

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032720\
 Data File : VY002105.D
 Acq On : 27 Mar 2020 15:09
 Operator : SY/MD
 Sample : L2049-02
 Misc : 7.14G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3-(1-3)

Quant Time: Mar 30 04:19:33 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

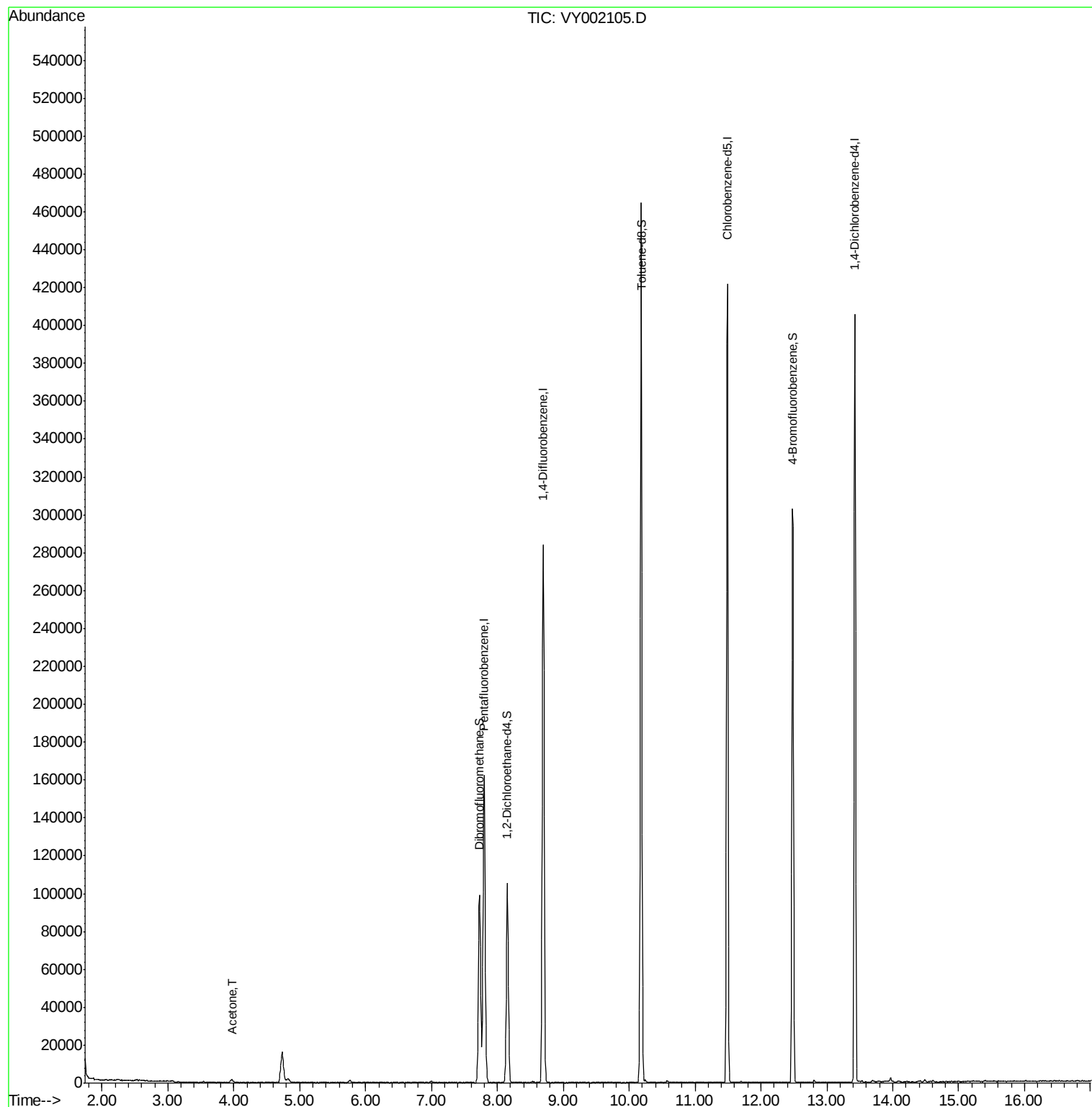
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	122478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	239716	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	220534	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	96369	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	78975	58.33	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	116.66%	
35) Dibromofluoromethane	7.73	113	70356	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	
50) Toluene-d8	10.18	98	293998	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	
62) 4-Bromofluorobenzene	12.48	95	99364	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
Target Compounds						
16) Acetone	3.97	43	3056	8.034	ug/l	Qvalue 90

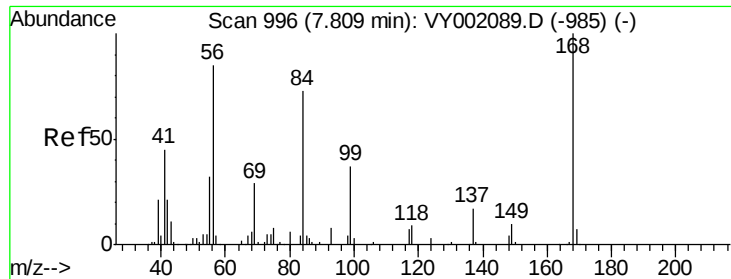
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002105.D

Acq: 27 Mar 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

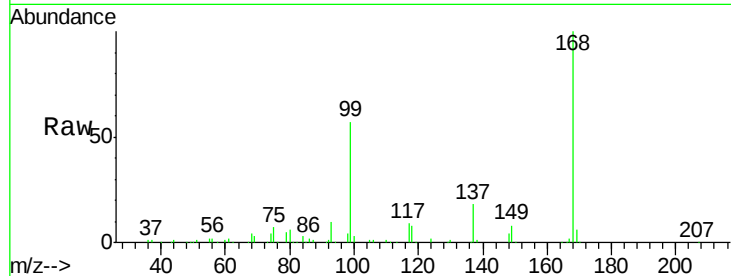
SB-3-(1-3)

Tot Ion:168 Resp: 122478

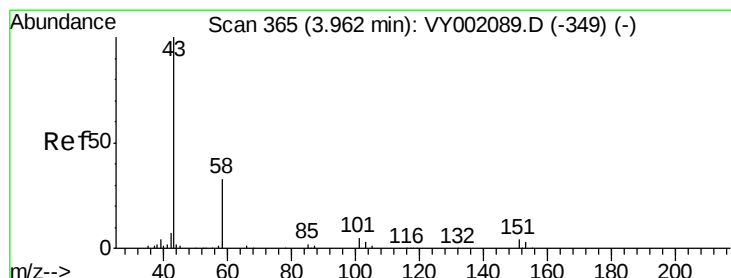
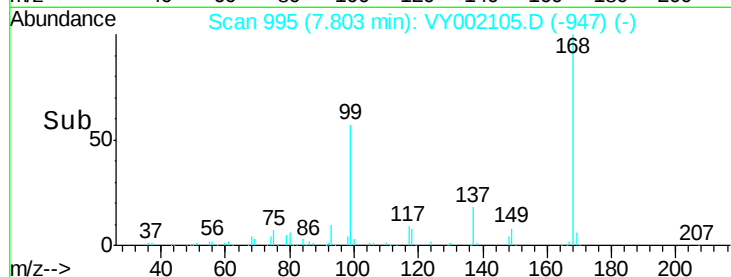
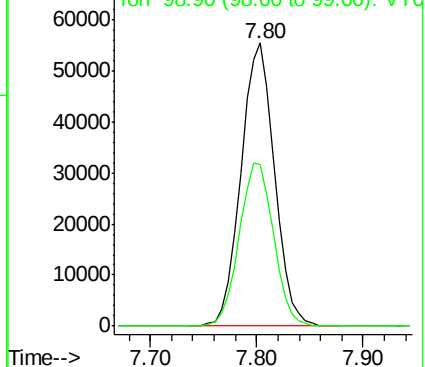
Ion Ratio Lower Upper

168 100

99 57.4 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002105.D (-947) (-)



#16

Acetone

Concen: 8.034 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002105.D

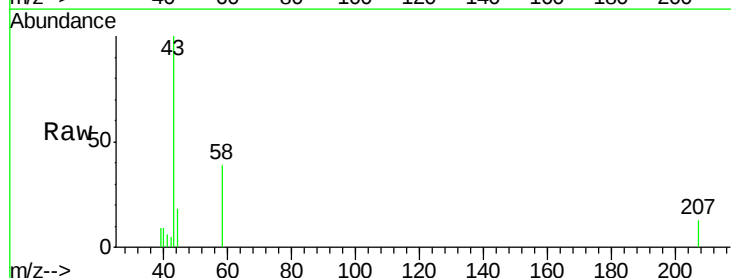
Acq: 27 Mar 2020 15:09

Tgt Ion: 43 Resp: 3056

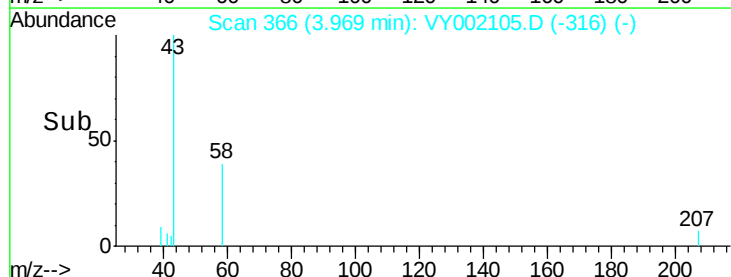
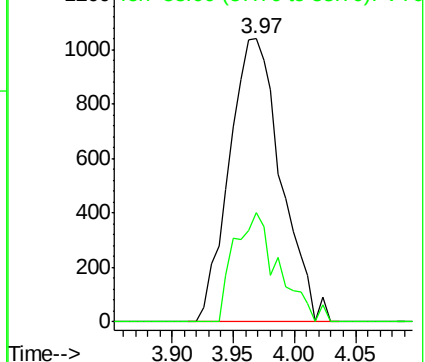
Ion Ratio Lower Upper

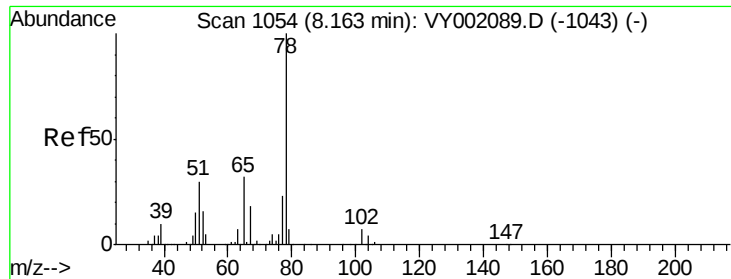
43 100

58 38.6 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VY002105.D (-316) (-)





#33

1,2-Dichloroethane-d4

Concen: 58.329 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002105.D

Acq: 27 Mar 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

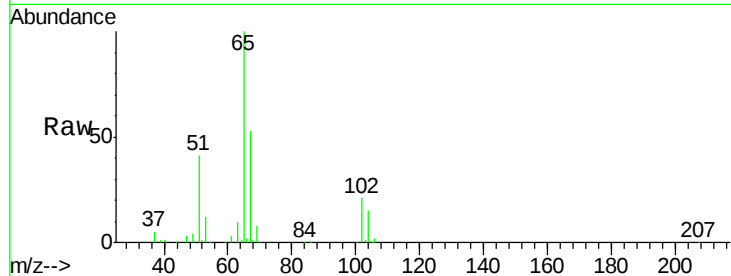
SB-3-(1-3)

Tot Ion: 65 Resp: 78975

Ion Ratio Lower Upper

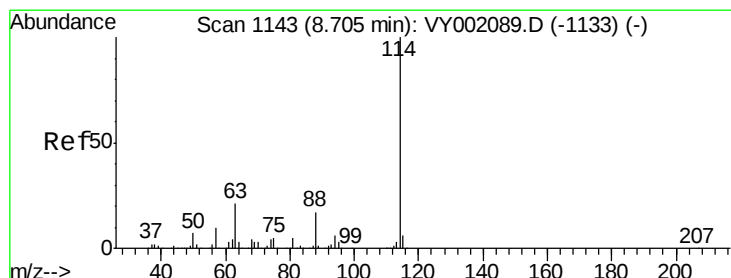
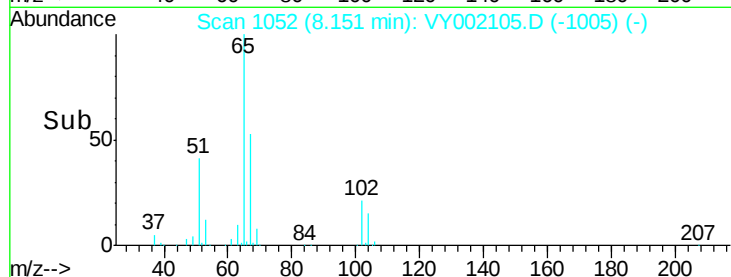
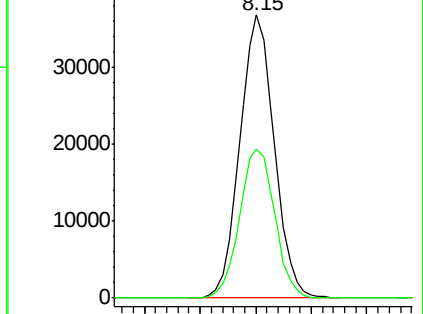
65 100

67 54.0 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY002105.D

Acq: 27 Mar 2020 15:09

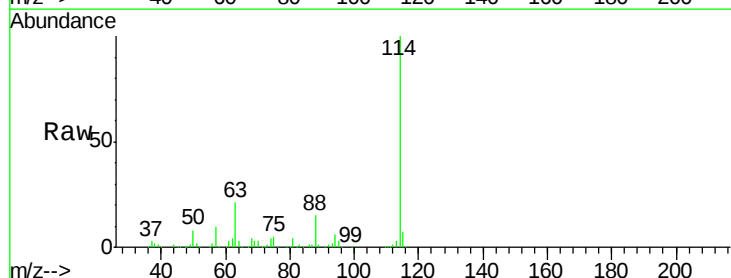
Tgt Ion: 114 Resp: 239716

Ion Ratio Lower Upper

114 100

63 21.4 0.0 41.4

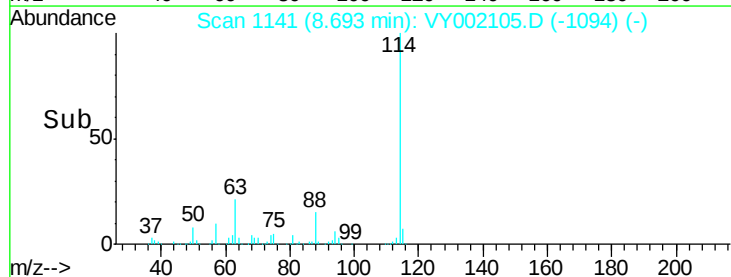
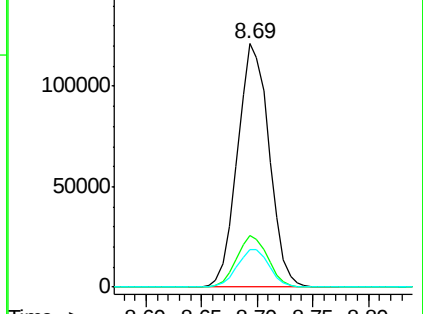
88 15.5 0.0 33.0

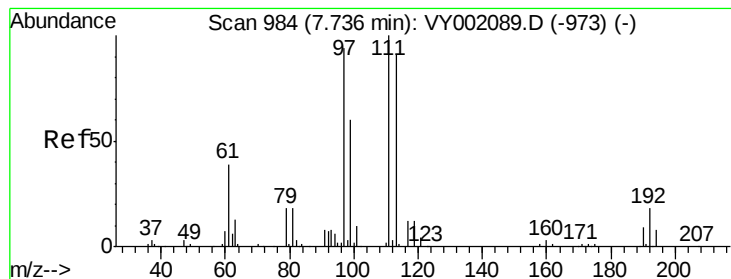


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 52.381 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002105.D

Acq: 27 Mar 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

SB-3-(1-3)

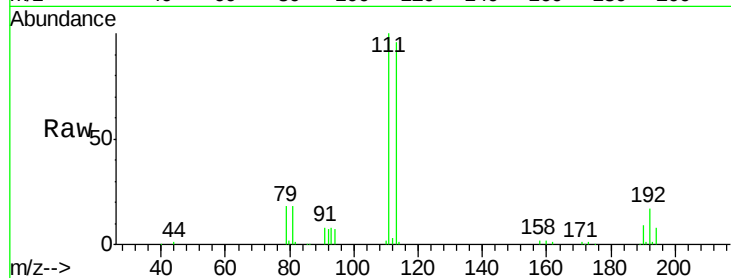
Tot Ion:113 Resp: 70356

Ion Ratio Lower Upper

113 100

111 106.1 84.4 126.6

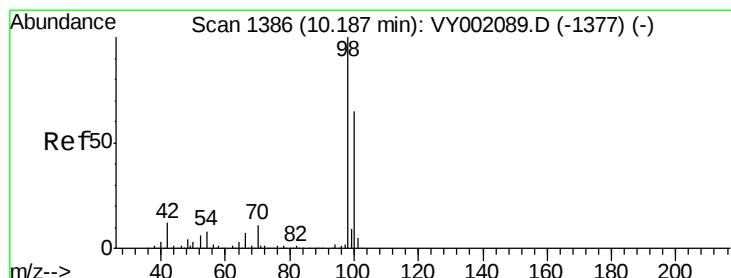
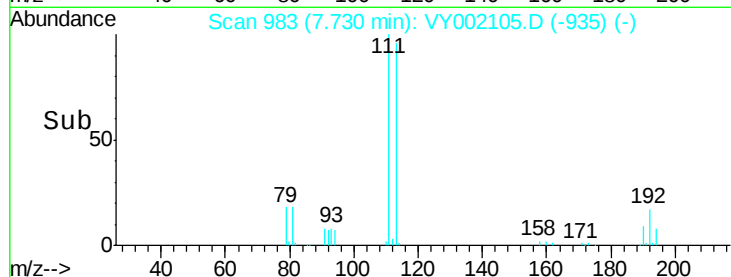
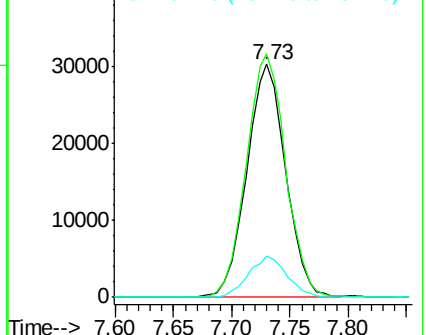
192 17.6 14.6 21.8



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: 52.689 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002105.D

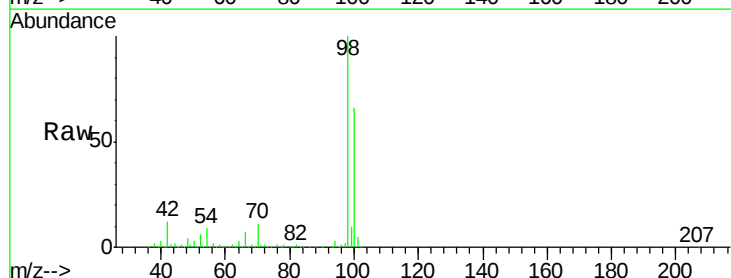
Acq: 27 Mar 2020 15:09

Tgt Ion: 98 Resp: 293998

Ion Ratio Lower Upper

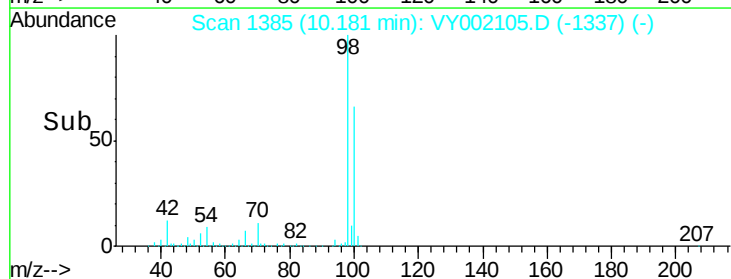
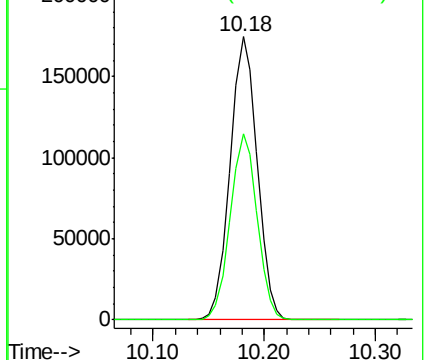
98 100

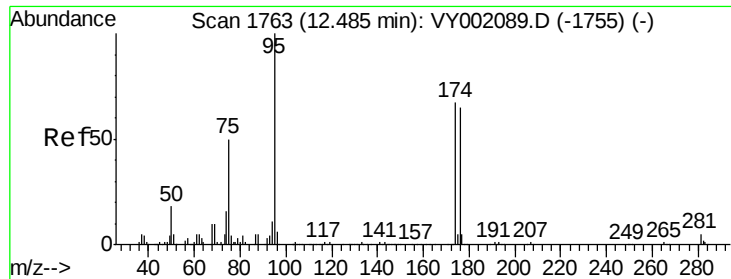
100 65.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

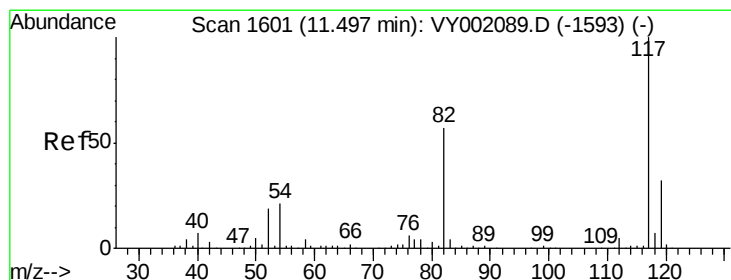
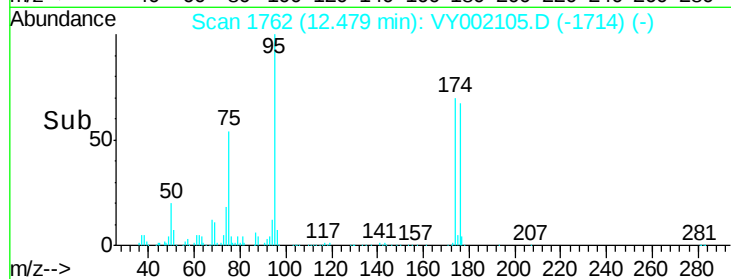
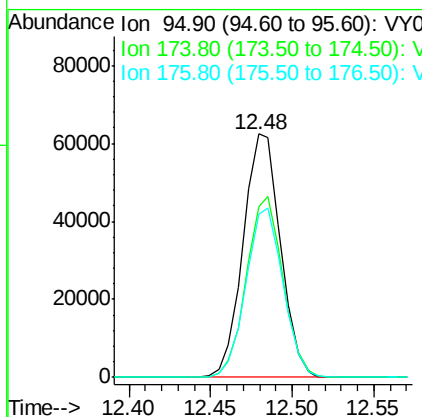
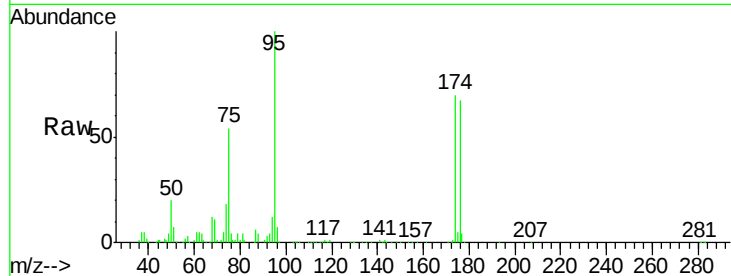




#62
4-Bromofluorobenzene
Concen: 50.918 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY002105.D
Acq: 27 Mar 2020 15:09

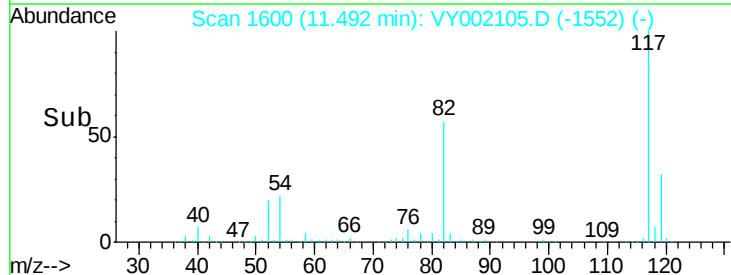
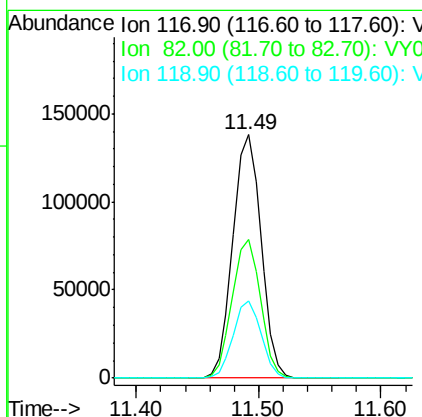
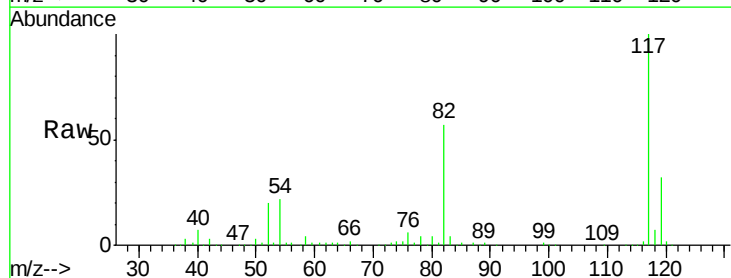
Instrument :
MSVOA_Y
ClientSampleId :
SB-3-(1-3)

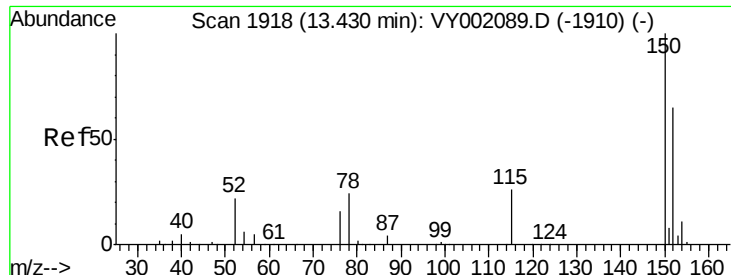
Tot Ion	95	Resp	99364
Ion Ratio	Lower	Upper	
95	100		
174	72.6	0.0	143.4
176	69.0	0.0	137.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002105.D
Acq: 27 Mar 2020 15:09

Tgt Ion	117	Resp	220534
Ion Ratio	Lower	Upper	
117	100		
82	56.9	45.4	68.2
119	31.7	25.3	37.9



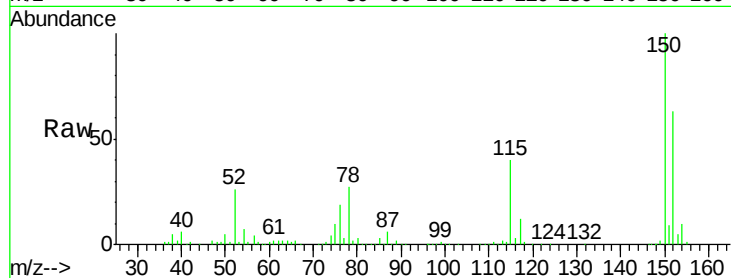


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. -0.01 min
 Lab File: VY002105.D
 Acq: 27 Mar 2020 15:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3-(1-3)

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.9	31.2	93.6
150	156.1	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

