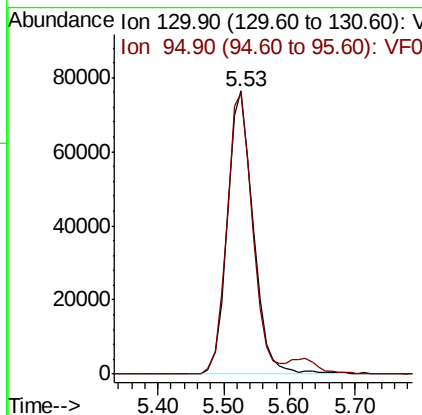
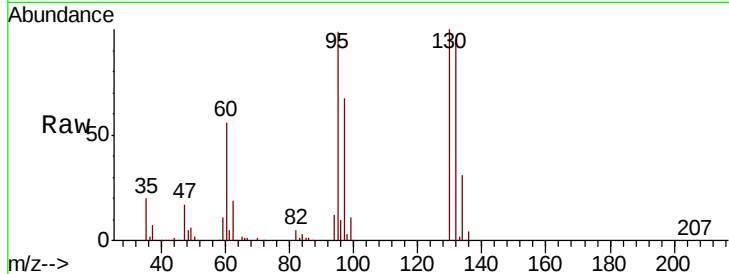
#44
 Trichloroethene
 Concen: 86.994 ug/l
 RT: 5.53 min Scan# 496
 Delta R.T. -0.01 min
 Lab File: VF060905.D
 Acq: 3 Dec 2018 21:43

Instrument :
 MSVOA_F
 ClientSampleId :
 S49-0488

Tot Ion	Ratio	Resp	Lower	Upper
130	100	210819		
95	99.0	0.0	195.6	

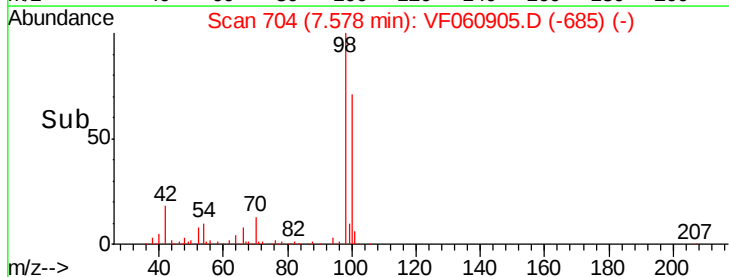
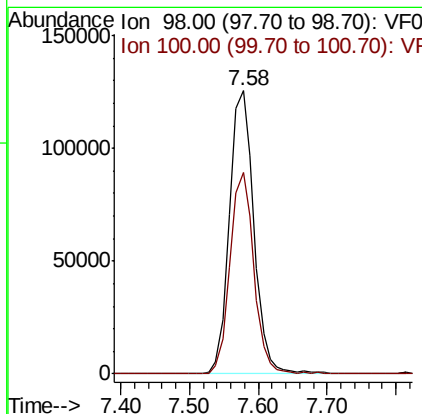
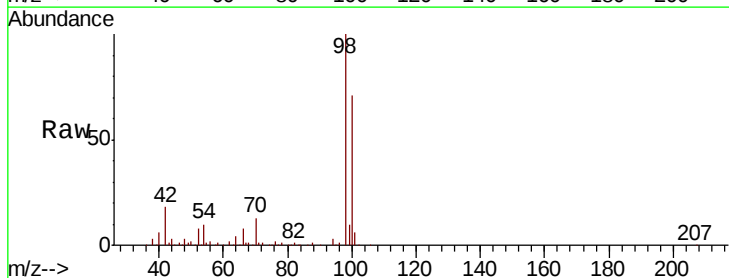
Manual Integrations
 APPROVED

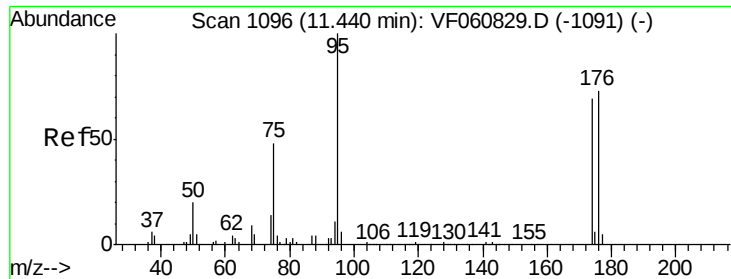
apatel
 12/4/2018 2:52:23 PM



#50
 Toluene-d8
 Concen: 43.876 ug/l
 RT: 7.58 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: VF060905.D
 Acq: 3 Dec 2018 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	310138		
100	71.4	59.3	88.9	





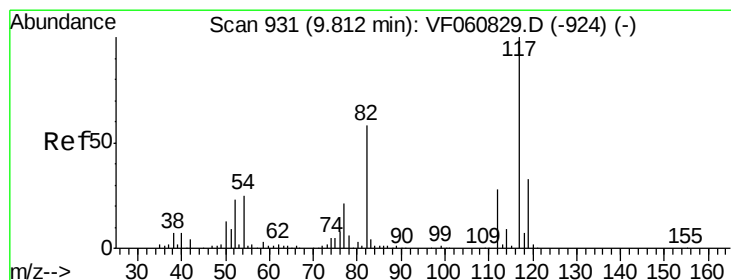
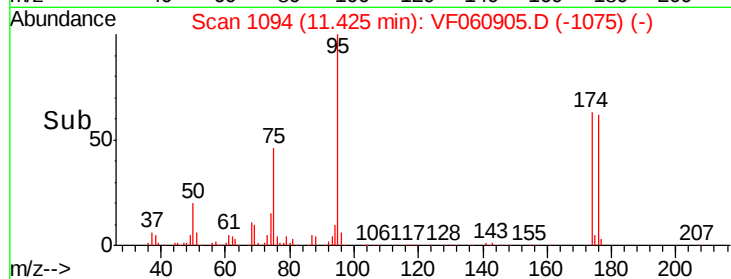
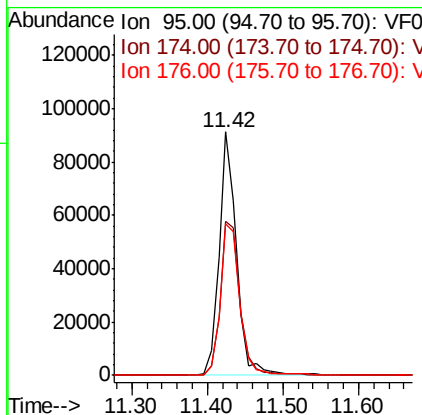
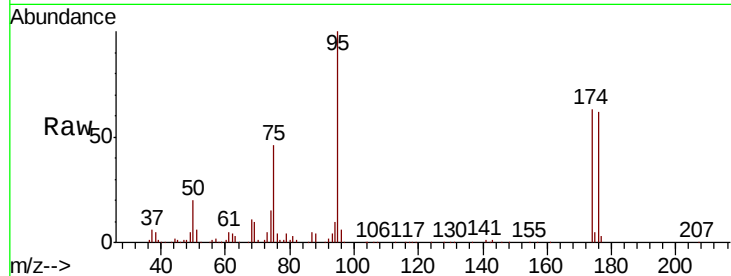
#62
4-Bromofluorobenzene
Concen: 46.032 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. -0.01 min
Lab File: VF060905.D
Acq: 3 Dec 2018 21:43

Instrument :
MSVOA_F
ClientSampleId :
S49-0488

Tot Ion	Ratio	Resp	Lower	Upper
95	100	147878		
174	63.4	0.0	138.2	
176	62.0	0.0	146.2	

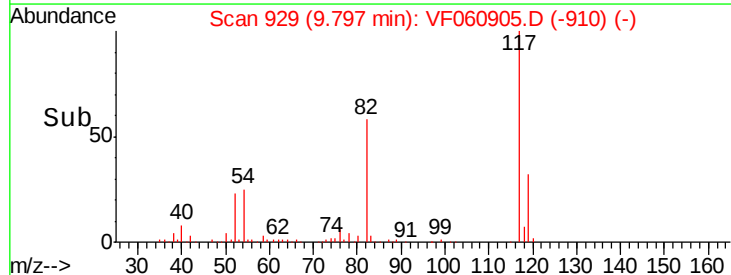
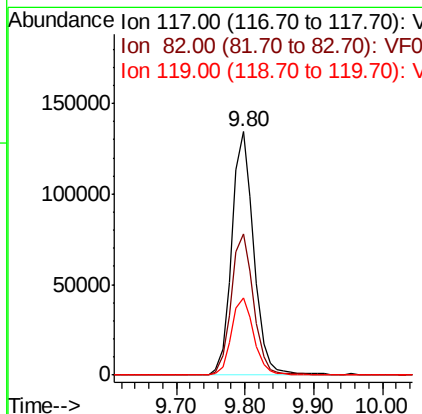
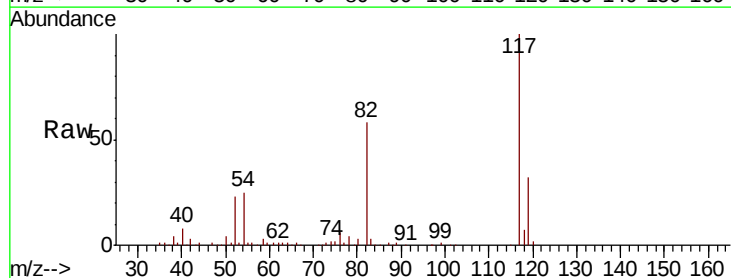
Manual Integrations
APPROVED

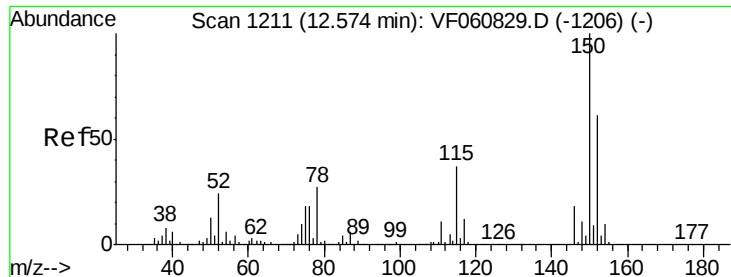
apatel
12/4/2018 2:52:23 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.80 min Scan# 929
Delta R.T. -0.01 min
Lab File: VF060905.D
Acq: 3 Dec 2018 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	297068		
82	58.2	46.6	69.8	
119	31.9	26.4	39.6	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.57 min Scan# 1210

Delta R.T. -0.01 min

Lab File: VF060905.D

Acq: 3 Dec 2018 21:43

Instrument :

MSVOA_F

ClientSampleId :

S49-0488

Tot Ion:152 Resp: 144022

Ion Ratio Lower Upper

152 100

115 56.5 30.1 90.5

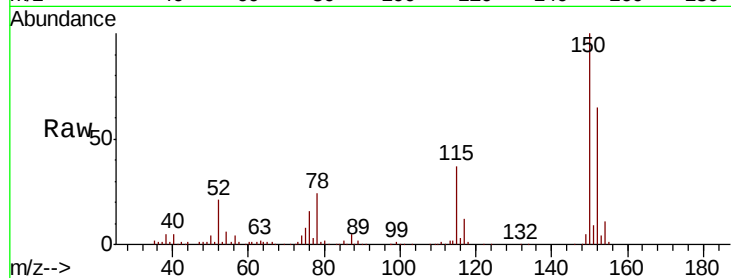
150 153.7 0.0 327.6

Manual Integrations

APPROVED

apatel

12/4/2018 2:52:23 PM



Abundance

Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

