

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072720\
 Data File : VY003364.D
 Acq On : 27 Jul 2020 18:39
 Operator : SY/MD
 Sample : L3453-02
 Misc : 7.50G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-PS-01-067

Quant Time: Jul 28 05:42:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

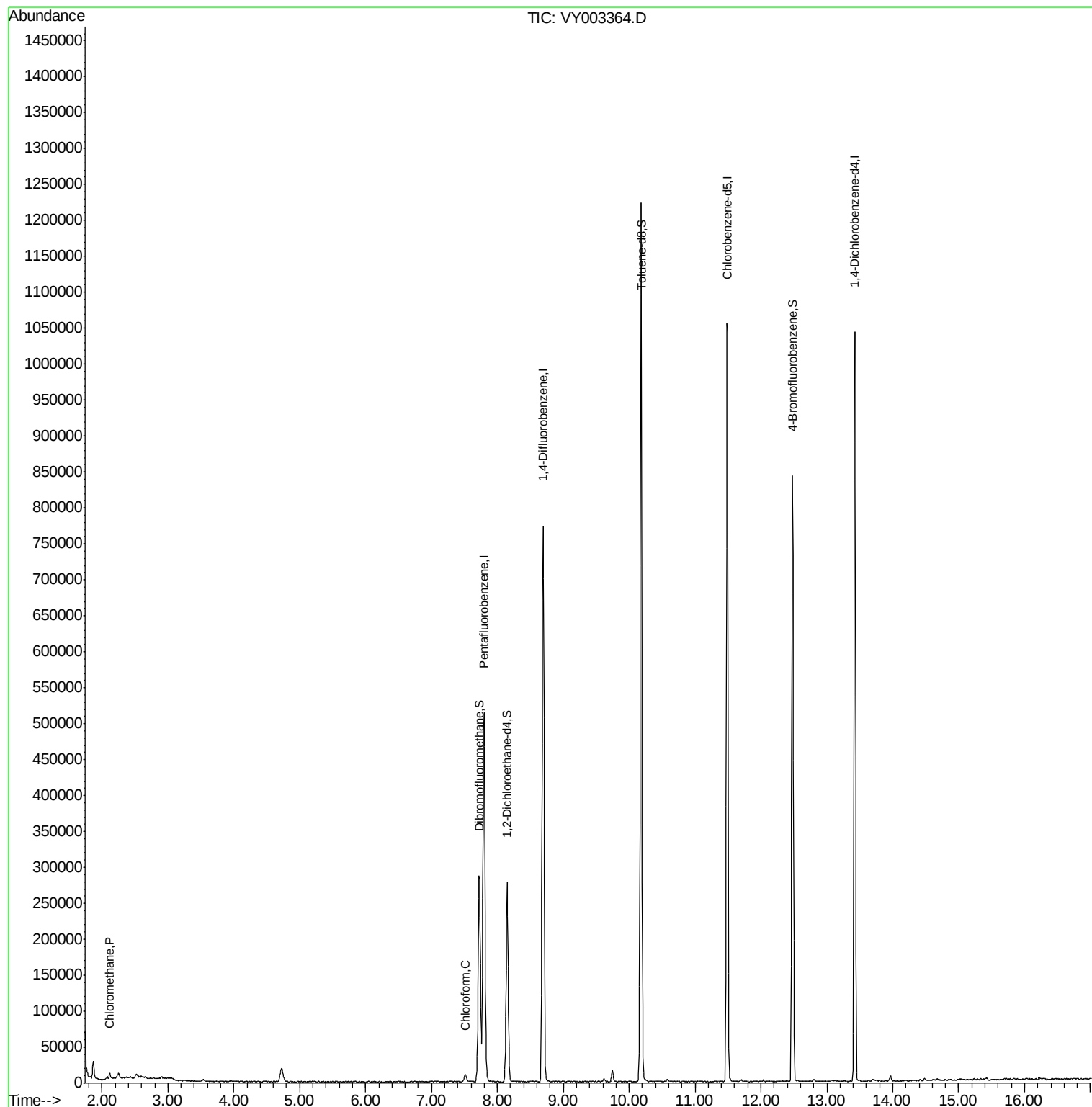
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	426802	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	661794	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	598472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	268033	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	214787	59.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.24%	
35) Dibromofluoromethane	7.72	113	202903	53.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.56%	
50) Toluene-d8	10.18	98	794586	56.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.24%	
62) 4-Bromofluorobenzene	12.48	95	245382	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.94%	
Target Compounds						
3) Chloromethane	2.12	50	6365	1.500	ug/l	91
30) Chloroform	7.52	83	9855	1.412	ug/l	100

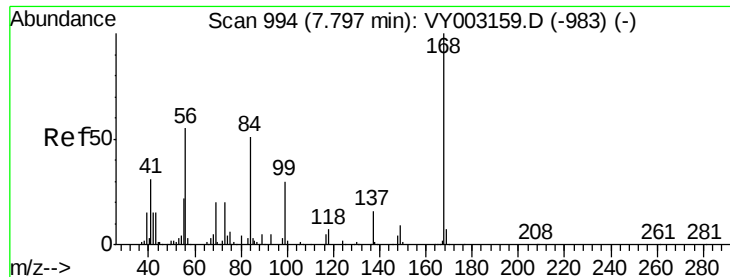
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003364.D

Acq: 27 Jul 2020 18:39

Instrument :

MSVOA_Y

ClientSampleId :

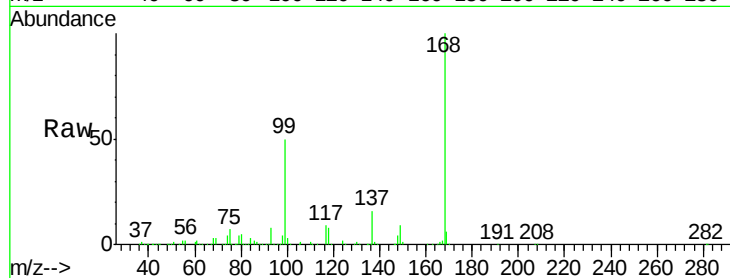
FK-PS-01-067

Tot Ion:168 Resp: 426802

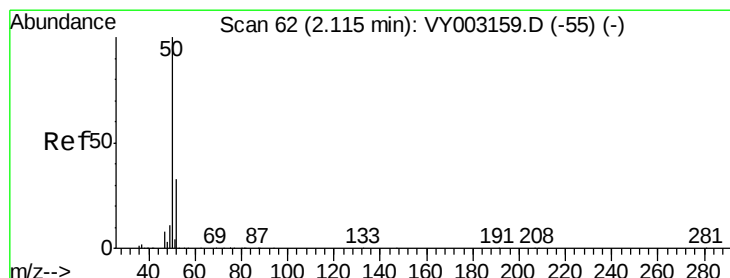
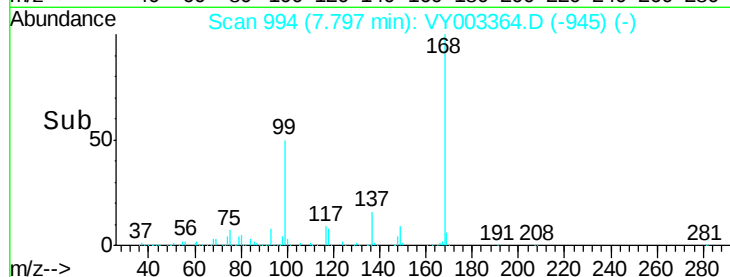
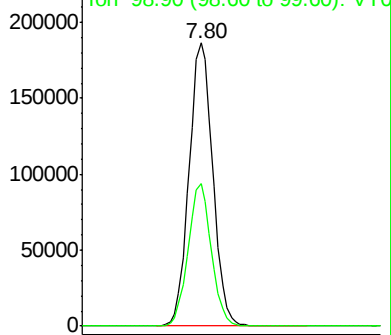
Ion Ratio Lower Upper

168 100

99 50.2 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003364.D (-945) (-)



#3

Chloromethane

Concen: 1.500 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003364.D

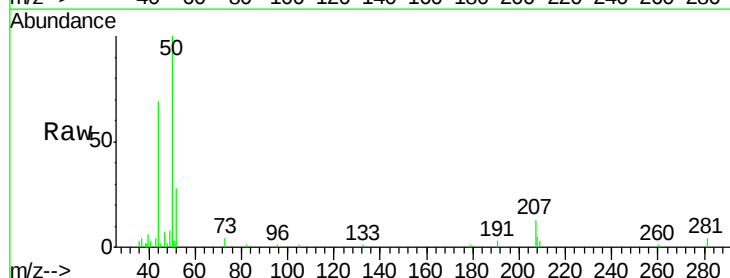
Acq: 27 Jul 2020 18:39

Tgt Ion: 50 Resp: 6365

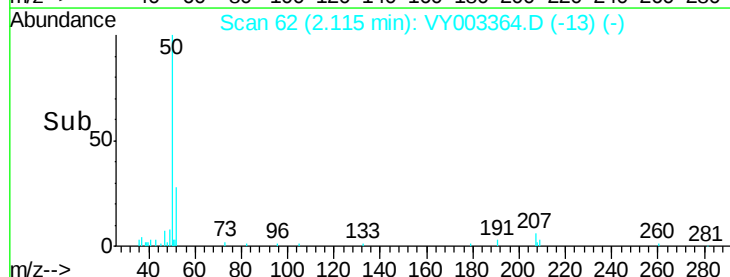
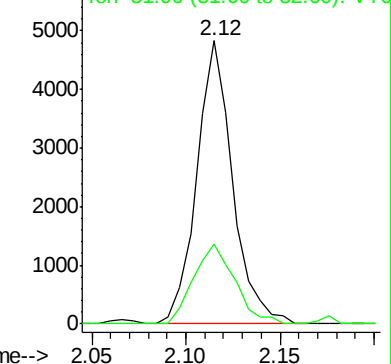
Ion Ratio Lower Upper

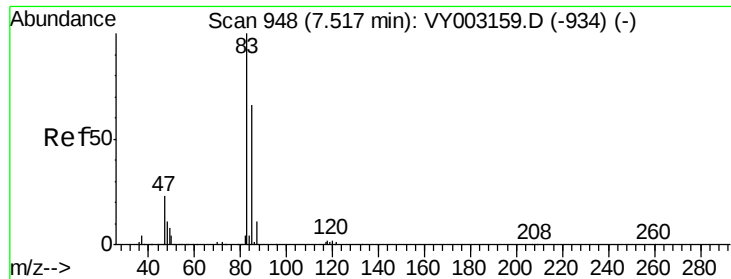
50 100

52 28.2 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VY003364.D (-13) (-)

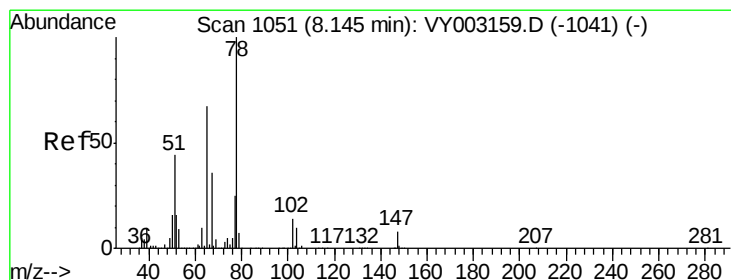
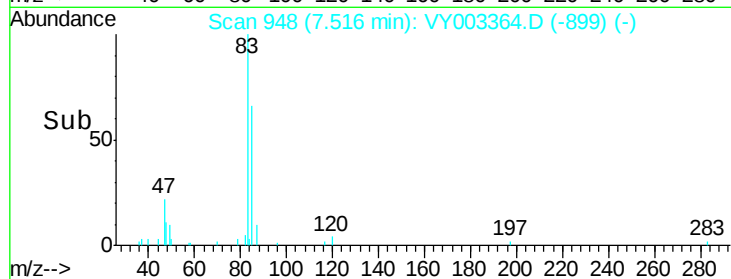
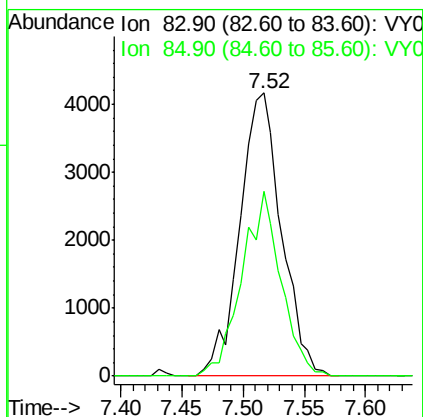
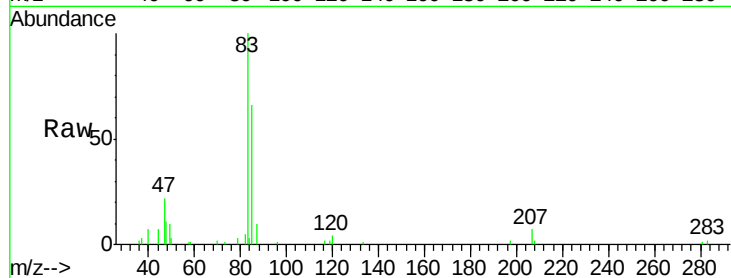




#30
Chloroform
Concen: 1.412 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY003364.D
Acq: 27 Jul 2020 18:39

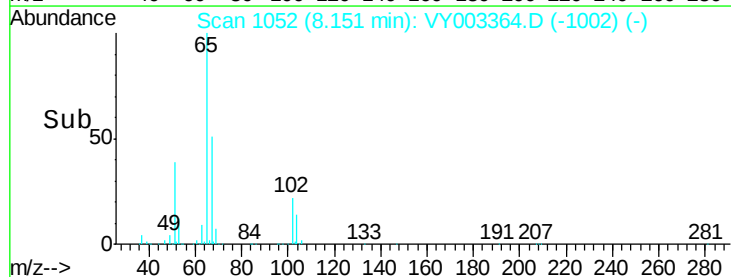
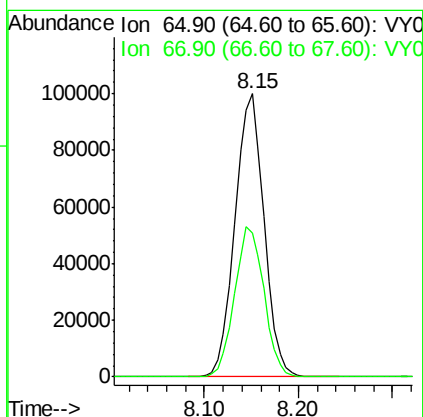
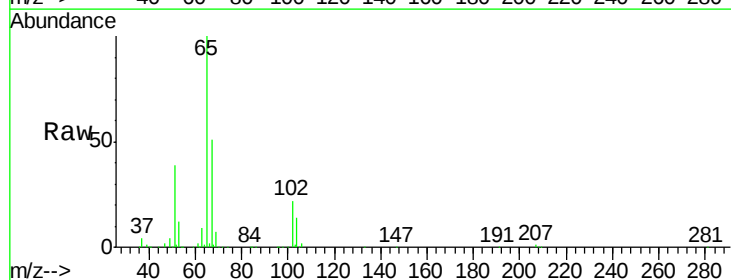
Instrument :
MSVOA_Y
ClientSampleId :
FK-PS-01-067

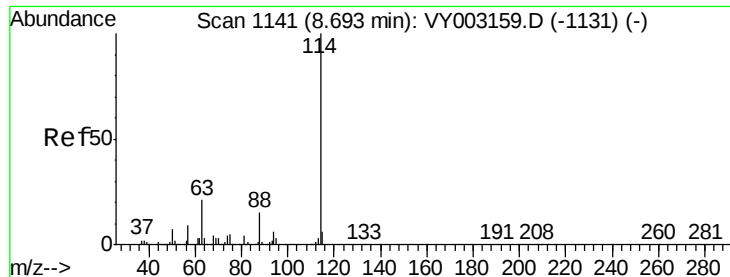
Tot Ion: 83 Resp: 9855
Ion Ratio Lower Upper
83 100
85 65.5 52.6 78.8



#33
1,2-Dichloroethane-d4
Concen: 59.624 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VY003364.D
Acq: 27 Jul 2020 18:39

Tgt Ion: 65 Resp: 214787
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.2

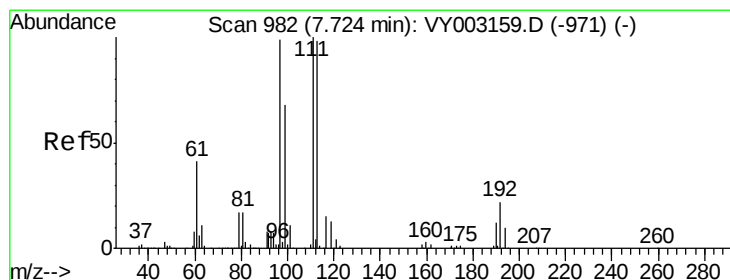
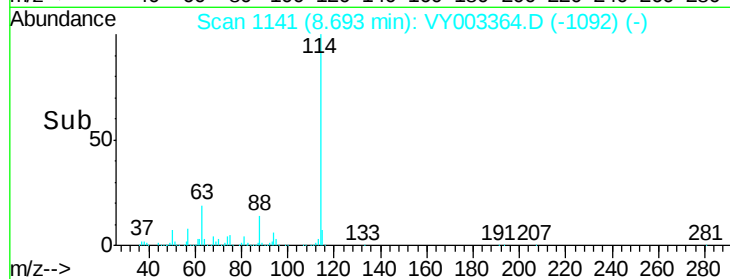
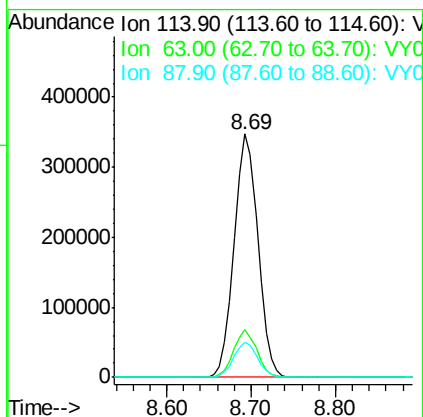
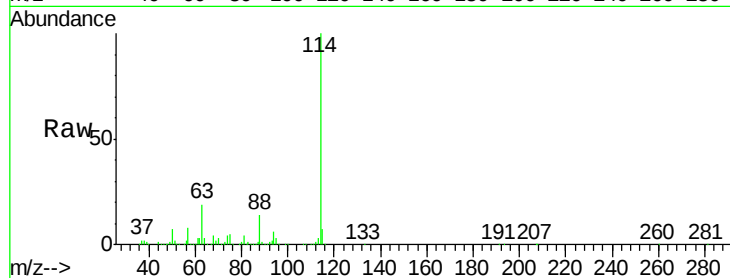




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003364.D
 Acq: 27 Jul 2020 18:39

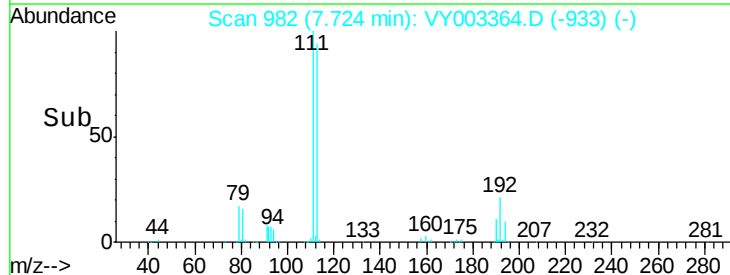
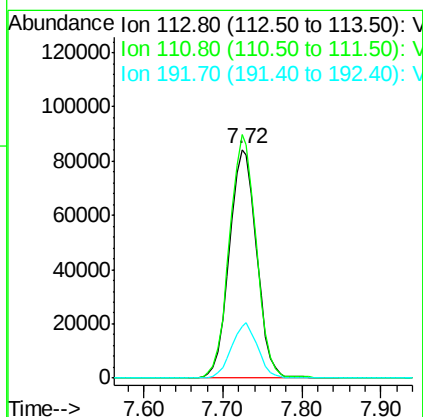
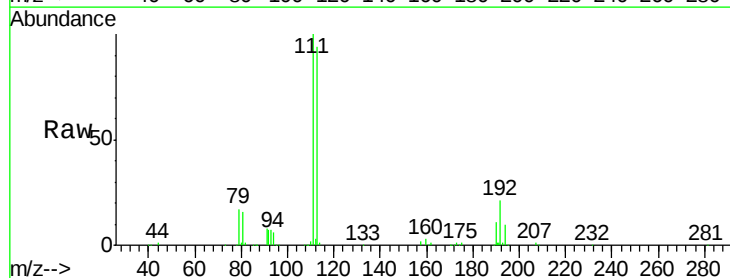
Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-PS-01-067

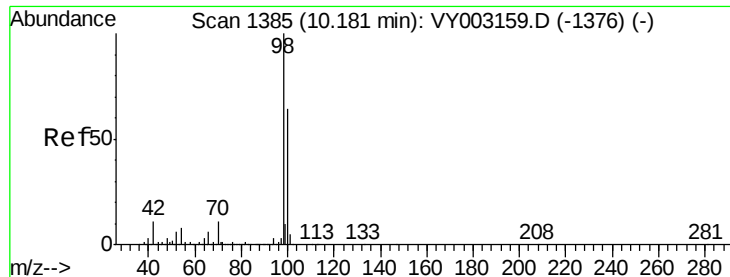
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	41.2
88	14.2	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 53.277 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003364.D
 Acq: 27 Jul 2020 18:39

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.1	123.1
192	23.1	18.8	28.2





#50

Toluene-d8

Concen: 56.118 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003364.D

Acq: 27 Jul 2020 18:39

Instrument :

MSVOA_Y

ClientSampleId :

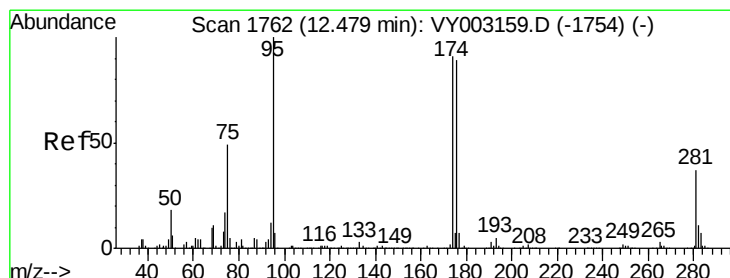
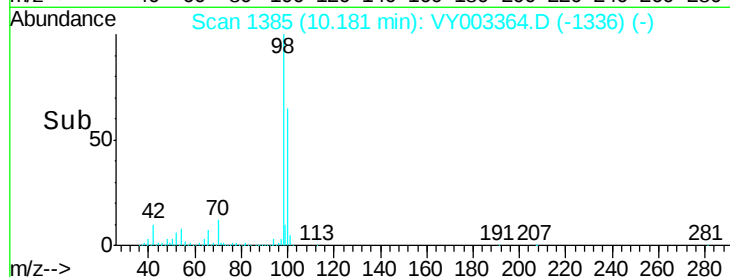
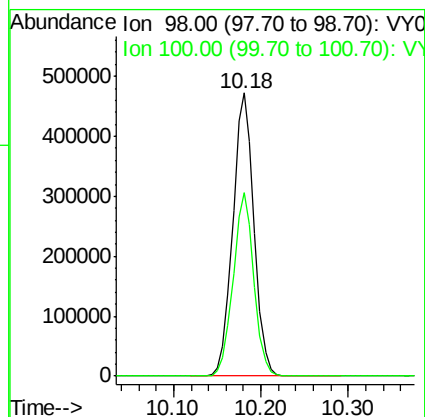
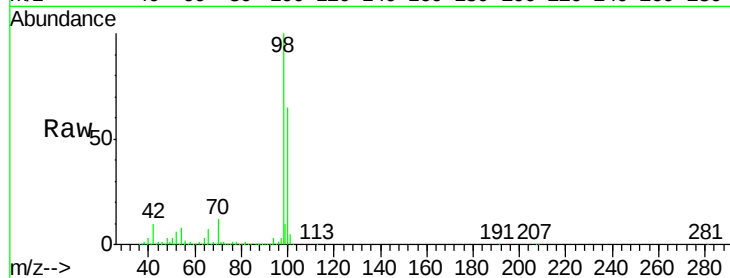
FK-PS-01-067

Tot Ion: 98 Resp: 794586

Ion Ratio Lower Upper

98 100

100 63.3 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 47.971 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003364.D

Acq: 27 Jul 2020 18:39

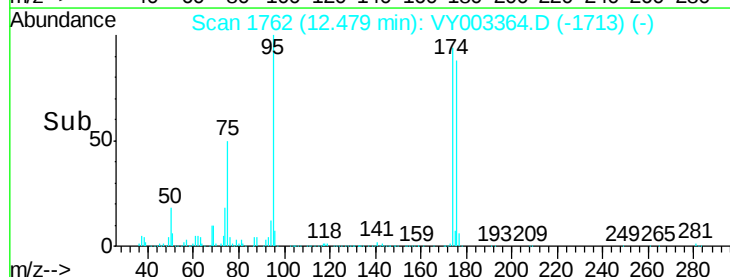
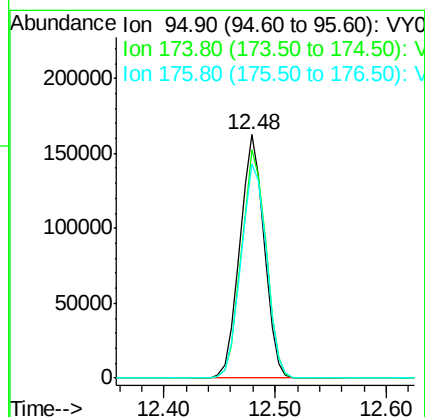
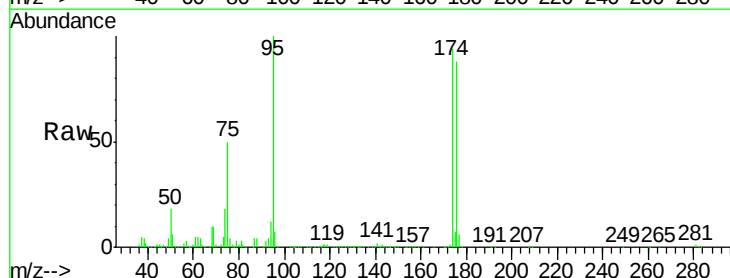
Tgt Ion: 95 Resp: 245382

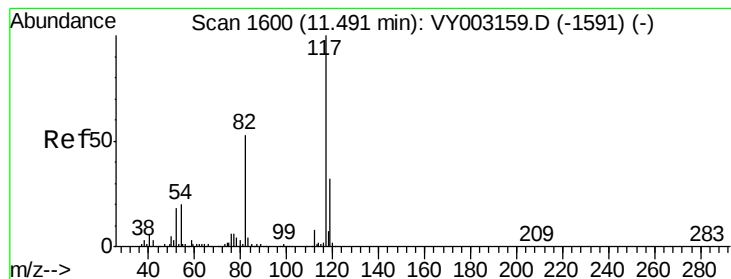
Ion Ratio Lower Upper

95 100

174 94.9 0.0 190.6

176 92.3 0.0 186.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003364.D

Acq: 27 Jul 2020 18:39

Instrument :

MSVOA_Y

ClientSampleId :

FK-PS-01-067

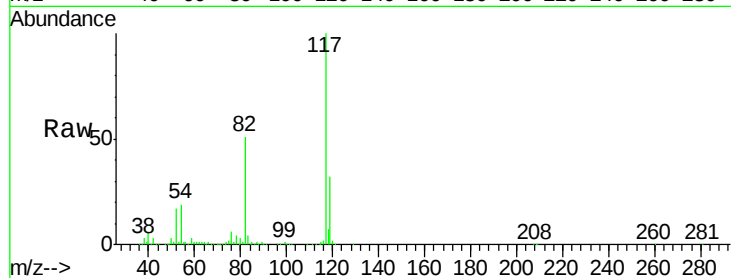
Tot Ion:117 Resp: 598472

Ion Ratio Lower Upper

117 100

82 51.2 42.0 63.0

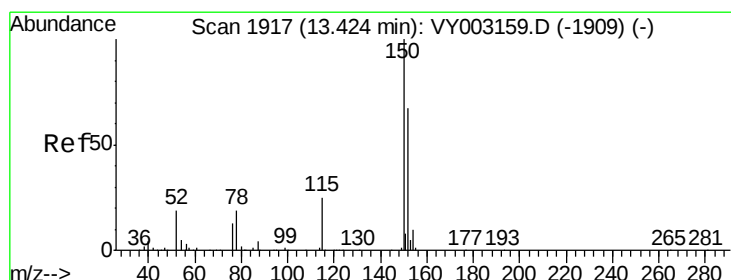
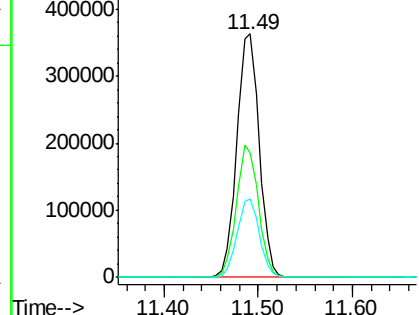
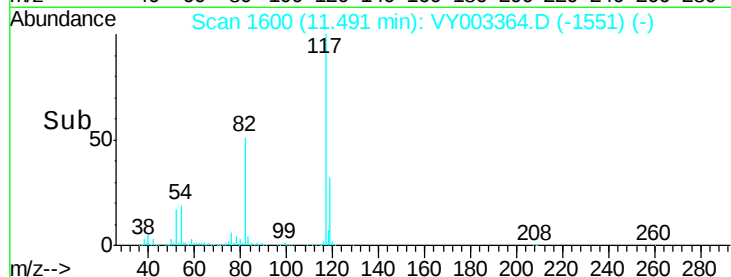
119 32.3 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003364.D

Acq: 27 Jul 2020 18:39

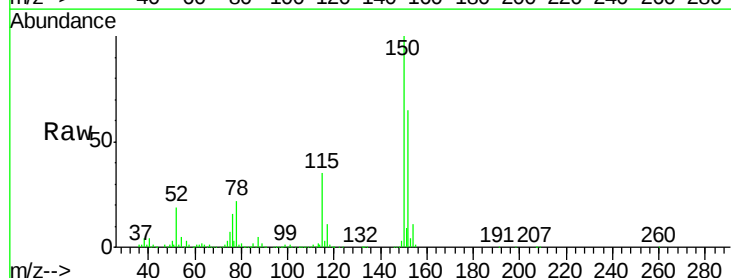
Tgt Ion:152 Resp: 268033

Ion Ratio Lower Upper

152 100

115 55.4 26.9 80.7

150 158.2 0.0 338.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

