

Data File : VF062467.D
Acq On : 11 May 2019 18:32
Operator : FY/SY
Sample : K2734-15
Misc : 6.39g/5mL/MSVOA_F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P026-SS013-1824-01

Manual Integrations
APPROVED

MMDadoda
5/12/2019 12:04:43 PM

Quant Time: May 12 04:35:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	122348	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.78	114	193099	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.91	117	147461	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.61	152	80864	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	106741	92.32	ug/l	0.02
Spiked Amount 50.000			Recovery	=	184.64%	
35) Dibromofluoromethane	4.31	113	104327	67.82	ug/l	0.01
Spiked Amount 50.000			Recovery	=	135.64%	
50) Toluene-d8	7.72	98	120079	32.25	ug/l	0.01
Spiked Amount 50.000			Recovery	=	64.50%	
62) 4-Bromofluorobenzene	11.50	95	57028	33.94	ug/l	0.01
Spiked Amount 50.000			Recovery	=	67.88%	
Target Compounds						
20) Methylene Chloride	2.34	84	6518m	7.702	ug/l	Qvalue

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

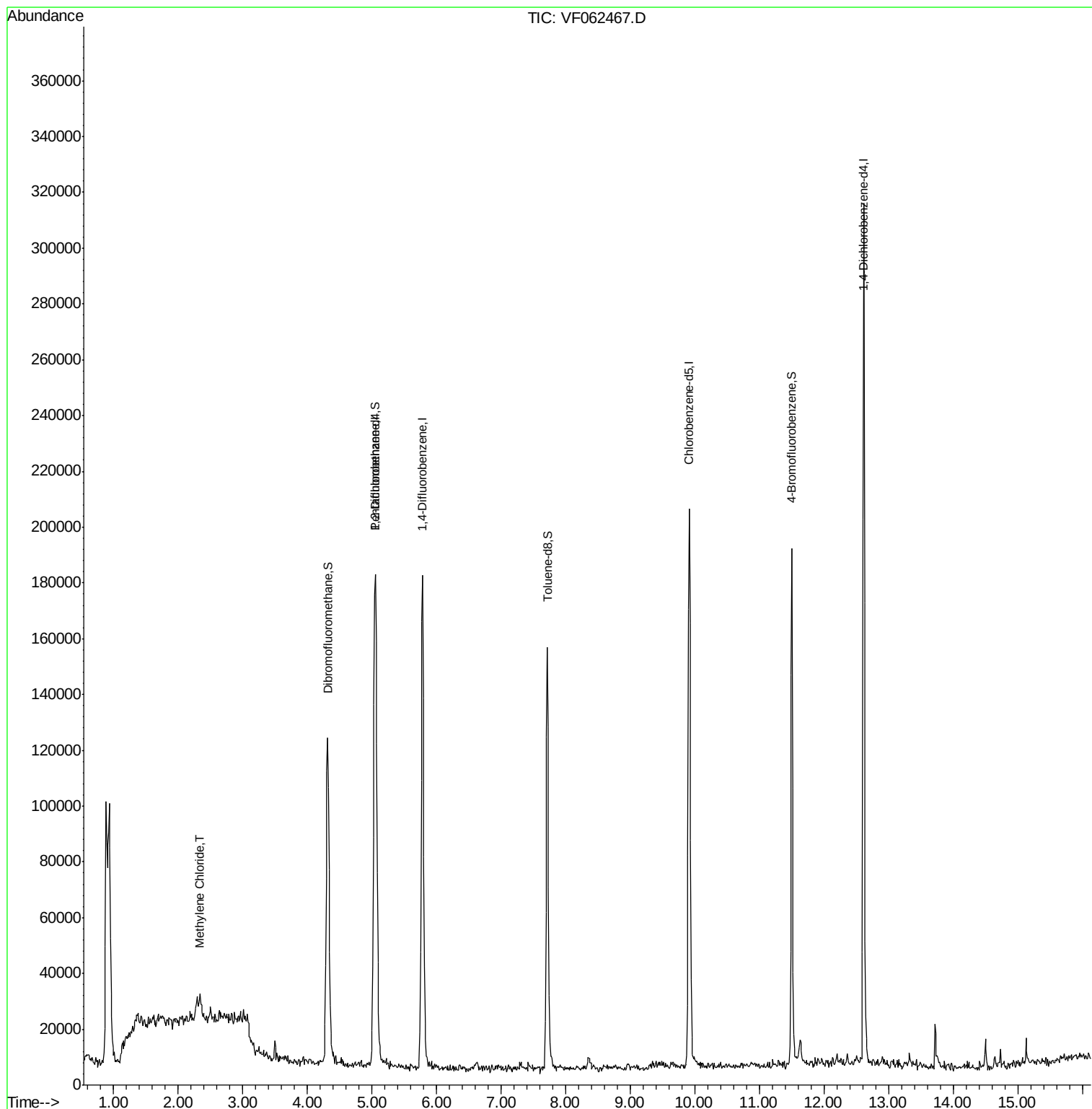
Data File : VF062467.D
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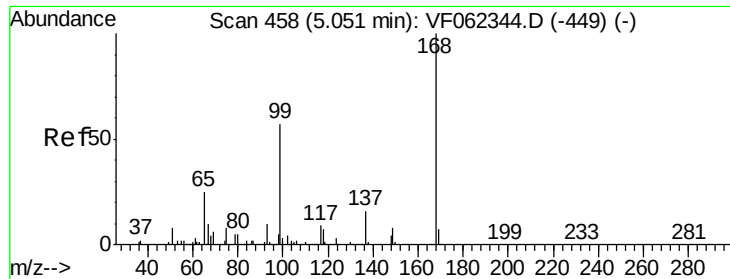
Instrument :
MSVOA_F
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Quant Time: May 12 04:35:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 460

Delta R.T. 0.01 min

Lab File: VF062467.D

Acq: 11 May 2019 18:32

Instrument :

MSVOA_F

ClientSampleId :

P026-SS013-1824-01

Tgt Ion: 168 Resp: 122348

Ion Ratio Lower Upper

168 100

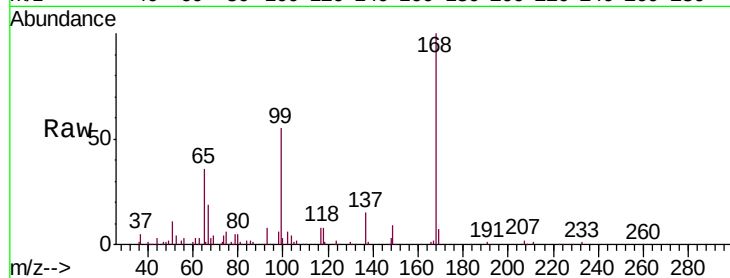
99 54.5 45.9 68.9

Manual Integrations

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5/12/2019 12:04:43 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0

5.06

40000

30000

20000

10000

0

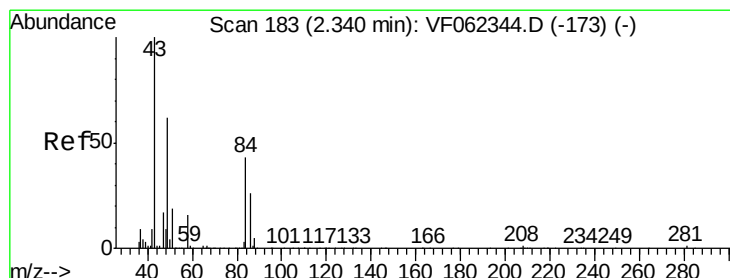
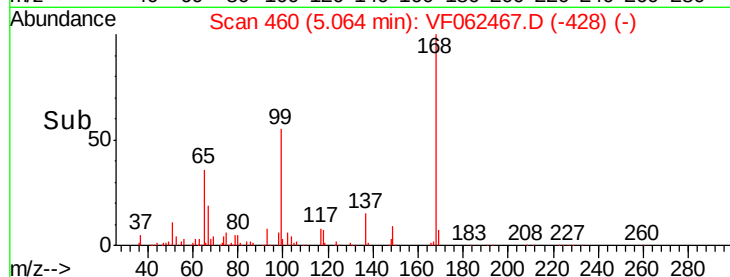
Time-->

4.90

5.00

5.10

5.20



#20

Methylene Chloride

Concen: 7.702 ug/l m

RT: 2.34 min Scan# 184

Delta R.T. 0.00 min

Lab File: VF062467.D

Acq: 11 May 2019 18:32

Tgt Ion: 84 Resp: 6518

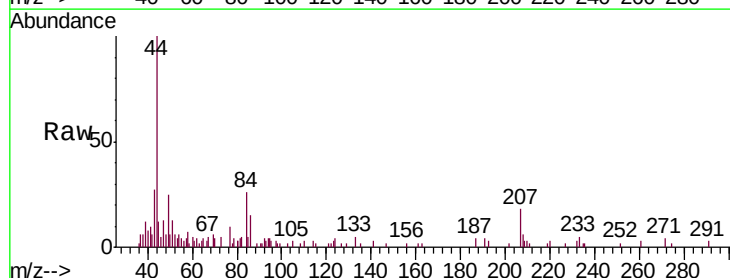
Ion Ratio Lower Upper

84 100

49 96.8 117.5 176.3#

51 49.2 37.0 55.4

86 58.2 49.3 73.9



Abundance Ion 83.90 (83.60 to 84.60): VF0

Ion 48.90 (48.60 to 49.60): VF0

Ion 50.90 (50.60 to 51.60): VF0

Ion 85.90 (85.60 to 86.60): VF0

4000

3000

2000

1000

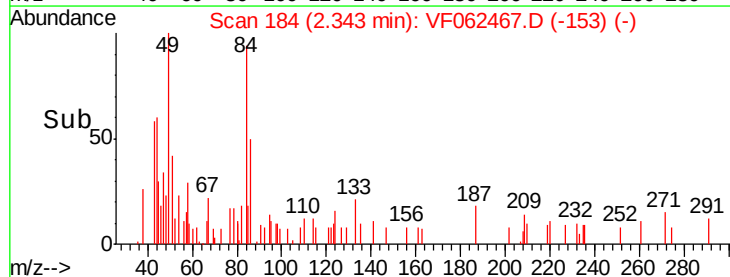
0

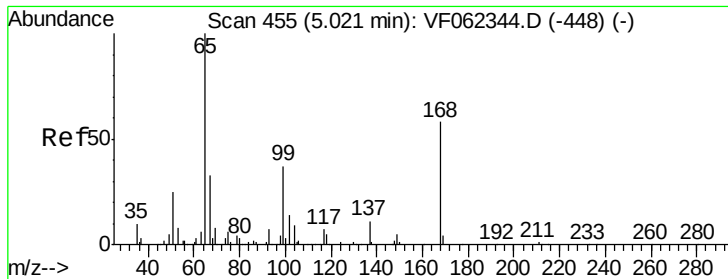
Time-->

2.20

2.30

2.40





#33

1,2-Dichloroethane-d4

Concen: 92.317 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.02 min

Lab File: VF062467.D

Acq: 11 May 2019 18:32

Instrument :

MSVOA_F

ClientSampleId :

P026-SS013-1824-01

Tgt Ion: 65 Resp: 106741

Ion Ratio Lower Upper

65 100

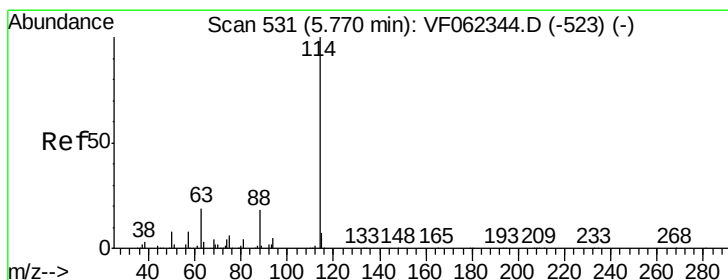
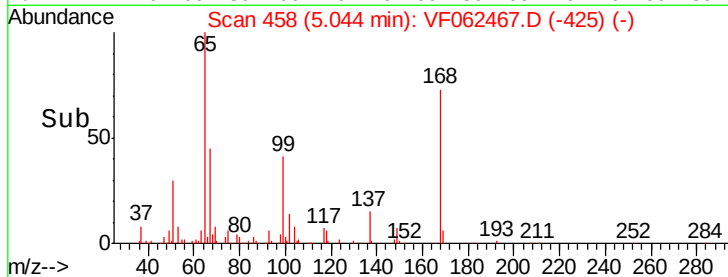
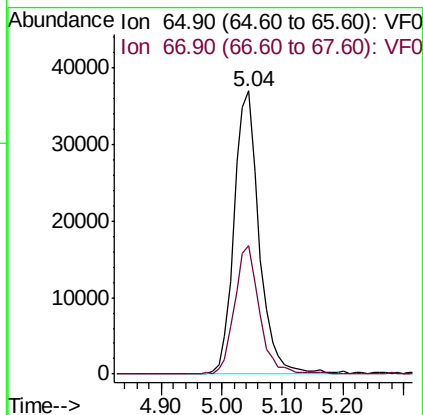
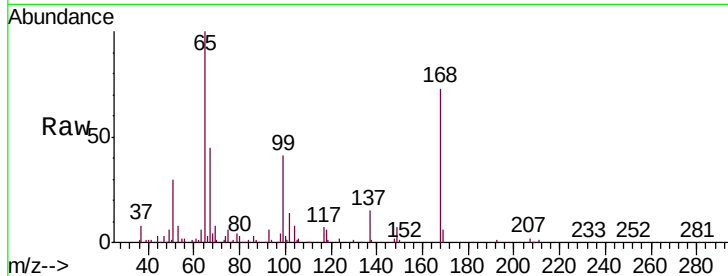
67 44.9 0.0 85.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 533

Delta R.T. 0.01 min

Lab File: VF062467.D

Acq: 11 May 2019 18:32

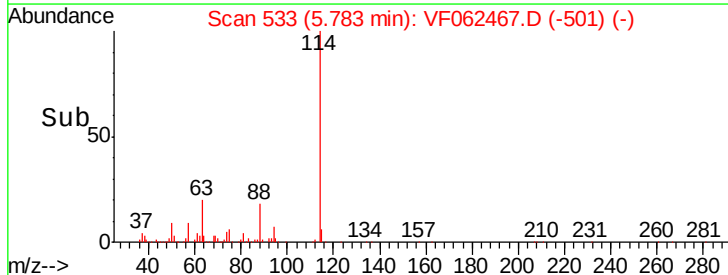
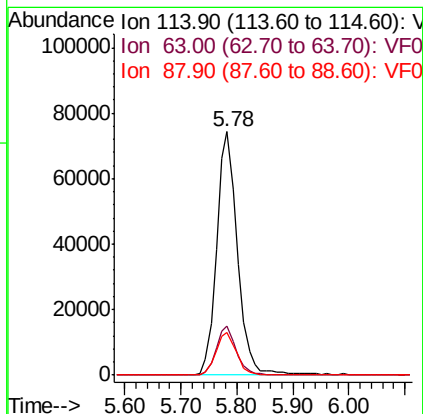
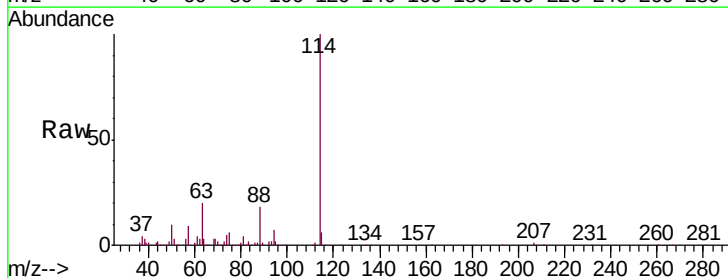
Tgt Ion: 114 Resp: 193099

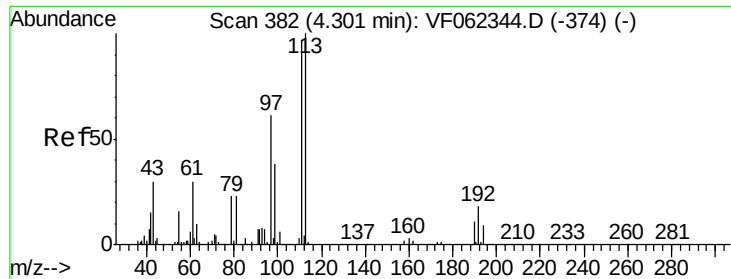
Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

88 17.5 0.0 36.4





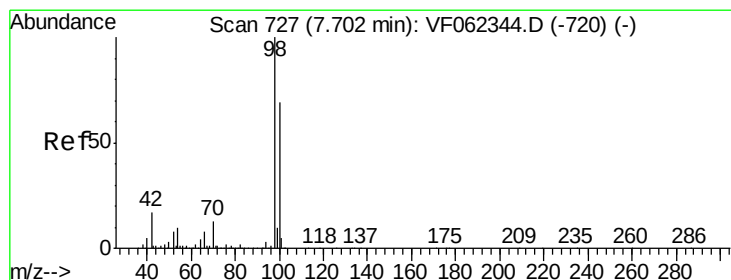
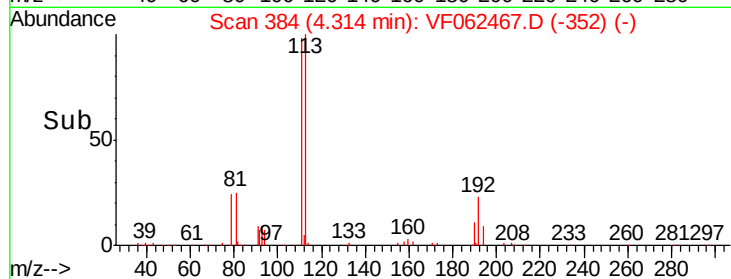
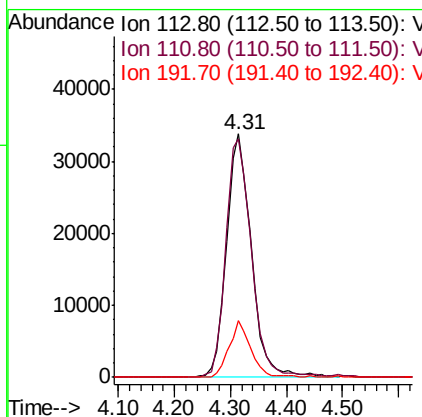
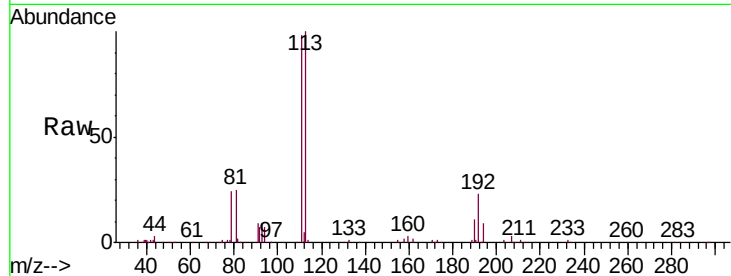
#35
Dibromofluoromethane
Concen: 67.816 ug/l
RT: 4.31 min Scan# 384
Delta R.T. 0.01 min
Lab File: VF062467.D
Acq: 11 May 2019 18:32

Instrument :
MSVOA_F
ClientSampleId :
P026-SS013-1824-01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.8	79.4	119.0
192	20.3	16.0	24.0

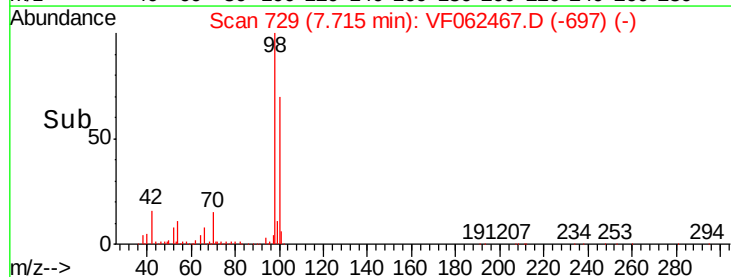
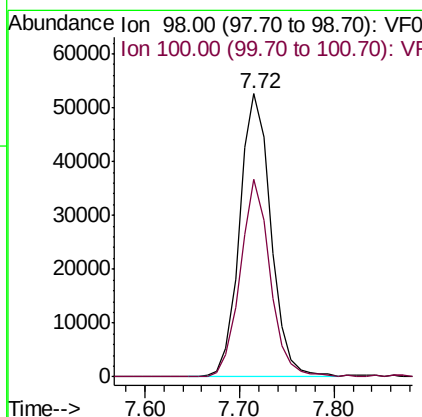
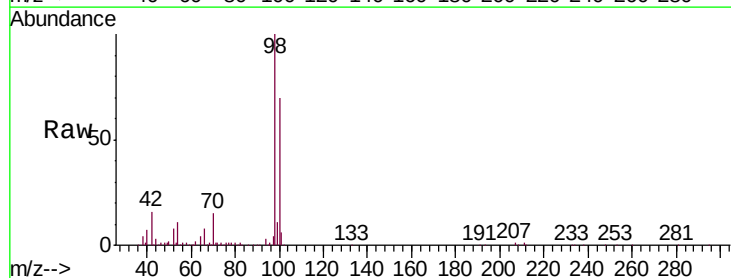
Manual Integrations
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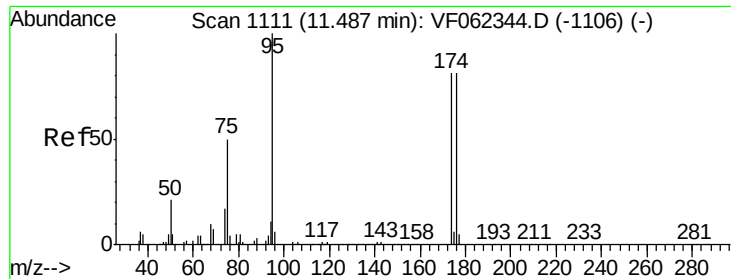
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5/12/2019 12:04:43 PM



#50
Toluene-d8
Concen: 32.246 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.01 min
Lab File: VF062467.D
Acq: 11 May 2019 18:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.3	79.9





#62

4-Bromofluorobenzene

Concen: 33.944 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.01 min

Lab File: VF062467.D

Acq: 11 May 2019 18:32

Instrument :

MSVOA_F

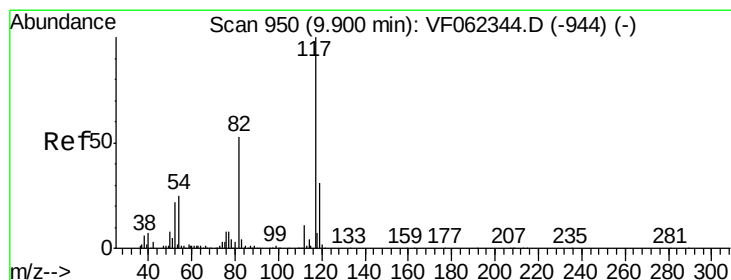
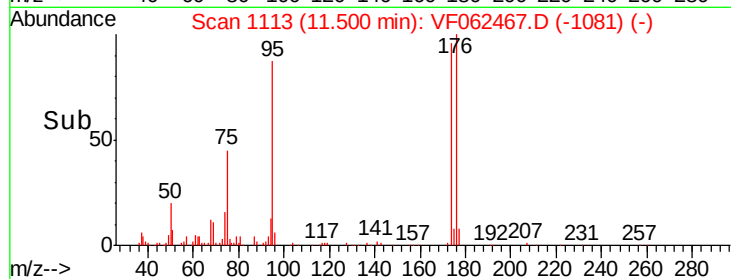
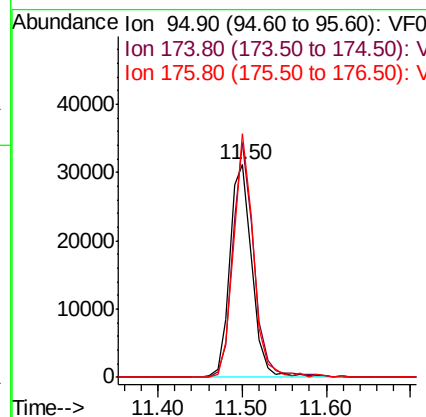
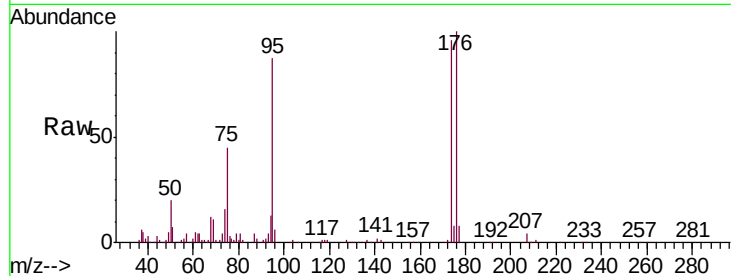
ClientSampleId :

P026-SS013-1824-01

Tgt Ion:	95	Resp:	57028
Ion Ratio	Lower	Upper	
95	100		
174	104.3	0.0	191.8
176	102.8	0.0	193.2

Manual Integrations
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5/12/2019 12:04:43 PM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

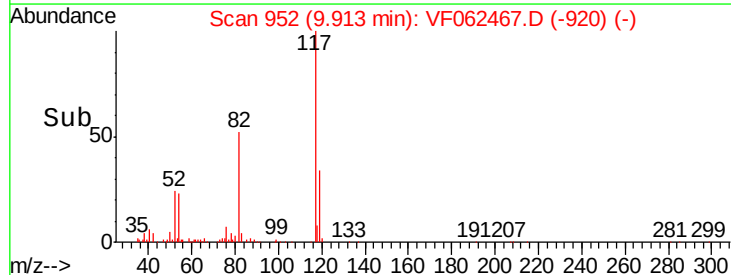
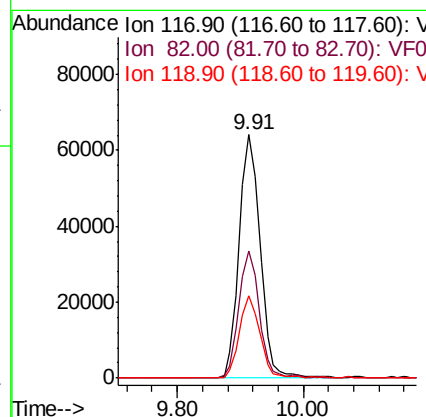
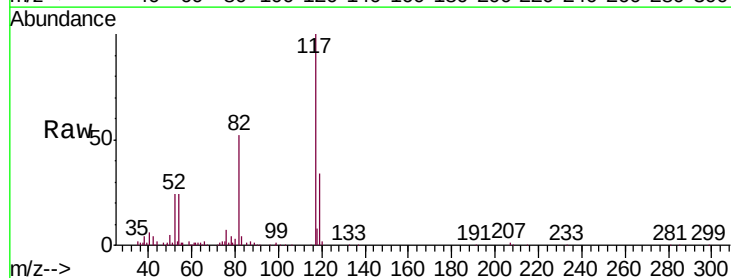
RT: 9.91 min Scan# 952

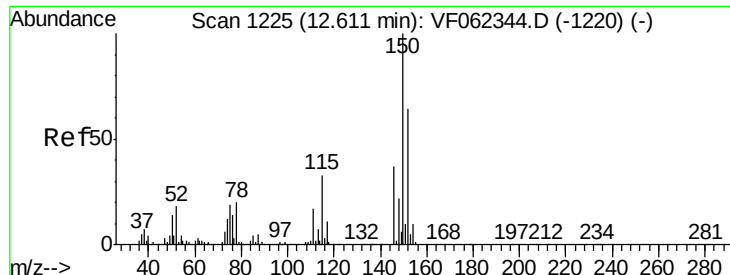
Delta R.T. 0.01 min

Lab File: VF062467.D

Acq: 11 May 2019 18:32

Tgt Ion:	117	Resp:	147461
Ion Ratio	Lower	Upper	
117	100		
82	52.5	42.2	63.2
119	34.1	25.0	37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.61 min Scan# 1226

Delta R.T. 0.00 min

Lab File: VF062467.D

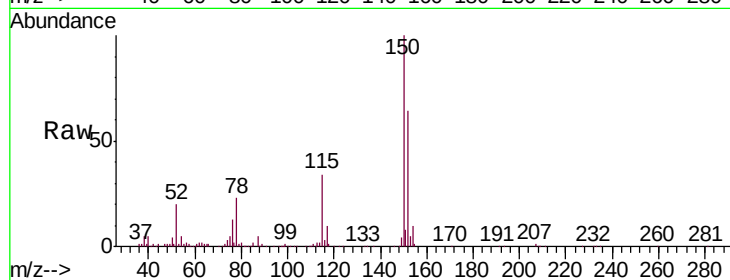
Acq: 11 May 2019 18:32

Instrument :

MSVOA_F

ClientSampleId :

P026-SS013-1824-01



Tgt Ion:152 Resp: 80864

Ion Ratio Lower Upper

152 100

115 53.6 26.4 79.2

150 150.8 0.0 335.0

Manual Integrations

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5/12/2019 12:04:43 PM

