

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040220\
 Data File : VY002189.D
 Acq On : 02 Apr 2020 14:09
 Operator : SY/MD
 Sample : L2135-02
 Misc : 7.35G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2J-(0-2)

Quant Time: Apr 03 04:01:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

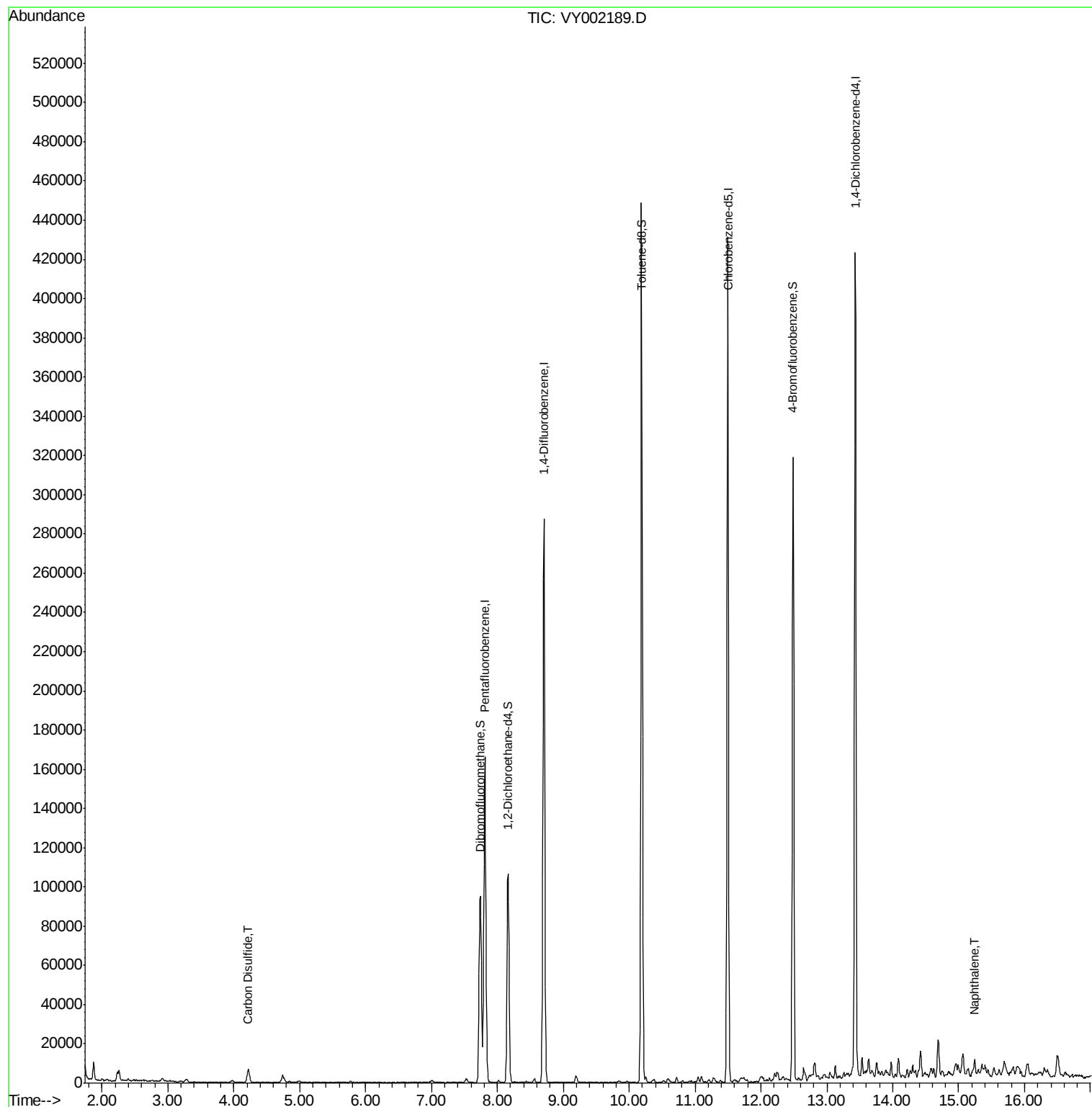
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	119954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	235530	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	225684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	99632	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	78471	59.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.36%	
35) Dibromofluoromethane	7.74	113	69465	52.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.28%	
50) Toluene-d8	10.19	98	294863	53.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.56%	
62) 4-Bromofluorobenzene	12.49	95	102862	53.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.30%	
Target Compounds						
17) Carbon Disulfide	4.22	76	13495	3.124	ug/l	97
95) Naphthalene	15.25	128	5835	1.337	ug/l #	96

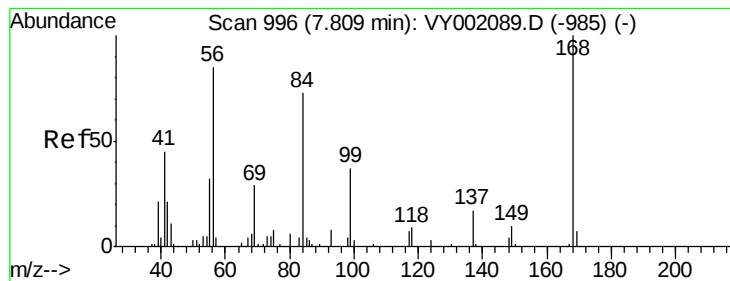
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002189.D

Acq: 02 Apr 2020 14:09

Instrument :

MSVOA_Y

ClientSampleId :

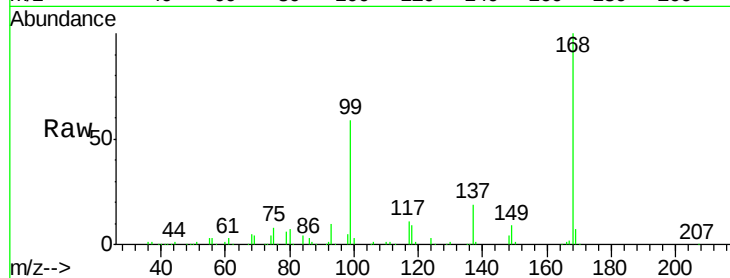
SB-2J-(0-2)

Tot Ion:168 Resp: 119954

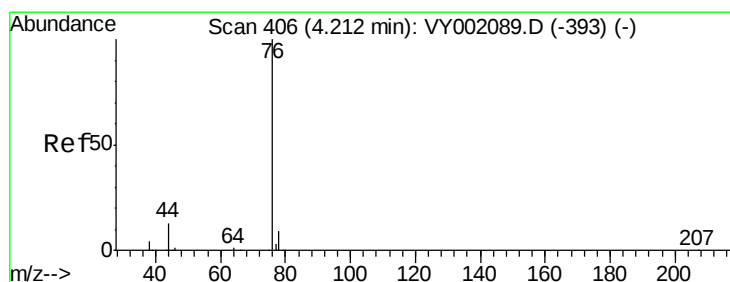
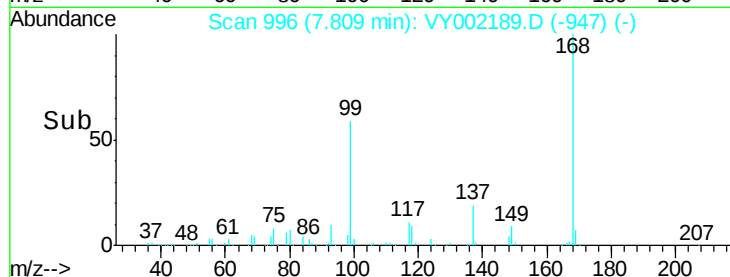
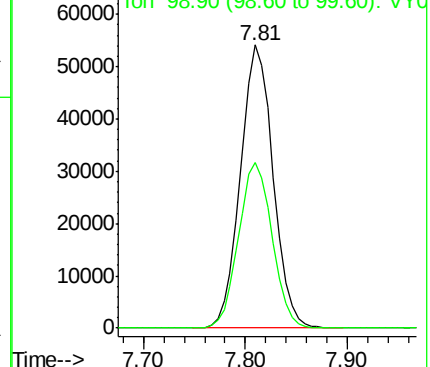
Ion Ratio Lower Upper

168 100

99 58.7 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002189.D (-985) (-)



#17

Carbon Disulfide

Concen: 3.124 ug/l

RT: 4.22 min Scan# 407

Delta R.T. 0.01 min

Lab File: VY002189.D

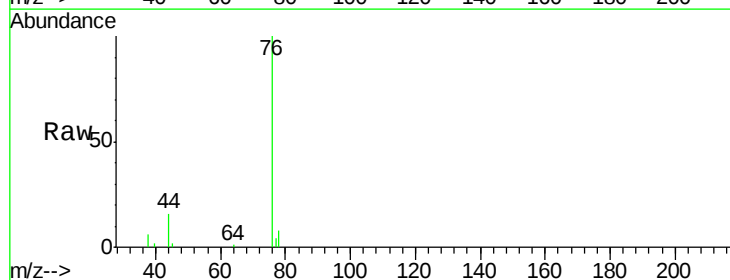
Acq: 02 Apr 2020 14:09

Tgt Ion: 76 Resp: 13495

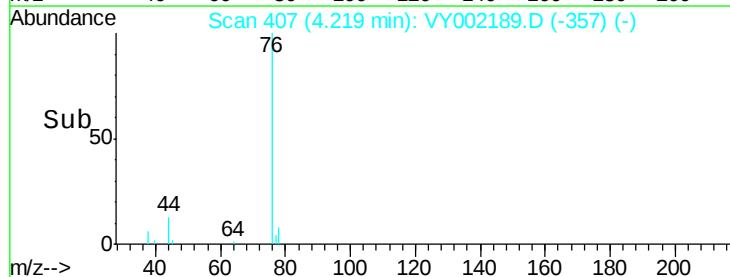
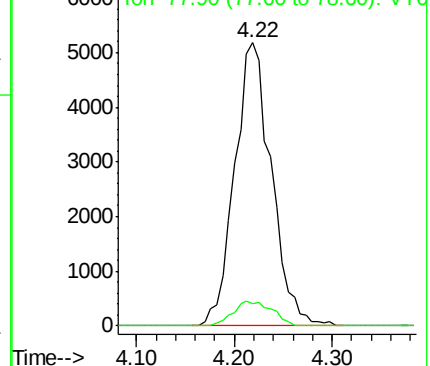
Ion Ratio Lower Upper

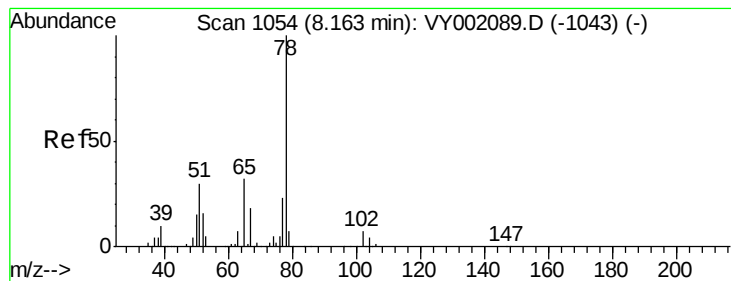
76 100

78 7.9 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY002189.D (-393) (-)





#33

1,2-Dichloroethane-d4

Concen: 59.176 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VY002189.D

Acq: 02 Apr 2020 14:09

Instrument :

MSVOA_Y

ClientSampleId :

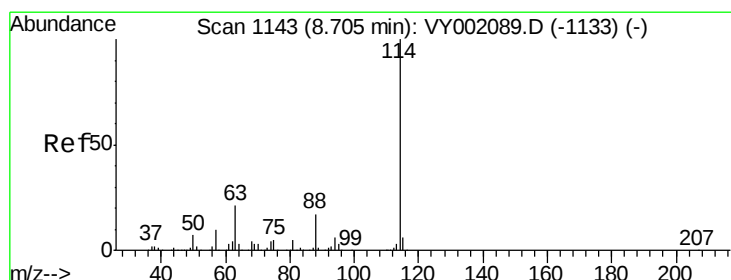
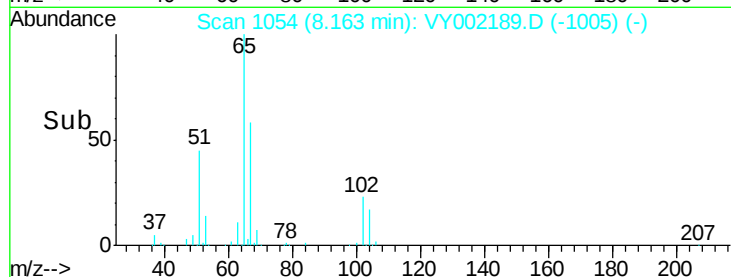
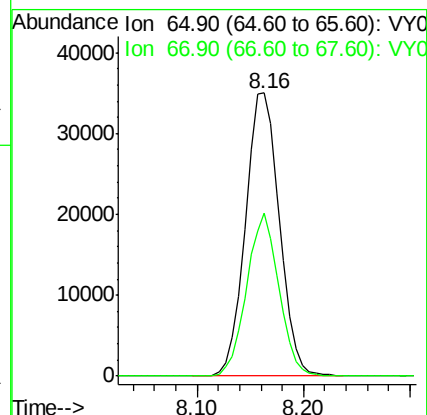
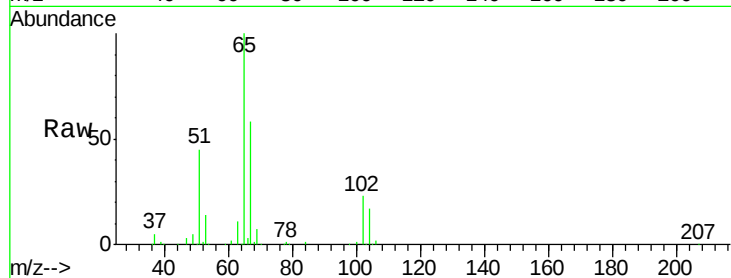
SB-2J-(0-2)

Tot Ion: 65 Resp: 78471

Ion Ratio Lower Upper

65 100

67 54.7 0.0 112.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.00 min

Lab File: VY002189.D

Acq: 02 Apr 2020 14:09

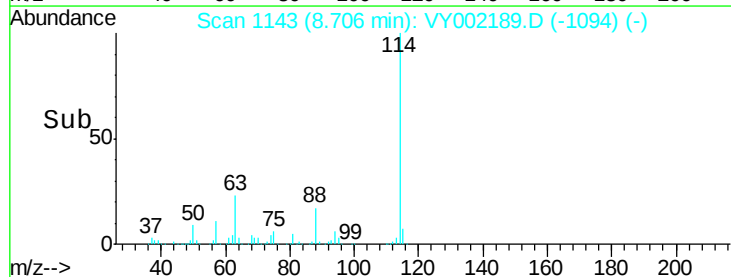
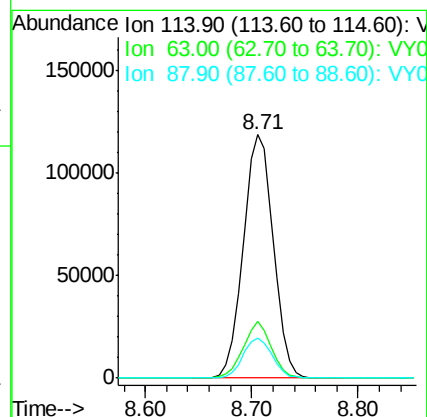
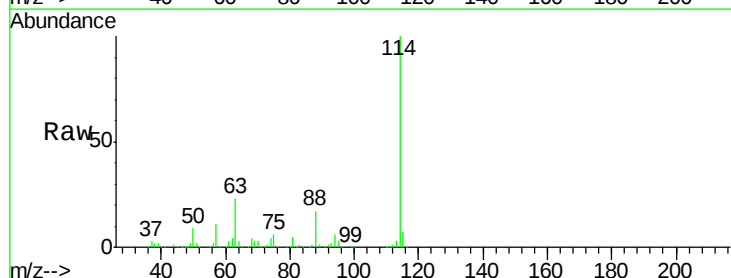
Tgt Ion: 114 Resp: 235530

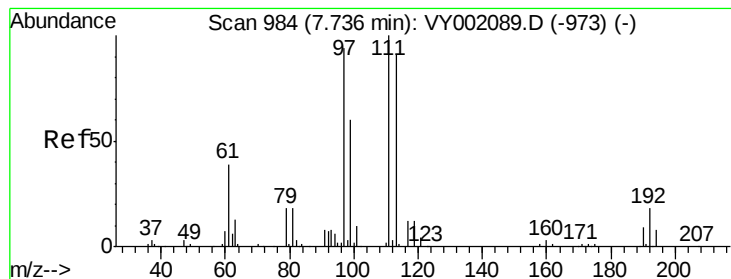
Ion Ratio Lower Upper

114 100

63 23.4 0.0 41.4

88 16.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 52.637 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002189.D

Acq: 02 Apr 2020 14:09

Instrument :

MSVOA_Y

ClientSampleId :

SB-2J-(0-2)

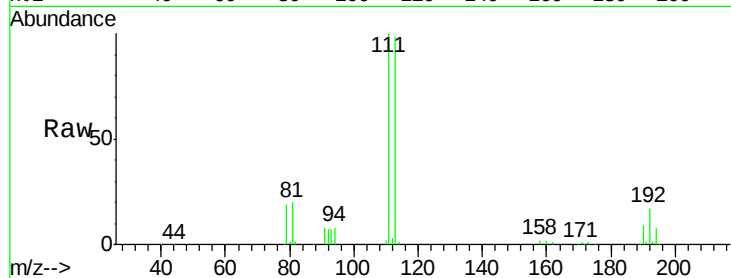
Tot Ion:113 Resp: 69465

Ion Ratio Lower Upper

113 100

111 102.4 84.4 126.6

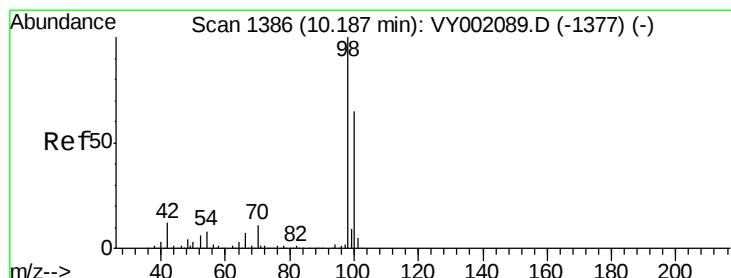
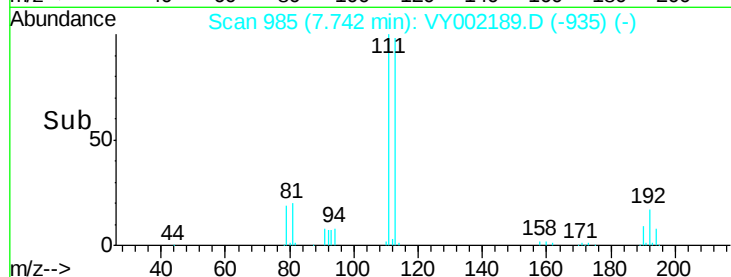
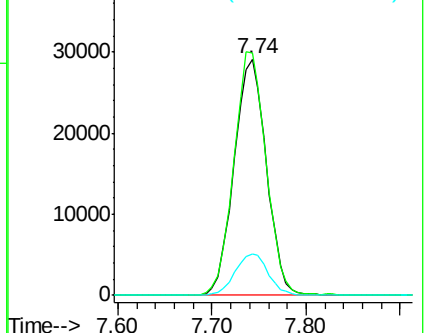
192 17.8 14.6 21.8



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: 53.784 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002189.D

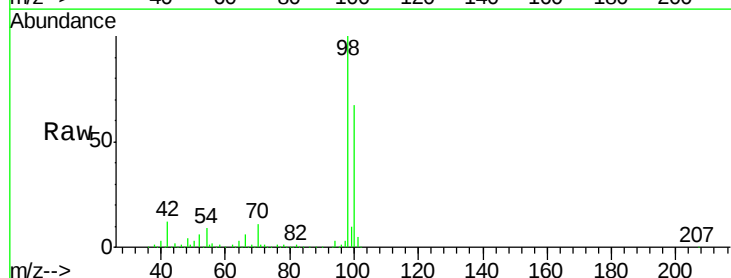
Acq: 02 Apr 2020 14:09

Tgt Ion: 98 Resp: 294863

Ion Ratio Lower Upper

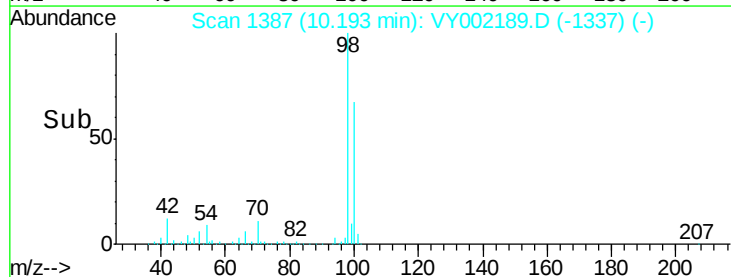
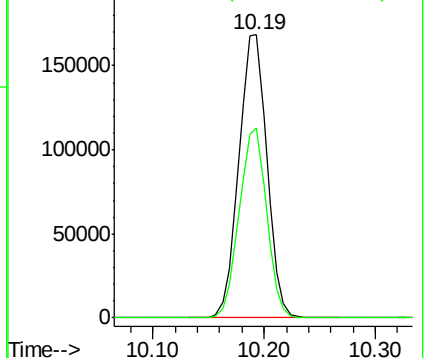
98 100

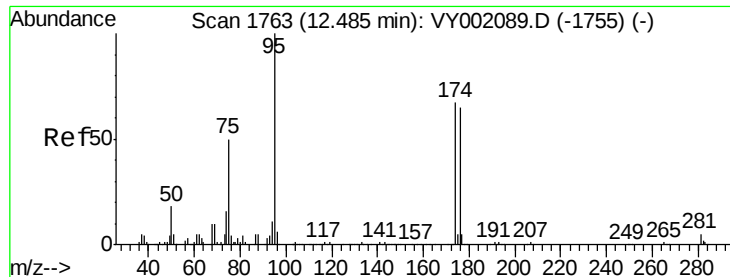
100 65.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

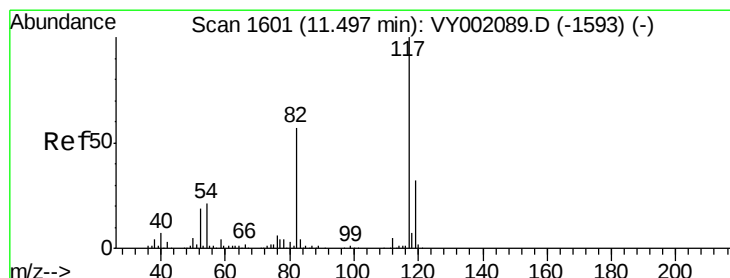
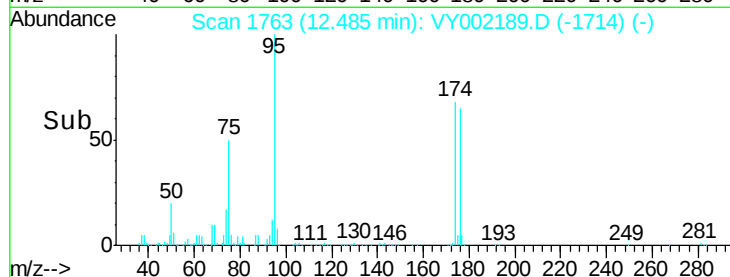
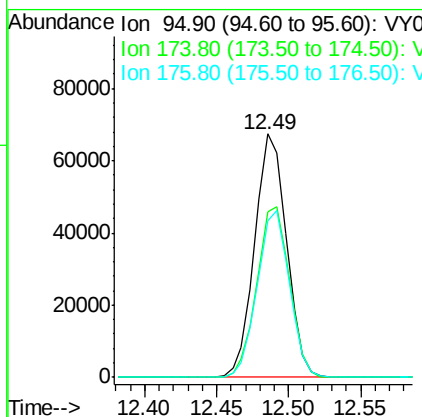
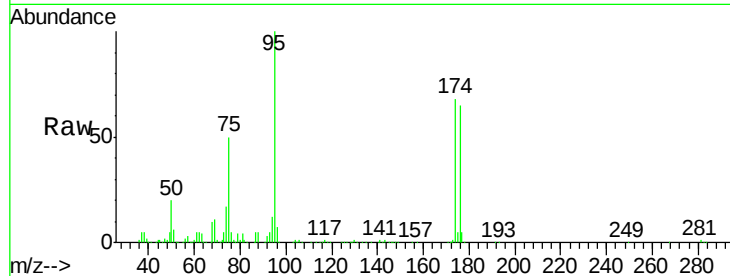




#62
4-Bromofluorobenzene
Concen: 53.647 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VY002189.D
Acq: 02 Apr 2020 14:09

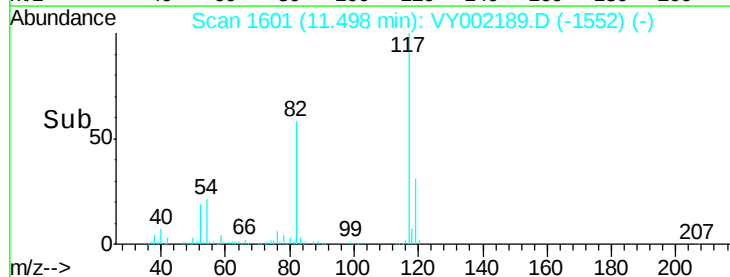
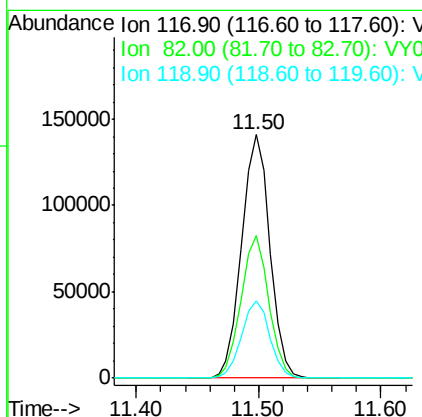
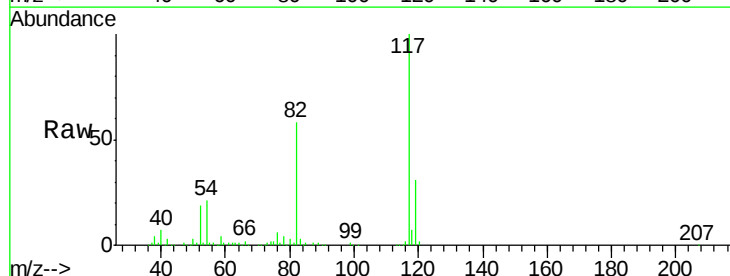
Instrument :
MSVOA_Y
ClientSampleId :
SB-2J-(0-2)

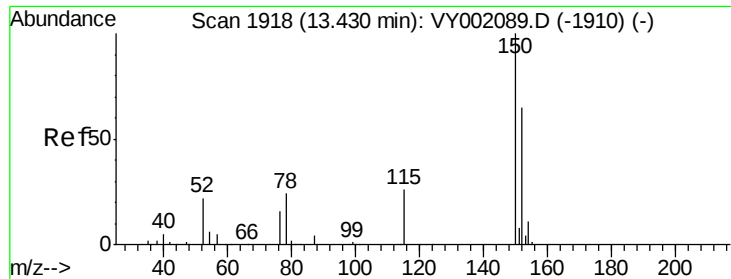
Tot Ion	95	Resp	102862
Ion Ratio	Lower	Upper	
95	100		
174	72.1	0.0	143.4
176	69.4	0.0	137.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002189.D
Acq: 02 Apr 2020 14:09

Tgt Ion	117	Resp	225684
Ion Ratio	Lower	Upper	
117	100		
82	58.3	45.4	68.2
119	31.5	25.3	37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY002189.D

Acq: 02 Apr 2020 14:09

Instrument :

MSVOA_Y

ClientSampleId :

SB-2J-(0-2)

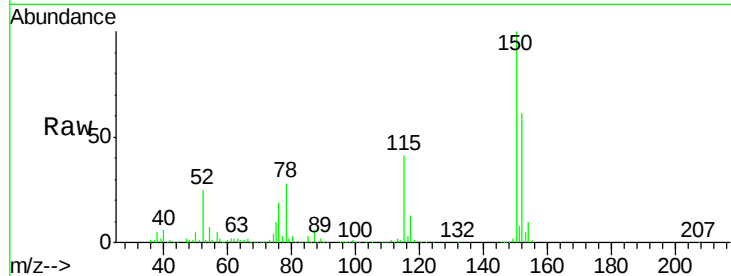
Tot Ion:152 Resp: 99632

Ion Ratio Lower Upper

152 100

115 62.3 31.2 93.6

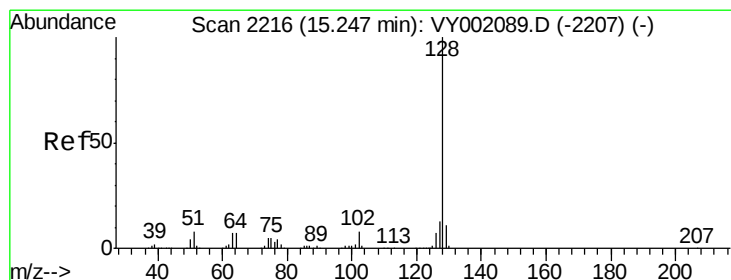
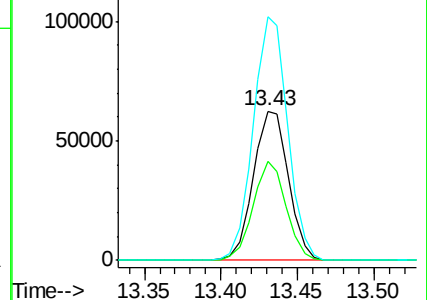
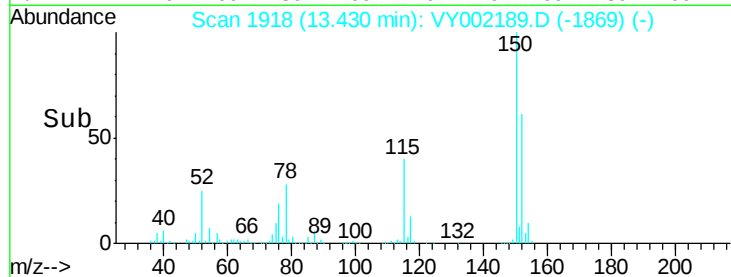
150 159.4 0.0 354.8



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



#95

Naphthalene

Concen: 1.337 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.00 min

Lab File: VY002189.D

Acq: 02 Apr 2020 14:09

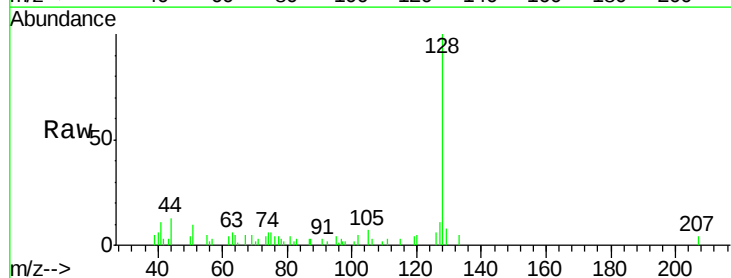
Tgt Ion:128 Resp: 5835

Ion Ratio Lower Upper

128 100

127 13.1 9.8 14.8

129 13.1 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

