

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040320\
 Data File : VY002214.D
 Acq On : 03 Apr 2020 12:59
 Operator : SY/MD
 Sample : L2135-04
 Misc : 6.91G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2E-(7-9)

Quant Time: Apr 04 00:52:18 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

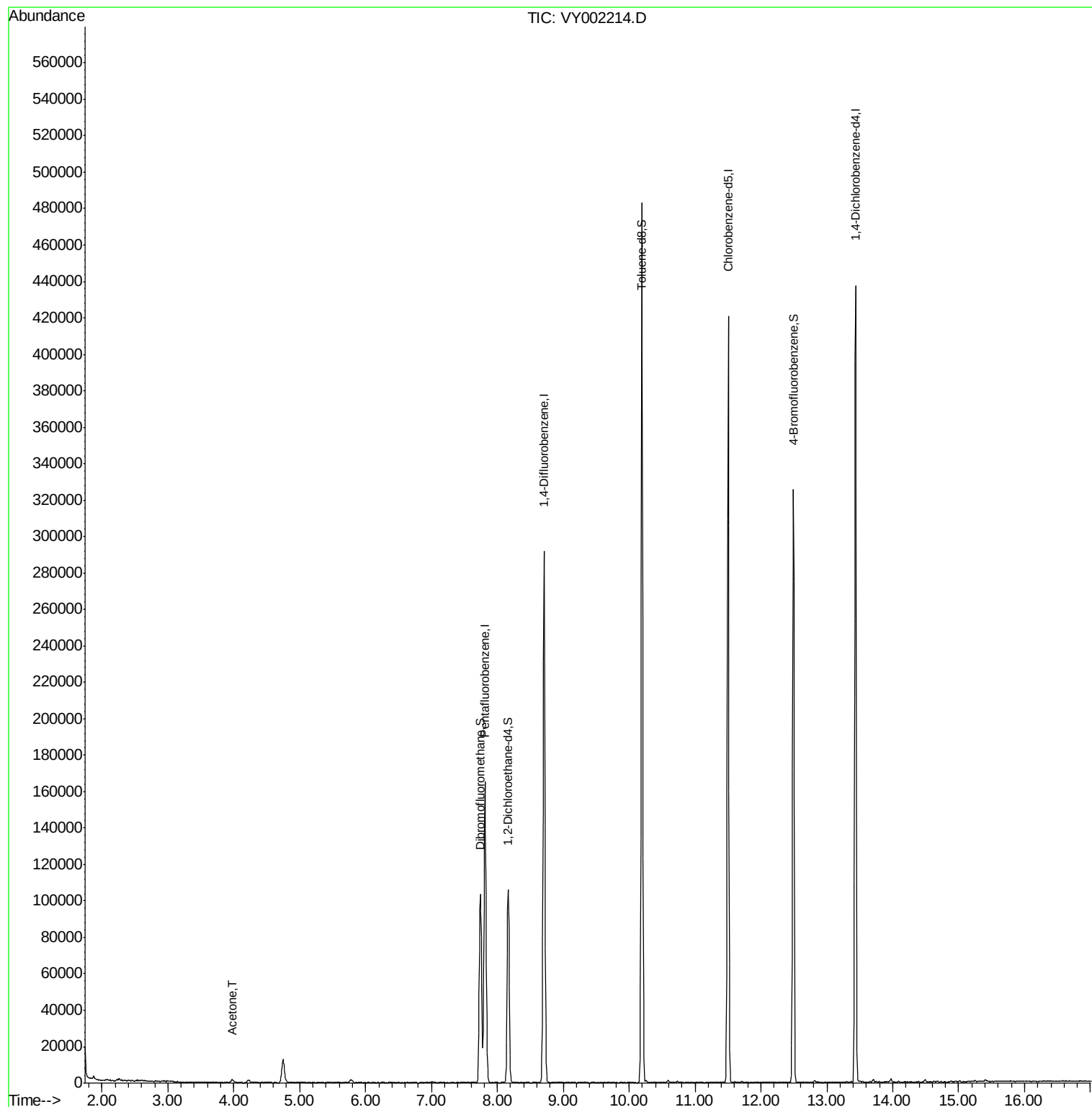
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	123749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	247023	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	233163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	105092	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	79395	58.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.08%	
35) Dibromofluoromethane	7.74	113	73042	52.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.54%	
50) Toluene-d8	10.19	98	305423	53.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.24%	
62) 4-Bromofluorobenzene	12.49	95	107934	53.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.34%	
Target Compounds						
16) Acetone	3.97	43	3346	8.706	ug/l #	Qvalue 85

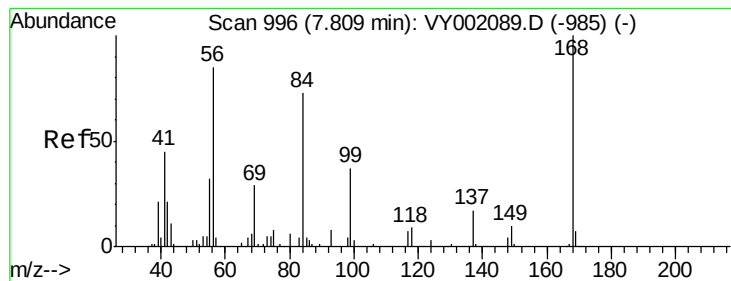
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002214.D

Acq: 03 Apr 2020 12:59

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MSVOA_Y

ClientSampleId :

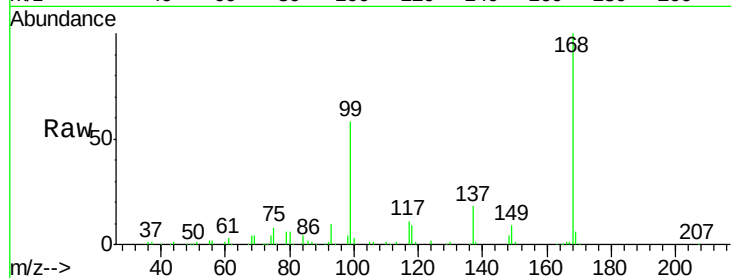
SB-2E-(7-9)

Tot Ion:168 Resp: 123749

Ion Ratio Lower Upper

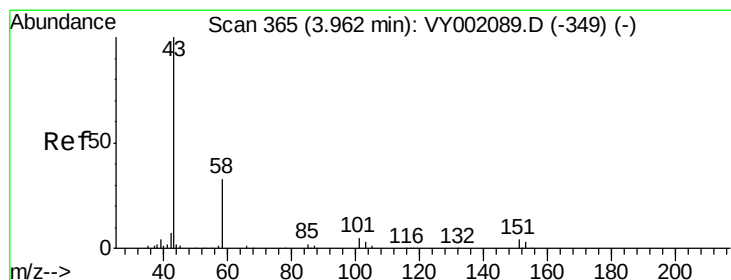
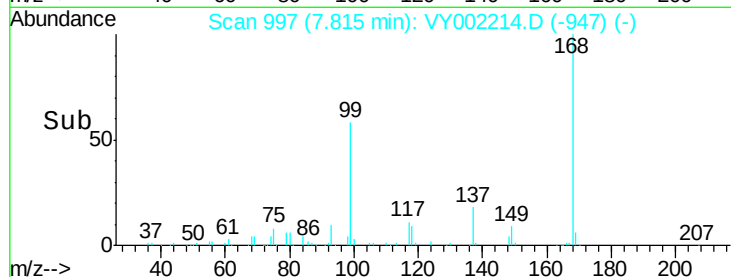
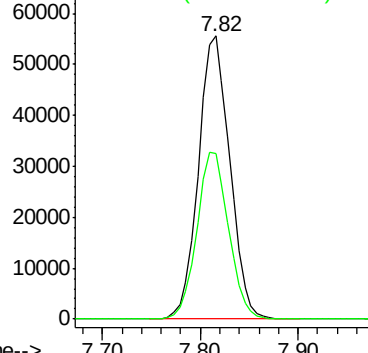
168 100

99 58.3 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002214.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002214.D (-947) (-)



#16

Acetone

Concen: 8.706 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002214.D

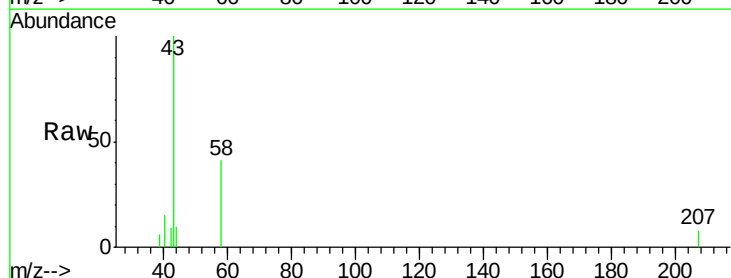
Acq: 03 Apr 2020 12:59

Tgt Ion: 43 Resp: 3346

Ion Ratio Lower Upper

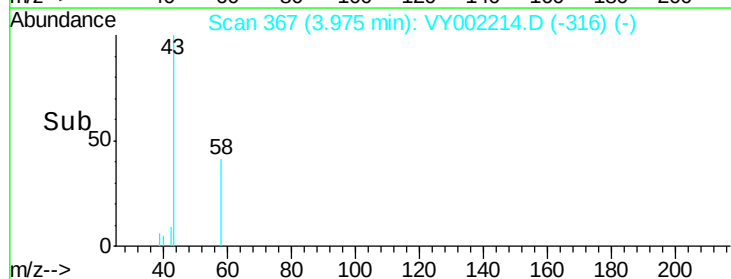
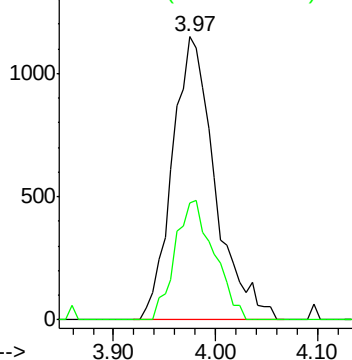
43 100

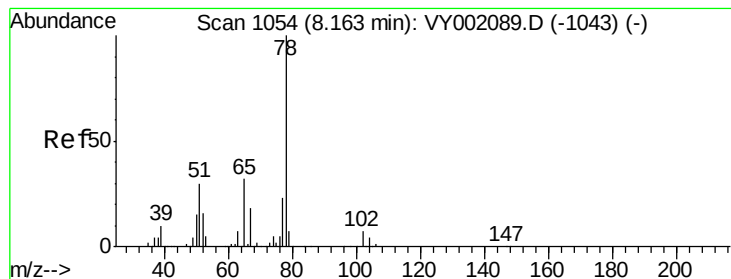
58 41.2 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VY002214.D (-316) (-)

Ion 58.00 (57.70 to 58.70): VY002214.D (-316) (-)





#33

1,2-Dichloroethane-d4

Concen: 58.037 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VY002214.D

Acq: 03 Apr 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

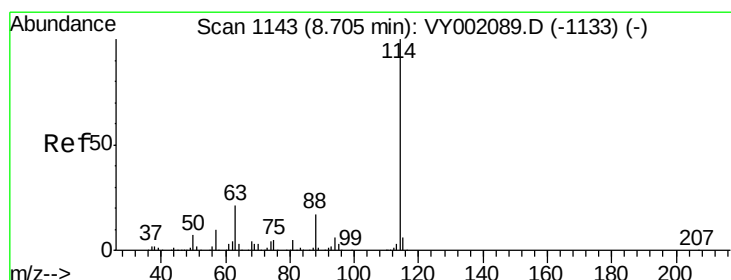
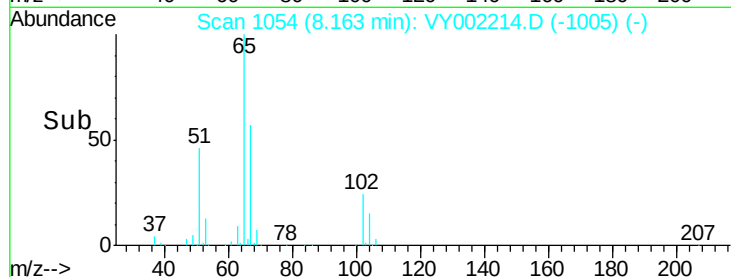
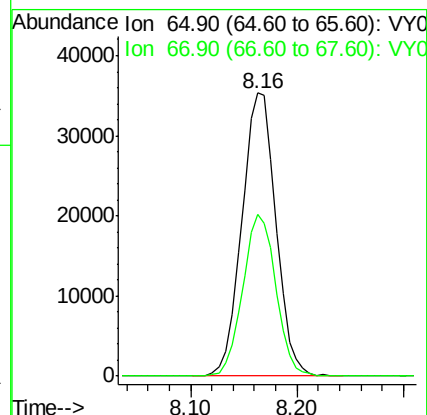
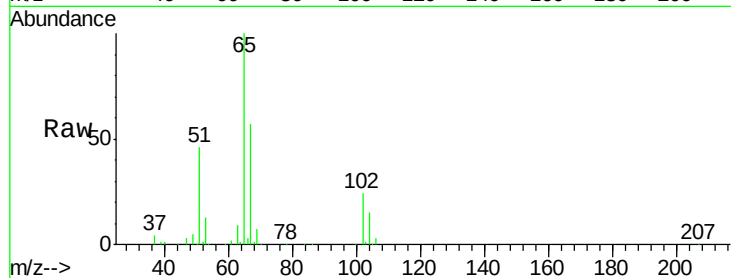
SB-2E-(7-9)

Tot Ion: 65 Resp: 79395

Ion Ratio Lower Upper

65 100

67 55.4 0.0 112.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY002214.D

Acq: 03 Apr 2020 12:59

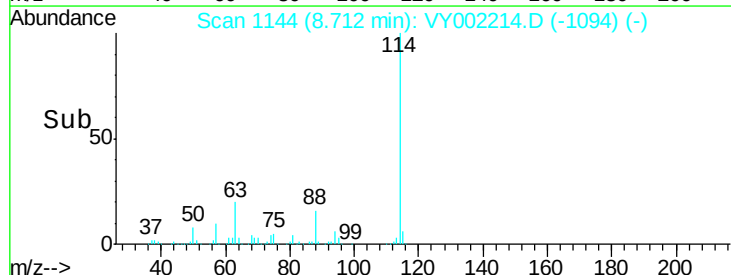
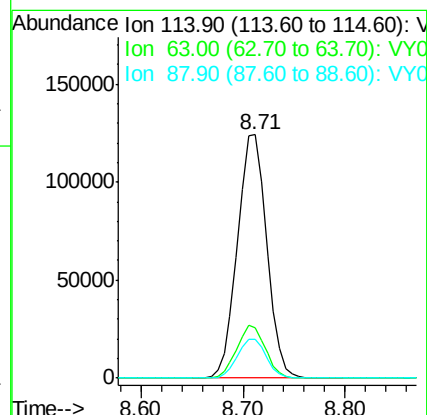
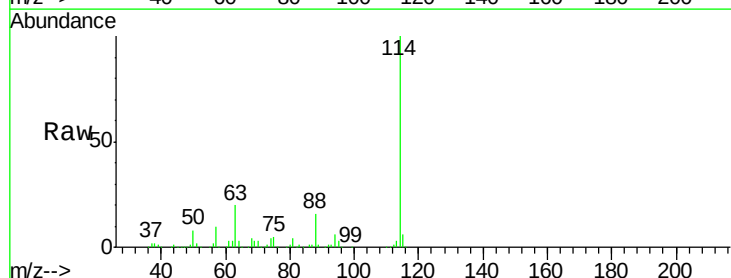
Tgt Ion: 114 Resp: 247023

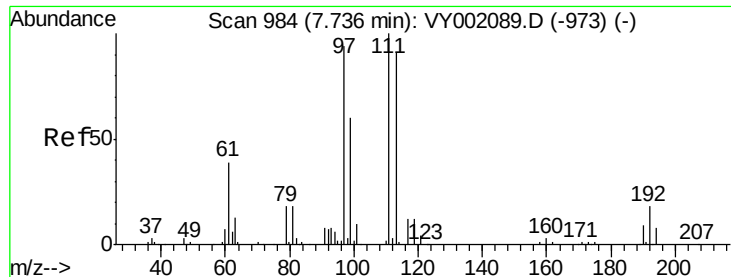
Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

88 15.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 52.772 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002214.D

Acq: 03 Apr 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

SB-2E-(7-9)

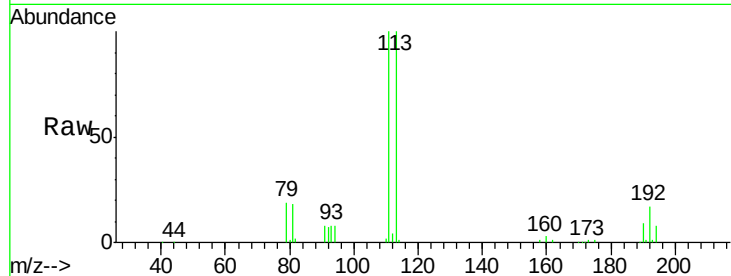
Tot Ion:113 Resp: 73042

Ion Ratio Lower Upper

113 100

111 104.1 84.4 126.6

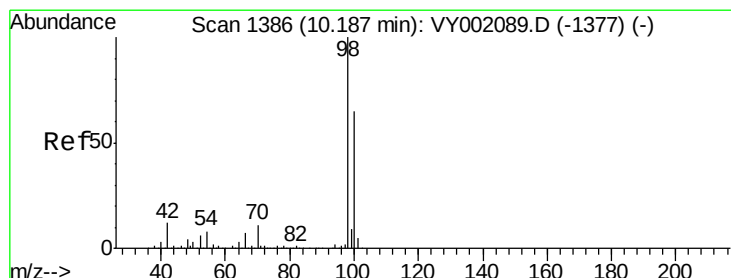
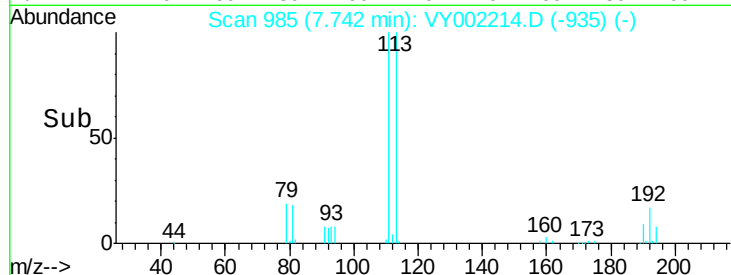
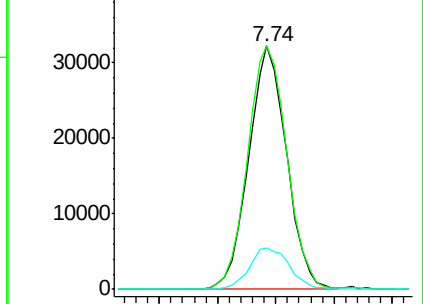
192 18.0 14.6 21.8



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: 53.118 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002214.D

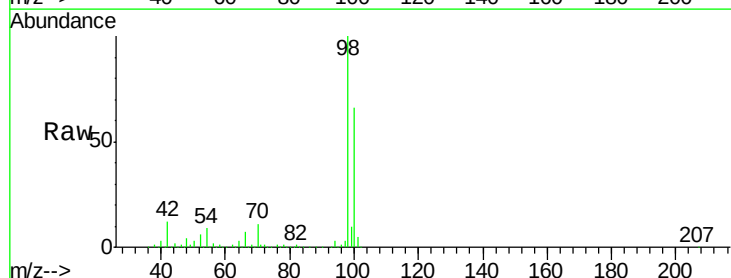
Acq: 03 Apr 2020 12:59

Tgt Ion: 98 Resp: 305423

Ion Ratio Lower Upper

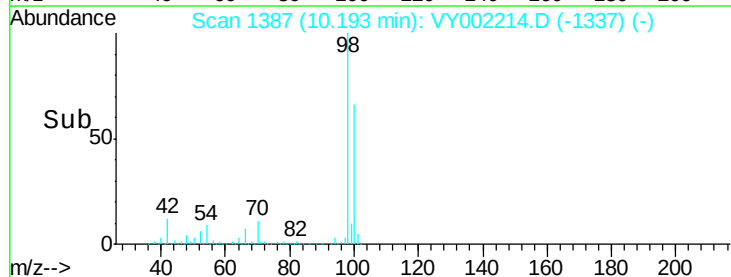
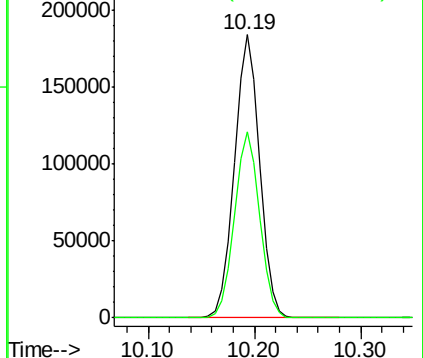
98 100

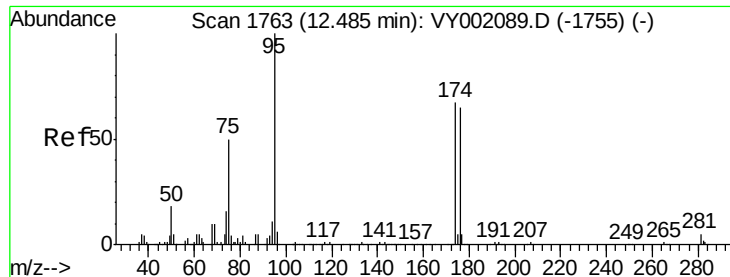
100 65.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

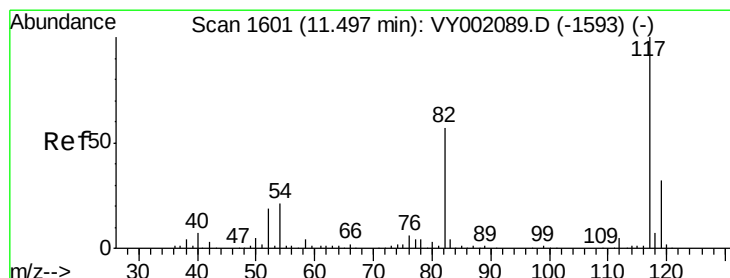
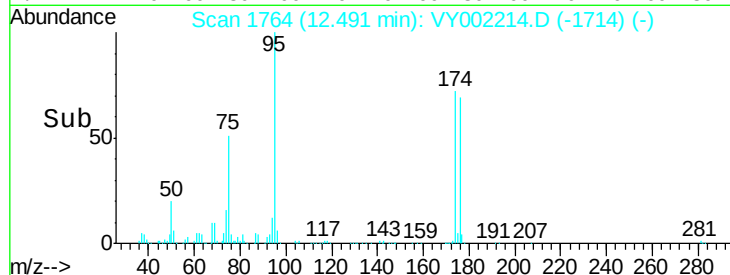
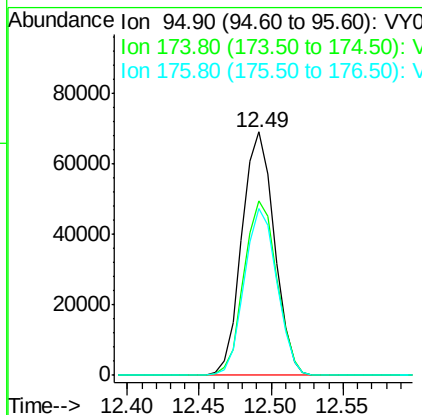
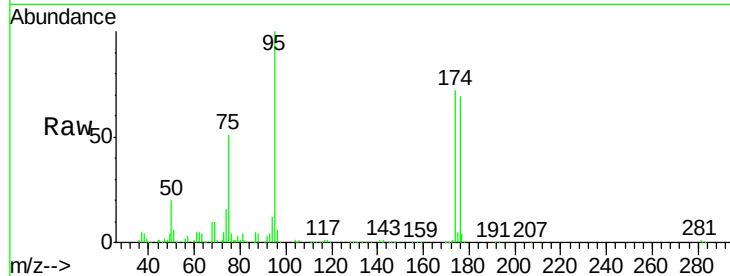




#62
4-Bromofluorobenzene
Concen: 53.673 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY002214.D
Acq: 03 Apr 2020 12:59

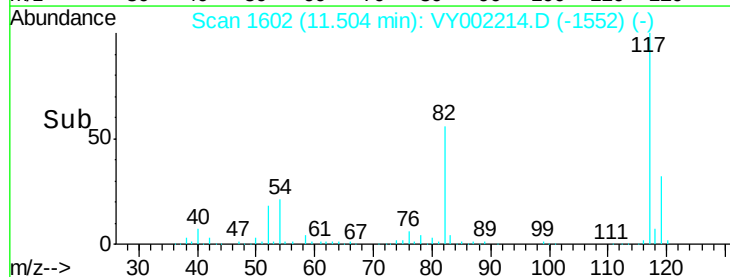
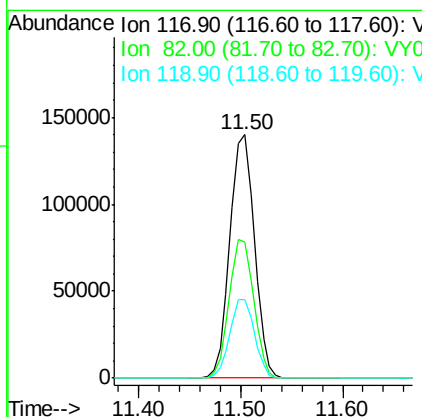
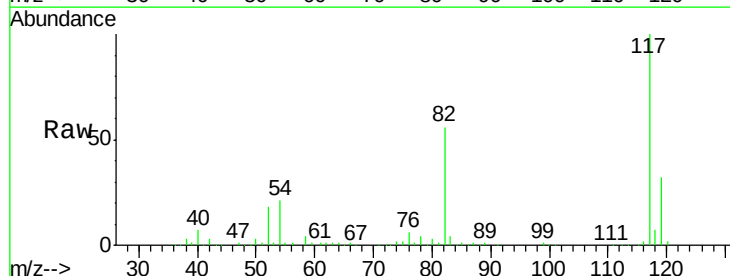
Instrument :
MSVOA_Y
ClientSampleId :
SB-2E-(7-9)

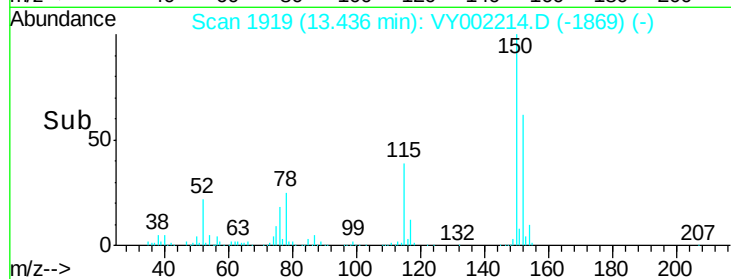
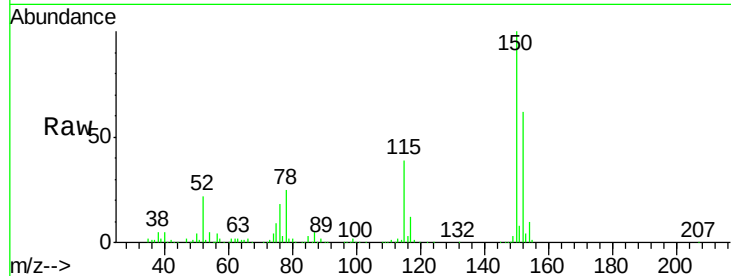
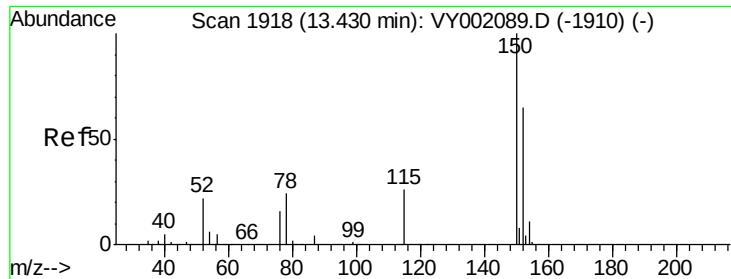
Tot Ion	95	Resp	107934
Ion Ratio	Lower	Upper	
95	100		
174	72.6	0.0	143.4
176	68.4	0.0	137.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002214.D
Acq: 03 Apr 2020 12:59

Tgt Ion	117	Resp	233163
Ion Ratio	Lower	Upper	
117	100		
82	56.1	45.4	68.2
119	32.1	25.3	37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002214.D

Acq: 03 Apr 2020 12:59

Instrument :

MSVOA_Y

ClientSampleId :

SB-2E-(7-9)

Tot Ion:152 Resp: 105092

Ion Ratio Lower Upper

152 100

115 61.7 31.2 93.6

150 158.7 0.0 354.8

