

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030920\
 Data File : VY001911.D
 Acq On : 09 Mar 2020 16:24
 Operator : SY/MD
 Sample : L1852-06
 Misc : 5.49G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2-S2

Quant Time: Mar 10 12:15:19 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

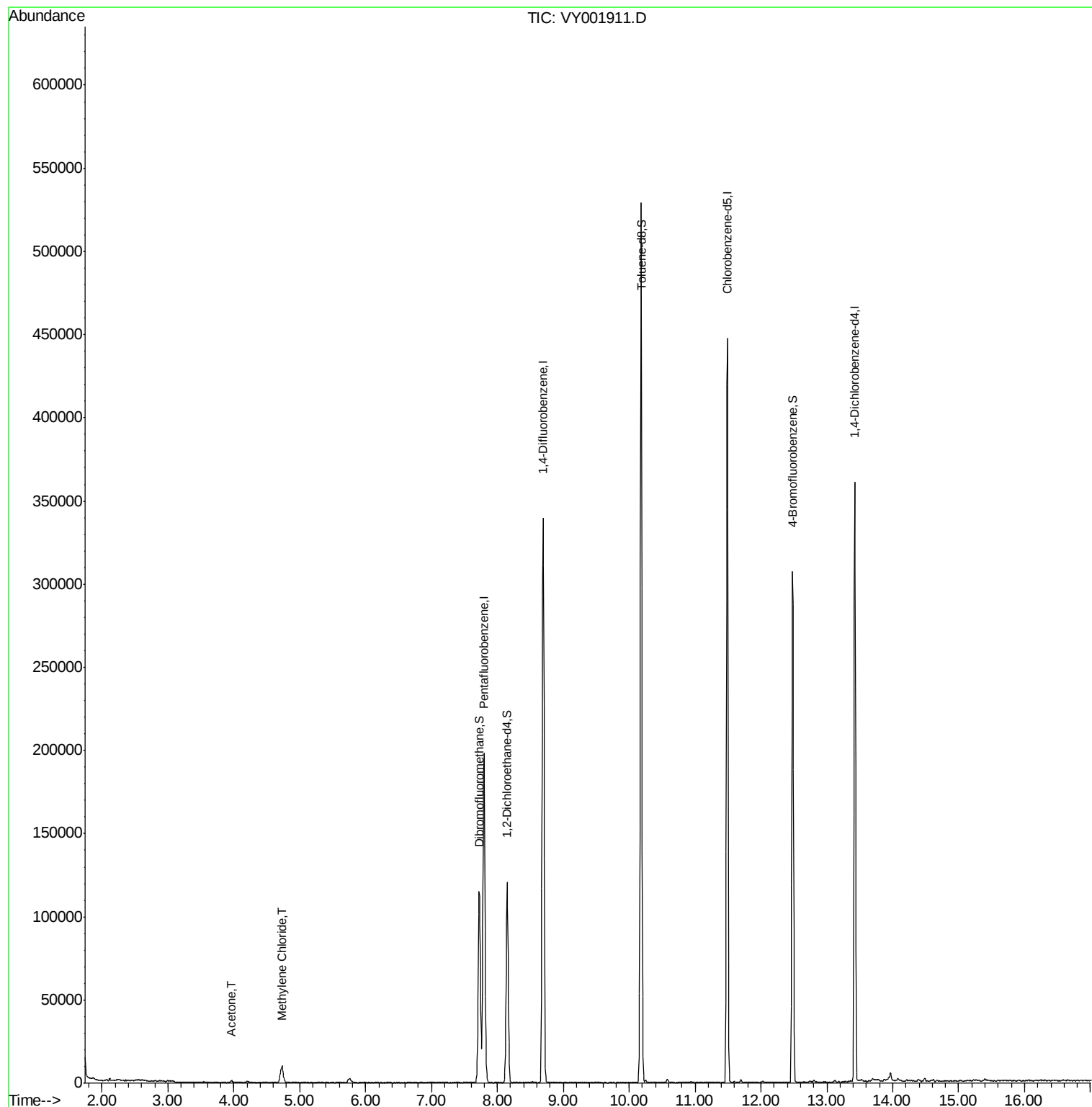
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	148921	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.69	114	287337	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.49	117	240447	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.42	152	85871	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	91960	57.84	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	115.68%	
35) Dibromofluoromethane	7.73	113	83728	53.36	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	106.72%	
50) Toluene-d8	10.18	98	342304	51.74	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	103.48%	
62) 4-Bromofluorobenzene	12.48	95	100078	43.50	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	87.00%	
Target Compounds						
16) Acetone	3.96	43	1975	4.265	ug/l	98
20) Methylene Chloride	4.73	84	7673	3.866	ug/l	97

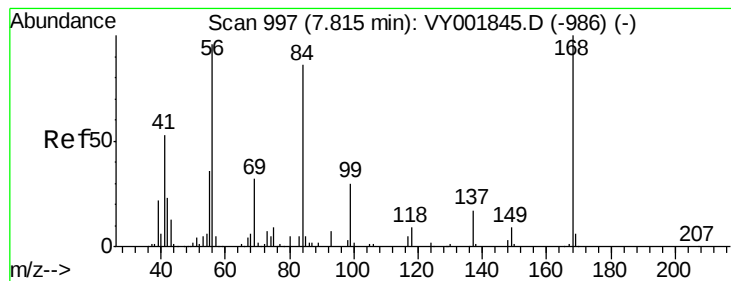
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.02 min

Lab File: VY001911.D

Acq: 09 Mar 2020 16:24

Instrument :

MSVOA_Y

ClientSampleId :

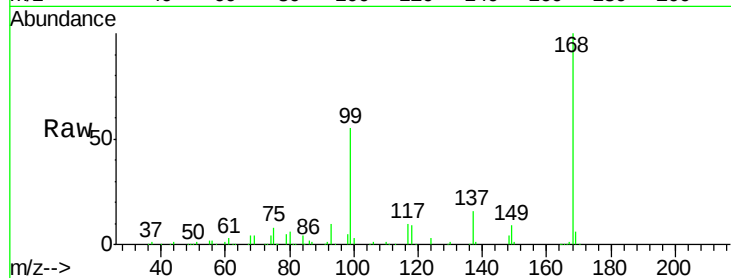
TP-2-S2

Tot Ion:168 Resp: 148921

Ion Ratio Lower Upper

168 100

99 54.9 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)

7.80

60000

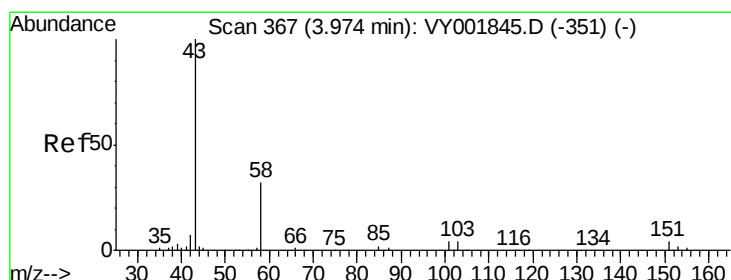
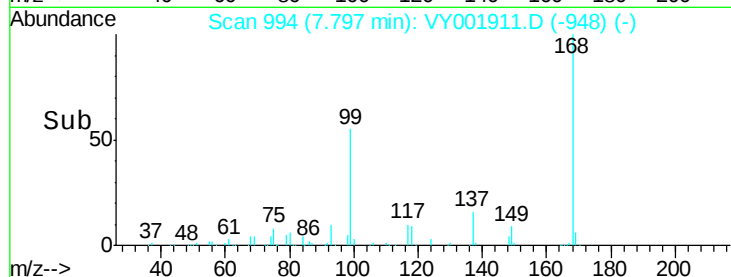
40000

20000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 4.265 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VY001911.D

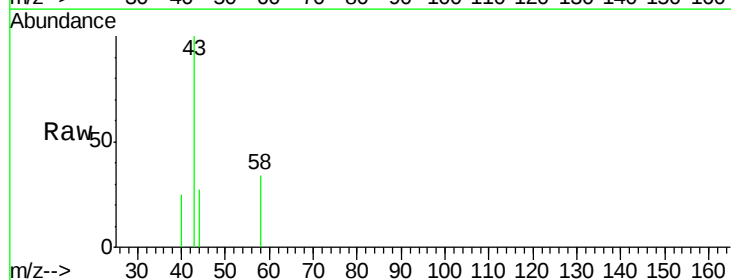
Acq: 09 Mar 2020 16:24

Tgt Ion: 43 Resp: 1975

Ion Ratio Lower Upper

43 100

58 33.7 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-351) (-)

Ion 58.00 (57.70 to 58.70): VY001845.D (-351) (-)

3.96

800

600

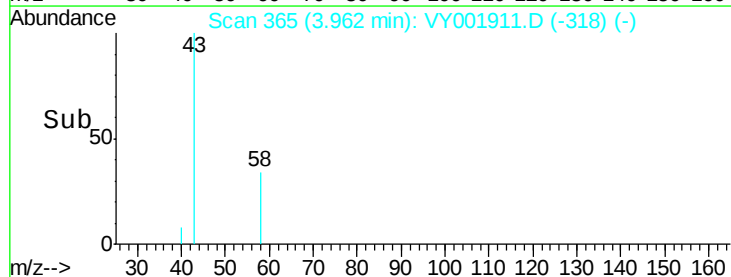
400

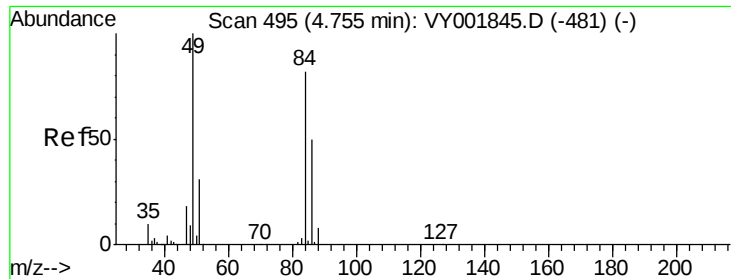
200

0

3.90 3.95 4.00 4.05

Time-->

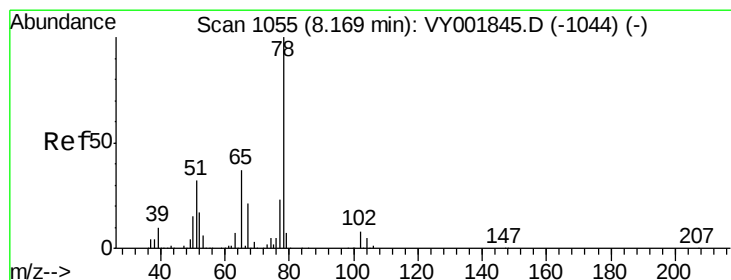
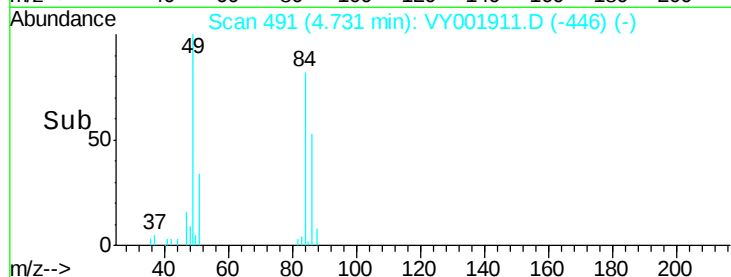
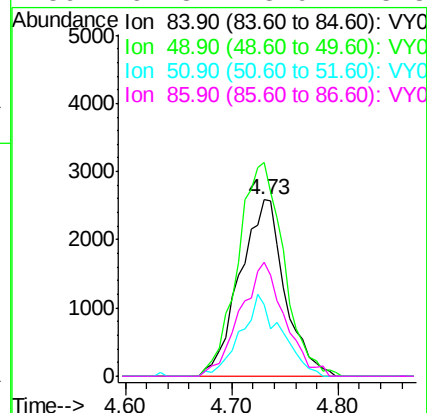
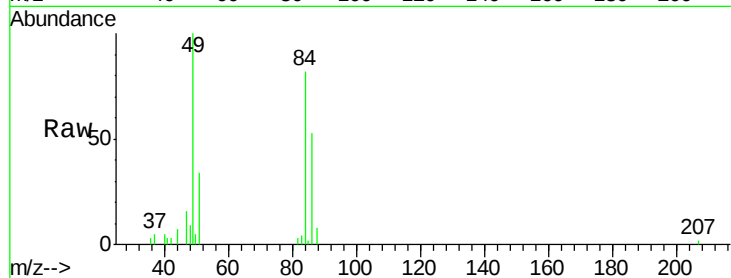




#20
Methvlene Chloride
Concen: 3.866 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.02 min
Lab File: VY001911.D
Acq: 09 Mar 2020 16:24

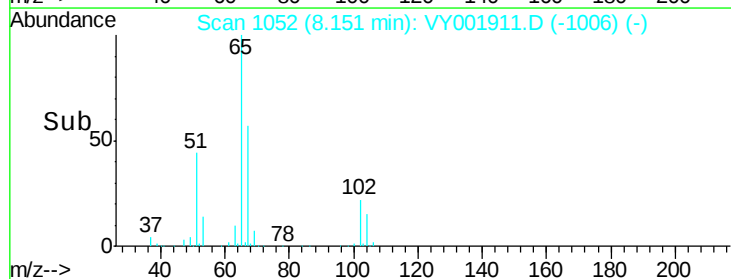
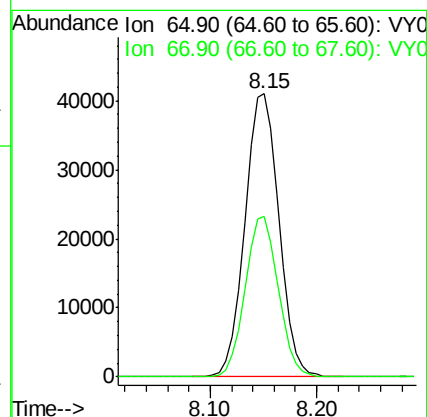
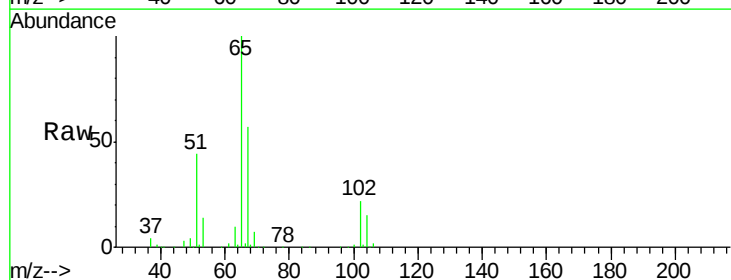
Instrument :
MSVOA_Y
ClientSampleId :
TP-2-S2

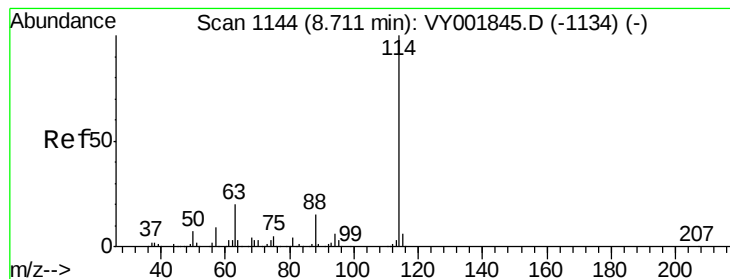
Tot Ion: 84 Resp: 7673
Ion Ratio Lower Upper
84 100
49 121.3 98.2 147.2
51 40.8 30.2 45.2
86 64.8 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 57.843 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.02 min
Lab File: VY001911.D
Acq: 09 Mar 2020 16:24

Tgt Ion: 65 Resp: 91960
Ion Ratio Lower Upper
65 100
67 55.3 0.0 110.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.02 min

Lab File: VY001911.D

Acq: 09 Mar 2020 16:24

Instrument :

MSVOA_Y

ClientSampleId :

TP-2-S2

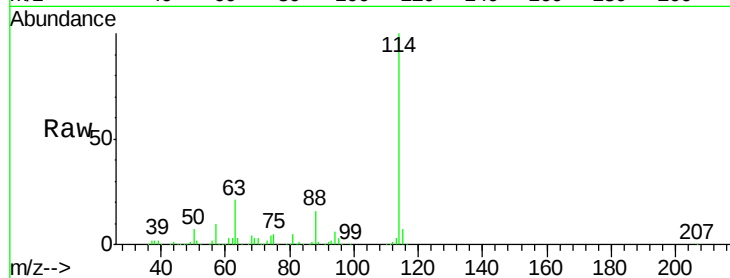
Tot Ion:114 Resp: 287337

Ion Ratio Lower Upper

114 100

63 21.0 0.0 39.4

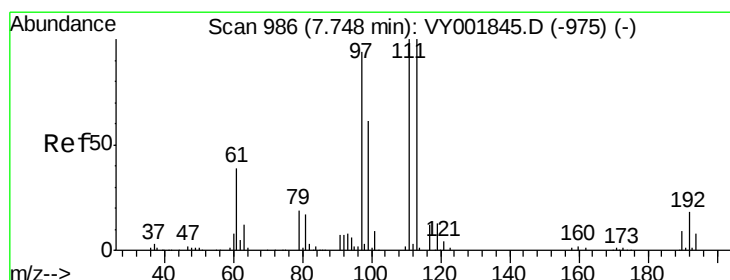
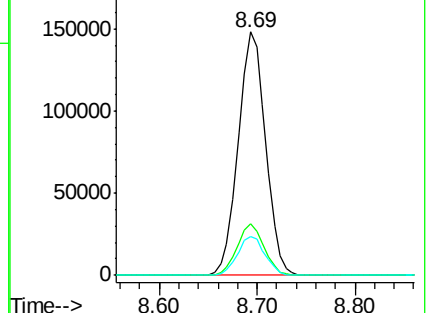
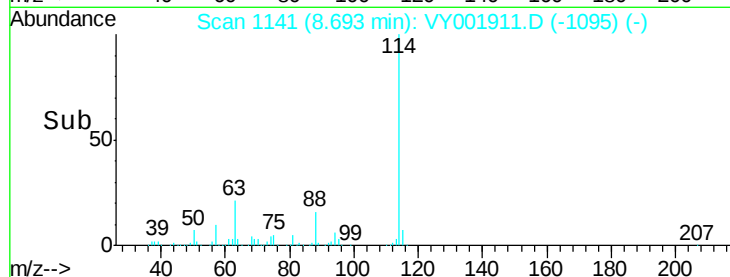
88 15.9 0.0 30.4



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: 53.364 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.02 min

Lab File: VY001911.D

Acq: 09 Mar 2020 16:24

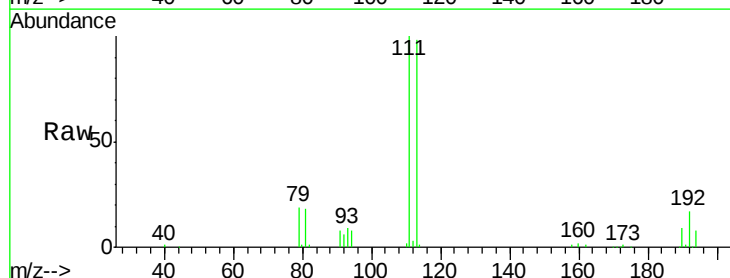
Tgt Ion:113 Resp: 83728

Ion Ratio Lower Upper

113 100

111 103.4 81.8 122.8

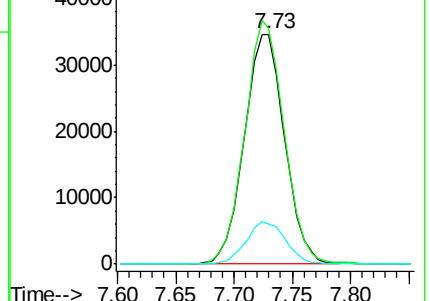
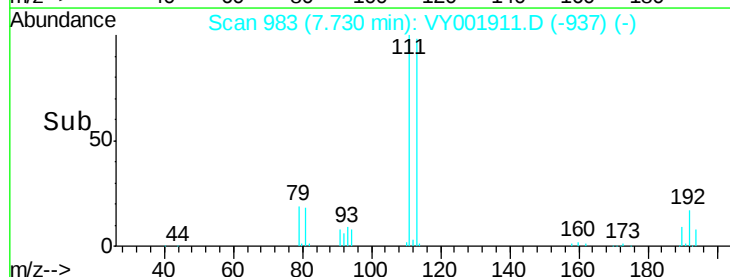
192 18.2 14.2 21.2

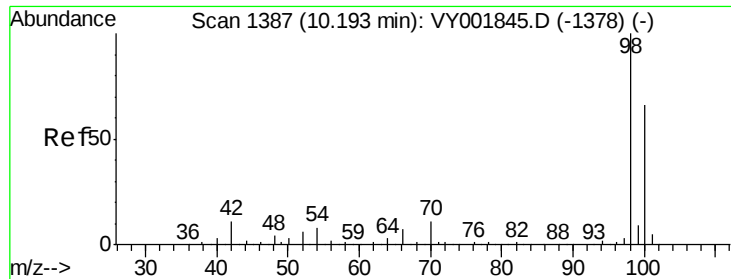


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.738 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY001911.D

Acq: 09 Mar 2020 16:24

Instrument :

MSVOA_Y

ClientSampleId :

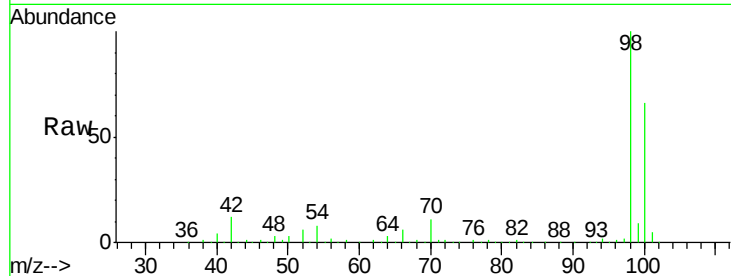
TP-2-S2

Tot Ion: 98 Resp: 342304

Ion Ratio Lower Upper

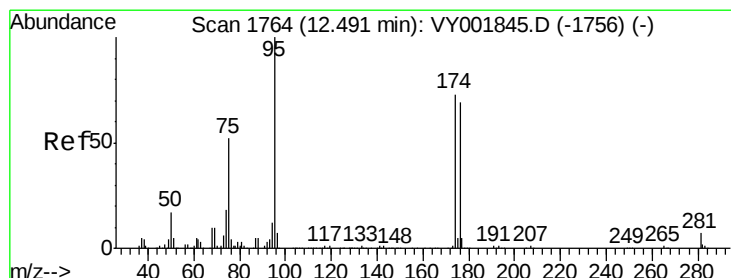
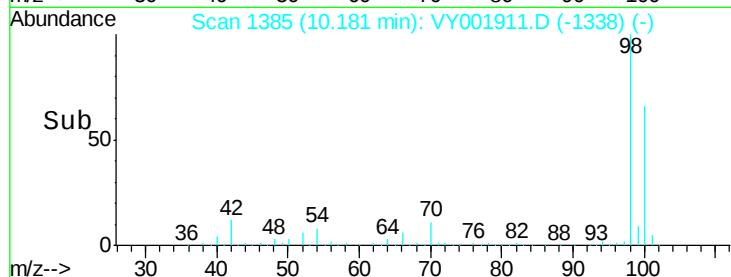
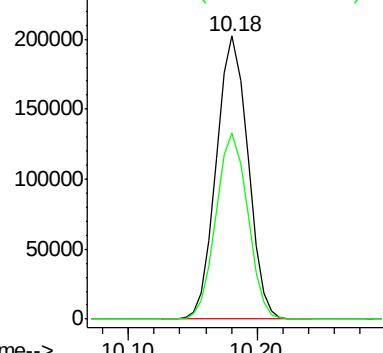
98 100

100 66.0 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#62

4-Bromofluorobenzene

Concen: 43.502 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY001911.D

Acq: 09 Mar 2020 16:24

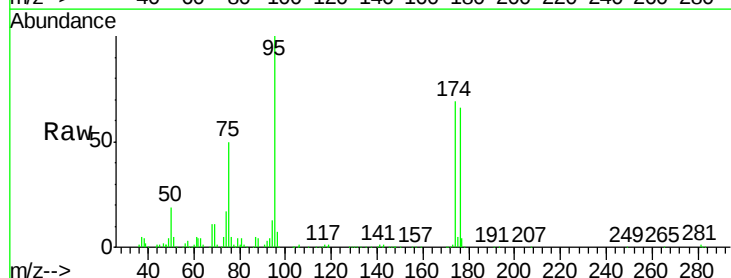
Tgt Ion: 95 Resp: 100078

Ion Ratio Lower Upper

95 100

174 72.6 0.0 145.0

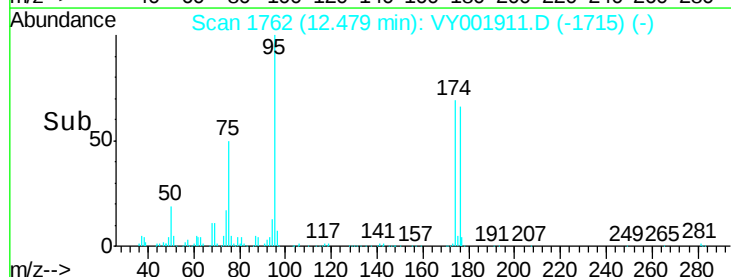
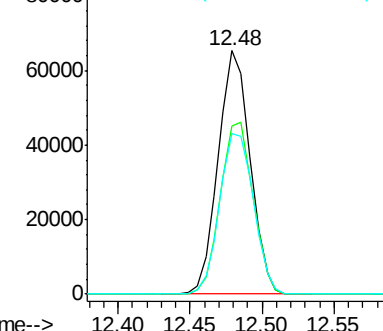
176 70.1 0.0 137.4

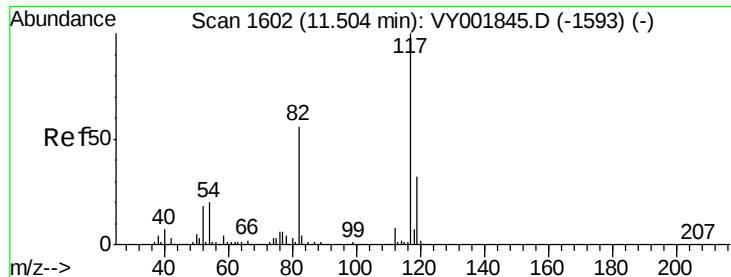


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

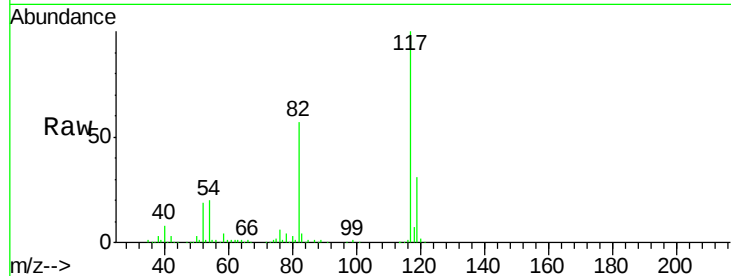




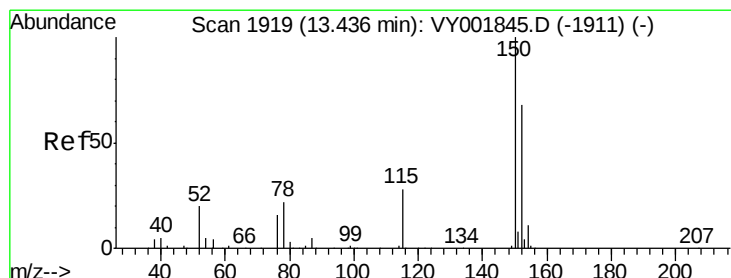
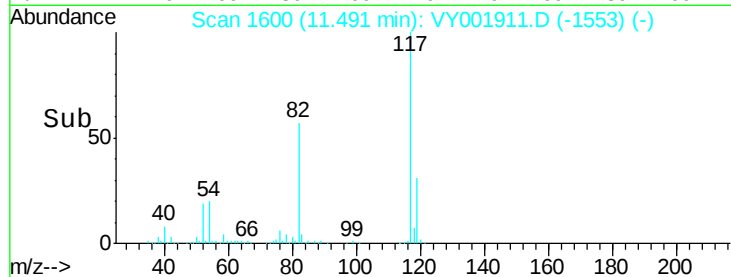
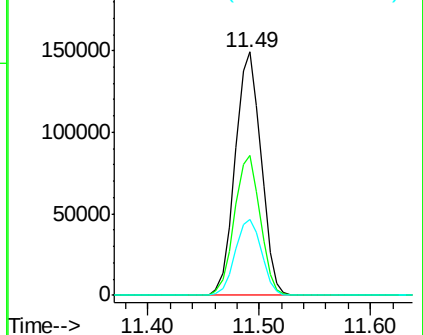
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001911.D
Acq: 09 Mar 2020 16:24

Instrument :
MSVOA_Y
ClientSampleId :
TP-2-S2

Tot Ion:117 Resp: 240447
Ion Ratio Lower Upper
117 100
82 57.2 44.5 66.7
119 31.1 25.7 38.5

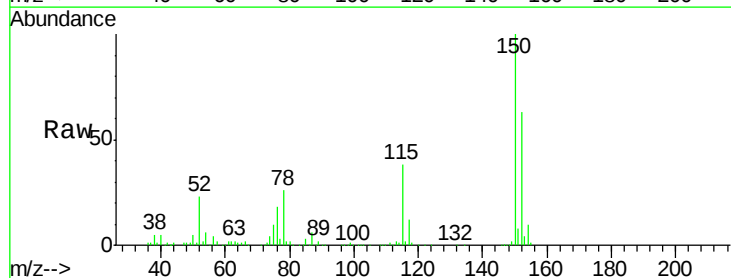


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY001911.D
Acq: 09 Mar 2020 16:24

Tgt Ion:152 Resp: 85871
Ion Ratio Lower Upper
152 100
115 61.9 29.9 89.7
150 159.2 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

