

Data File : VF062488.D
Acq On : 12 May 2019 5:42
Operator : FY/SY
Sample : K2756-05
Misc : 6.15g/5mL/MSVOA_F/SOIL
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-1824-01

Manual Integrations
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5/12/2019 12:34:10 PM

Quant Time: May 12 12:00:34 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	5.07	168	175325	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.79	114	242095	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	209310	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	119899	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.05	65	114251	68.95	ug/l	0.03
Spiked Amount 50.000			Recovery	=	137.90%	
35) Dibromofluoromethane	4.33	113	130653	67.74	ug/l	0.03
Spiked Amount 50.000			Recovery	=	135.48%	
50) Toluene-d8	7.72	98	178423	38.22	ug/l	0.02
Spiked Amount 50.000			Recovery	=	76.44%	
62) 4-Bromofluorobenzene	11.50	95	90617	43.02	ug/l	0.02
Spiked Amount 50.000			Recovery	=	86.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	2.29	84	12587m	10.380	ug/l	

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

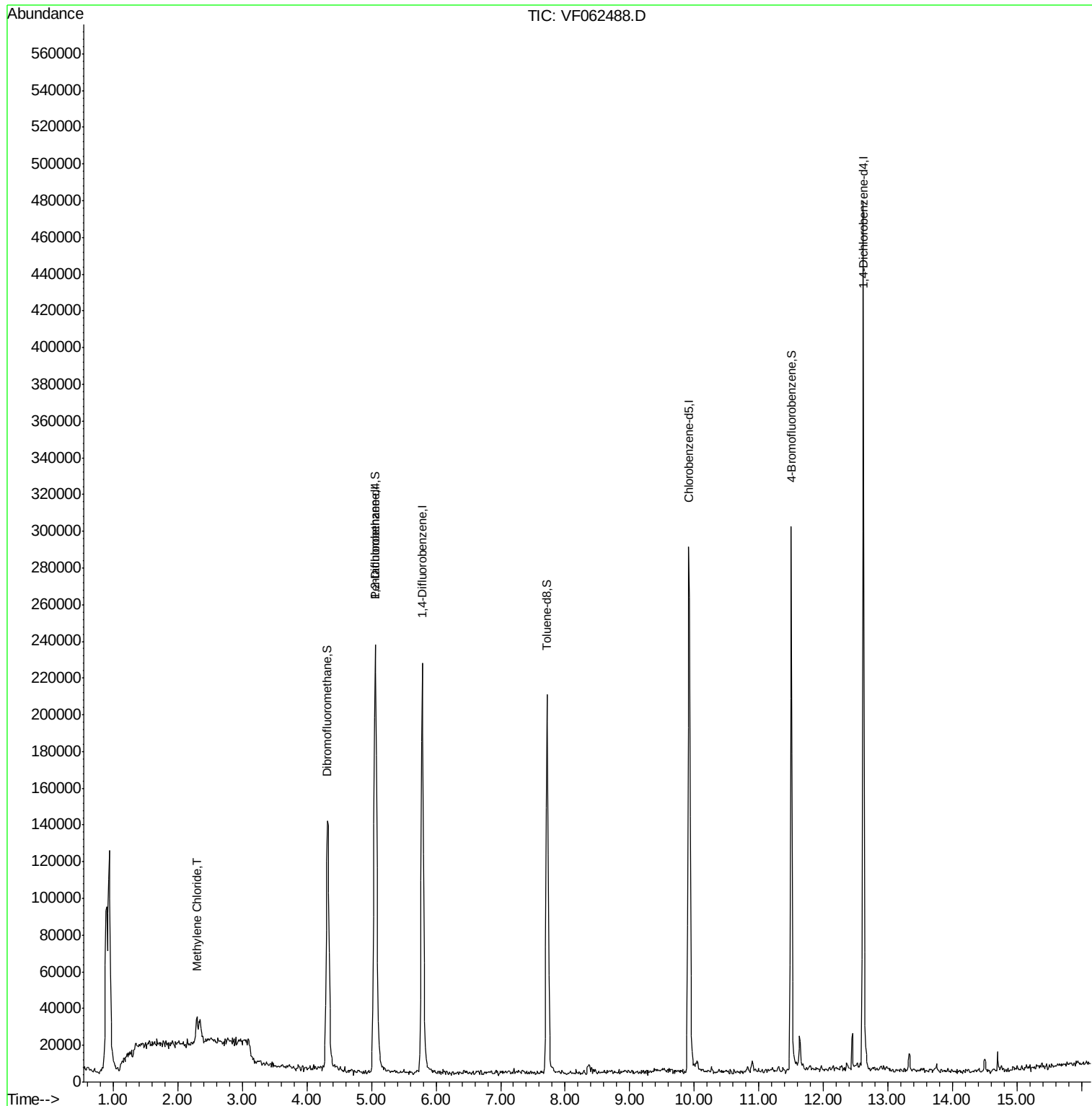
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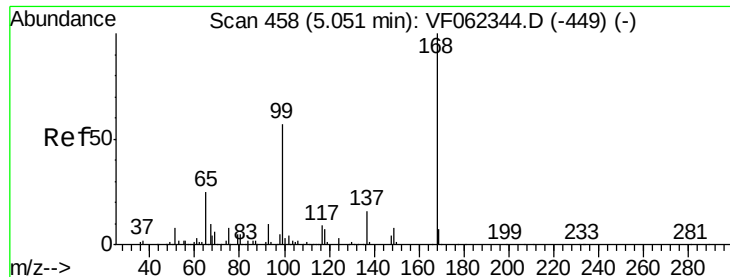
Instrument :
MSVOA_F
ClientSampleId :
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Quant Time: May 12 12:00:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. 0.02 min

Lab File: VF062488.D

Acq: 12 May 2019 5:42

Instrument :

MSVOA_F

ClientSampleId :

P021-SS005-1824-01

Tgt Ion: 168 Resp: 175325

Ion Ratio Lower Upper

168 100

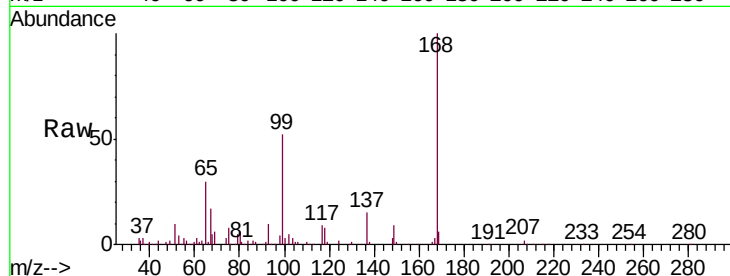
99 52.5 45.9 68.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.07

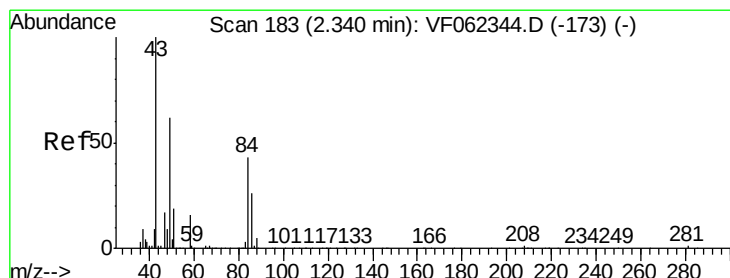
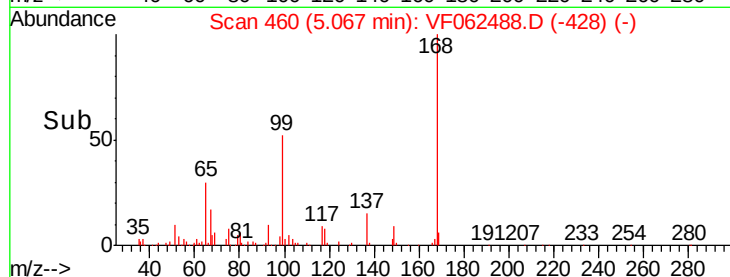
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 10.380 ug/l m

RT: 2.29 min Scan# 178

Delta R.T. -0.05 min

Lab File: VF062488.D

Acq: 12 May 2019 5:42

Tgt Ion: 84 Resp: 12587

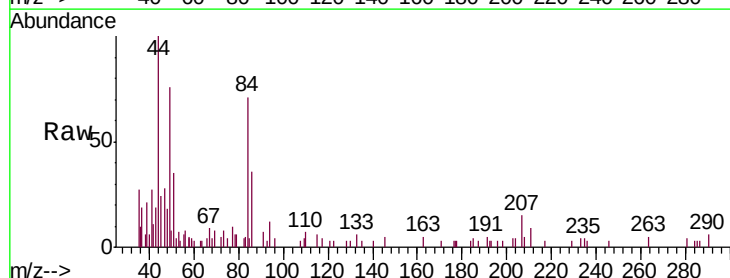
Ion Ratio Lower Upper

84 100

49 108.4 117.5 176.3#

51 50.1 37.0 55.4

86 51.4 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

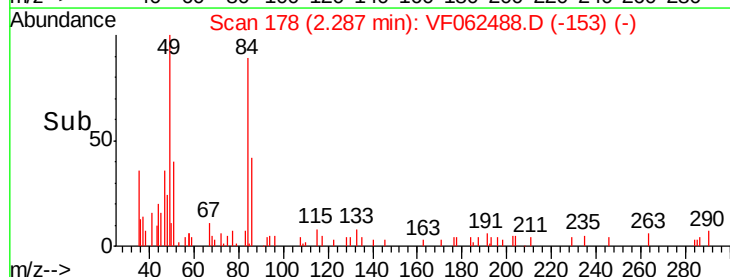
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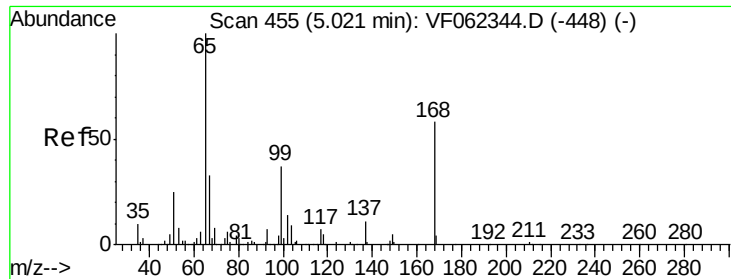
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Time-->





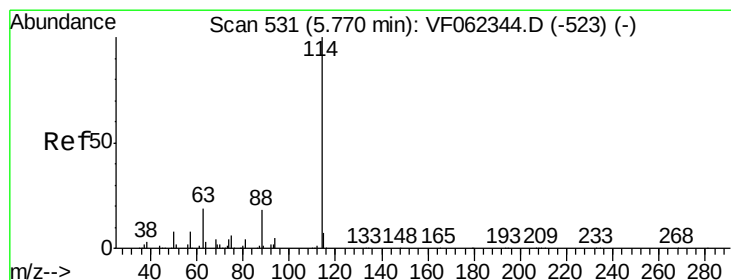
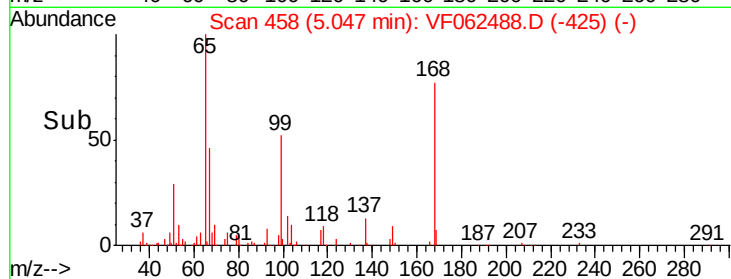
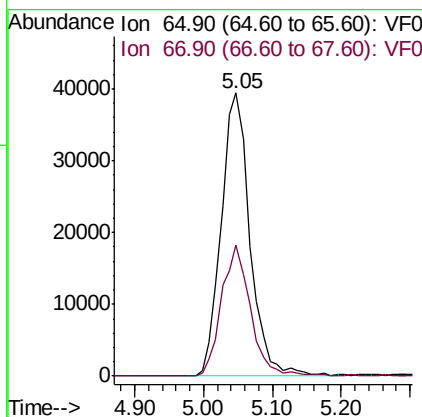
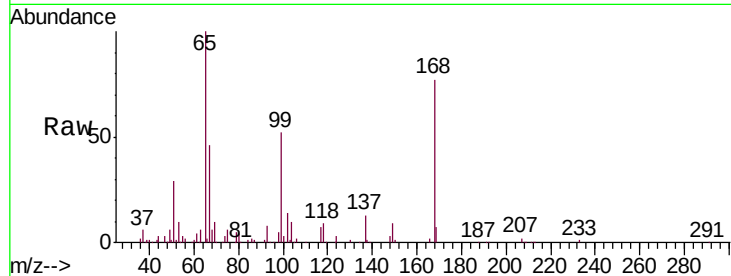
#33
 1,2-Dichloroethane-d4
 Concen: 68.955 ug/l
 RT: 5.05 min Scan# 458
 Delta R.T. 0.03 min
 Lab File: VF062488.D
 Acq: 12 May 2019 5:42

Instrument :
 MSVOA_F
 ClientSampleId :
 P021-SS005-1824-01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	114251		
67	46.7	0.0	85.8	

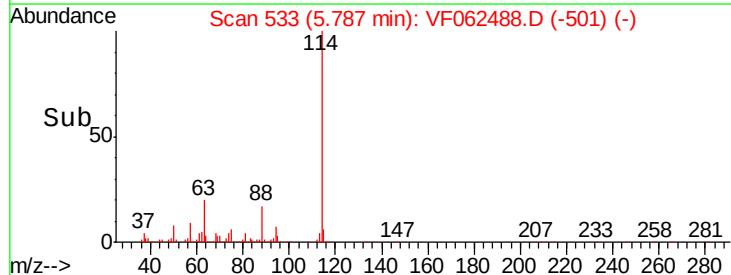
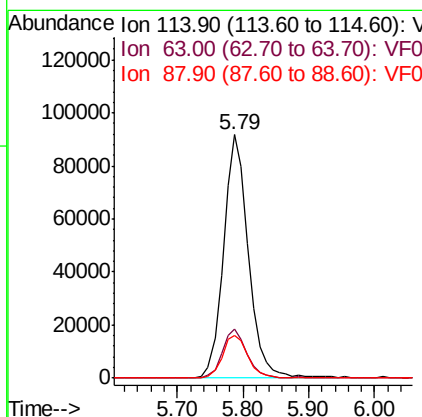
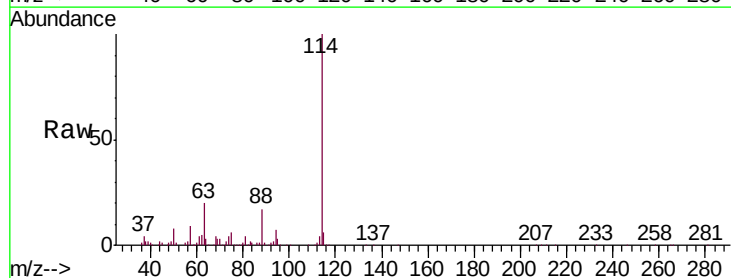
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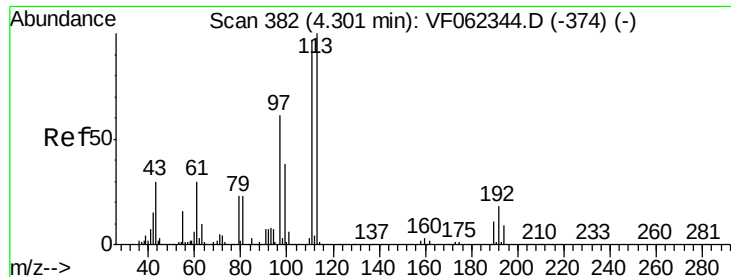
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.79 min Scan# 533
 Delta R.T. 0.02 min
 Lab File: VF062488.D
 Acq: 12 May 2019 5:42

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	242095		
63	20.1	0.0	37.4	
88	17.5	0.0	36.4	





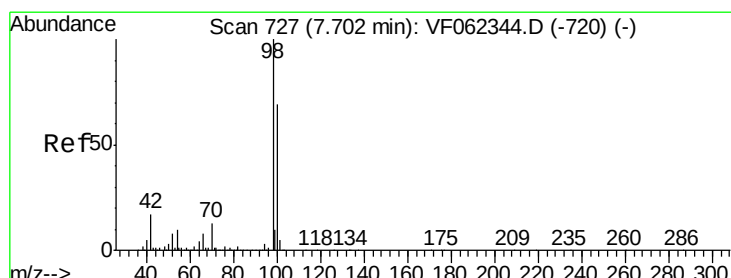
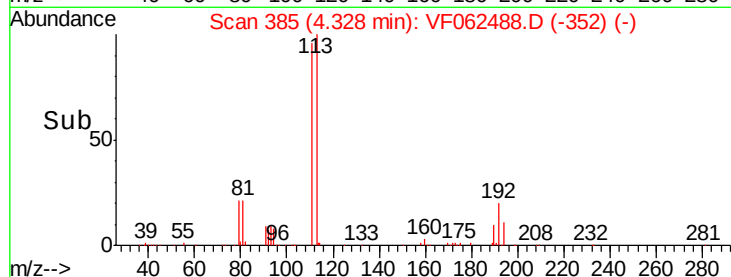
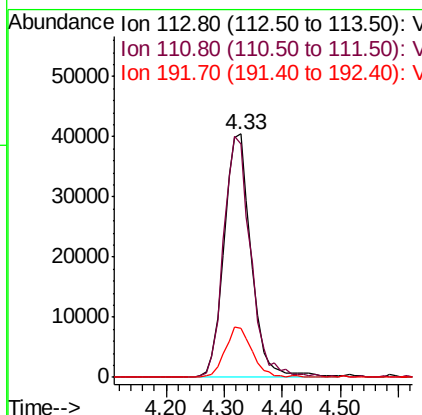
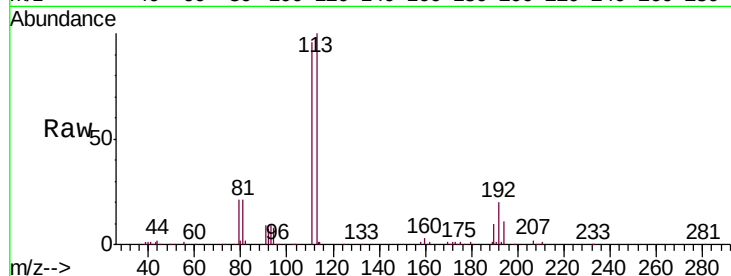
#35
Dibromofluoromethane
Concen: 67.740 ug/l
RT: 4.33 min Scan# 385
Delta R.T. 0.03 min
Lab File: VF062488.D
Acq: 12 May 2019 5:42

Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-1824-01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	99.0	79.4	119.0
192	20.4	16.0	24.0

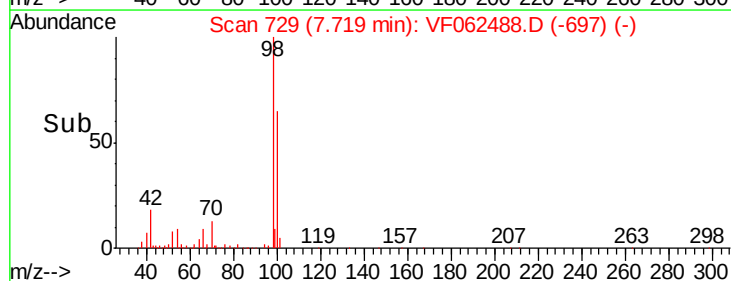
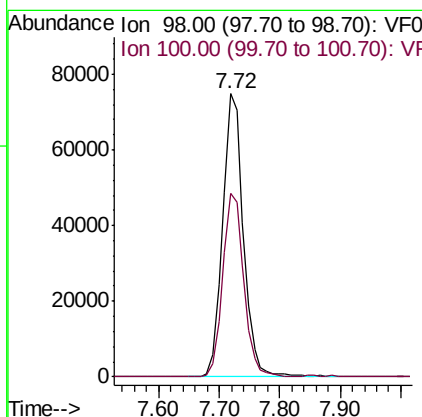
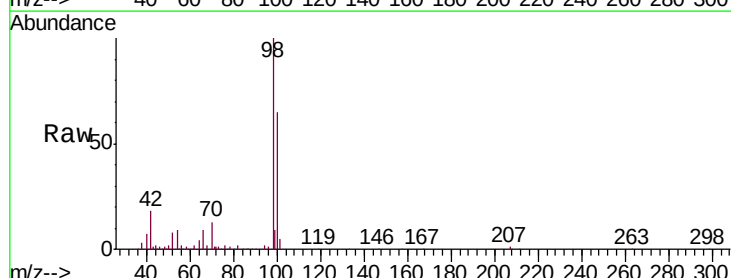
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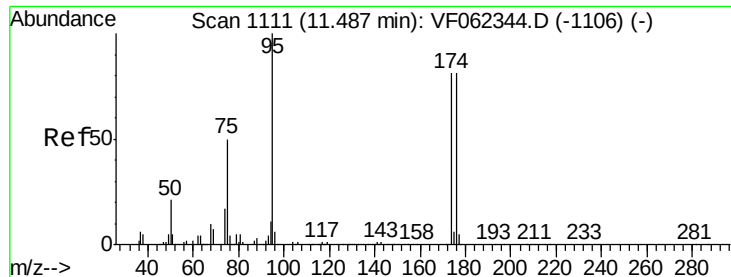
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#50
Toluene-d8
Concen: 38.216 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.02 min
Lab File: VF062488.D
Acq: 12 May 2019 5:42

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.3	79.9





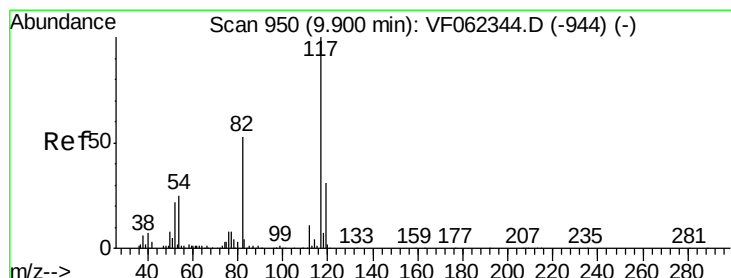
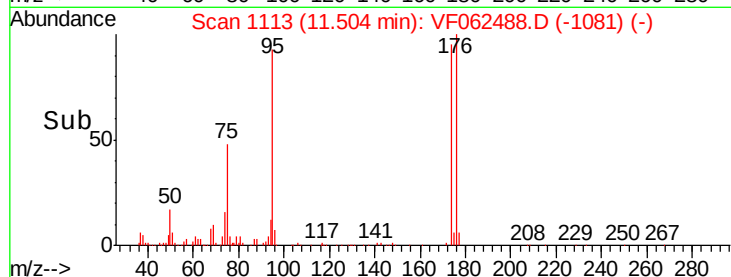
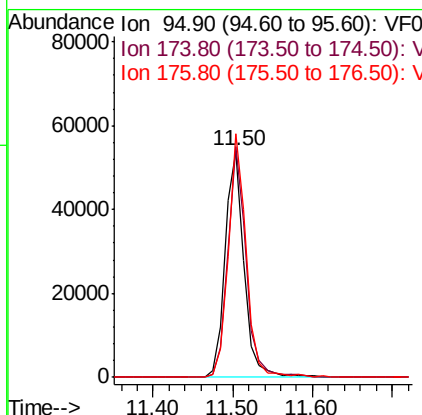
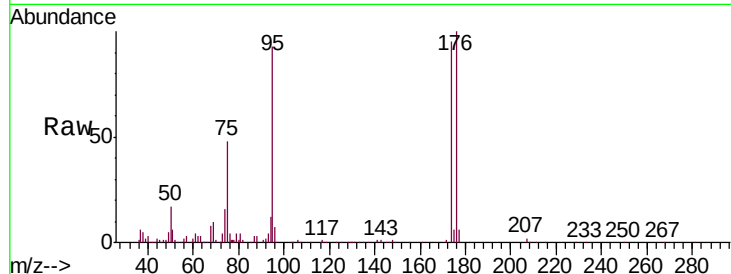
#62
4-Bromofluorobenzene
Concen: 43.020 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VF062488.D
Acq: 12 May 2019 5:42

Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-1824-01

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	90617		
174	99.0	0.0	191.8	
176	101.8	0.0	193.2	

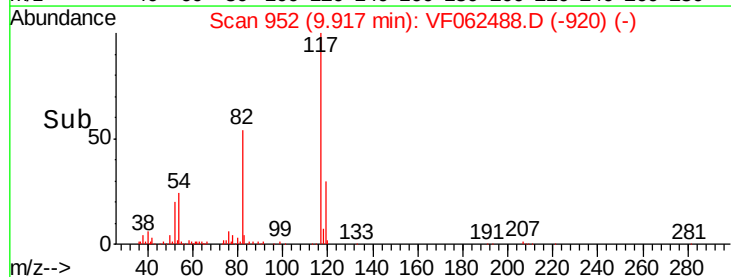
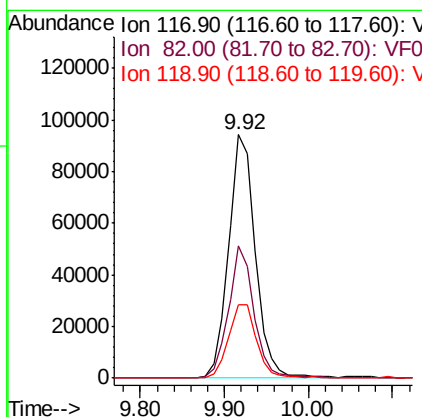
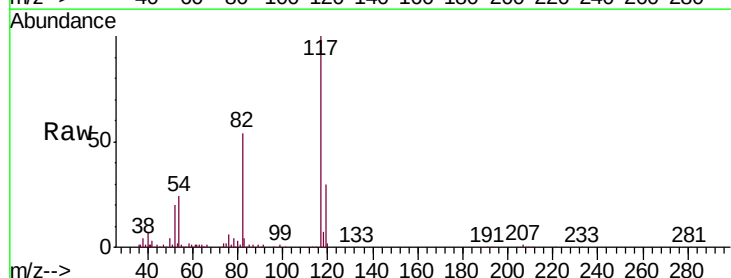
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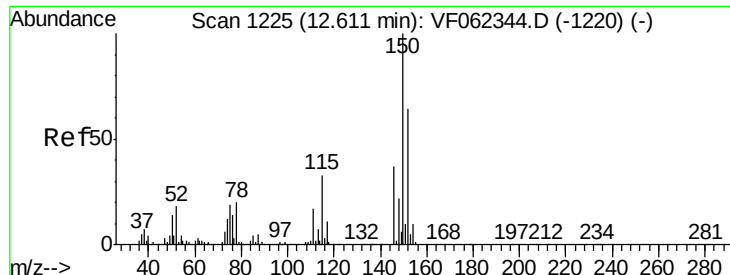
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.02 min
Lab File: VF062488.D
Acq: 12 May 2019 5:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	209310		
82	54.4	42.2	63.2	
119	30.3	25.0	37.4	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. 0.01 min

Lab File: VF062488.D

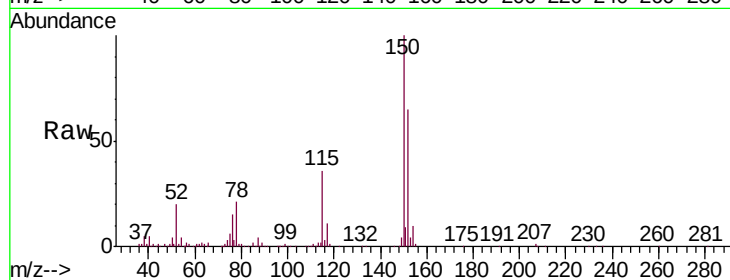
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Instrument :

MSVOA_F

ClientSampleId :

P021-SS005-1824-01



Tgt Ion:152 Resp: 119899

Ion Ratio Lower Upper

152 100

115 54.8 26.4 79.2

150 153.2 0.0 335.0

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