

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022820\
 Data File : VY001800.D
 Acq On : 28 Feb 2020 16:04
 Operator : SY/MD
 Sample : L1735-02
 Misc : 9.55G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-SF-01-009-A

Quant Time: Feb 28 22:38:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

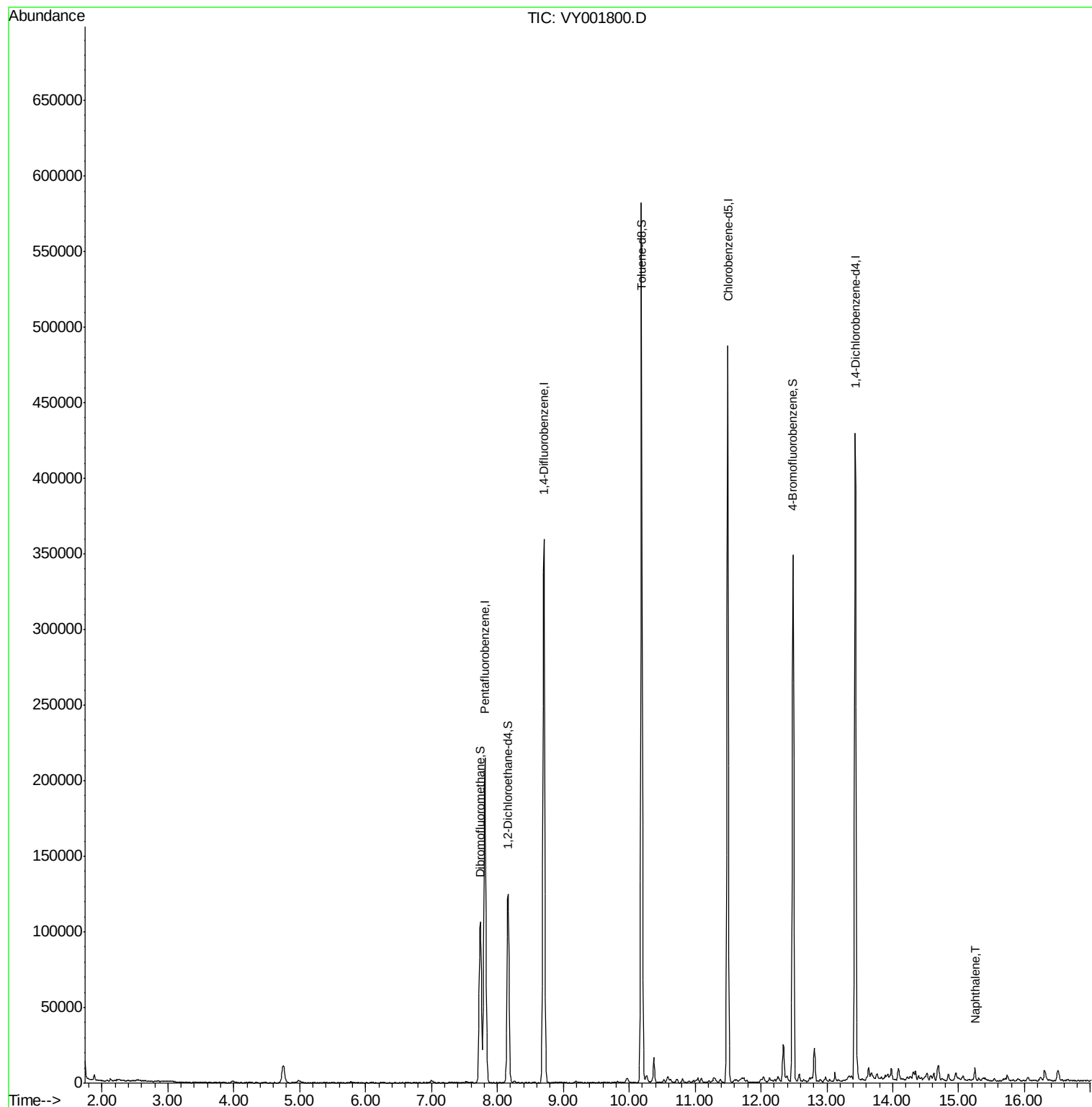
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	162337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	305735	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	263021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	103563	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	92956	53.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.46%	
35) Dibromofluoromethane	7.74	113	77169	44.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.14%	
50) Toluene-d8	10.19	98	366724	53.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.92%	
62) 4-Bromofluorobenzene	12.49	95	113768	42.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.38%	
Target Compounds						
95) Naphthalene	15.25	128	5901	1.262	ug/l	Qvalue 97

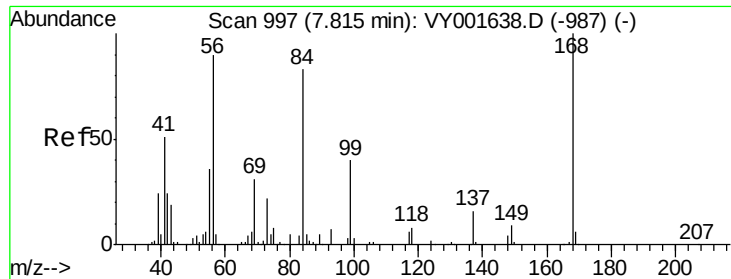
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001800.D

Acq: 28 Feb 2020 16:04

Instrument :

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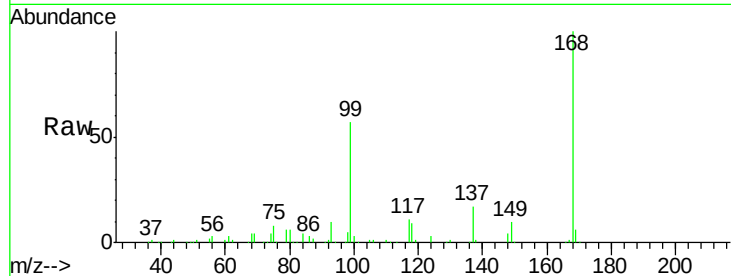
FK-SF-01-009-A

Tot Ion:168 Resp: 162337

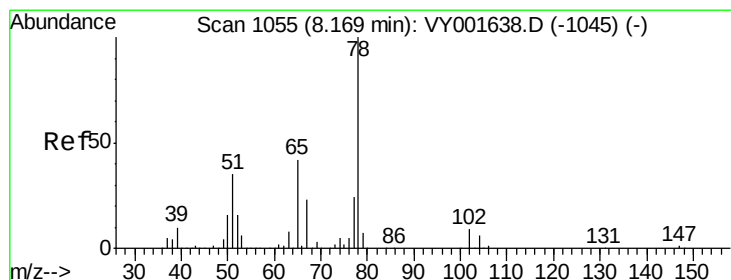
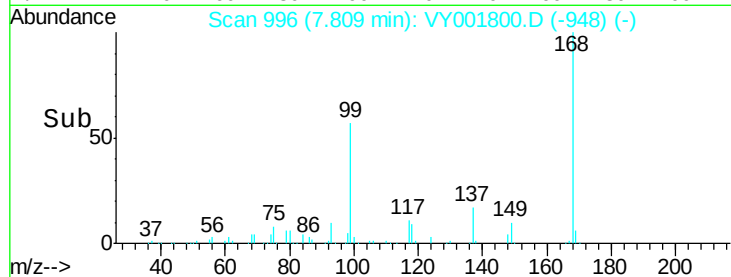
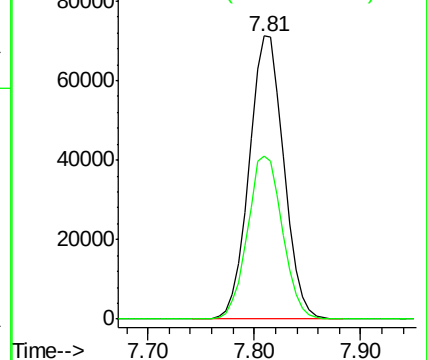
Ion Ratio Lower Upper

168 100

99 57.4 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001638.D (-987) (-)



#33

1,2-Dichloroethane-d4

Concen: 53.234 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001800.D

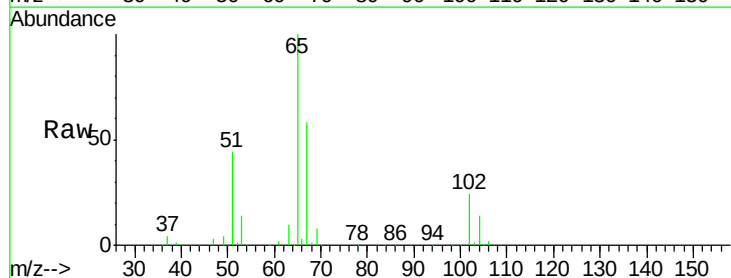
Acq: 28 Feb 2020 16:04

Tgt Ion: 65 Resp: 92956

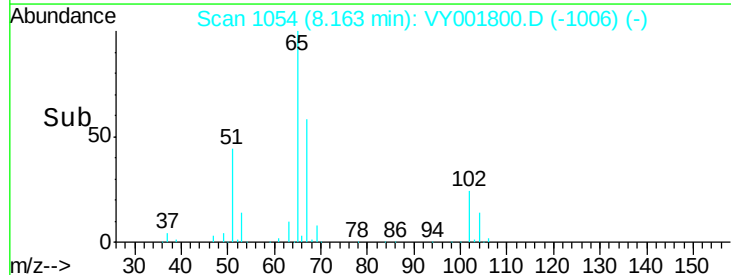
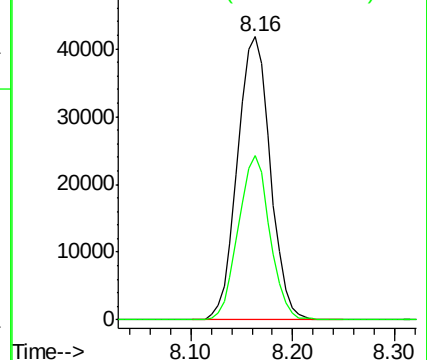
Ion Ratio Lower Upper

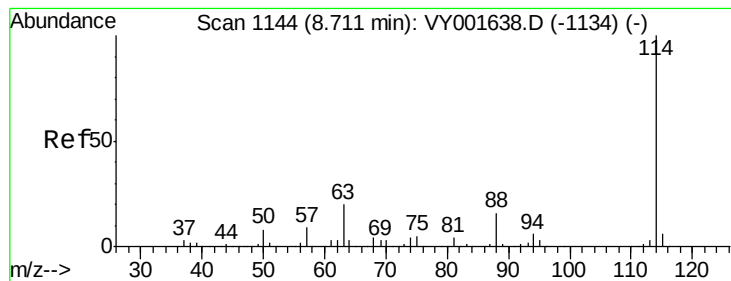
65 100

67 55.7 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001638.D (-1045) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001800.D

Acq: 28 Feb 2020 16:04

Instrument :

MSVOA_Y

ClientSampleId :

FK-SF-01-009-A

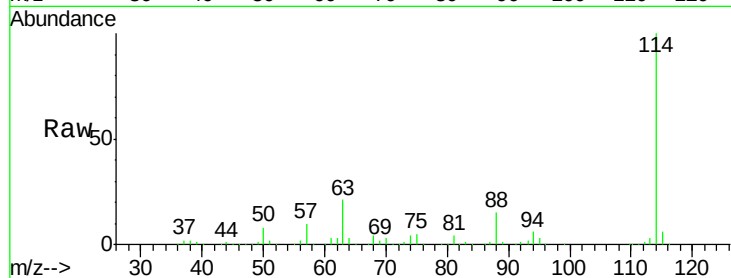
Tot Ion:114 Resp: 305735

Ion Ratio Lower Upper

114 100

63 20.8 0.0 41.4

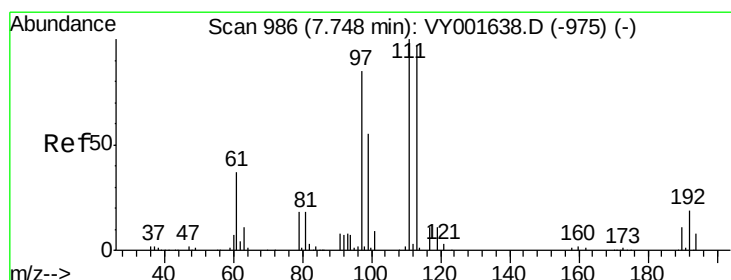
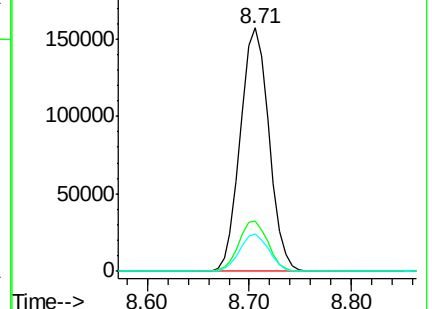
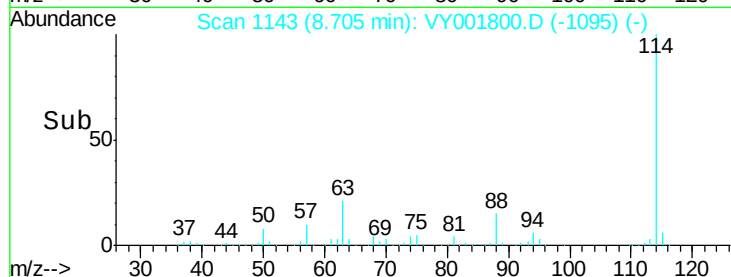
88 15.3 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 44.068 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001800.D

Acq: 28 Feb 2020 16:04

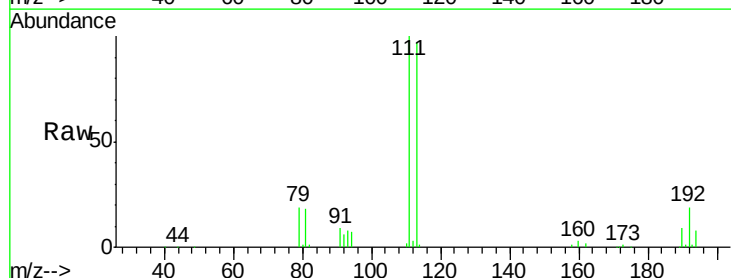
Tgt Ion:113 Resp: 77169

Ion Ratio Lower Upper

113 100

111 102.0 81.9 122.9

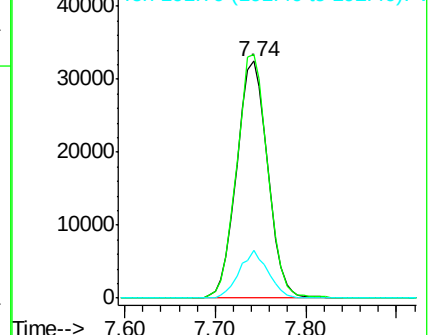
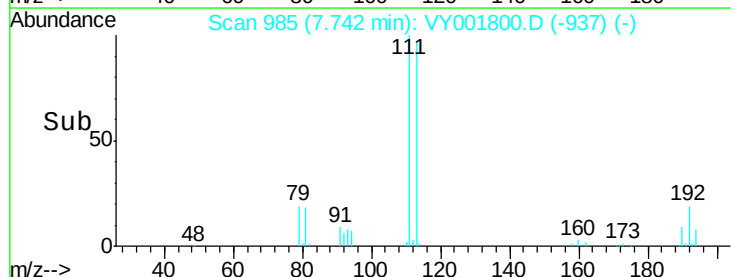
192 18.7 14.3 21.5

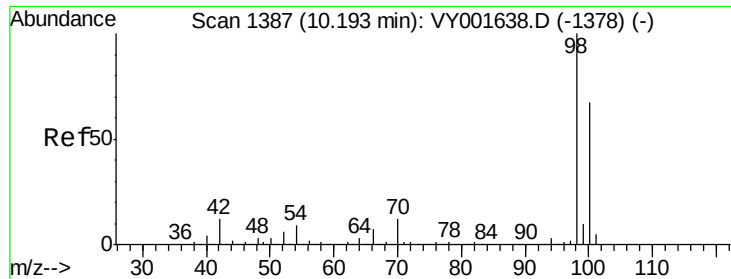


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.456 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY001800.D

Acq: 28 Feb 2020 16:04

Instrument :

MSVOA_Y

ClientSampleId :

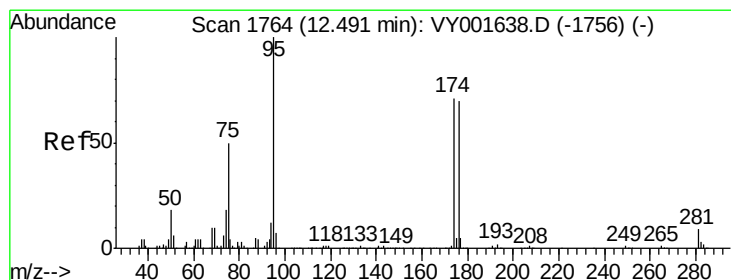
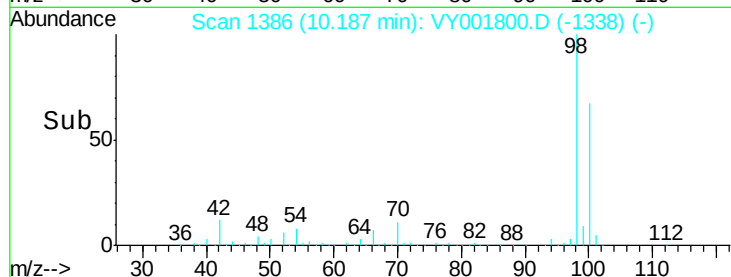
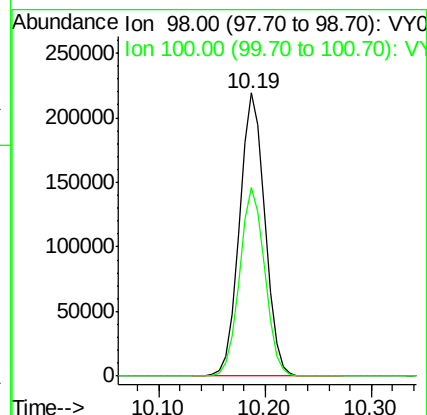
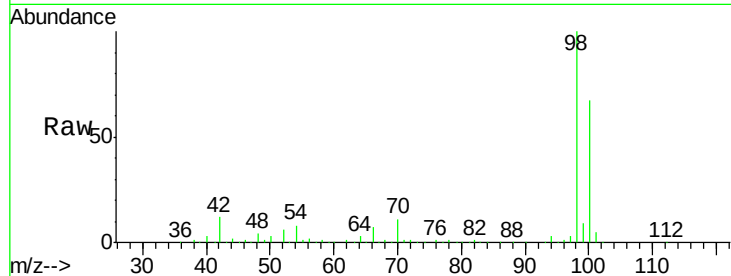
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Tot Ion: 98 Resp: 366724

Ion Ratio Lower Upper

98 100

100 66.2 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 42.687 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY001800.D

Acq: 28 Feb 2020 16:04

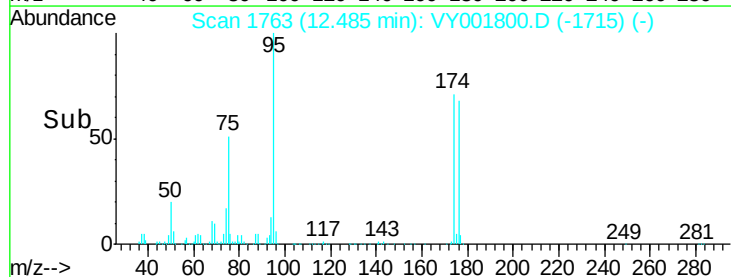
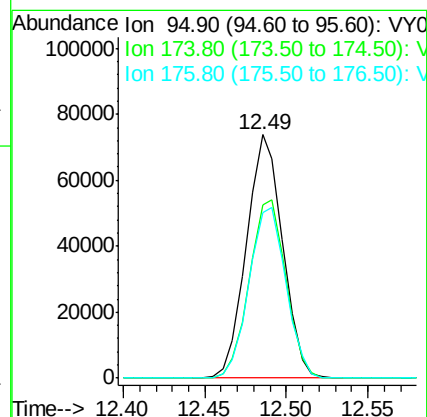
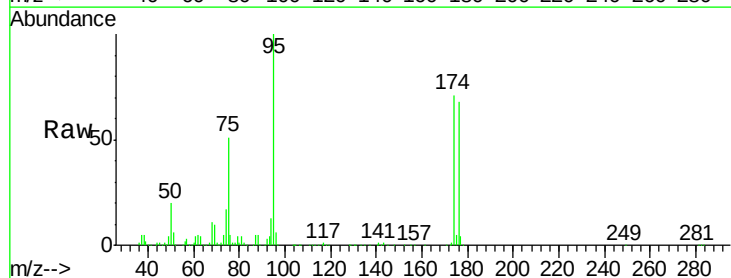
Tgt Ion: 95 Resp: 113768

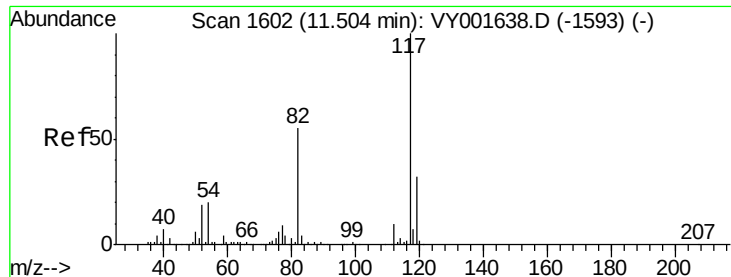
Ion Ratio Lower Upper

95 100

174 74.3 0.0 138.4

176 71.8 0.0 131.8

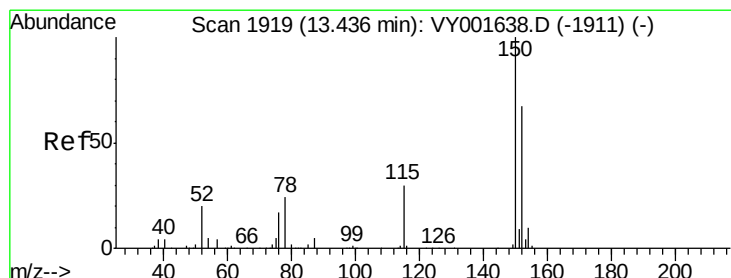
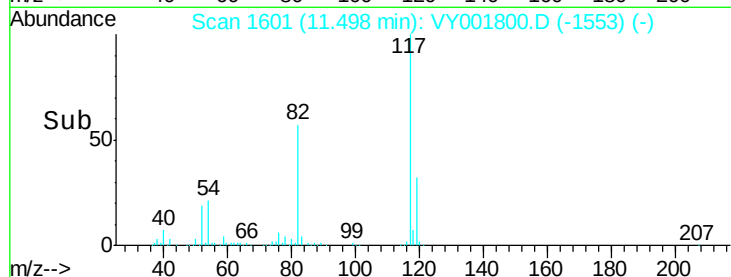
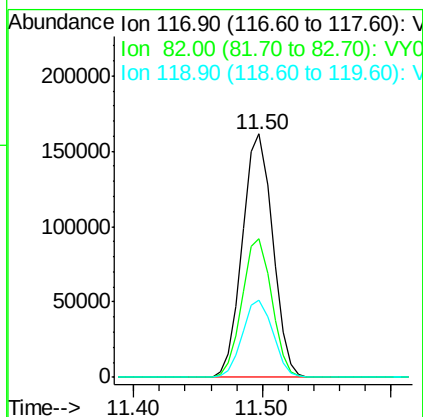
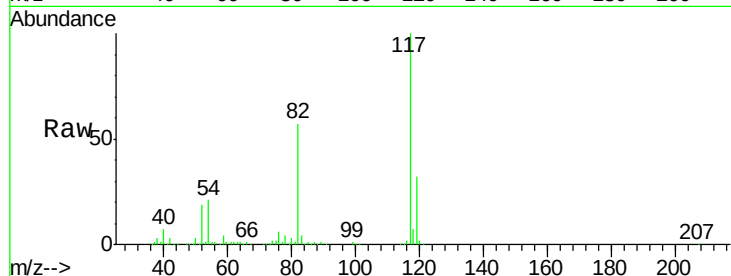




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001800.D
Acq: 28 Feb 2020 16:04

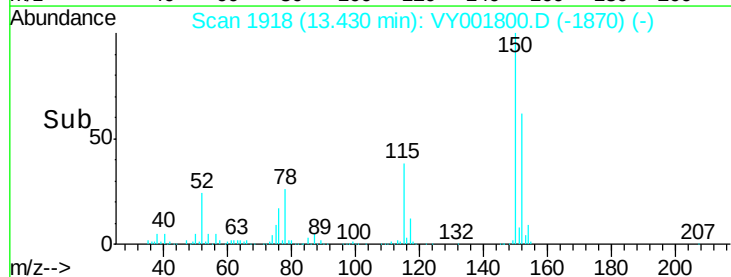
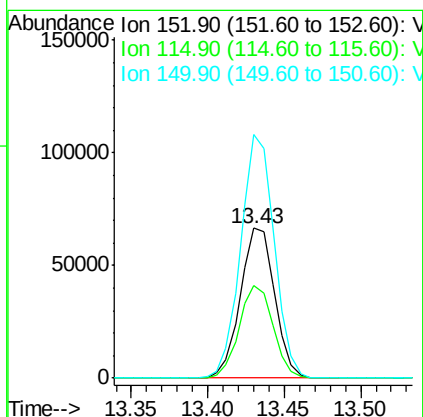
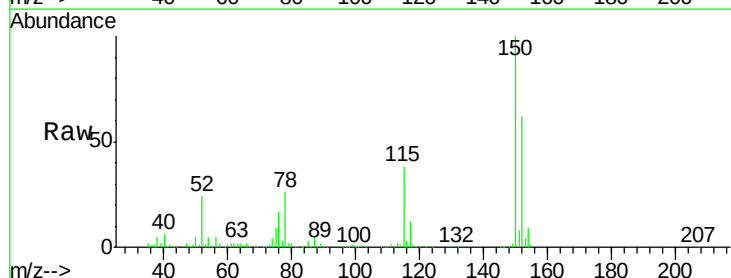
Instrument :
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ClientSampleId :
FK-SF-01-009-A

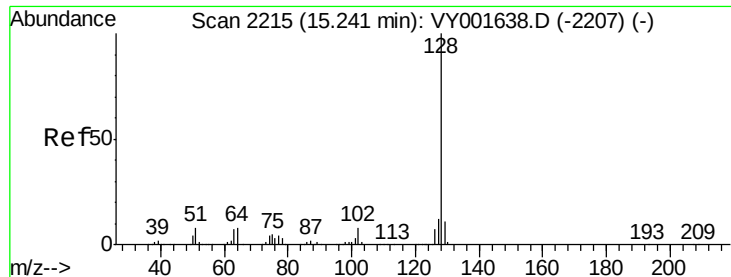
Tot Ion:117 Resp: 263021
Ion Ratio Lower Upper
117 100
82 57.1 45.5 68.3
119 31.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001800.D
Acq: 28 Feb 2020 16:04

Tgt Ion:152 Resp: 103563
Ion Ratio Lower Upper
152 100
115 61.7 31.4 94.2
150 159.1 0.0 407.2

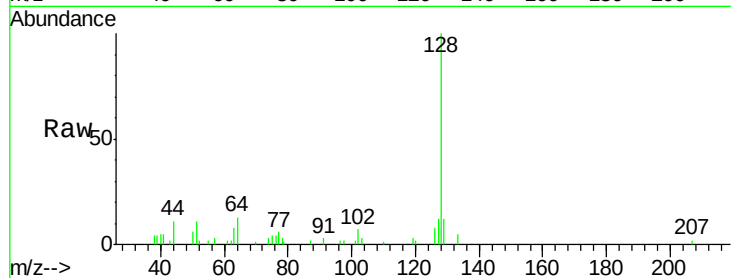




#95
 Naphthalene
 Concen: 1.262 ug/l
 RT: 15.25 min Scan# 2216
 Delta R.T. 0.01 min
 Lab File: VY001800.D
 Acq: 28 Feb 2020 16:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-SF-01-009-A

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	9.9	14.9
129	12.7	8.6	13.0



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

