

Data File : VF062470.D
Acq On : 11 May 2019 19:55
Operator : FY/SY
Sample : K2734-18
Misc : 5.88/5mL/MSVOA_F/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P026-SS014-0612-01

Manual Integrations
APPROVED

MMDadoda
5/12/2019 12:04:48 PM

Quant Time: May 12 04:45:35 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	5.05	168	138832	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	216435	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.91	117	174875	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.61	152	97034	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.03	65	138722	105.73	ug/l	0.01
Spiked Amount 50.000			Recovery	=	211.46%	
35) Dibromofluoromethane	4.32	113	159415	92.45	ug/l	0.01
Spiked Amount 50.000			Recovery	=	184.90%	
50) Toluene-d8	7.72	98	168039	40.26	ug/l	0.01
Spiked Amount 50.000			Recovery	=	80.52%	
62) 4-Bromofluorobenzene	11.50	95	76926	40.85	ug/l	0.01
Spiked Amount 50.000			Recovery	=	81.70%	

Target Compounds					Qvalue
20) Methylene Chloride	2.32	84	6939m	7.226	ug/l

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

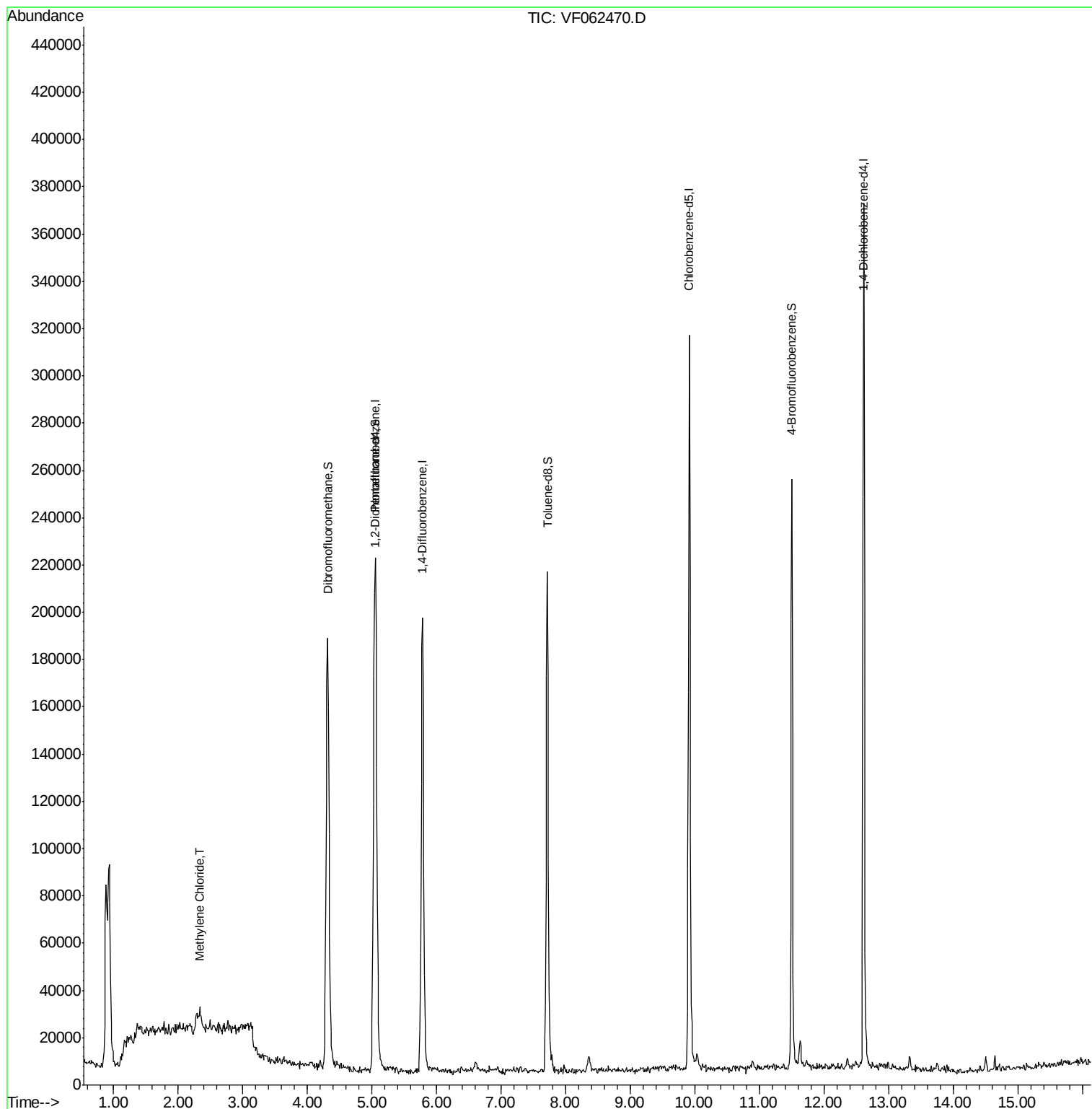
Data File : VF062470.D
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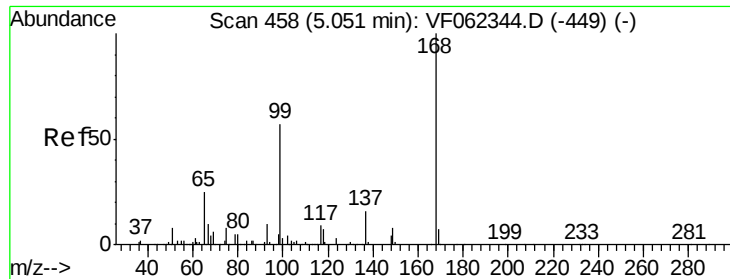
Instrument :
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#1

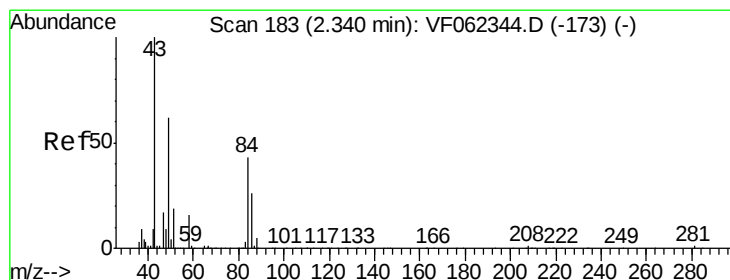
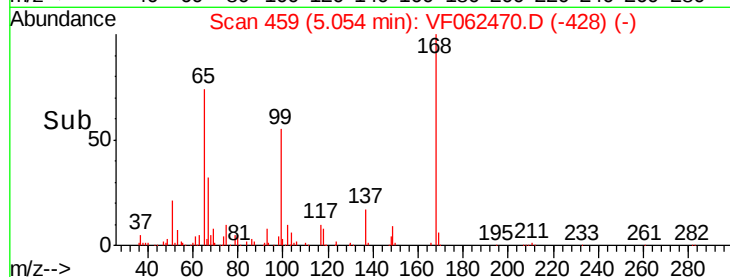
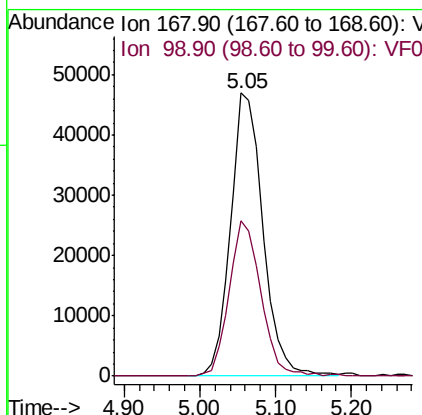
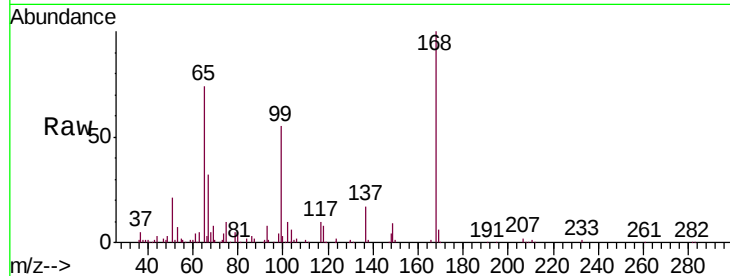
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.05 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VF062470.D
 Acq: 11 May 2019 19:55

Instrument :
 MSVOA_F
 ClientSampleId :
 P026-SS014-0612-01

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	138832		
99	54.7	45.9	68.9	

Manual Integrations
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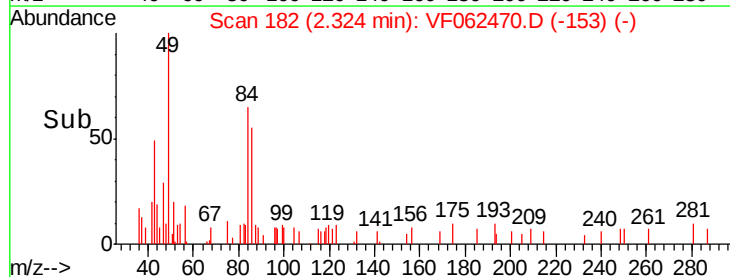
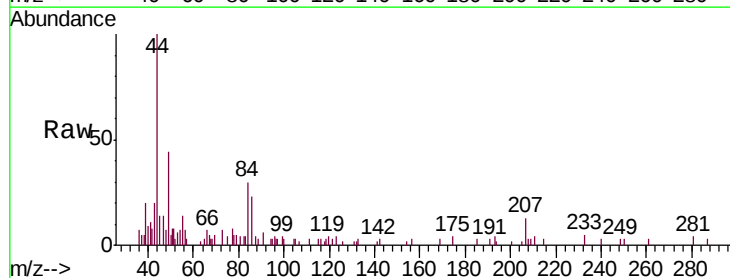
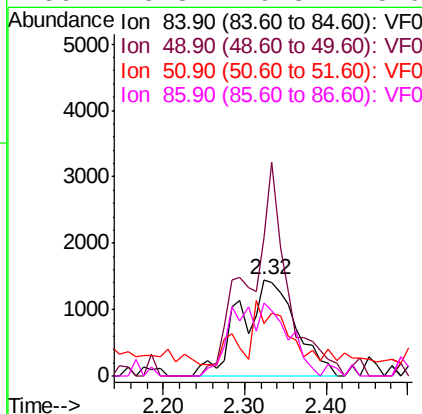
MMDadoda
 5/12/2019 12:04:48 PM

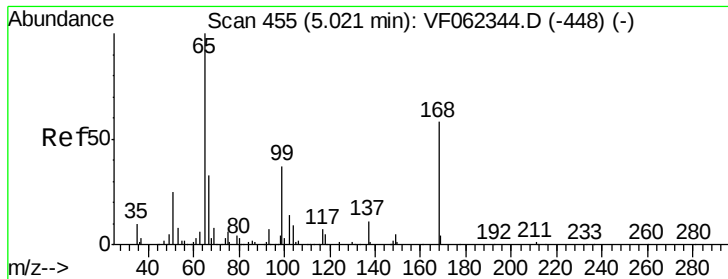


#20

Methylene Chloride
 Concen: 7.226 ug/l m
 RT: 2.32 min Scan# 182
 Delta R.T. -0.02 min
 Lab File: VF062470.D
 Acq: 11 May 2019 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
84	100	6939		
49	144.5	117.5	176.3	
51	27.4	37.0	55.4#	
86	75.3	49.3	73.9#	





#33

1,2-Dichloroethane-d4

Concen: 105.731 ug/l

RT: 5.03 min Scan# 457

Delta R.T. 0.01 min

Lab File: VF062470.D

Acq: 11 May 2019 19:55

Instrument :

MSVOA_F

ClientSampleId :

P026-SS014-0612-01

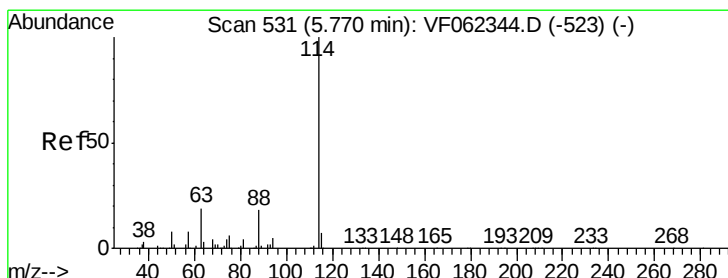
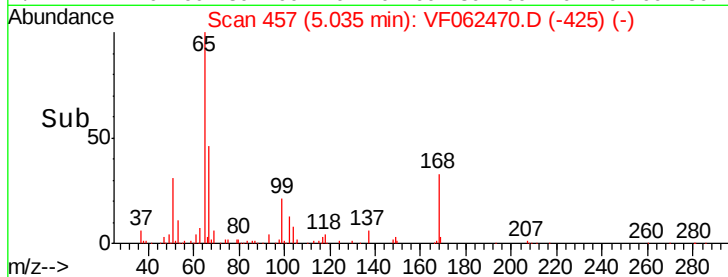
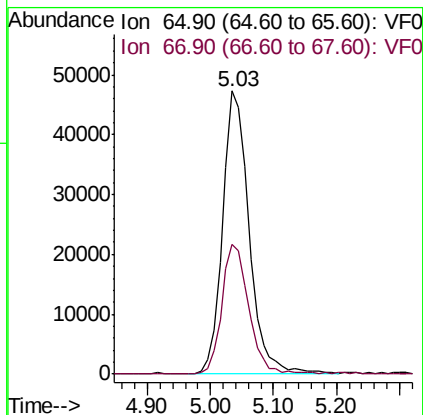
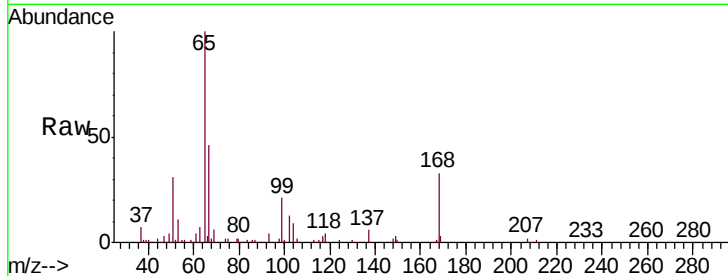
Tgt Ion: 65 Resp: 138722
Ion Ratio Lower Upper

65 100

67 46.5 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: VF062470.D

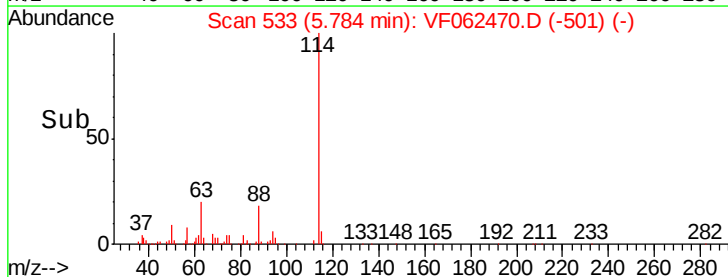
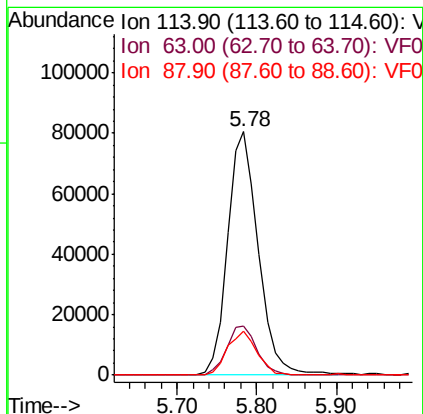
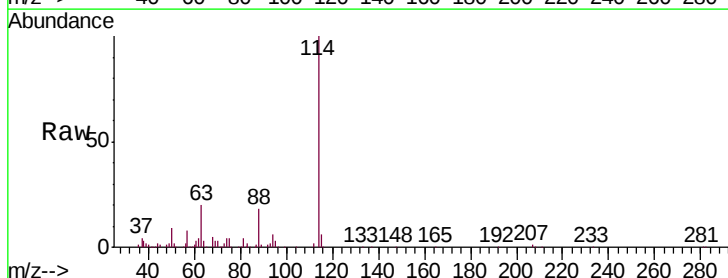
Acq: 11 May 2019 19:55

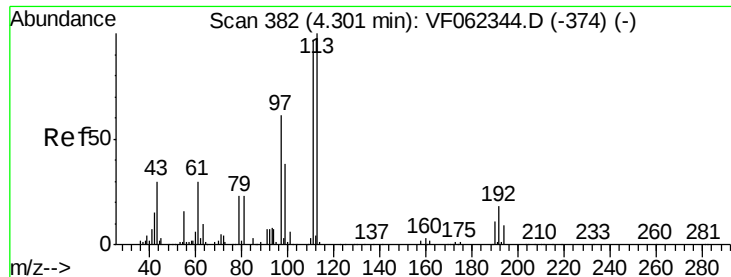
Tgt Ion: 114 Resp: 216435
Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

88 18.0 0.0 36.4





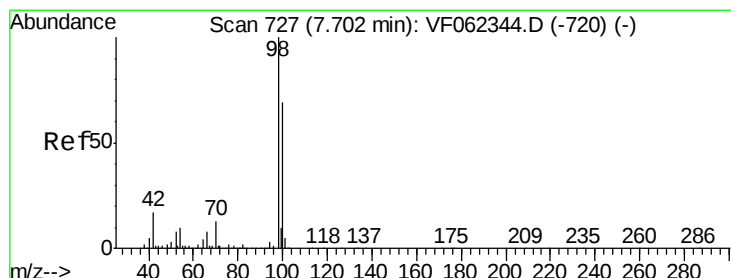
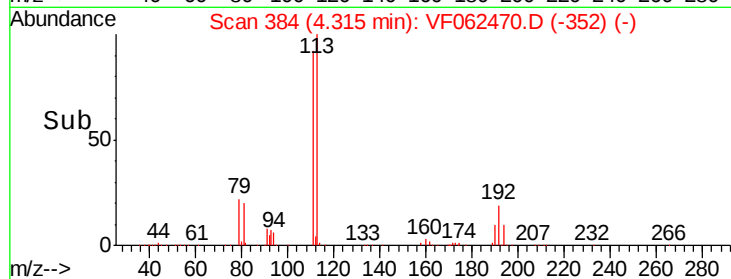
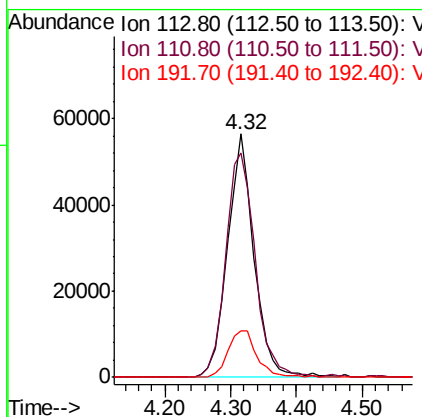
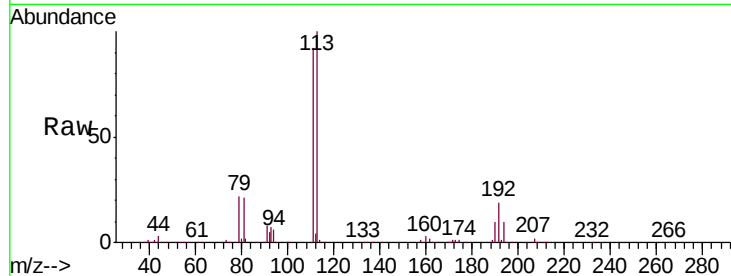
#35
Dibromofluoromethane
Concen: 92.452 ug/l
RT: 4.32 min Scan# 384
Delta R.T. 0.01 min
Lab File: VF062470.D
Acq: 11 May 2019 19:55

Instrument :
MSVOA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	79.4	119.0
192	21.3	16.0	24.0

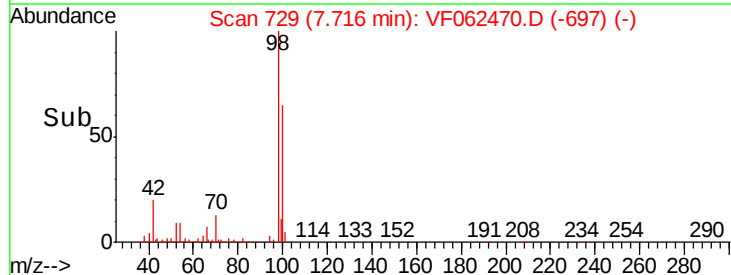
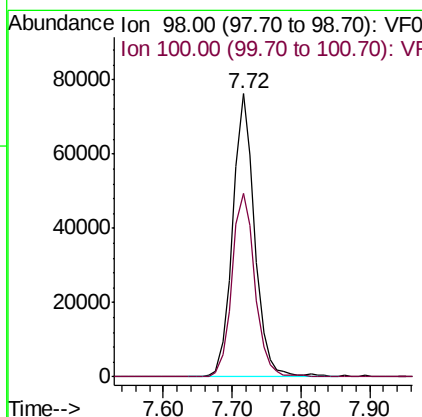
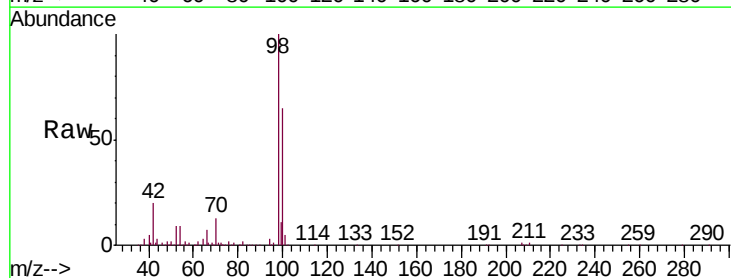
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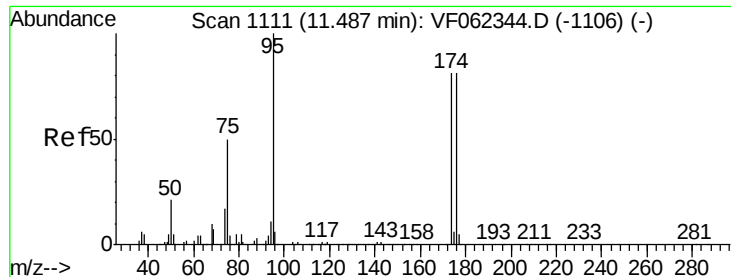
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#50
Toluene-d8
Concen: 40.259 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.01 min
Lab File: VF062470.D
Acq: 11 May 2019 19:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.8	53.3	79.9





#62

4-Bromofluorobenzene

Concen: 40.850 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.01 min

Lab File: VF062470.D

Acq: 11 May 2019 19:55

Instrument :

MSVOA_F

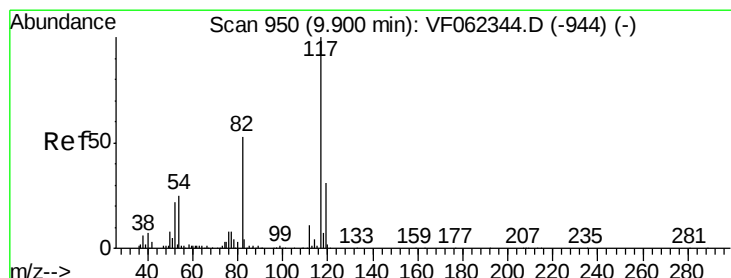
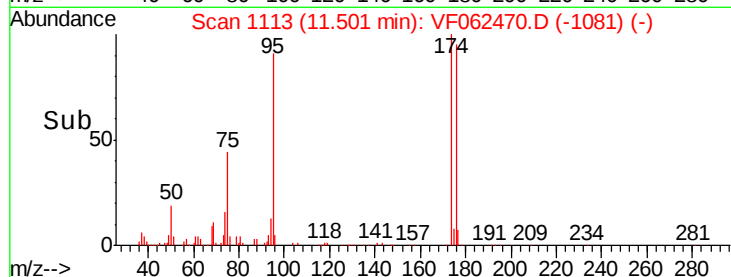
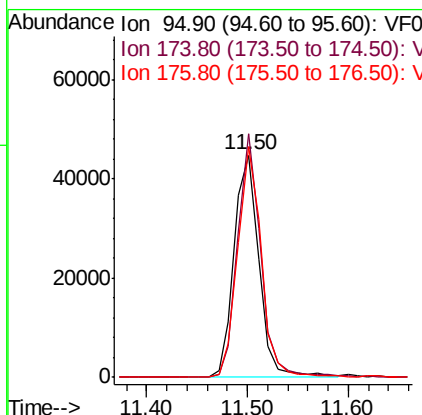
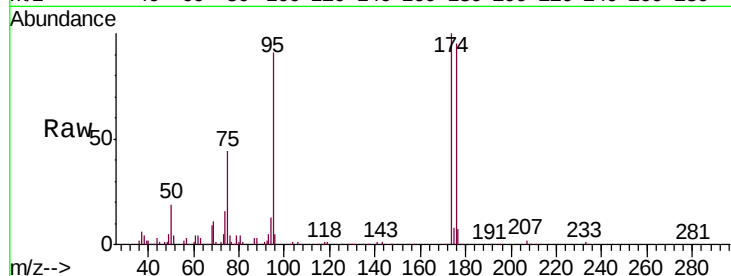
ClientSampleId :

P026-SS014-0612-01

Tgt Ion:	95	Resp:	76926
Ion Ratio	Lower	Upper	
95	100		
174	102.2	0.0	191.8
176	99.0	0.0	193.2

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

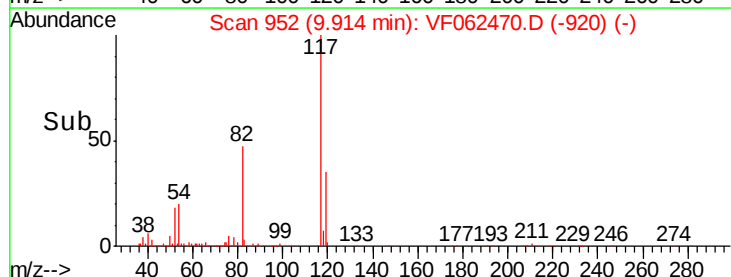
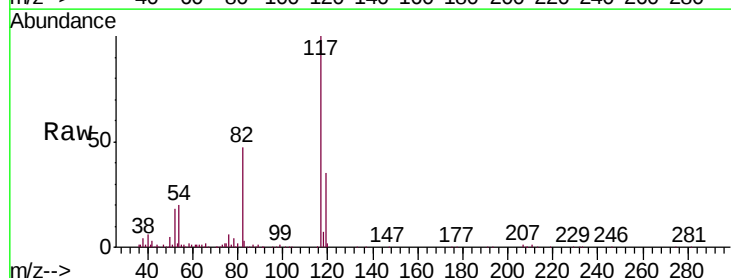
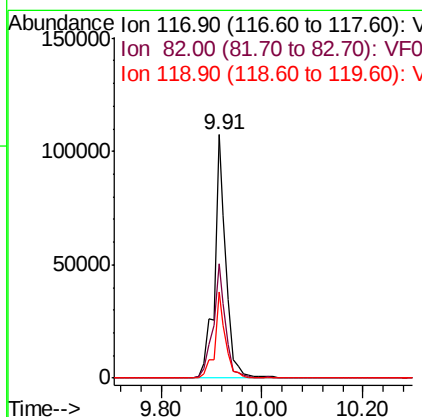
RT: 9.91 min Scan# 952

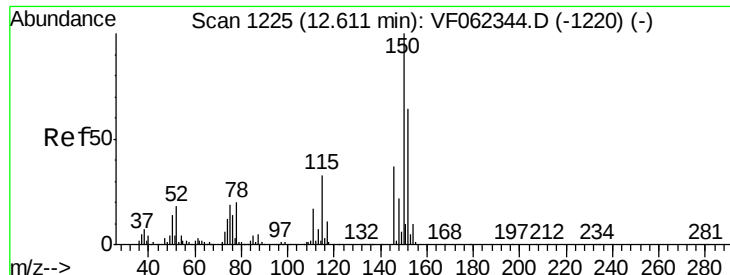
Delta R.T. 0.01 min

Lab File: VF062470.D

Acq: 11 May 2019 19:55

Tgt Ion:	117	Resp:	174875
Ion Ratio	Lower	Upper	
117	100		
82	46.7	42.2	63.2
119	35.2	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: VF062470.D

Acq: 11 May 2019 19:55

Instrument :

MSVOA_F

ClientSampleId :

P026-SS014-0612-01

Tgt Ion:152 Resp: 97034

Ion Ratio Lower Upper

152 100

115 53.1 26.4 79.2

150 151.7 0.0 335.0

Manual Integrations

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