

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030420\
 Data File : VY001857.D
 Acq On : 04 Mar 2020 16:35
 Operator : SY/MD
 Sample : L1775-13
 Misc : 7.76G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CR-3

Quant Time: Mar 05 04:51:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

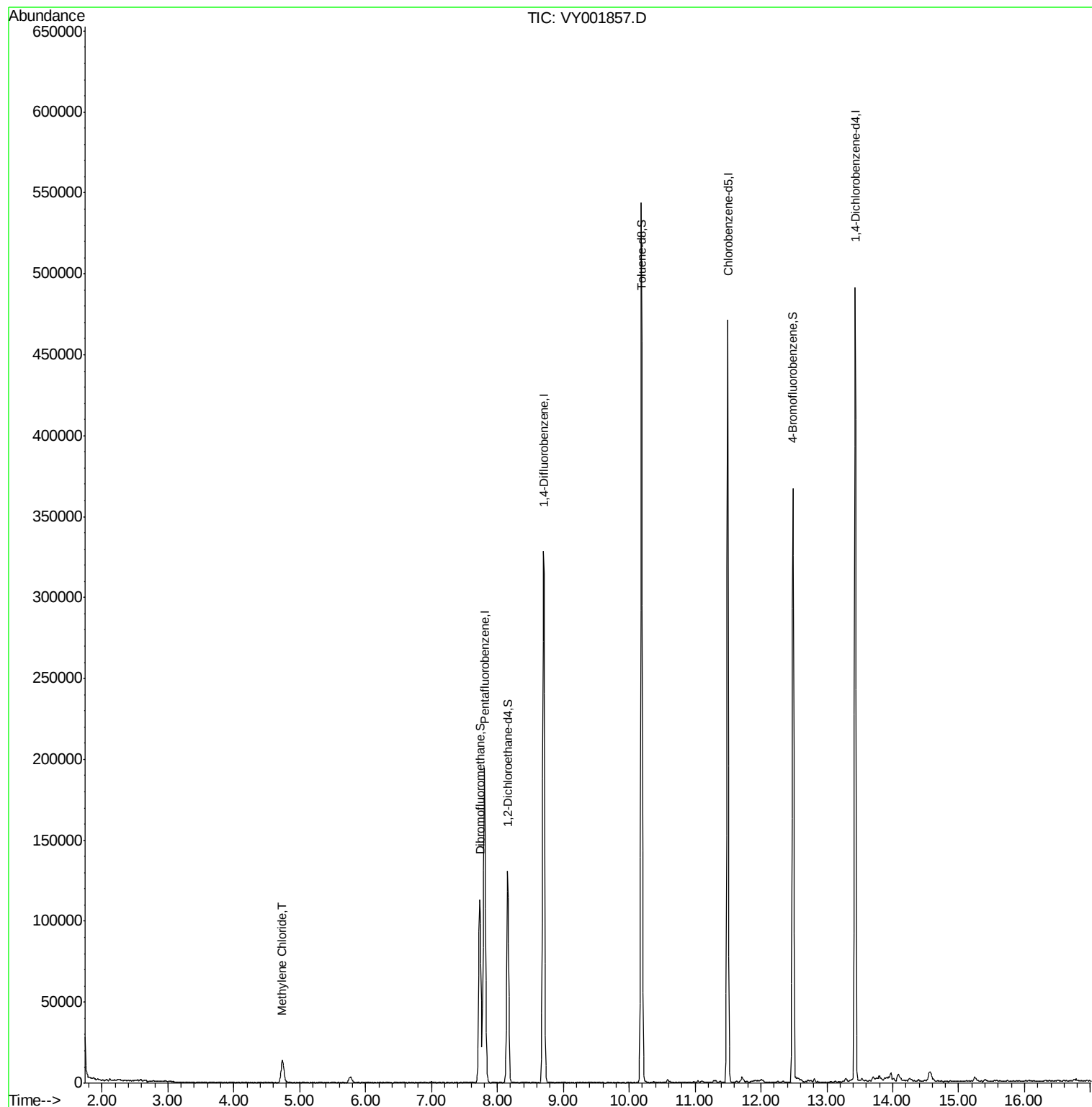
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	147910	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	280088	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.50	117	256582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	116744	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	95066	60.21	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	120.42%	
35) Dibromofluoromethane	7.74	113	82036	53.64	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	107.28%	
50) Toluene-d8	10.19	98	340740	52.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.66%	
62) 4-Bromofluorobenzene	12.49	95	117777	52.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.04%	
Target Compounds						
20) Methylene Chloride	4.74	84	10413	5.283	ug/l	Qvalue 95

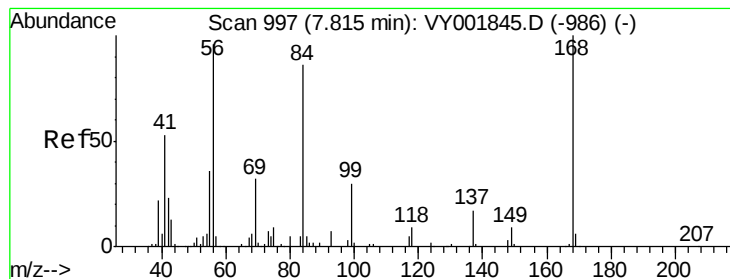
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001857.D

Acq: 04 Mar 2020 16:35

Instrument :

MSVOA_Y

ClientSampled :

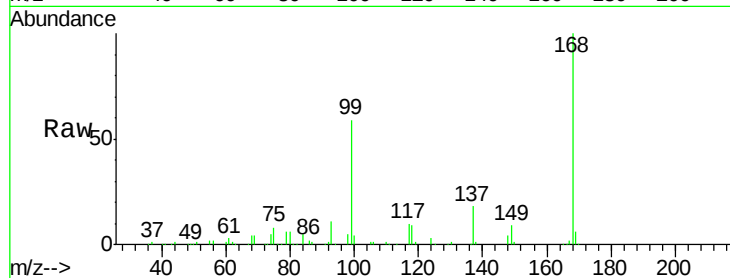
CR-3

Tot Ion:168 Resp: 147910

Ion Ratio Lower Upper

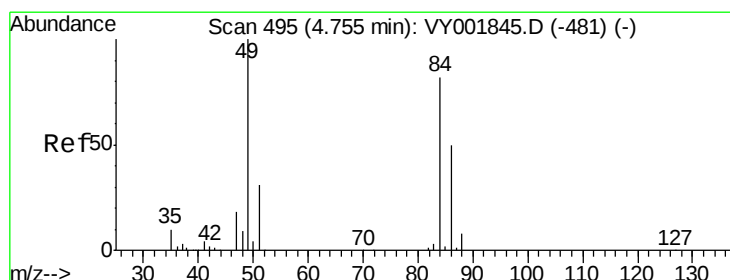
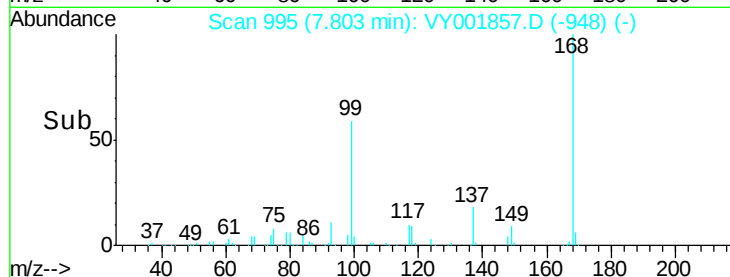
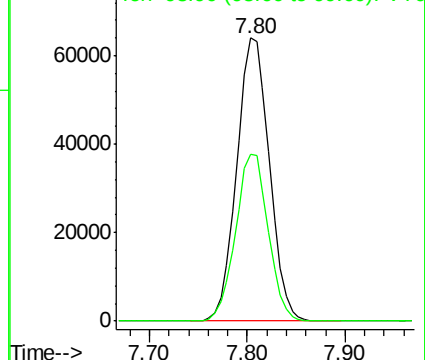
168 100

99 58.8 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0



#20

Methylene Chloride

Concen: 5.283 ug/l

RT: 4.74 min Scan# 493

Delta R.T. -0.01 min

Lab File: VY001857.D

Acq: 04 Mar 2020 16:35

Tgt Ion: 84 Resp: 10413

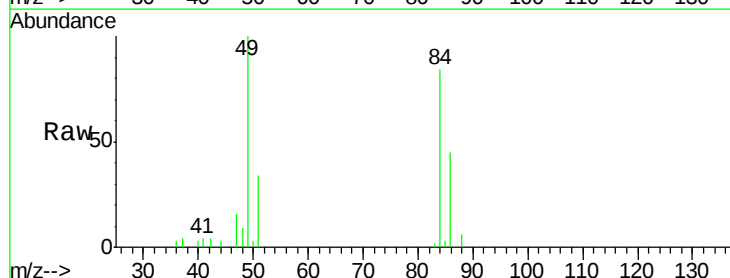
Ion Ratio Lower Upper

84 100

49 119.1 98.2 147.2

51 40.3 30.2 45.2

86 54.1 48.9 73.3

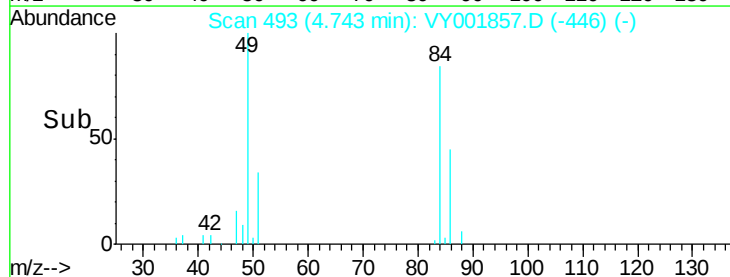
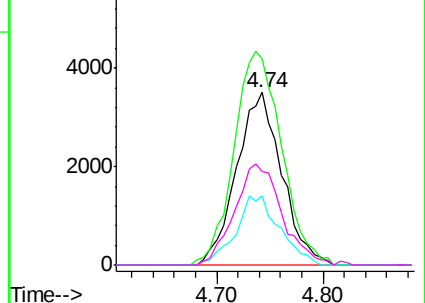


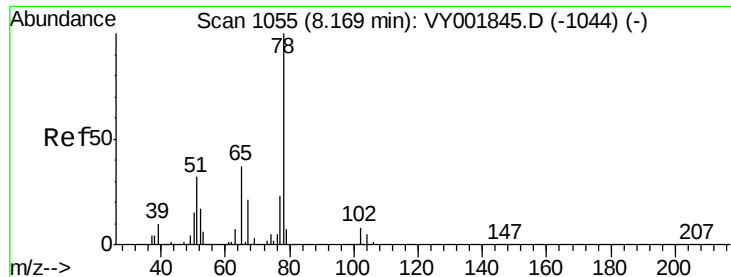
Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0





#33

1,2-Dichloroethane-d4

Concen: 60.205 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY001857.D

Acq: 04 Mar 2020 16:35

Instrument :

MSVOA_Y

ClientSampled :

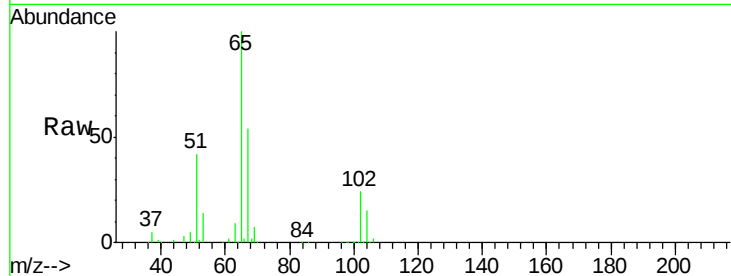
CR-3

Tot Ion: 65 Resp: 95066

Ion Ratio Lower Upper

65 100

67 55.6 0.0 110.8

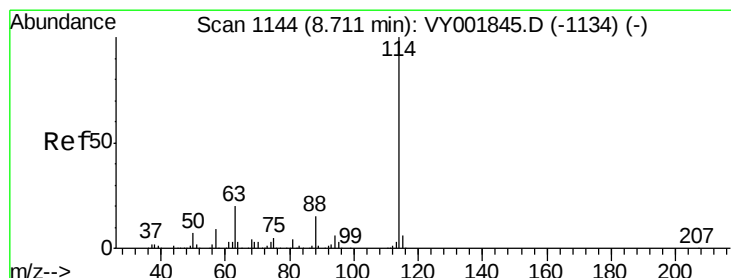
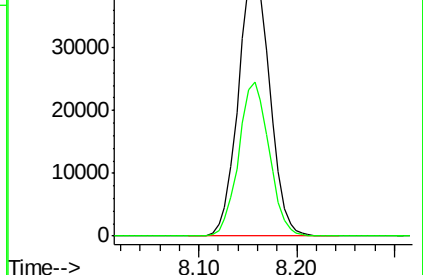
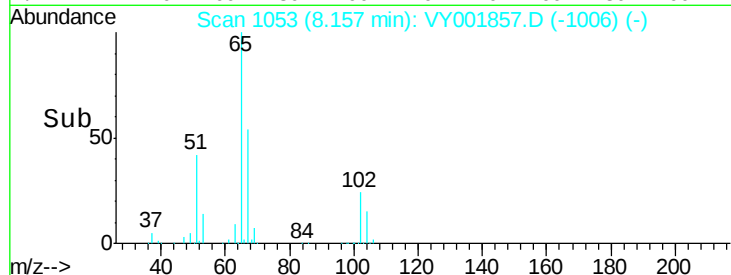


Abundance Ion 64.90 (64.60 to 65.60): VY001845.D (-1044) (-)

Ion 66.90 (66.60 to 67.60): VY001845.D (-1044) (-)

8.16

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY001857.D

Acq: 04 Mar 2020 16:35

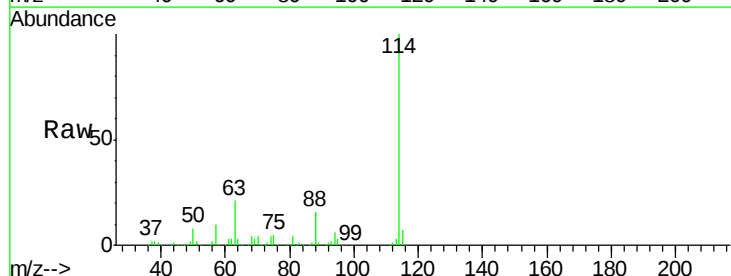
Tgt Ion: 114 Resp: 280088

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.4

88 15.7 0.0 30.4



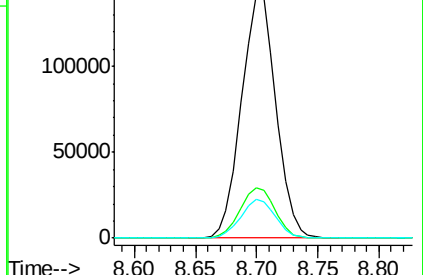
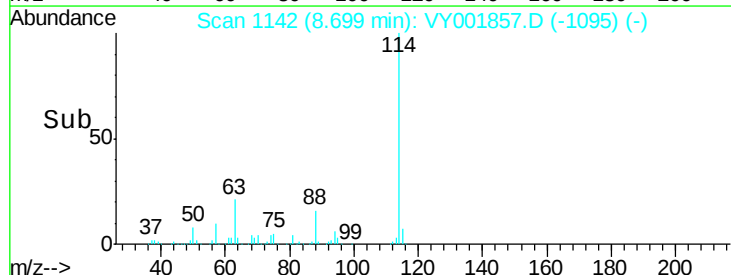
Abundance Ion 113.90 (113.60 to 114.60): VY001845.D (-1134) (-)

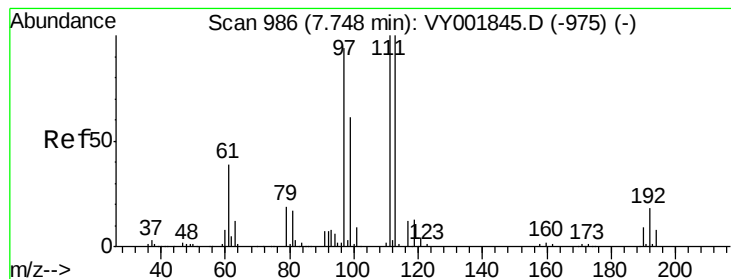
Ion 63.00 (62.70 to 63.70): VY001845.D (-1134) (-)

Ion 87.90 (87.60 to 88.60): VY001845.D (-1134) (-)

8.70

Time-->





#35

Dibromofluoromethane

Concen: 53.639 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY001857.D

Acq: 04 Mar 2020 16:35

Instrument :

MSVOA_Y

ClientSampleId :

CR-3

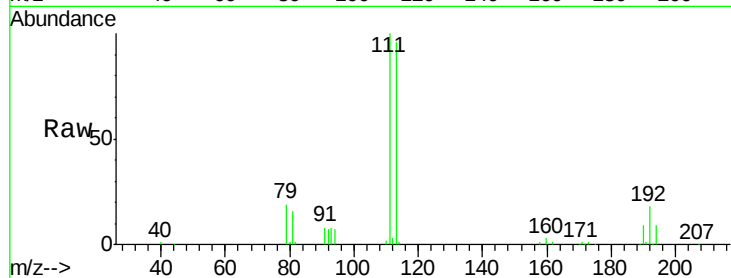
Tot Ion:113 Resp: 82036

Ion Ratio Lower Upper

113 100

111 103.7 81.8 122.8

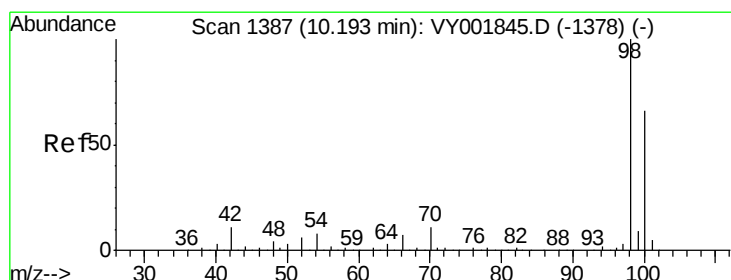
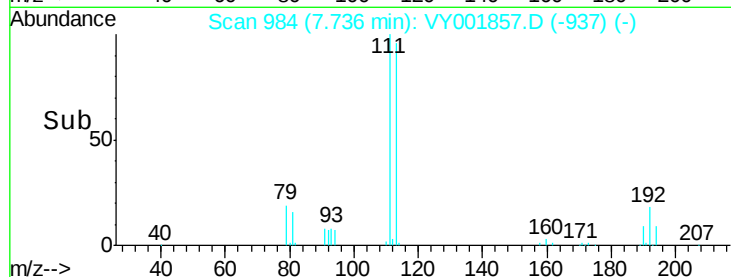
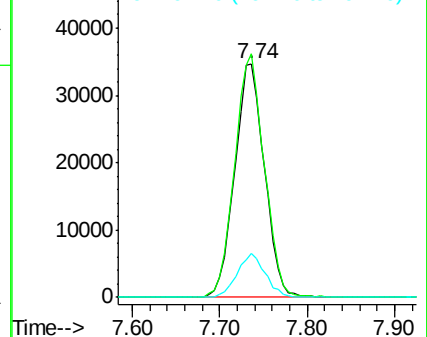
192 17.6 14.2 21.2



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: 52.834 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY001857.D

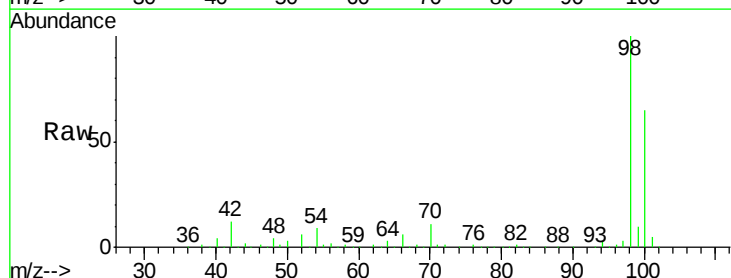
Acq: 04 Mar 2020 16:35

Tgt Ion: 98 Resp: 340740

Ion Ratio Lower Upper

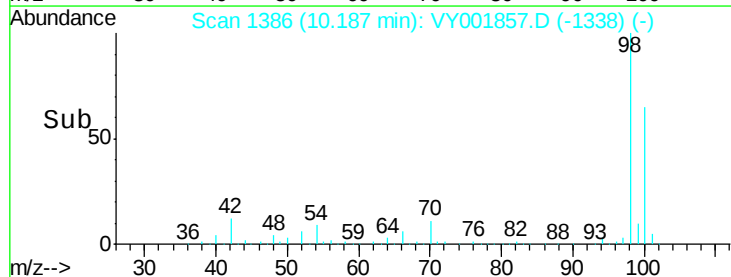
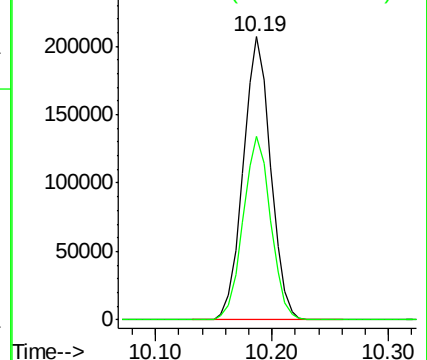
98 100

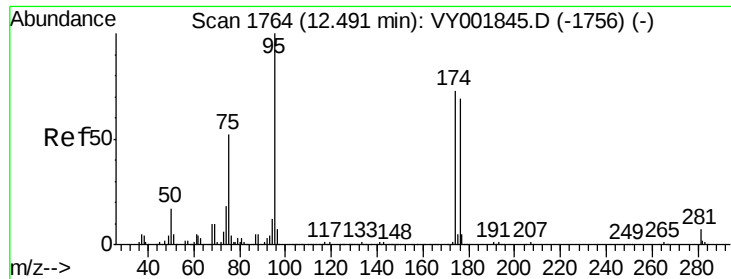
100 65.0 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

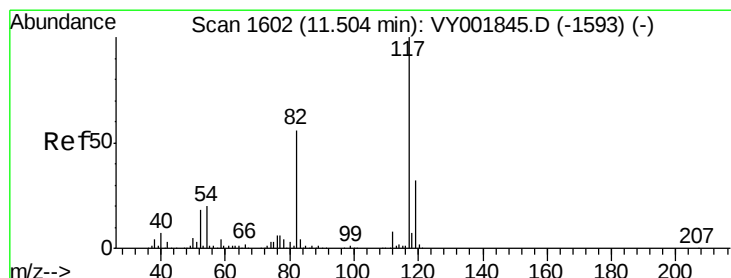
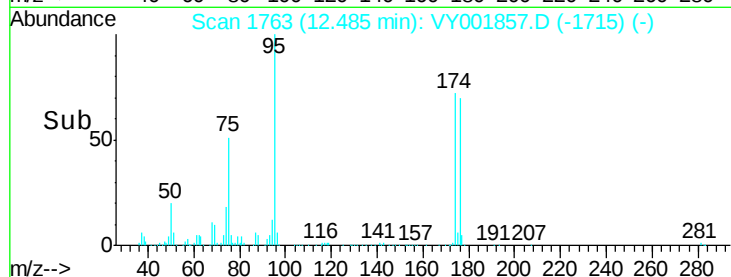
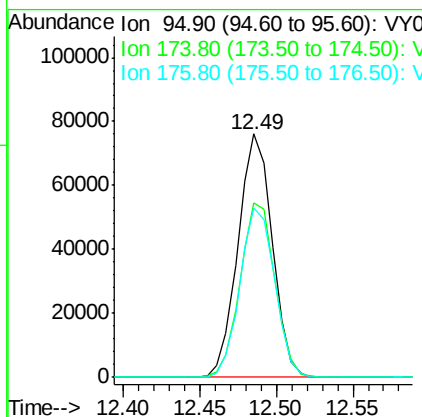
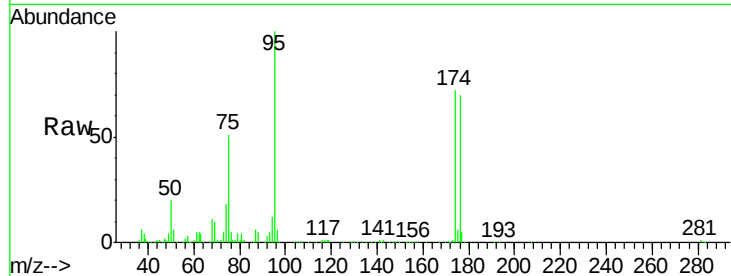




#62
4-Bromofluorobenzene
Concen: 52.521 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY001857.D
Acq: 04 Mar 2020 16:35

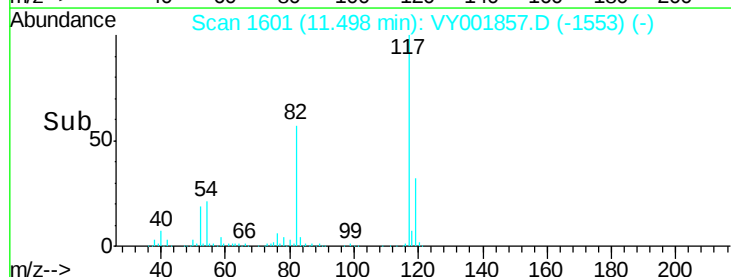
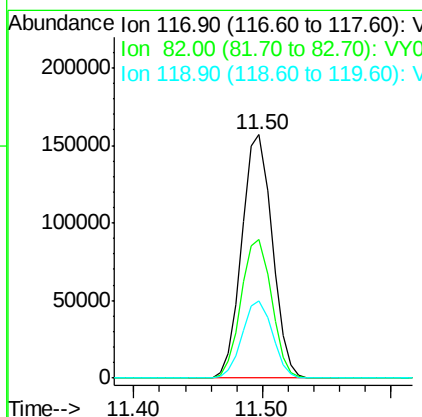
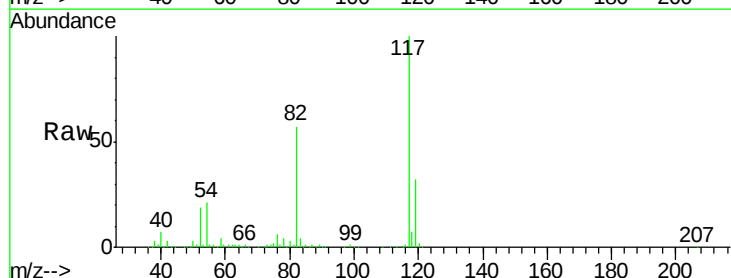
Instrument :
MSVOA_Y
ClientSampleId :
CR-3

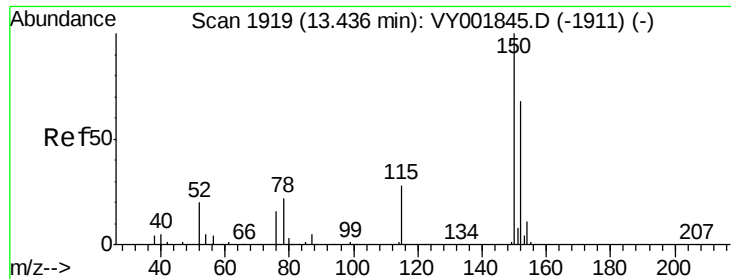
Tot Ion: 95 Resp: 117777
Ion Ratio Lower Upper
95 100
174 73.2 0.0 145.0
176 70.9 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001857.D
Acq: 04 Mar 2020 16:35

Tgt Ion: 117 Resp: 256582
Ion Ratio Lower Upper
117 100
82 56.8 44.5 66.7
119 31.8 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY001857.D

Acq: 04 Mar 2020 16:35

Instrument :

MSVOA_Y

ClientSampleId :

CR-3

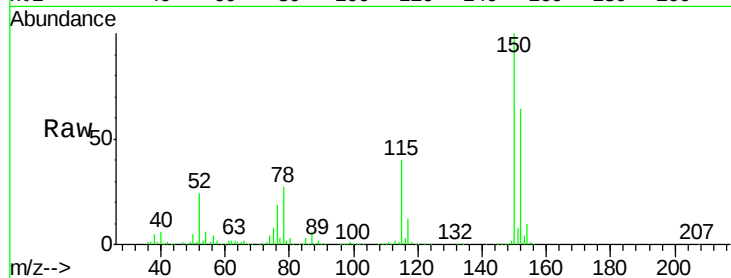
Tot Ion:152 Resp: 116744

Ion Ratio Lower Upper

152 100

115 61.7 29.9 89.7

150 155.6 0.0 340.6



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

