

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021820\
 Data File : VY001670.D
 Acq On : 18 Feb 2020 14:59
 Operator : SY/MD
 Sample : L1551-02
 Misc : 6.96G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-SF-01-007-A

Quant Time: Feb 19 07:22:22 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

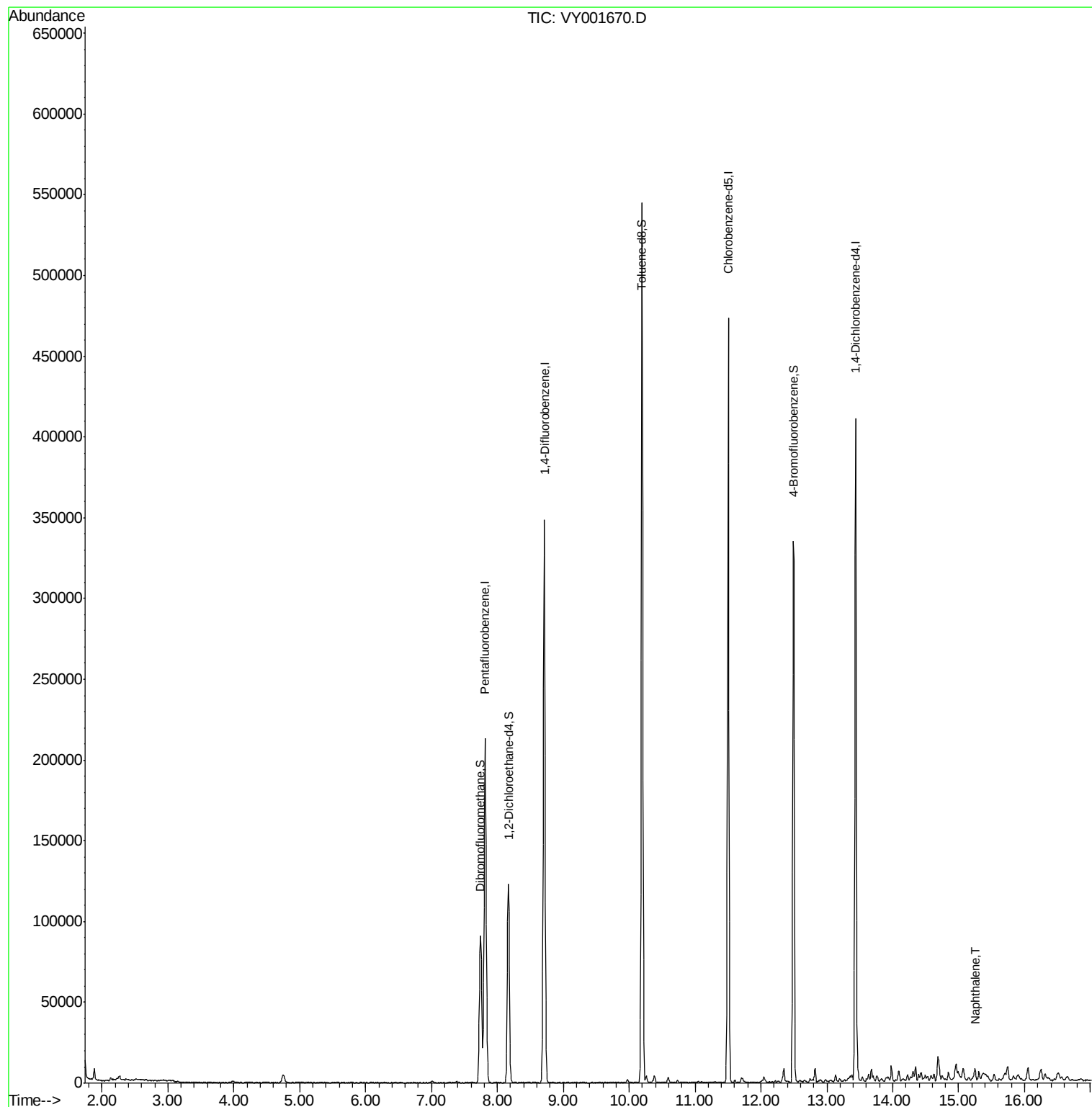
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	162120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	296412	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	254383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	100597	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	91814	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
35) Dibromofluoromethane	7.74	113	65984	38.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.74%	
50) Toluene-d8	10.19	98	349359	52.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.06%	
62) 4-Bromofluorobenzene	12.49	95	110674	42.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.66%	
Target Compounds						
95) Naphthalene	15.25	128	5450	1.200	ug/l #	96

(#) = 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# 997

Delta R.T. 0.00 min

Lab File: VY001670.D

Acq: 18 Feb 2020 14:59

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MSVOA_Y

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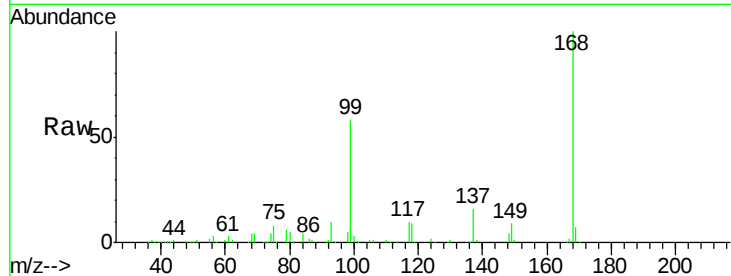
FK-SF-01-007-A

Tot Ion:168 Resp: 162120

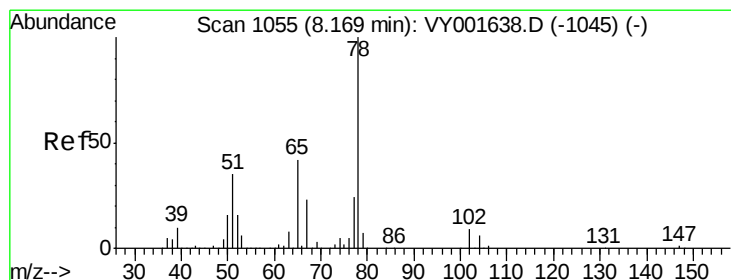
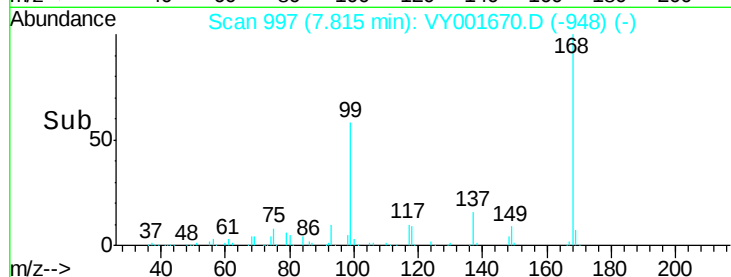
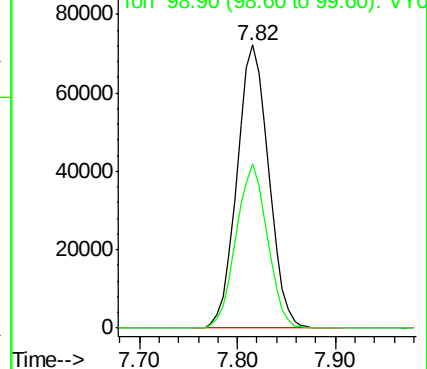
Ion Ratio Lower Upper

168 100

99 58.0 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001670.D (-948) (-)



#33

1,2-Dichloroethane-d4

Concen: 52.651 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY001670.D

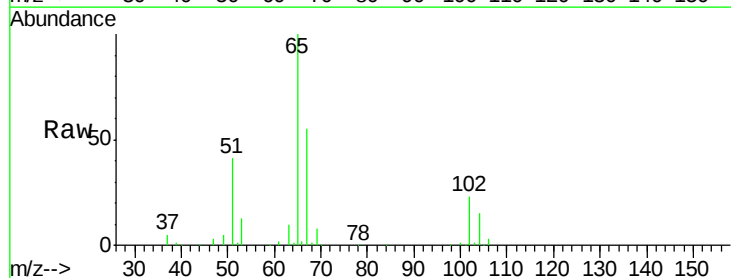
Acq: 18 Feb 2020 14:59

Tgt Ion: 65 Resp: 91814

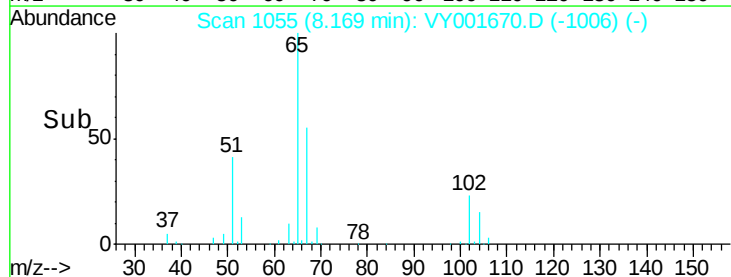
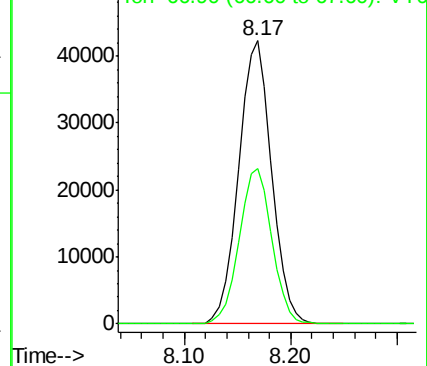
Ion Ratio Lower Upper

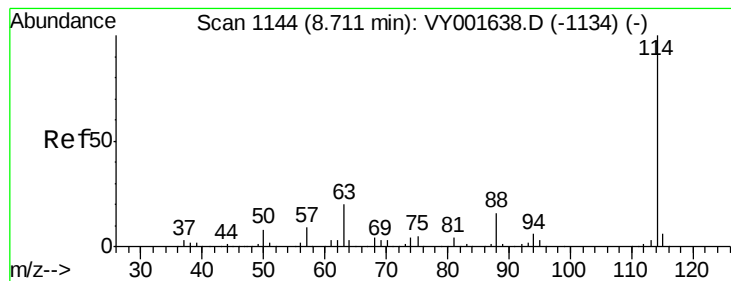
65 100

67 54.5 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001670.D (-1006) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY001670.D

Acq: 18 Feb 2020 14:59

Instrument :

MSVOA_Y

ClientSampleId :

FK-SF-01-007-A

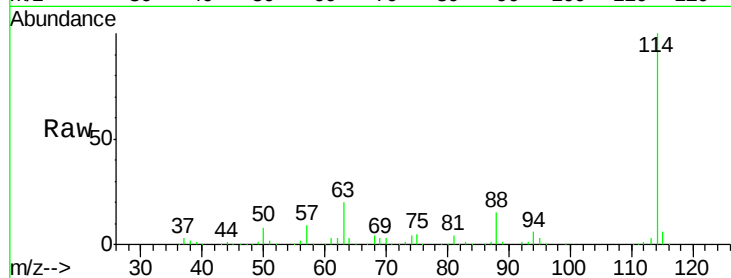
Tot Ion:114 Resp: 296412

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.4

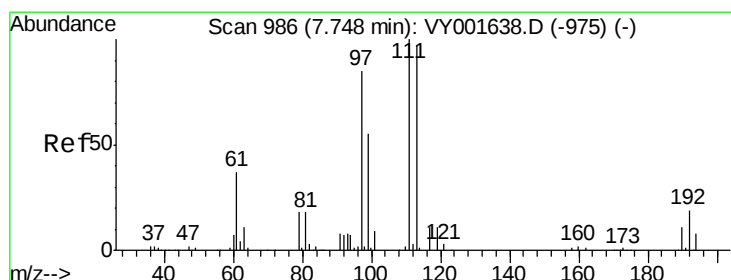
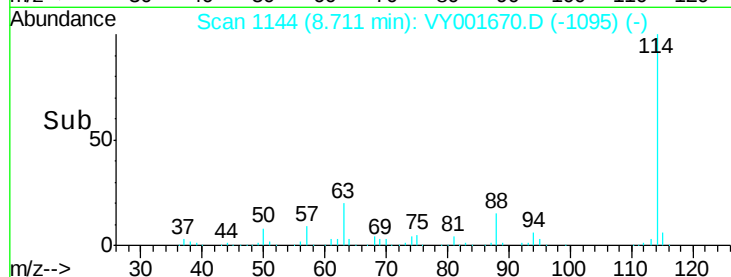
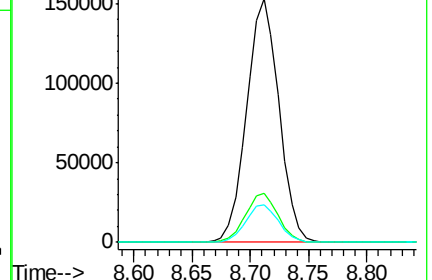
88 15.4 0.0 32.8



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: 38.866 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001670.D

Acq: 18 Feb 2020 14:59

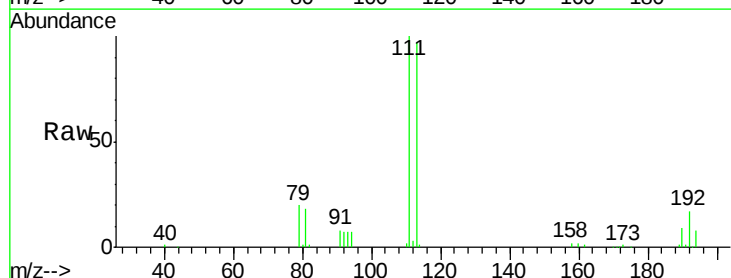
Tgt Ion:113 Resp: 65984

Ion Ratio Lower Upper

113 100

111 103.3 81.9 122.9

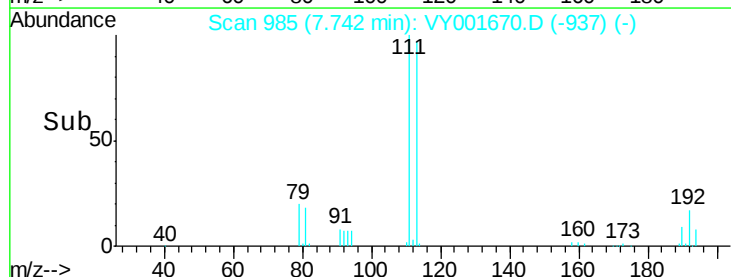
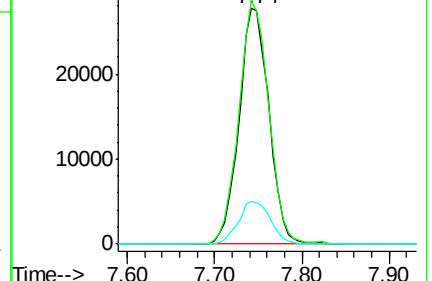
192 19.2 14.3 21.5

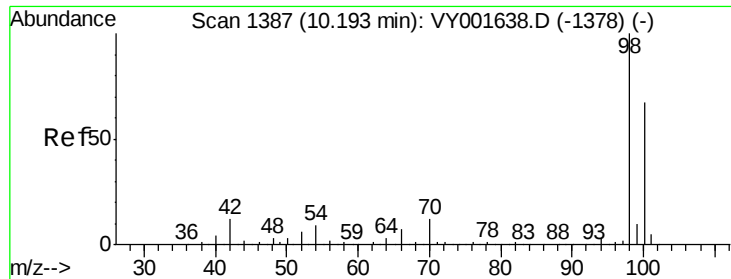


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.526 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001670.D

Acq: 18 Feb 2020 14:59

Instrument :

MSVOA_Y

ClientSampleId :

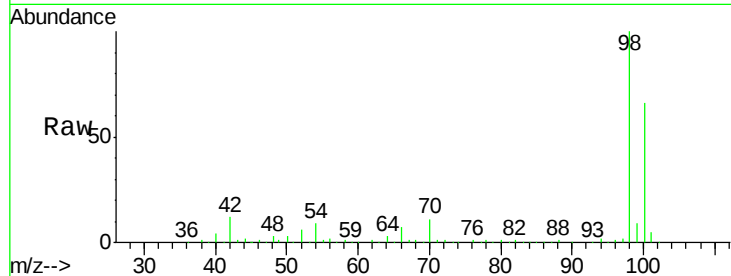
FK-SF-01-007-A

Tot Ion: 98 Resp: 349359

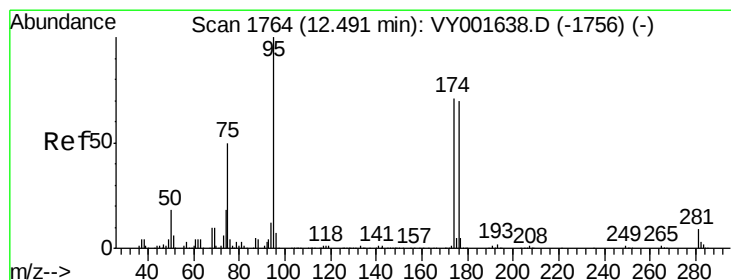
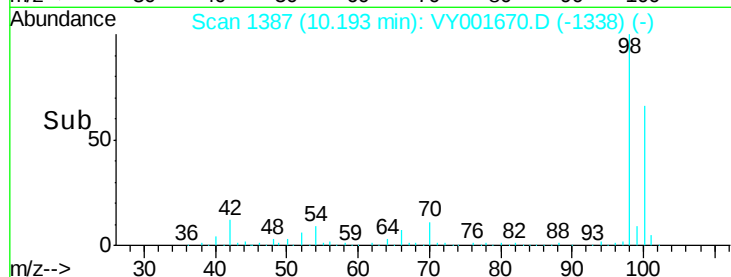
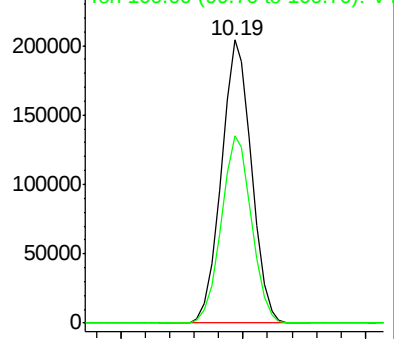
Ion Ratio Lower Upper

98 100

100 66.4 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001670.D (-1338) (-)



#62

4-Bromofluorobenzene

Concen: 42.832 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001670.D

Acq: 18 Feb 2020 14:59

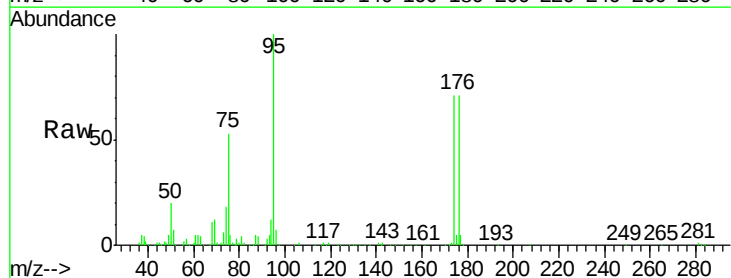
Tgt Ion: 95 Resp: 110674

Ion Ratio Lower Upper

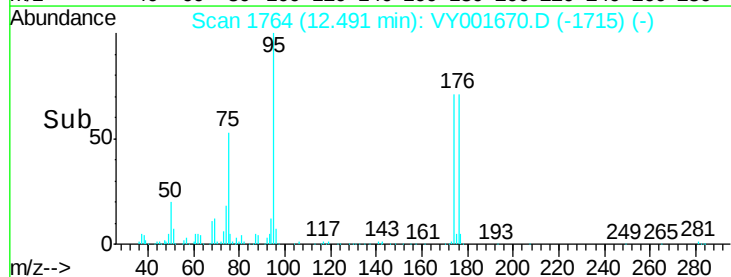
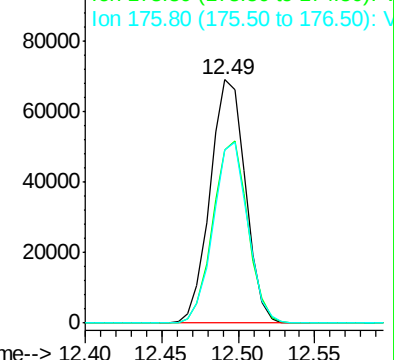
95 100

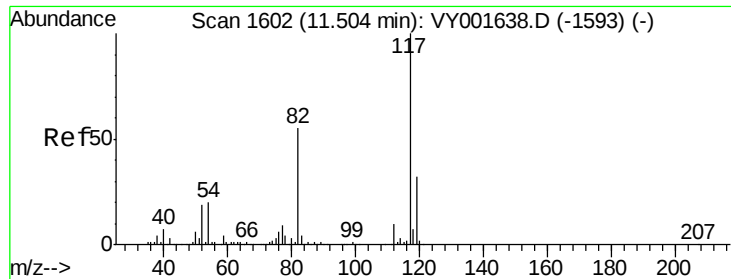
174 73.7 0.0 138.4

176 72.8 0.0 131.8



Abundance Ion 94.90 (94.60 to 95.60): VY001670.D (-1715) (-)

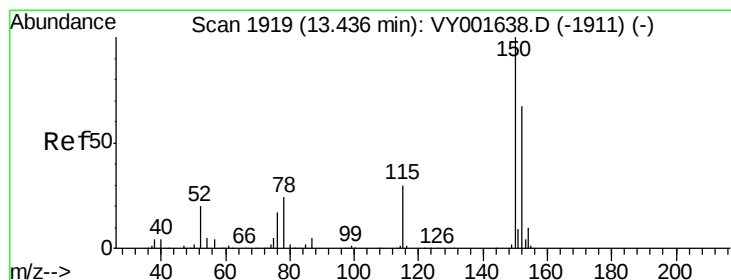
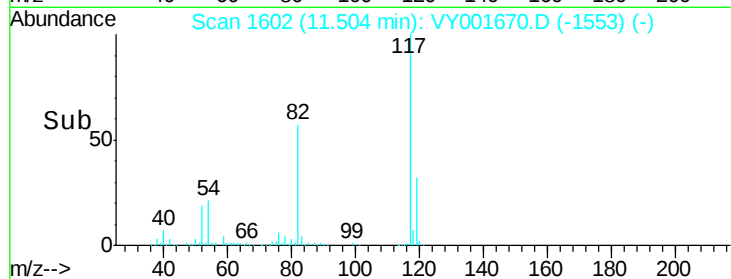
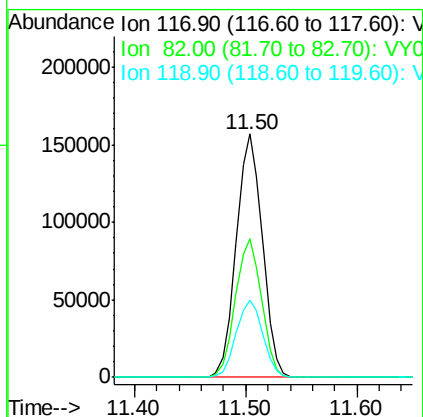
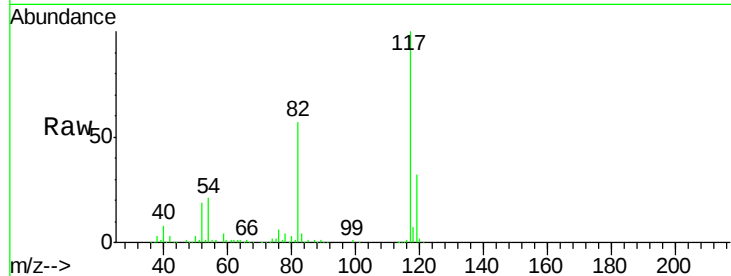




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001670.D
Acq: 18 Feb 2020 14:59

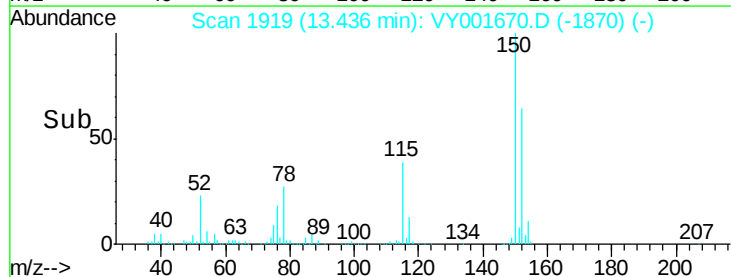
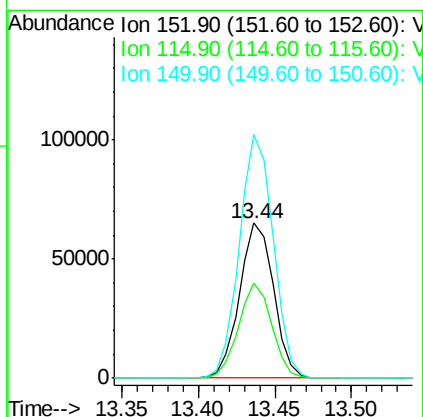
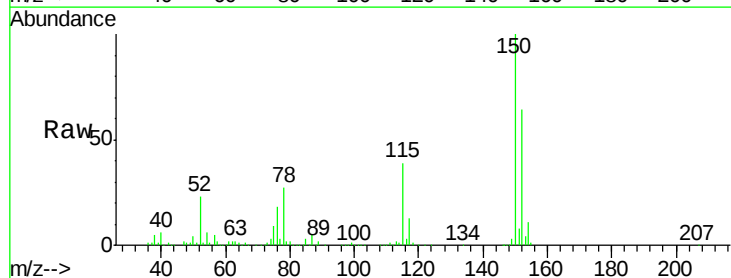
Instrument :
MSVOA_Y
ClientSampleId :
FK-SF-01-007-A

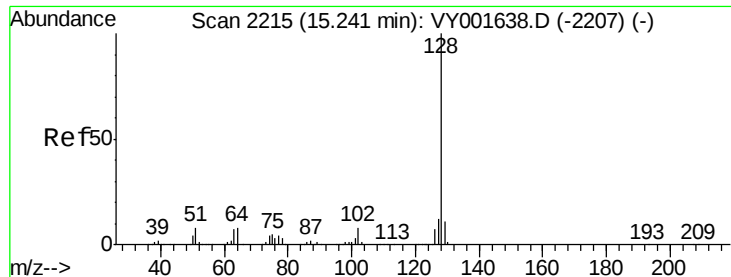
Tot Ion:117 Resp: 254383
Ion Ratio Lower Upper
117 100
82 57.1 45.5 68.3
119 31.5 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001670.D
Acq: 18 Feb 2020 14:59

Tgt Ion:152 Resp: 100597
Ion Ratio Lower Upper
152 100
115 59.7 31.4 94.2
150 156.3 0.0 407.2





#95
 Naphthalene
 Concen: 1.200 ug/l
 RT: 15.25 min Scan# 2217
 Delta R.T. 0.01 min
 Lab File: VY001670.D
 Acq: 18 Feb 2020 14:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-SF-01-007-A

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	9.9	14.9
129	13.9	8.6	13.0

