

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022820\
 Data File : VY001802.D
 Acq On : 28 Feb 2020 16:48
 Operator : SY/MD
 Sample : L1736-02
 Misc : 4.27G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-SF-01-010-A

Quant Time: Feb 28 22:42:59 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

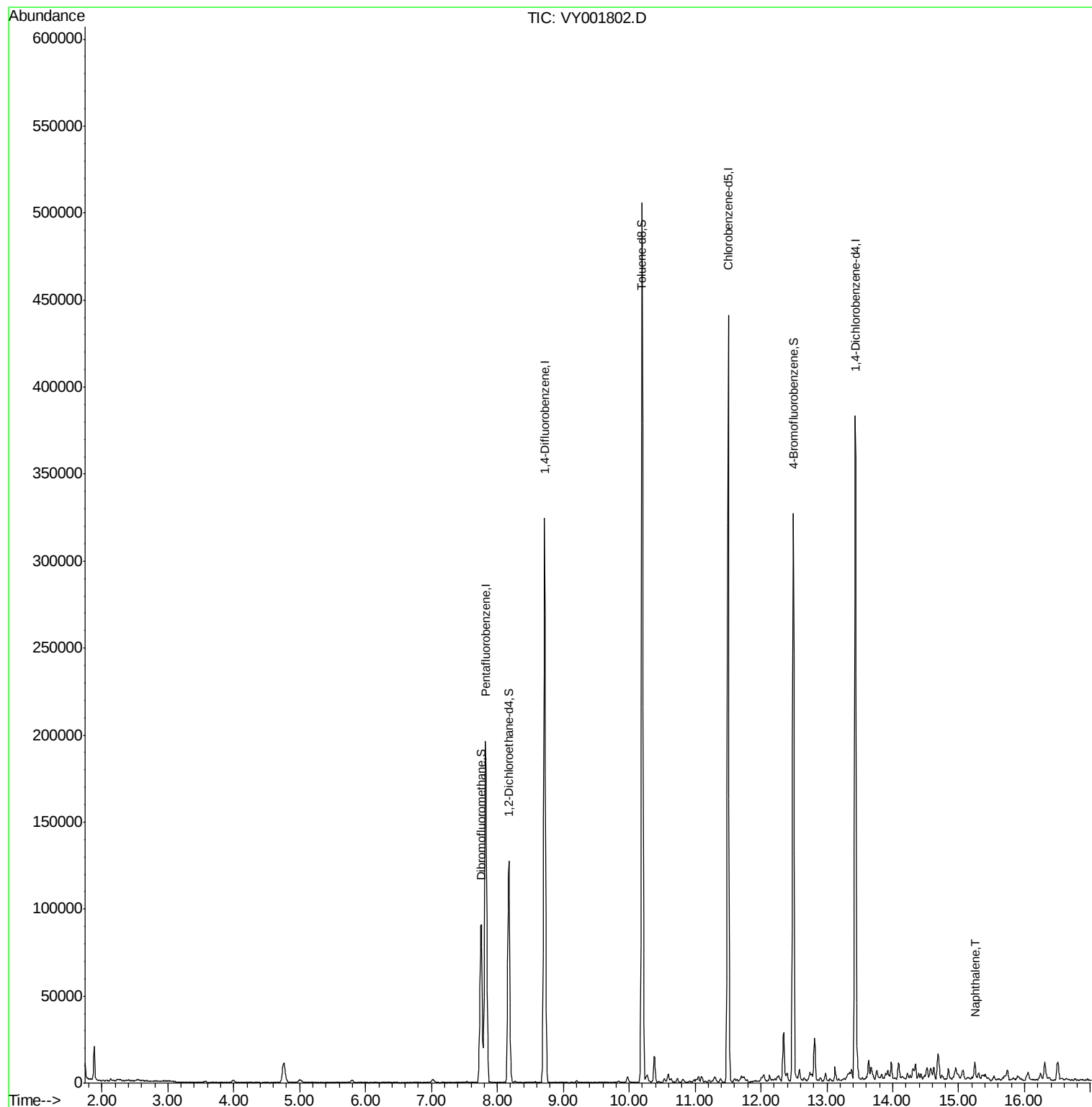
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	145447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	278000	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	241495	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	92456	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	92578	59.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.34%	
35) Dibromofluoromethane	7.75	113	65568	41.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.36%	
50) Toluene-d8	10.20	98	331639	53.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.32%	
62) 4-Bromofluorobenzene	12.49	95	103924	42.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.76%	
Target Compounds						
95) Naphthalene	15.25	128	7024	1.682	ug/l	Qvalue 97

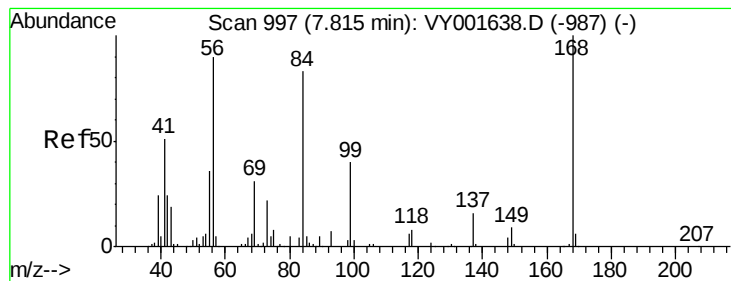
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001802.D

Acq: 28 Feb 2020 16:48

Instrument :

MSVOA_Y

ClientSampleId :

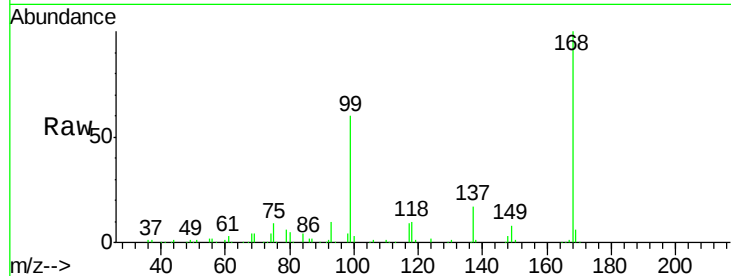
FK-SF-01-010-A

Tot Ion:168 Resp: 145447

Ion Ratio Lower Upper

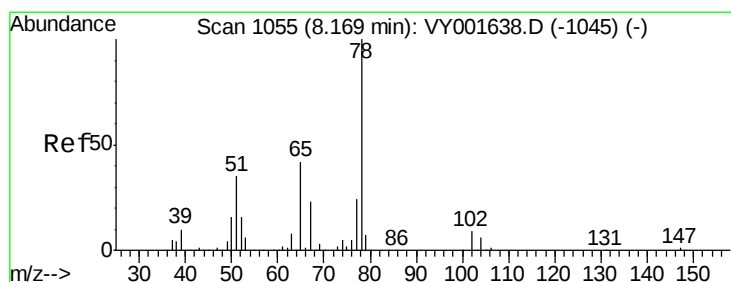
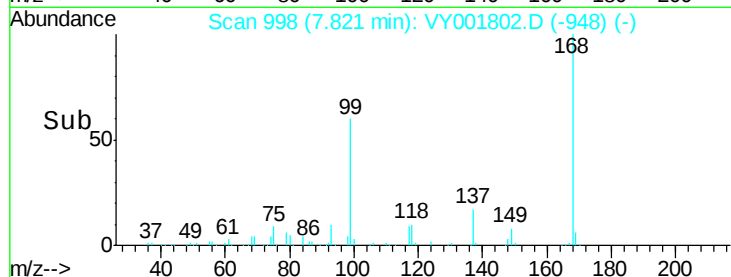
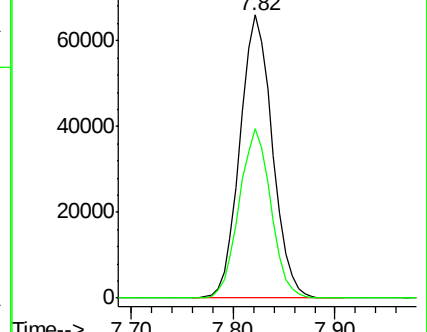
168 100

99 59.9 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001802.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001802.D (-948) (-)



#33

1,2-Dichloroethane-d4

Concen: 59.174 ug/l

RT: 8.17 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY001802.D

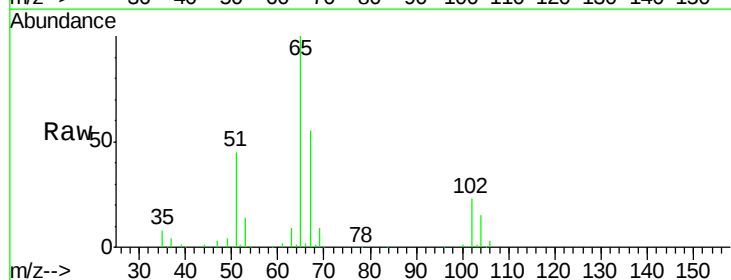
Acq: 28 Feb 2020 16:48

Tgt Ion: 65 Resp: 92578

Ion Ratio Lower Upper

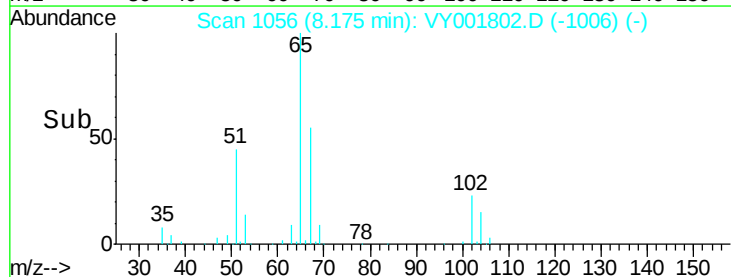
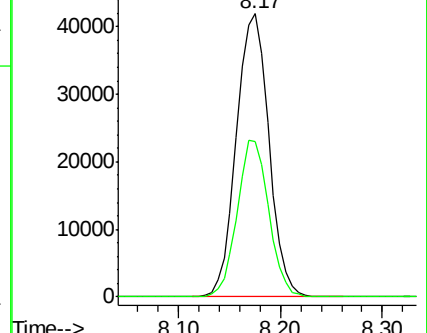
65 100

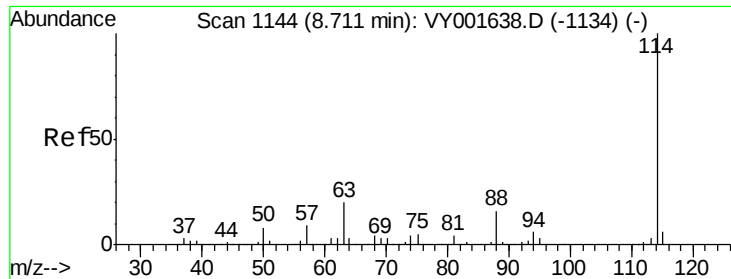
67 53.7 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001802.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY001802.D (-1006) (-)

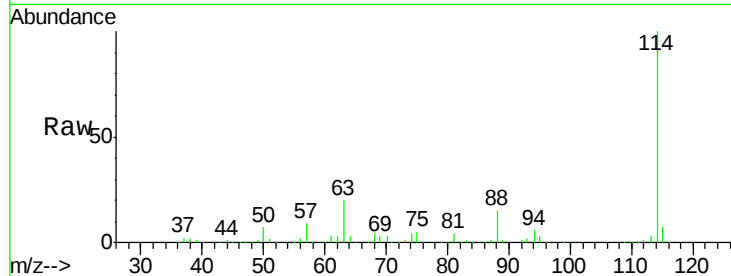




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001802.D
 Acq: 28 Feb 2020 16:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-SF-01-010-A

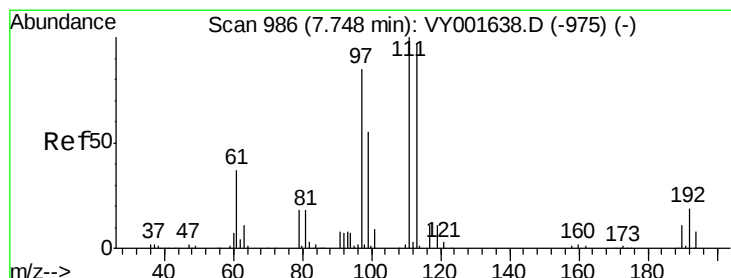
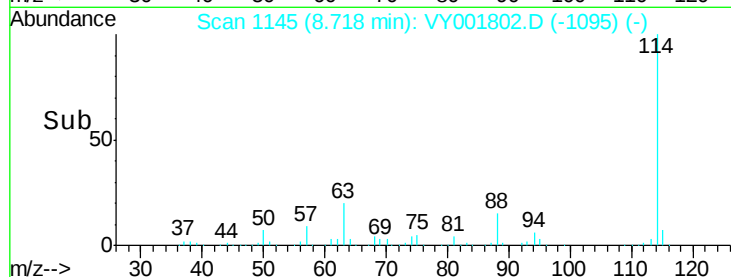
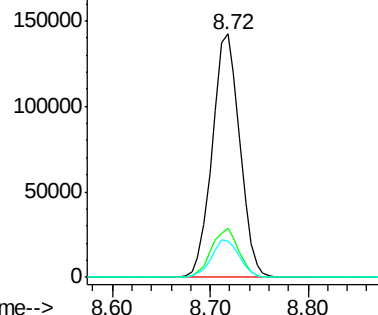
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	41.4
88	15.1	0.0	32.8



Abundance Ion 113.90 (113.60 to 114.60): V

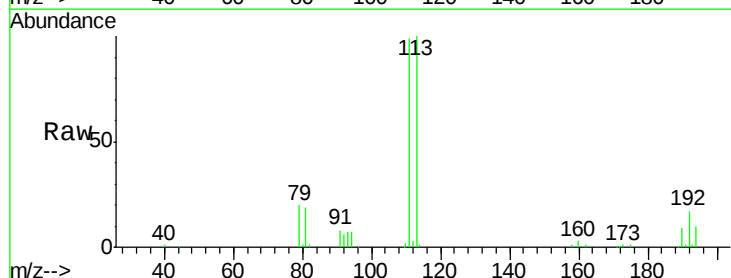
Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35
 Dibromofluoromethane
 Concen: 41.179 ug/l
 RT: 7.75 min Scan# 987
 Delta R.T. 0.01 min
 Lab File: VY001802.D
 Acq: 28 Feb 2020 16:48

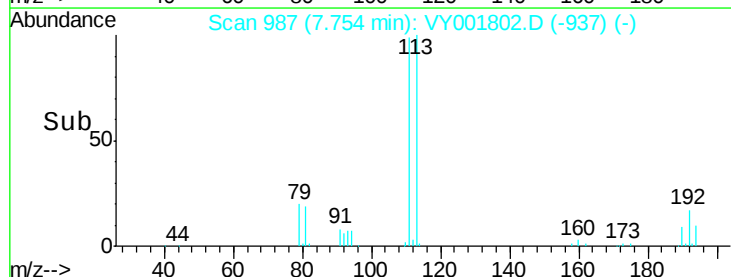
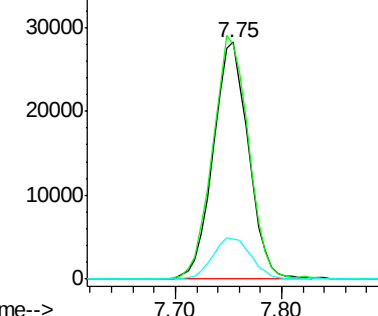
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.6	81.9	122.9
192	19.0	14.3	21.5

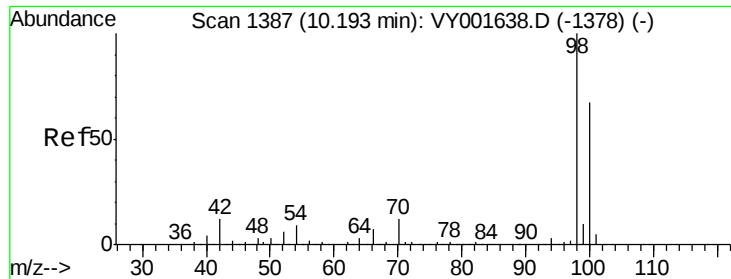


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.164 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001802.D

Acq: 28 Feb 2020 16:48

Instrument :

MSVOA_Y

ClientSampleId :

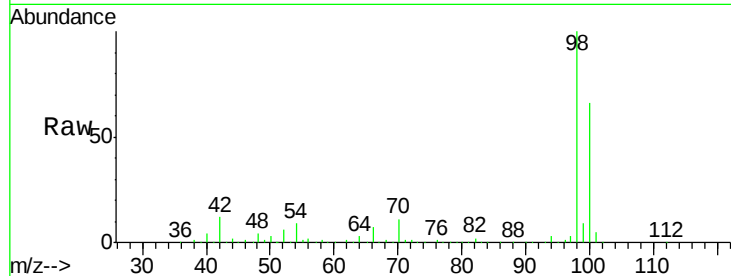
FK-SF-01-010-A

Tot Ion: 98 Resp: 331639

Ion Ratio Lower Upper

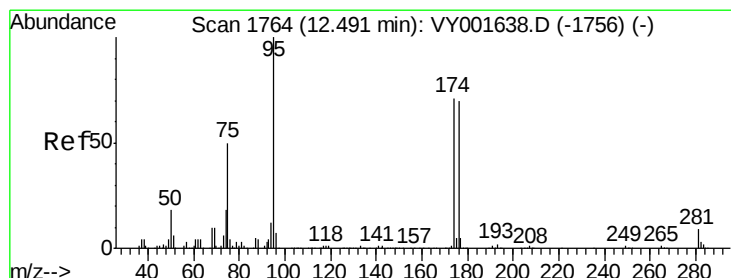
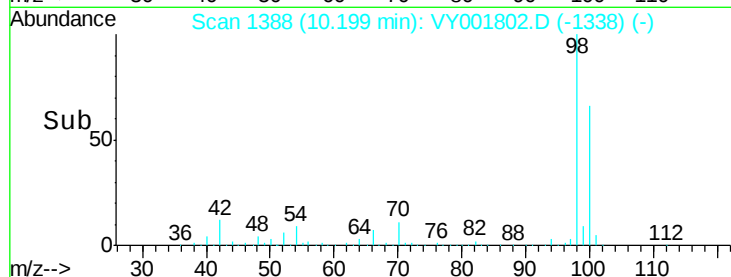
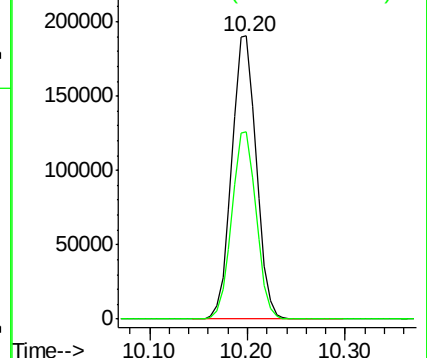
98 100

100 65.8 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 42.883 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001802.D

Acq: 28 Feb 2020 16:48

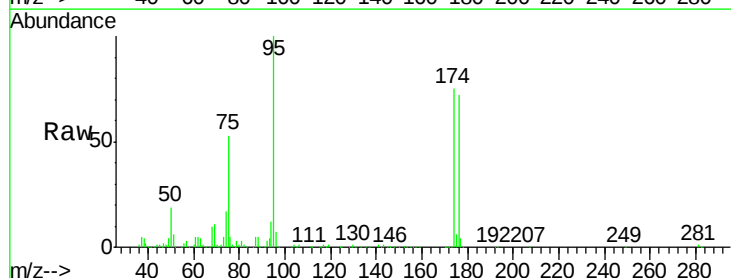
Tgt Ion: 95 Resp: 103924

Ion Ratio Lower Upper

95 100

174 73.9 0.0 138.4

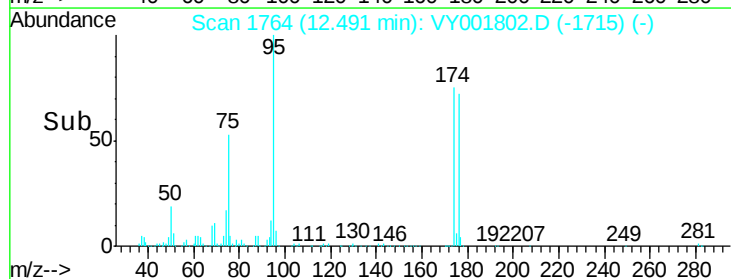
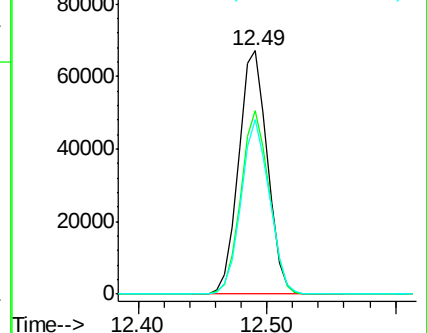
176 70.6 0.0 131.8

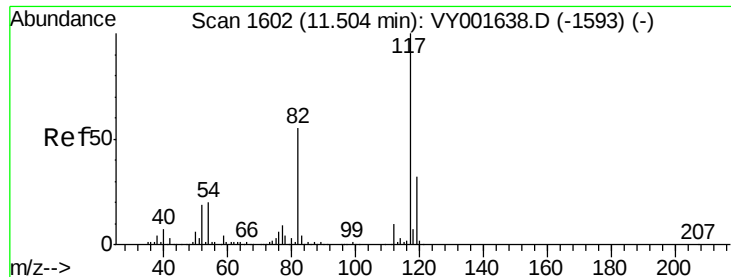


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

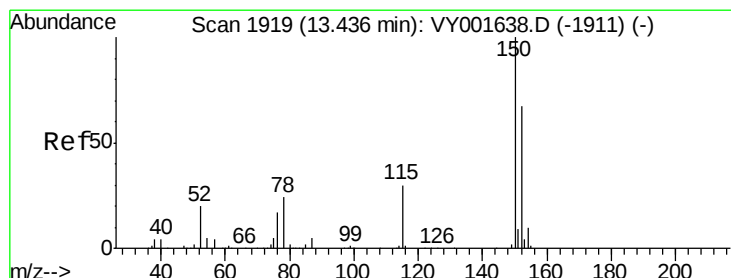
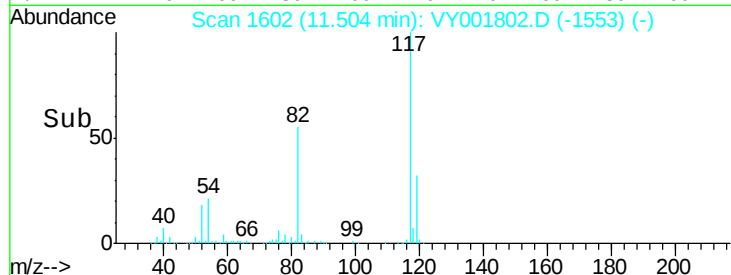
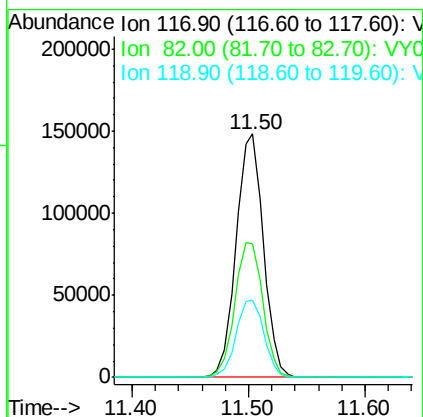
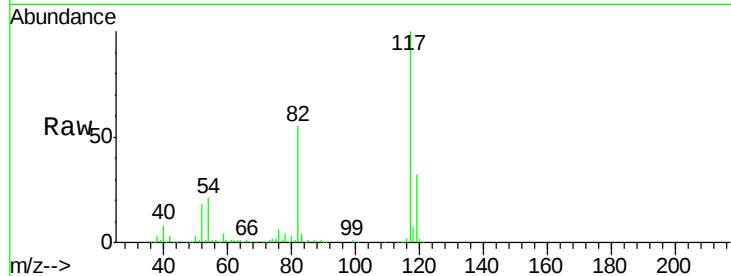




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001802.D
Acq: 28 Feb 2020 16:48

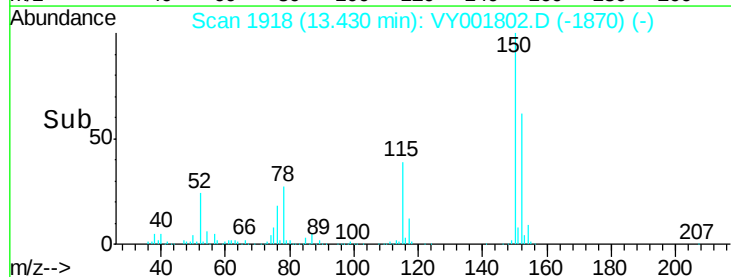
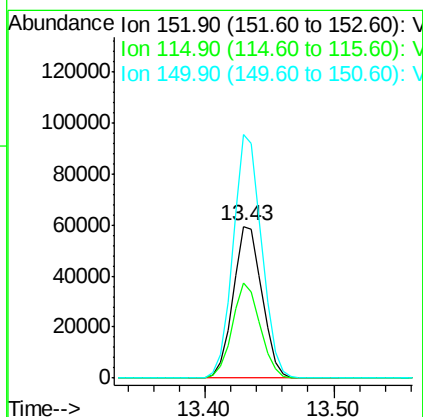
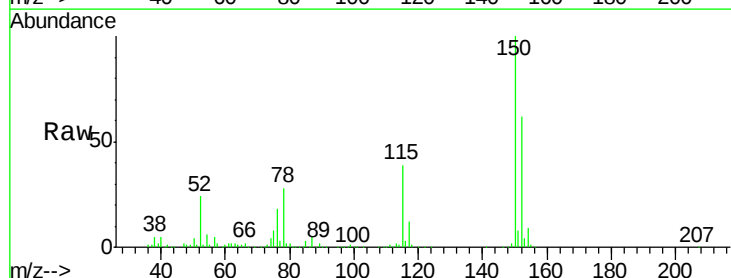
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FK-SF-01-010-A

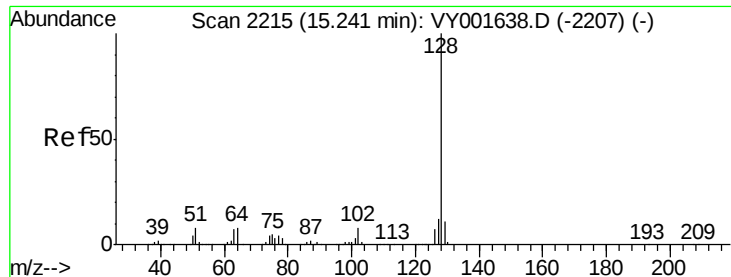
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	45.5	68.3
119	31.6	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001802.D
Acq: 28 Feb 2020 16:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.1	31.4	94.2
150	158.4	0.0	407.2

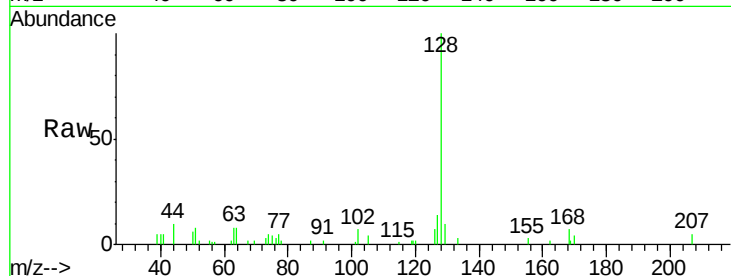




#95
 Naphthalene
 Concen: 1.682 ug/l
 RT: 15.25 min Scan# 2216
 Delta R.T. 0.01 min
 Lab File: VY001802.D
 Acq: 28 Feb 2020 16:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-SF-01-010-A

Tot Ion:	128	Resp:	7024
Ion	Ratio	Lower	Upper
128	100		
127	14.1	9.9	14.9
129	11.2	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

