

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072420\
 Data File : VY003343.D
 Acq On : 24 Jul 2020 19:38
 Operator : SY/MD
 Sample : L3436-11
 Misc : 6.53G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 11

Quant Time: Jul 25 02:51:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

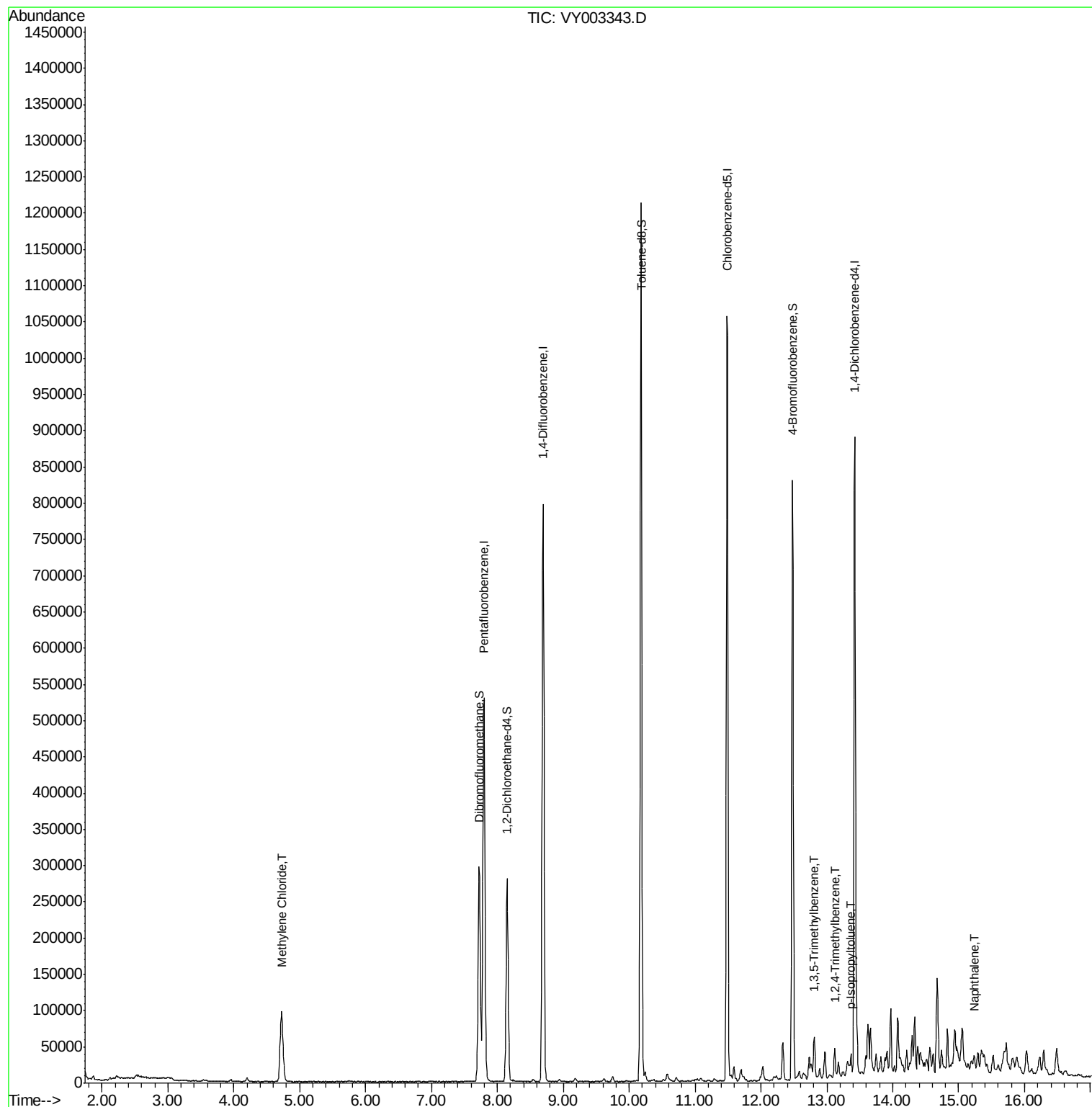
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	440429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	682486	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	593844	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	229489	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	220737	59.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.76%	
35) Dibromofluoromethane	7.72	113	211854	53.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.88%	
50) Toluene-d8	10.18	98	805768	55.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.36%	
62) 4-Bromofluorobenzene	12.48	95	236958	44.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.84%	
Target Compounds						
20) Methylene Chloride	4.72	84	76298	14.344	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	24926	2.045	ug/l	96
84) 1,2,4-Trimethylbenzene	13.12	105	21636	1.764	ug/l	97
86) p-Isopropyltoluene	13.36	119	15358	1.113	ug/l	94
95) Naphthalene	15.23	128	14617	2.010	ug/l #	92

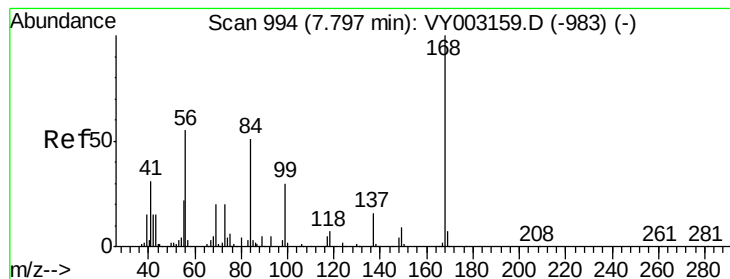
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003343.D

Acq: 24 Jul 2020 19:38

Instrument :

MSVOA_Y

ClientSampleId :

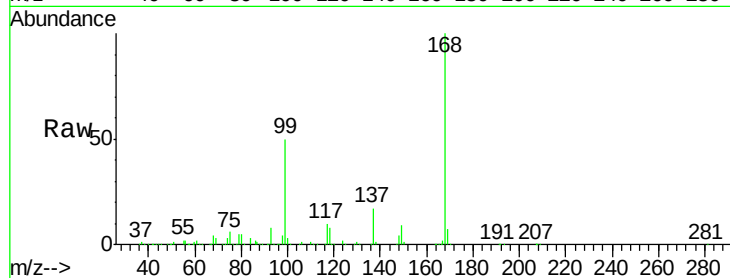
11

Tot Ion:168 Resp: 440429

Ion Ratio Lower Upper

168 100

99 50.3 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003343.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003343.D (-945) (-)

7.80

200000

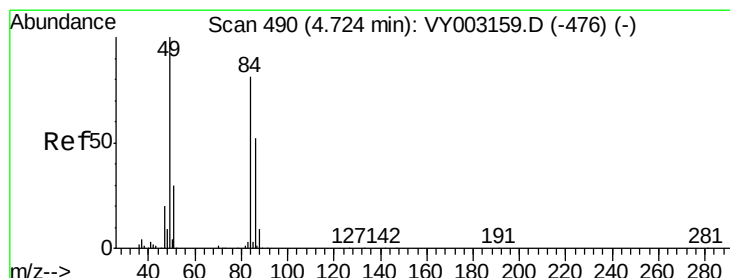
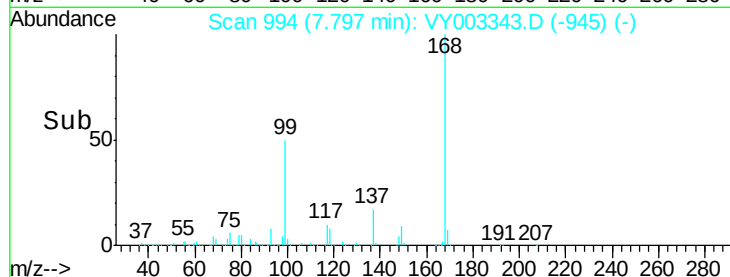
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 14.344 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003343.D

Acq: 24 Jul 2020 19:38

Tgt Ion: 84 Resp: 76298

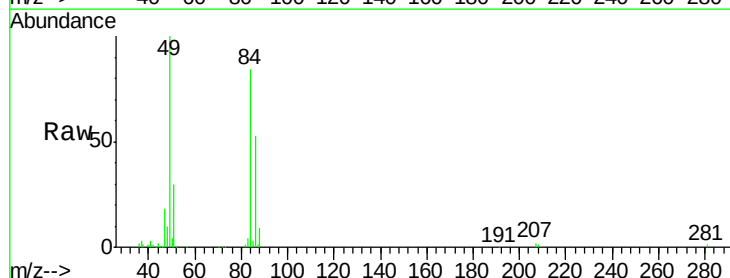
Ion Ratio Lower Upper

84 100

49 119.4 98.2 147.4

51 35.7 29.8 44.6

86 62.7 51.2 76.8



Abundance Ion 83.90 (83.60 to 84.60): VY003343.D (-441) (-)

Ion 48.90 (48.60 to 49.60): VY003343.D (-441) (-)

Ion 50.90 (50.60 to 51.60): VY003343.D (-441) (-)

Ion 85.90 (85.60 to 86.60): VY003343.D (-441) (-)

4.72

40000

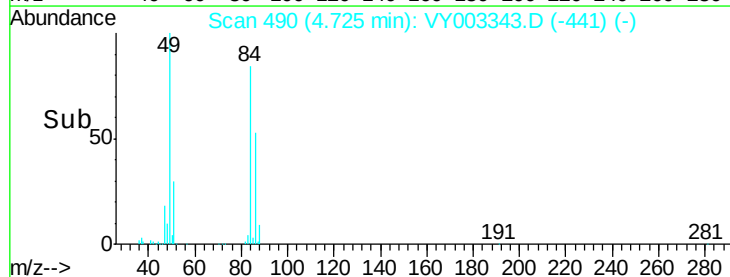
30000

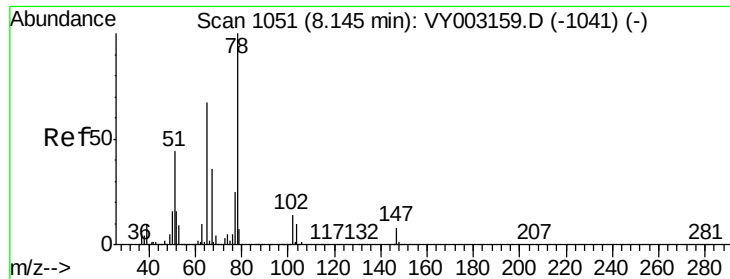
20000

10000

0

Time-->

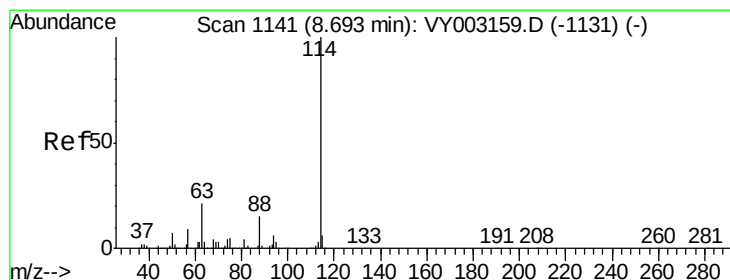
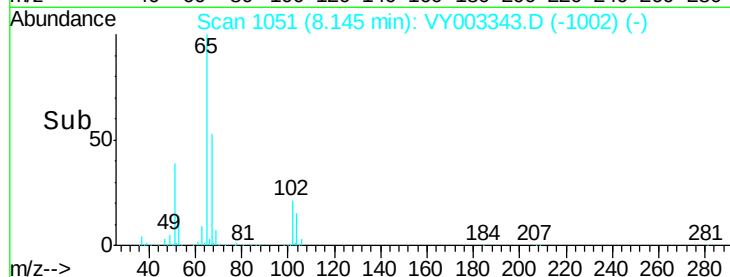
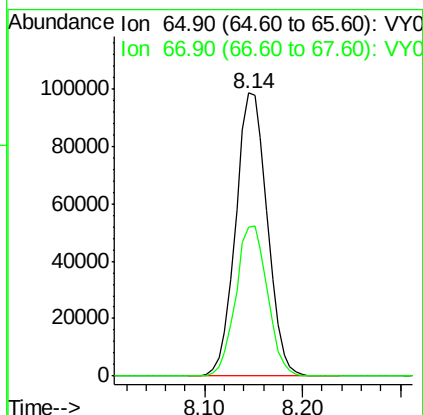
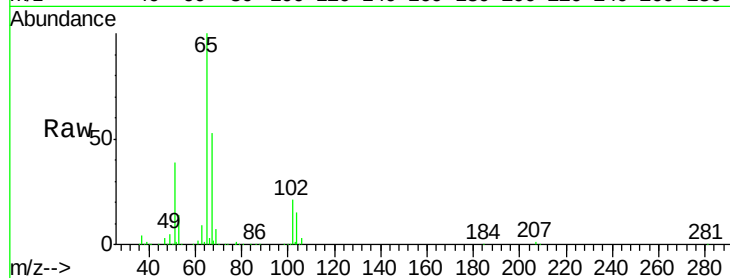




#33
 1,2-Dichloroethane-d4
 Concen: 59.380 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003343.D
 Acq: 24 Jul 2020 19:38

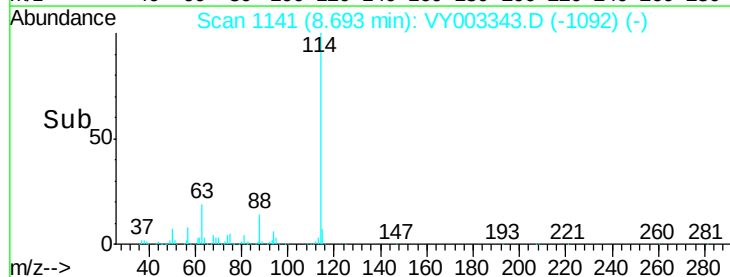
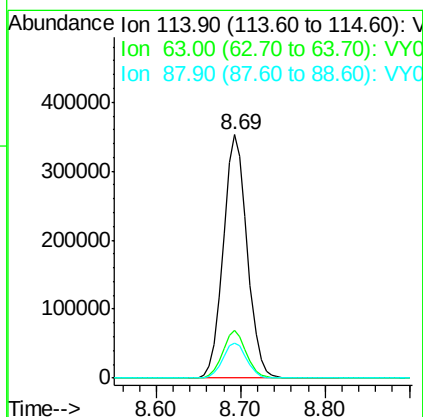
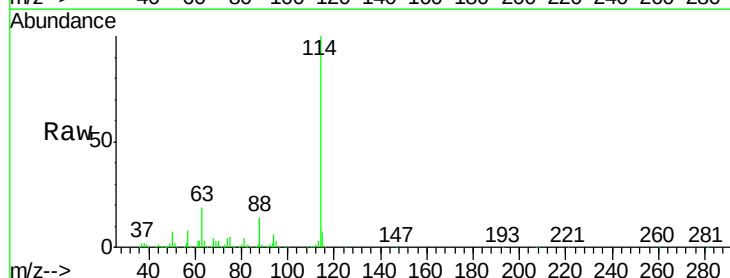
Instrument :
 MSVOA_Y
 ClientSampled :
 11

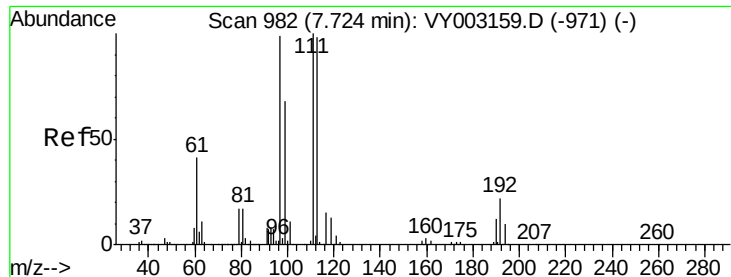
Tot Ion: 65 Resp: 220737
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003343.D
 Acq: 24 Jul 2020 19:38

Tgt Ion: 114 Resp: 682486
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 41.2
 88 14.4 0.0 30.2





#35

Dibromofluoromethane

Concen: 53.941 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003343.D

Acq: 24 Jul 2020 19:38

Instrument :
MSVOA_Y
ClientSampled :
11

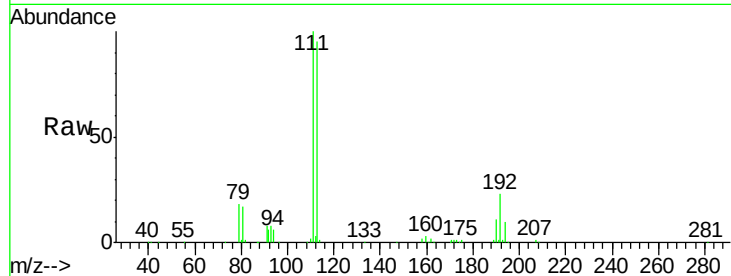
Tot Ion:113 Resp: 211854

Ion Ratio Lower Upper

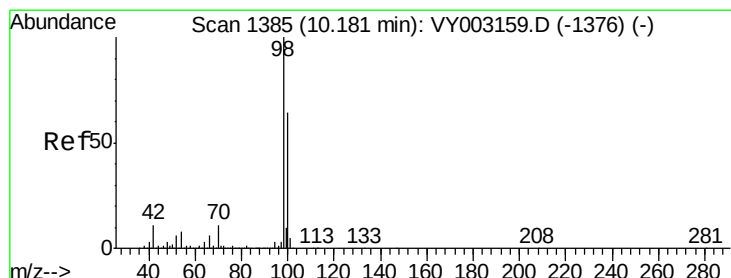
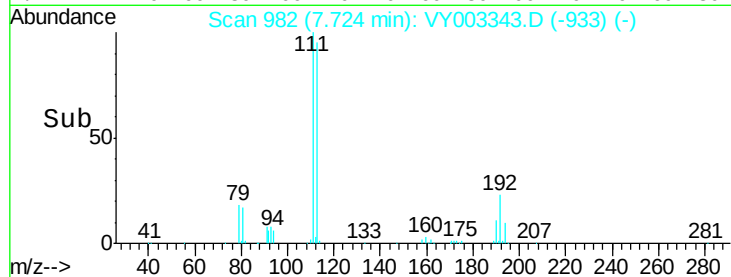
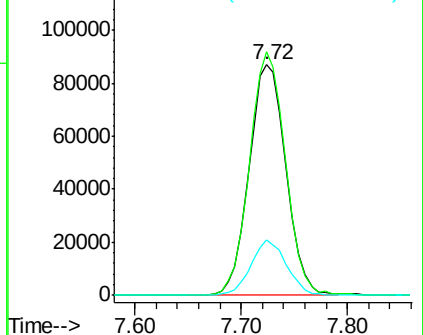
113 100

111 102.7 82.1 123.1

192 22.9 18.8 28.2



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: 55.182 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003343.D

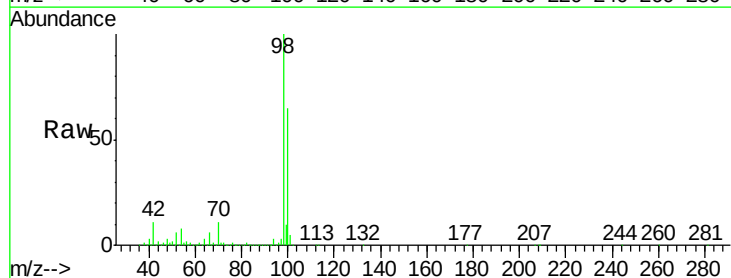
Acq: 24 Jul 2020 19:38

Tgt Ion: 98 Resp: 805768

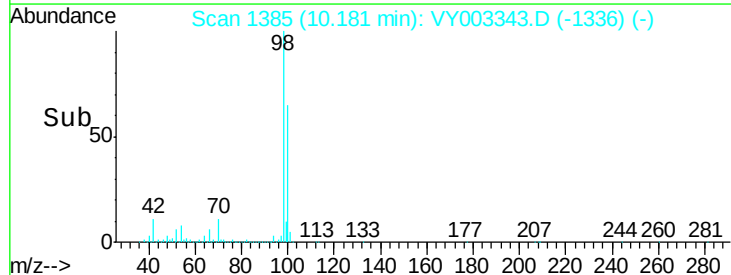
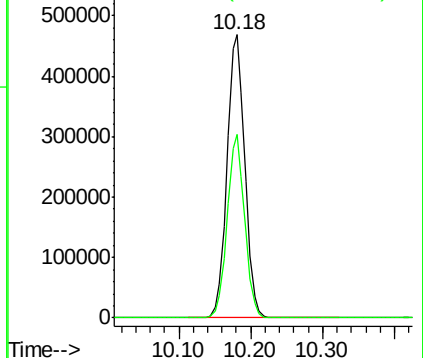
Ion Ratio Lower Upper

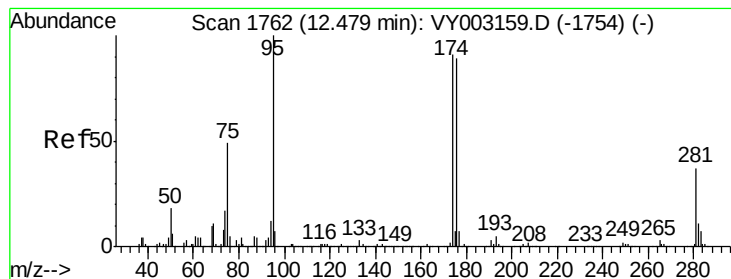
98 100

100 63.5 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 44.920 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003343.D

Acq: 24 Jul 2020 19:38

Instrument :

MSVOA_Y

ClientSampleId :

11

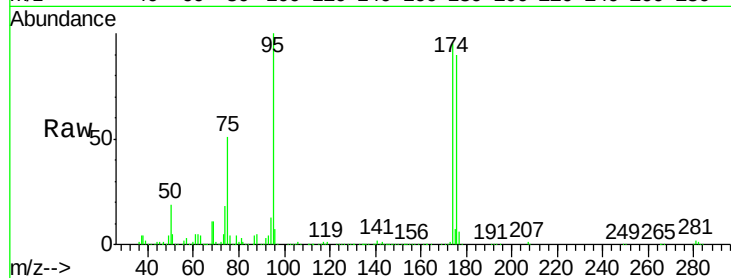
Tot Ion: 95 Resp: 236958

Ion Ratio Lower Upper

95 100

174 95.0 0.0 190.6

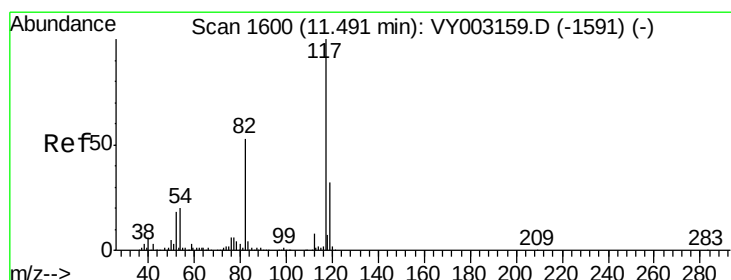
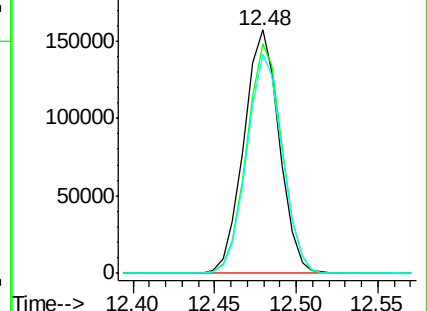
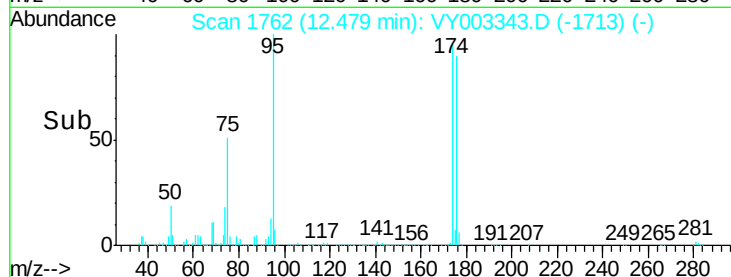
176 90.5 0.0 186.4



Abundance Ion 94.90 (94.60 to 95.60): VY003343.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY003343.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY003343.D (-1713) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY003343.D

Acq: 24 Jul 2020 19:38

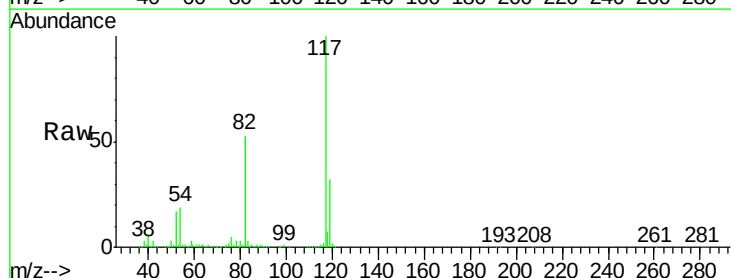
Tgt Ion: 117 Resp: 593844

Ion Ratio Lower Upper

117 100

82 53.1 42.0 63.0

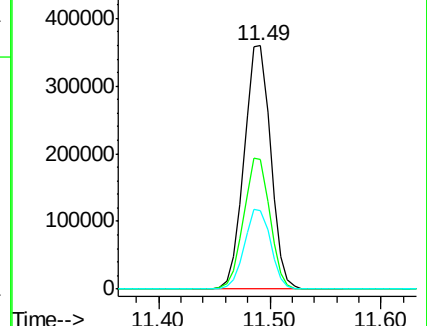
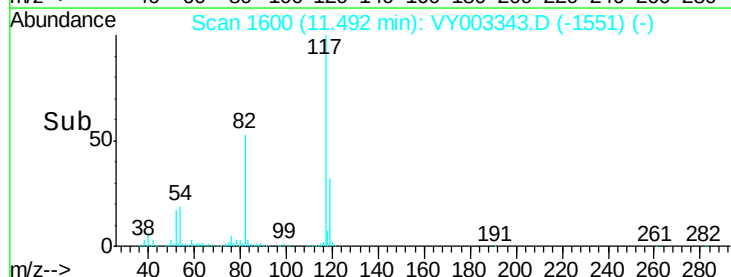
119 32.0 25.5 38.3

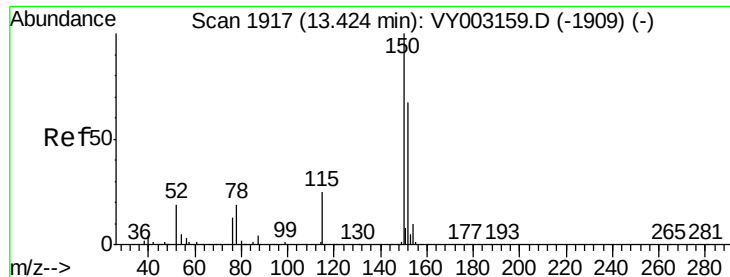


Abundance Ion 116.90 (116.60 to 117.60): VY003343.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY003343.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY003343.D (-1551) (-)



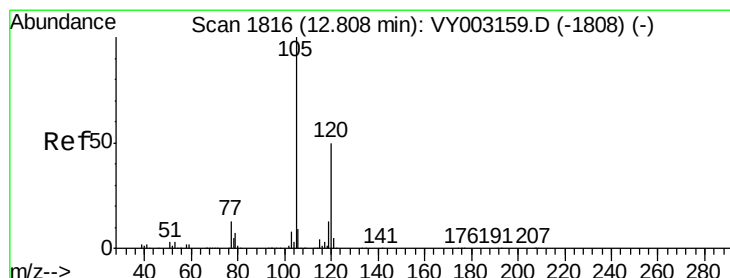
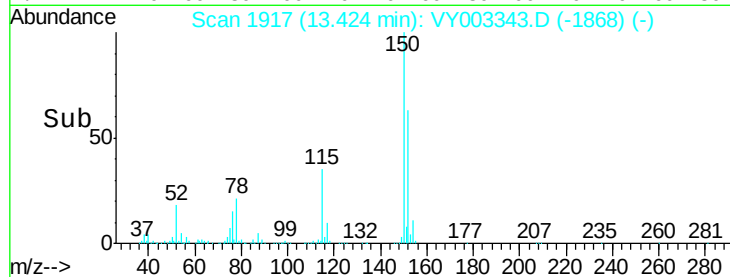
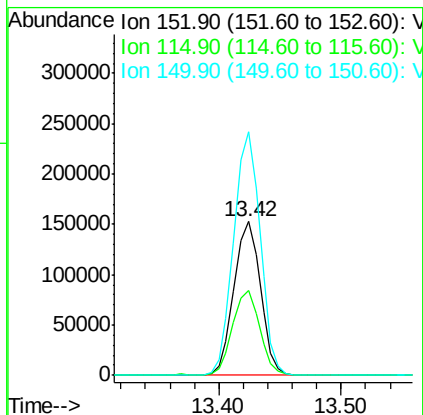
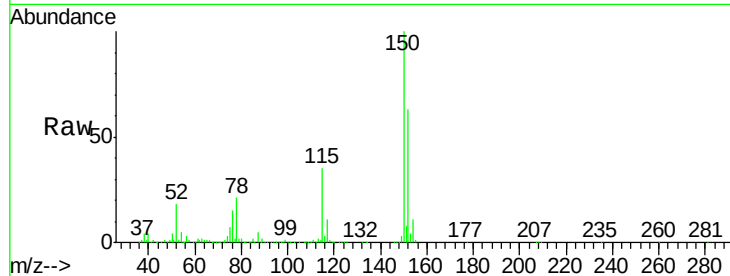


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003343.D
Acq: 24 Jul 2020 19:38

Instrument :
MSVOA_Y
ClientSampled :
11

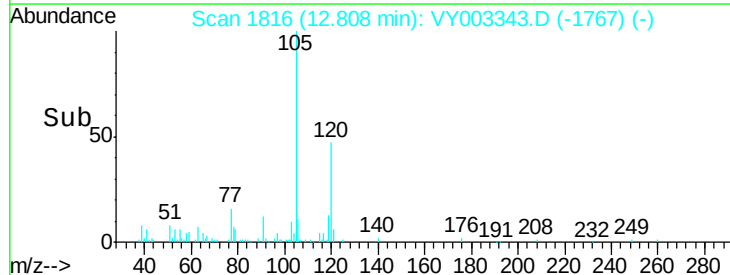
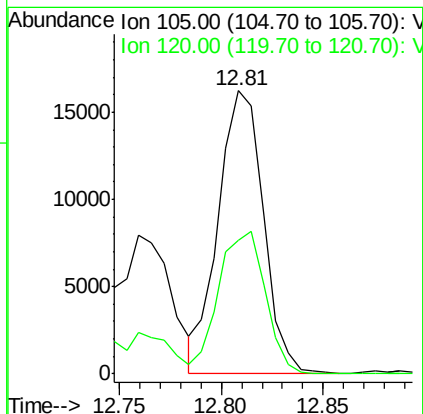
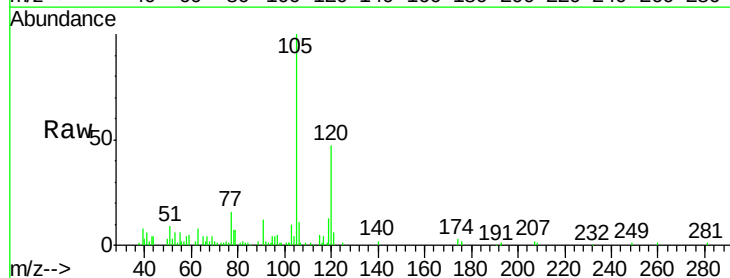
Tot Ion	Ratio	Lower	Upper
152	100		
115	56.5	26.9	80.7
150	158.1	0.0	338.0

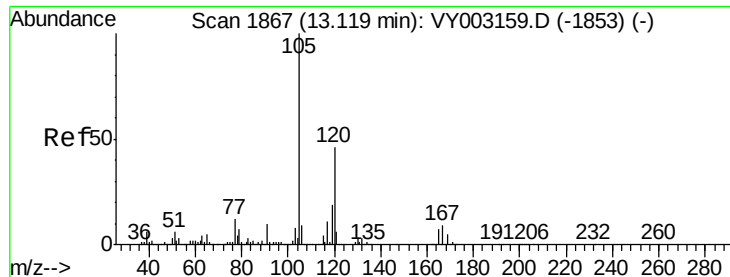


#80

1,3,5-Trimethylbenzene
Concen: 2.045 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VY003343.D
Acq: 24 Jul 2020 19:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	52.2	24.9	74.6

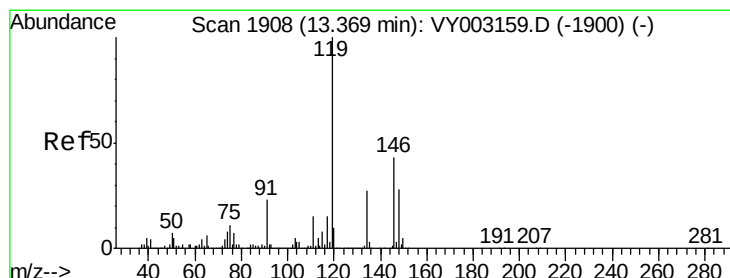
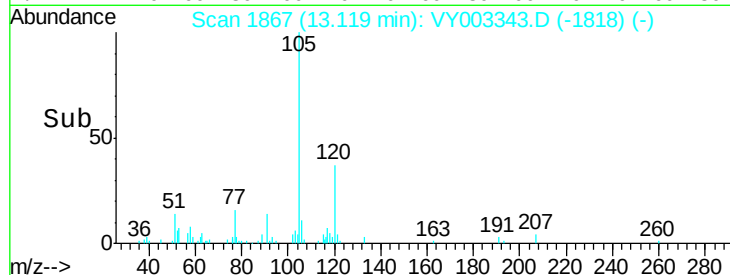
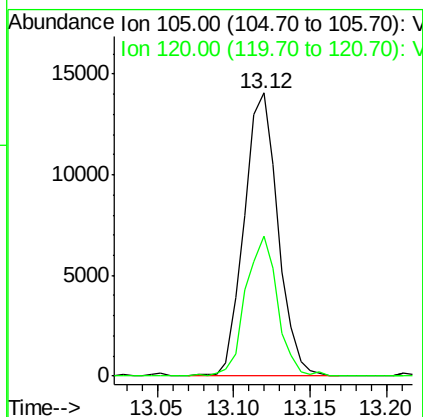
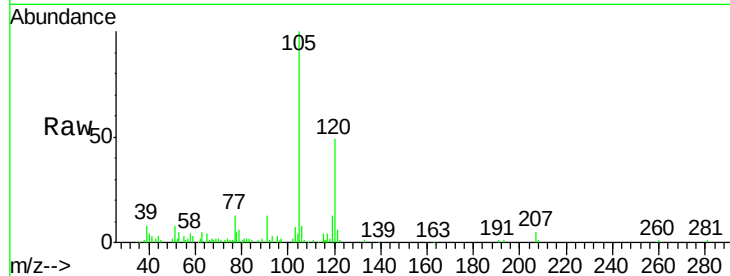




#84
 1,2,4-Trimethylbenzene
 Concen: 1.764 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY003343.D
 Acq: 24 Jul 2020 19:38

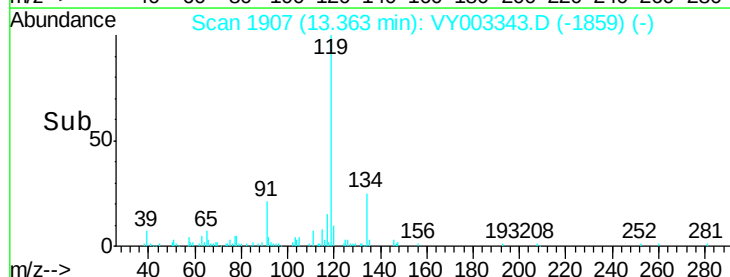
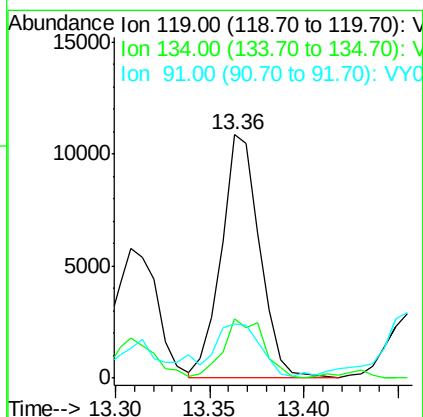
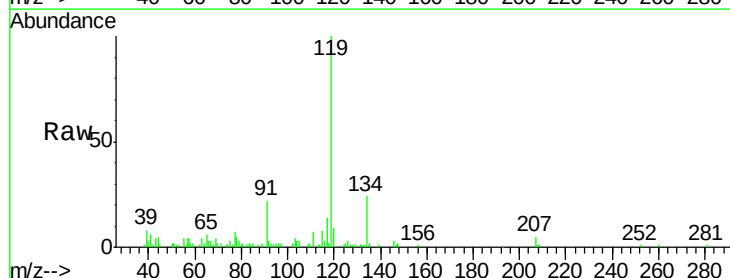
Instrument :
 MSVOA_Y
 ClientSampled :
 11

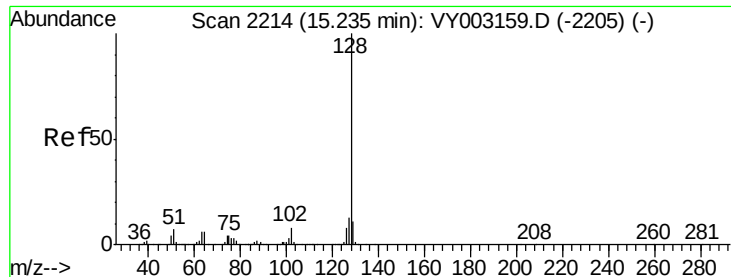
Tot Ion:105 Resp: 21636
 Ion Ratio Lower Upper
 105 100
 120 46.8 22.5 67.5



#86
 p-Isopropyltoluene
 Concen: 1.113 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY003343.D
 Acq: 24 Jul 2020 19:38

Tgt Ion:119 Resp: 15358
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.4 40.2
 91 27.4 11.2 33.6

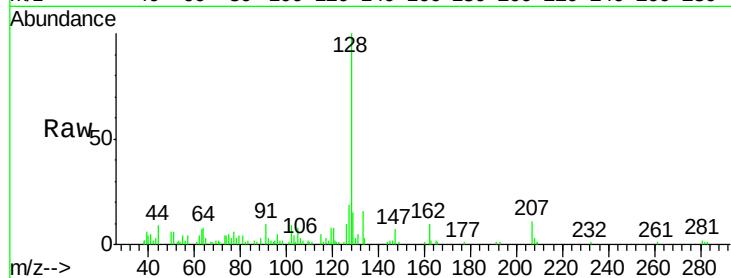




#95
Naphthalene
Concen: 2.010 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003343.D
Acq: 24 Jul 2020 19:38

Instrument :
MSVOA_Y
ClientSampleId :
11

Tot Ion	Ratio	Lower	Upper
128	100		
127	18.0	10.9	16.3#
129	12.8	9.0	13.6



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

