

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072420\
 Data File : VY003340.D
 Acq On : 24 Jul 2020 18:27
 Operator : SY/MD
 Sample : L3436-08
 Misc : 6.92G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 8

Quant Time: Jul 25 06:22:24 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

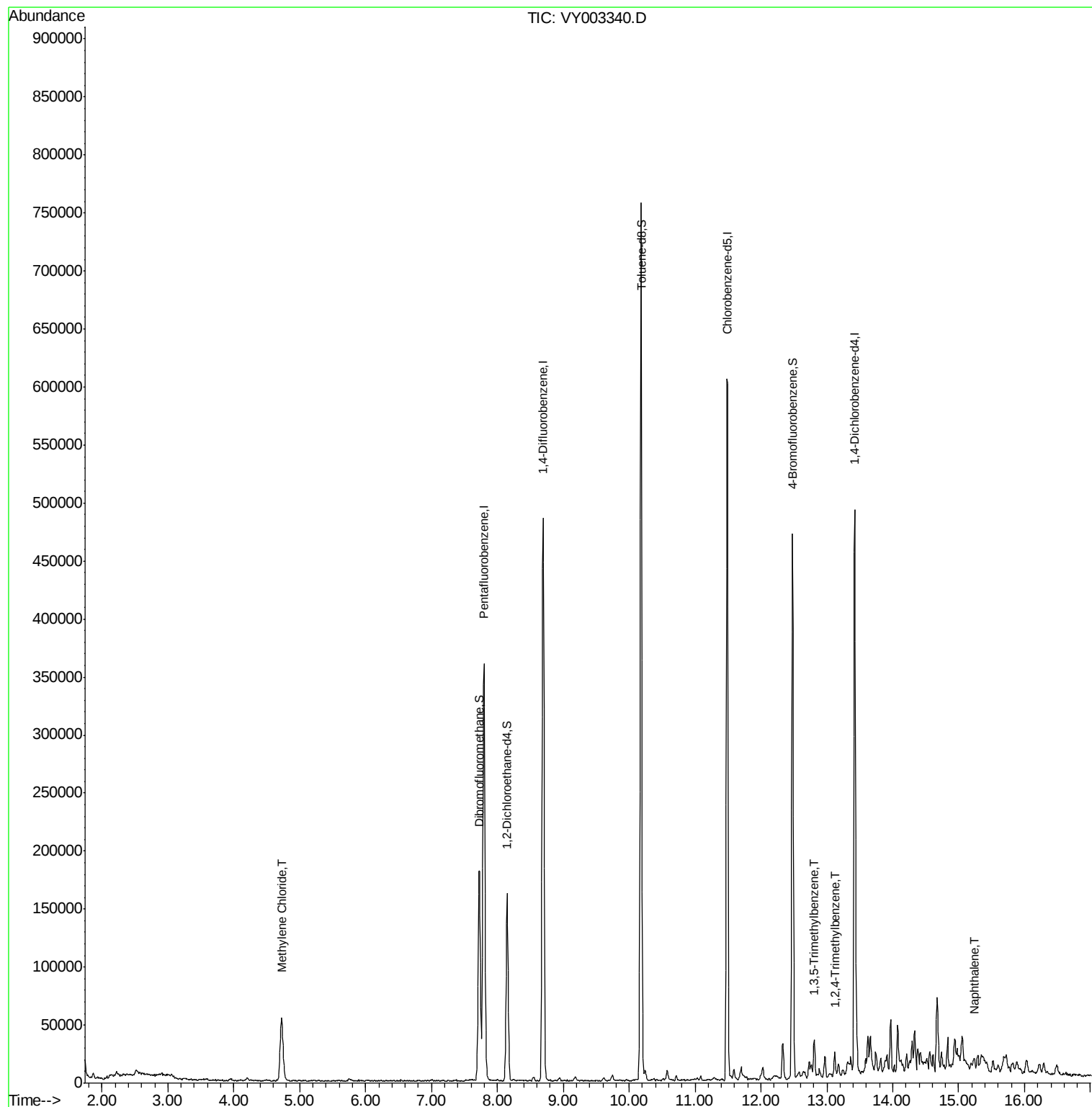
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	296753	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	422106	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	341146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	128360	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	125027	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
35) Dibromofluoromethane	7.72	113	127277	52.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.80%	
50) Toluene-d8	10.18	98	494688	54.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.56%	
62) 4-Bromofluorobenzene	12.48	95	131369	40.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.54%	
Target Compounds						
20) Methylene Chloride	4.73	84	43335	11.122	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	12875	1.888	ug/l	95
84) 1,2,4-Trimethylbenzene	13.12	105	11149	1.625	ug/l	96
95) Naphthalene	15.23	128	6778	1.666	ug/l	94

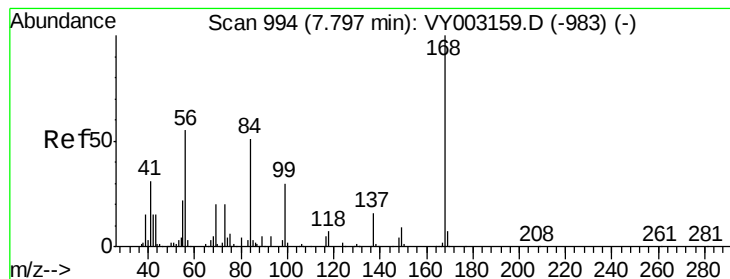
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072420\
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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: VY003340.D

Acq: 24 Jul 2020 18:27

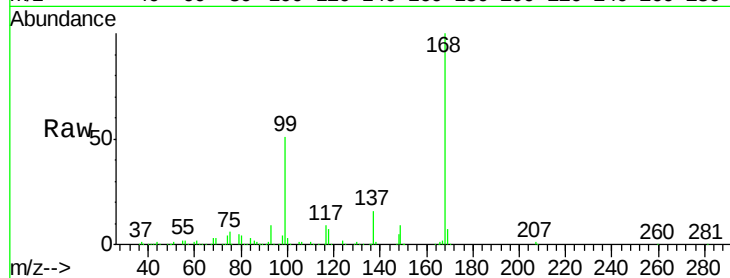
Instrument :
MSVOA_Y
ClientSampled :
8

Tot Ion:168 Resp: 296753

Ion Ratio Lower Upper

168 100

99 51.0 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003340.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003340.D (-945) (-)

7.80

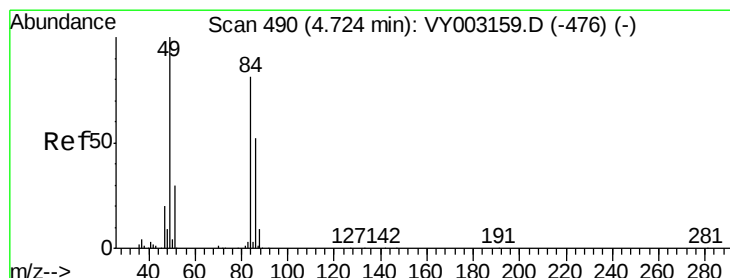
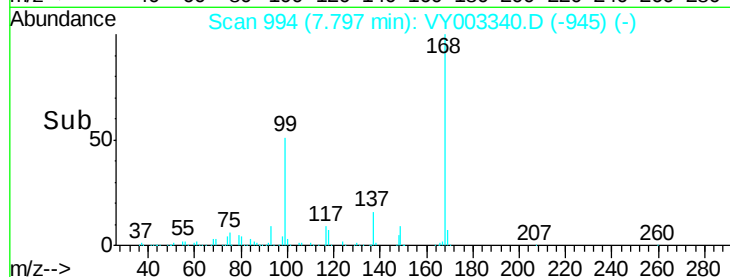
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 11.122 ug/l

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY003340.D

Acq: 24 Jul 2020 18:27

Tgt Ion: 84 Resp: 43335

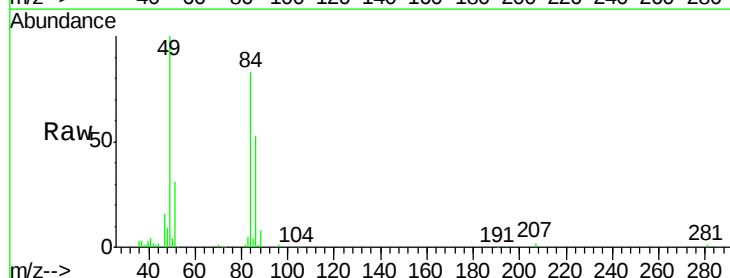
Ion Ratio Lower Upper

84 100

49 120.3 98.2 147.4

51 36.8 29.8 44.6

86 63.3 51.2 76.8



Abundance Ion 83.90 (83.60 to 84.60): VY003340.D (-441) (-)

Ion 48.90 (48.60 to 49.60): VY003340.D (-441) (-)

Ion 50.90 (50.60 to 51.60): VY003340.D (-441) (-)

Ion 85.90 (85.60 to 86.60): VY003340.D (-441) (-)

4.73

25000

20000

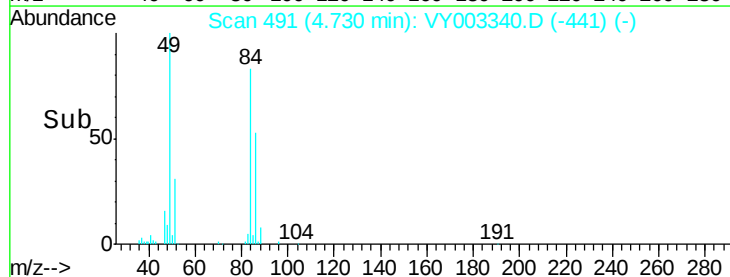
15000

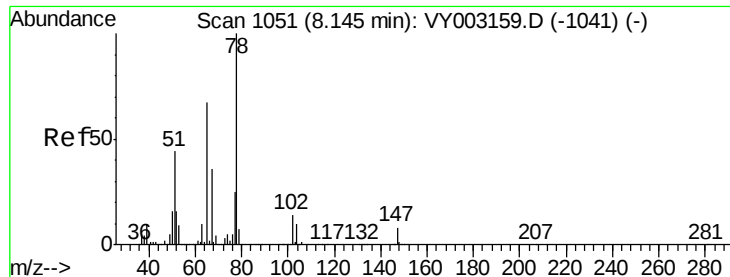
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.917 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VY003340.D

Acq: 24 Jul 2020 18:27

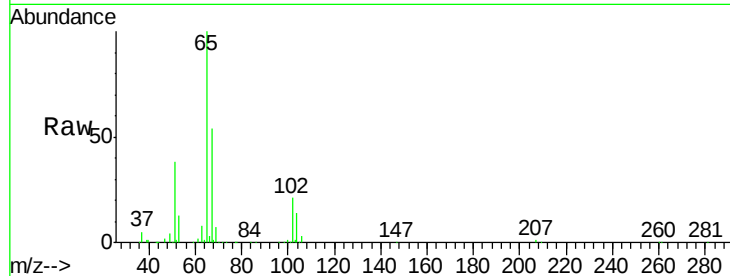
Instrument :
MSVOA_Y
ClientSampleId :
8

Tot Ion: 65 Resp: 125027

Ion Ratio Lower Upper

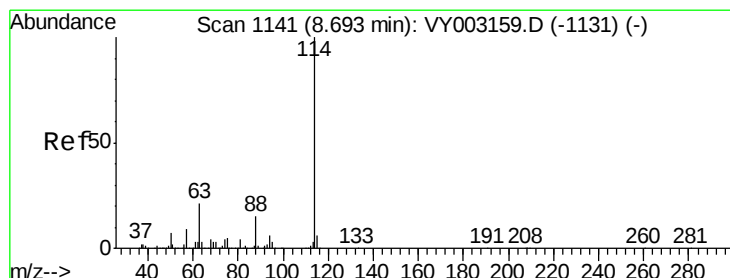
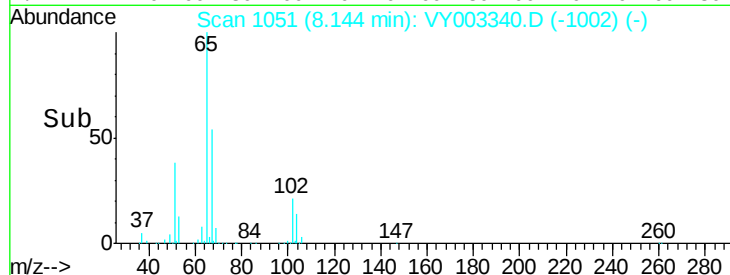
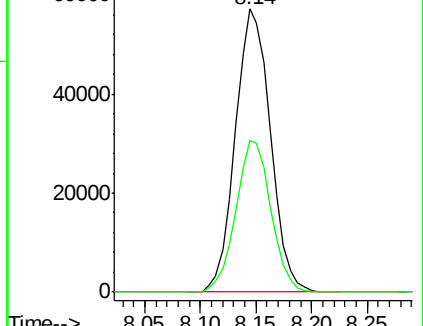
65 100

67 53.4 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY003340.D (-1002) (-)

Ion 66.90 (66.60 to 67.60): VY003340.D (-1002) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY003340.D

Acq: 24 Jul 2020 18:27

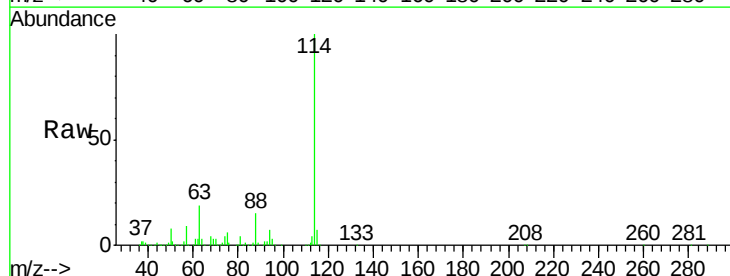
Tgt Ion: 114 Resp: 422106

Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.2

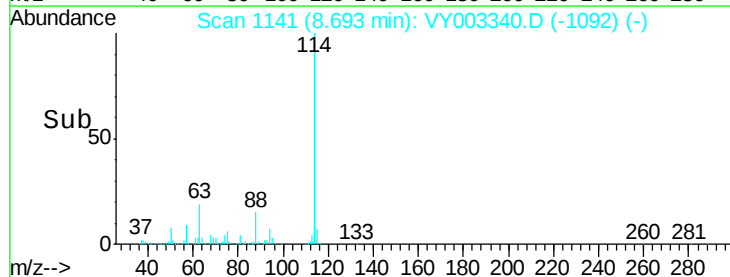
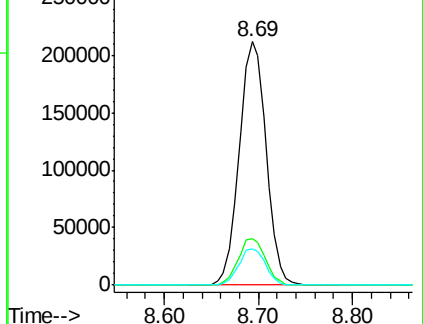
88 14.8 0.0 30.2

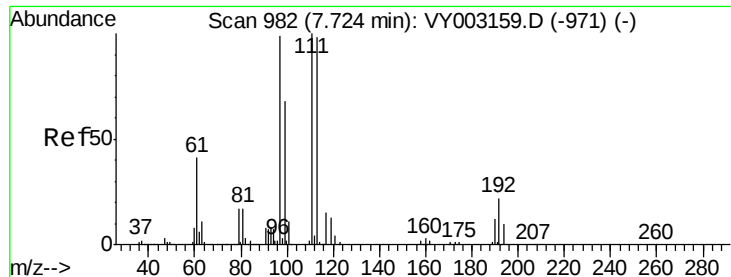


Abundance Ion 113.90 (113.60 to 114.60): VY003340.D (-1092) (-)

Ion 63.00 (62.70 to 63.70): VY003340.D (-1092) (-)

Ion 87.90 (87.60 to 88.60): VY003340.D (-1092) (-)





#35

Dibromofluoromethane

Concen: 52.396 ug/l

RT: 7.72 min Scan# 982

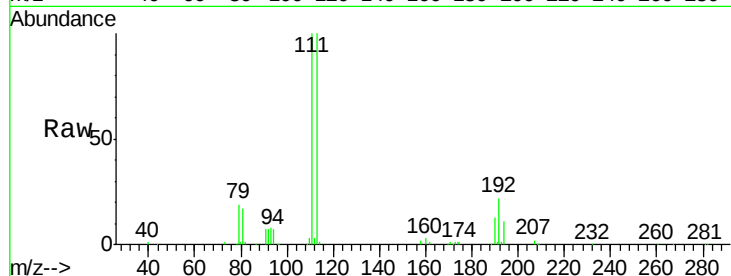
Delta R.T. -0.00 min

Lab File: VY003340.D

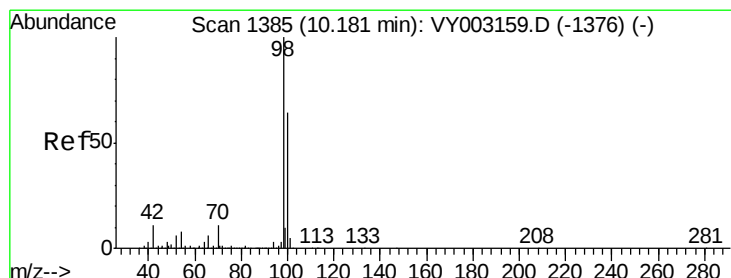
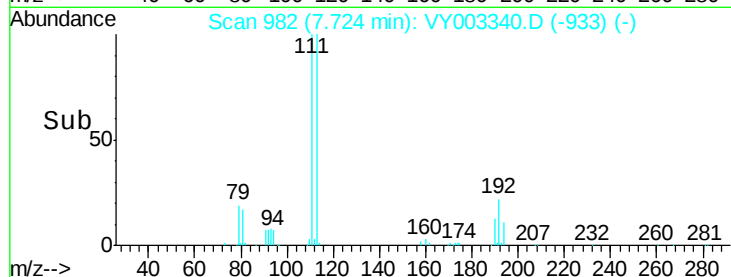
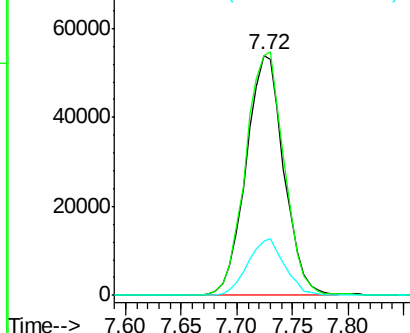
Acq: 24 Jul 2020 18:27

Instrument :
MSVOA_Y
ClientSampled :
8

Tot Ion:	113	Resp:	127277
Ion	Ratio	Lower	Upper
113	100		
111	103.2	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: 54.776 ug/l

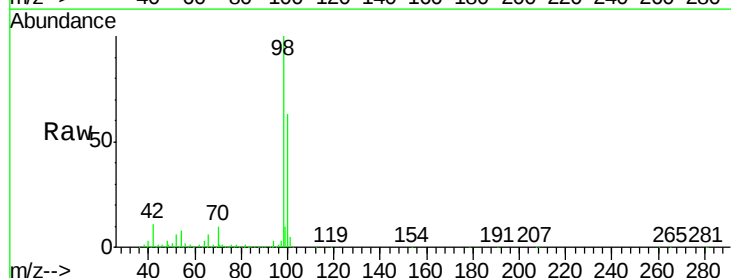
RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

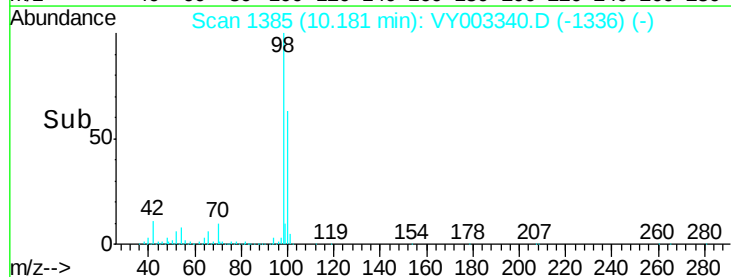
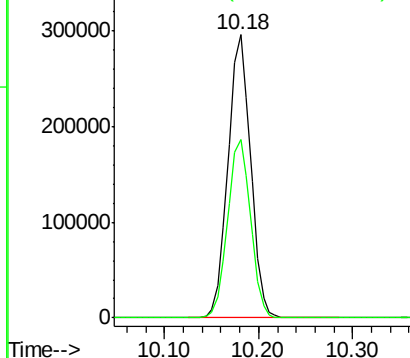
Lab File: VY003340.D

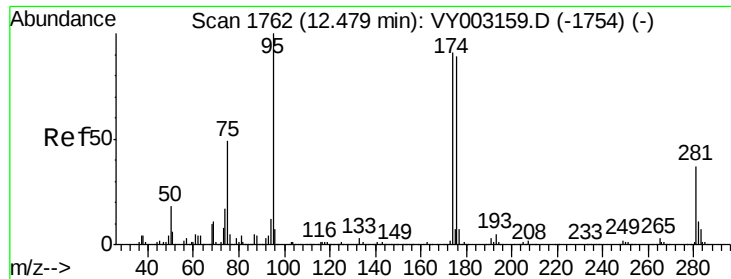
Acq: 24 Jul 2020 18:27

Tgt Ion:	98	Resp:	494688
Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.7	76.1



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

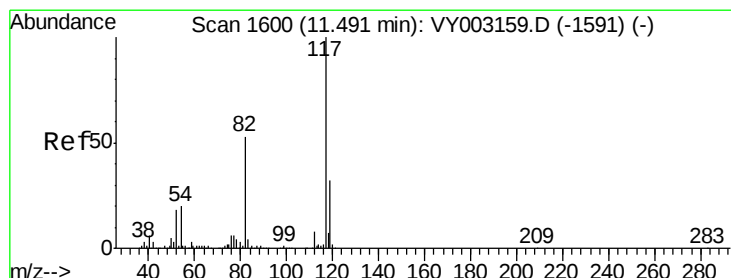
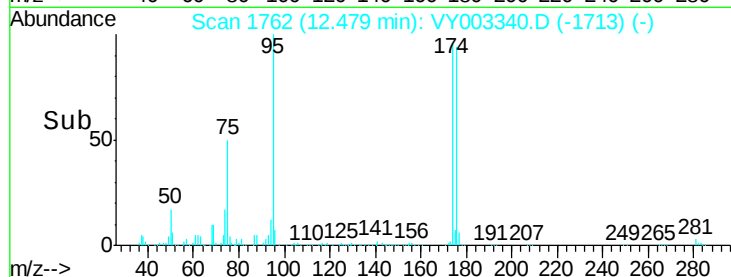
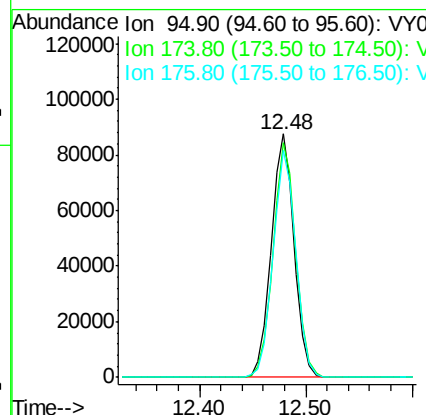
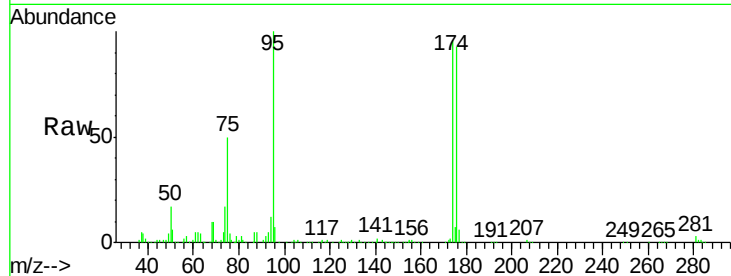




#62
4-Bromofluorobenzene
Concen: 40.266 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003340.D
Acq: 24 Jul 2020 18:27

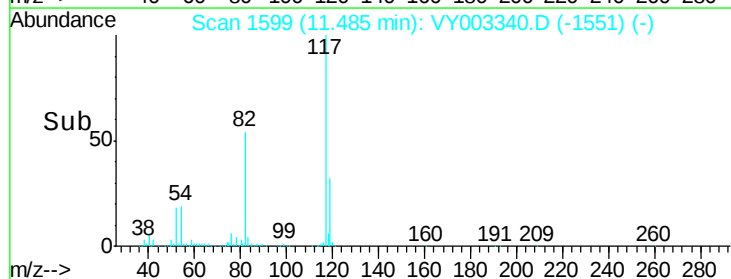
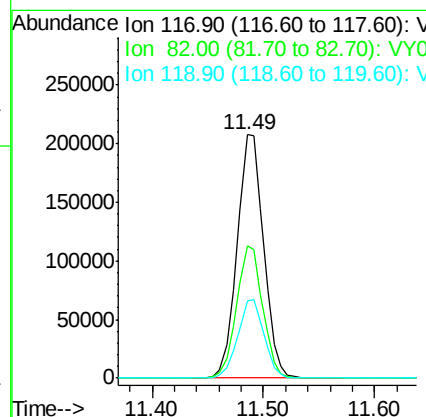
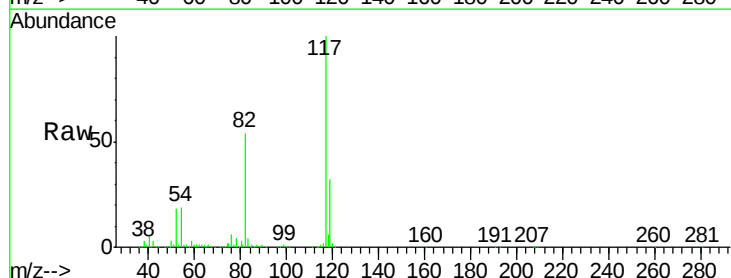
Instrument :
MSVOA_Y
ClientSampleId :
8

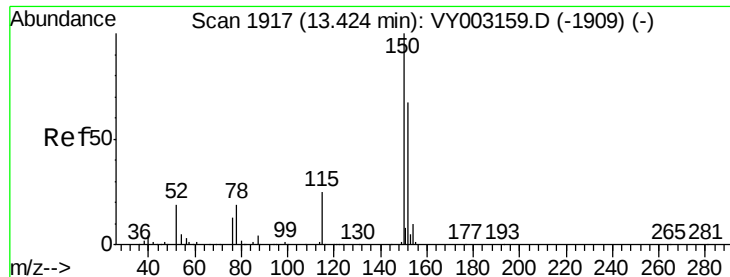
Tot Ion	Ratio	Lower	Upper
95	100		
174	95.5	0.0	190.6
176	92.6	0.0	186.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003340.D
Acq: 24 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.1	42.0	63.0
119	31.6	25.5	38.3

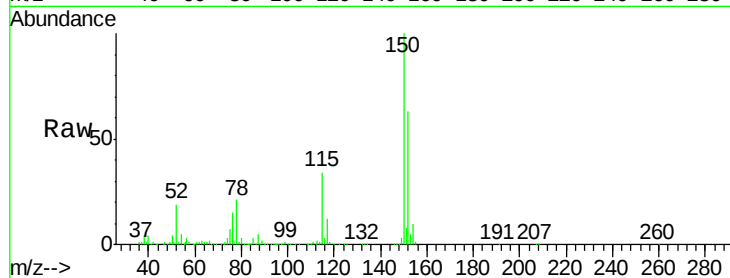




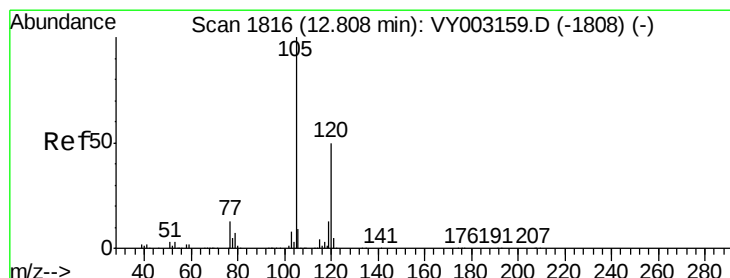
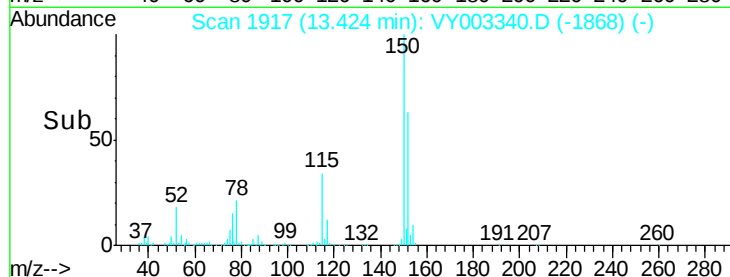
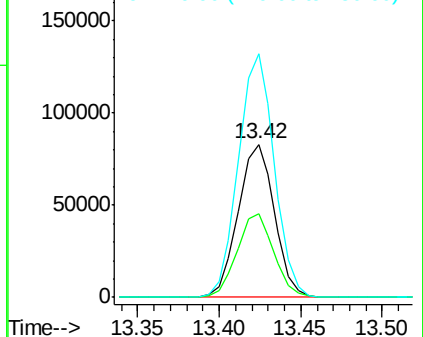
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. -0.00 min
 Lab File: VY003340.D
 Acq: 24 Jul 2020 18:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 8

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.0	26.9	80.7
150	157.4	0.0	338.0

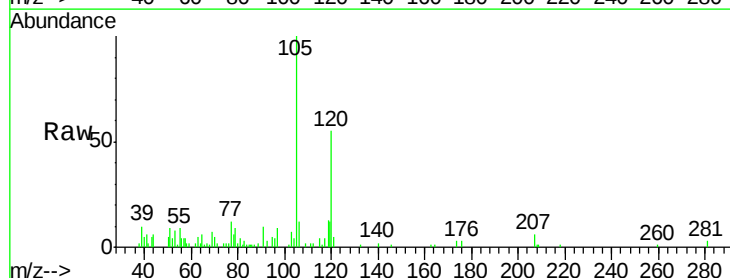


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

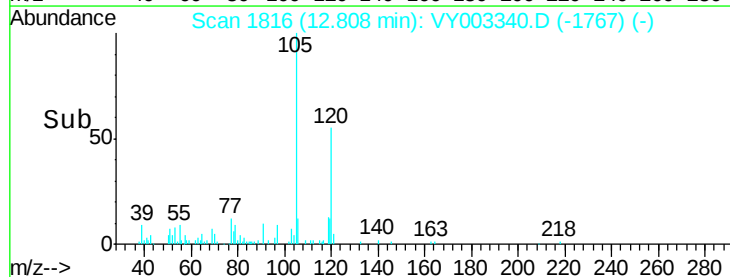
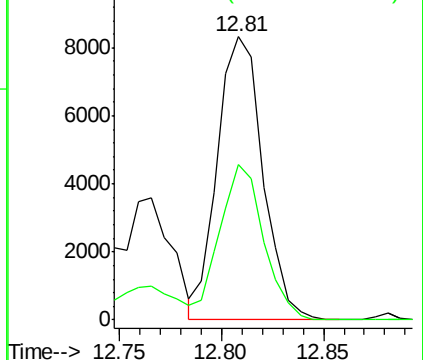


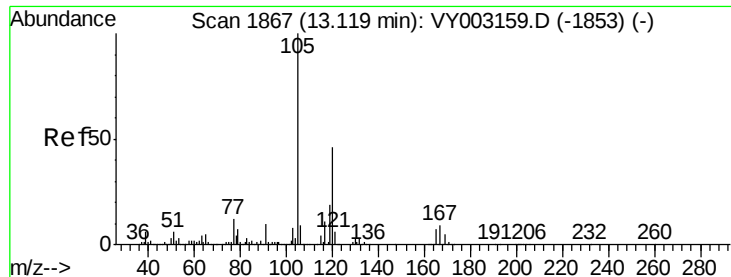
#80
 1,3,5-Trimethylbenzene
 Concen: 1.888 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY003340.D
 Acq: 24 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	53.1	24.9	74.6



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#84

1,2,4-Trimethylbenzene

Concen: 1.625 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY003340.D

Acq: 24 Jul 2020 18:27

Instrument :

MSVOA_Y

ClientSampleId :

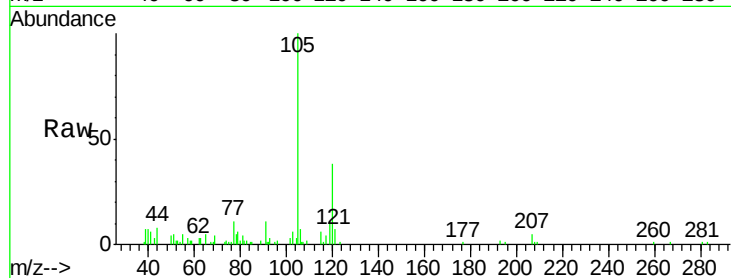
8

Tot Ion:105 Resp: 11149

Ion Ratio Lower Upper

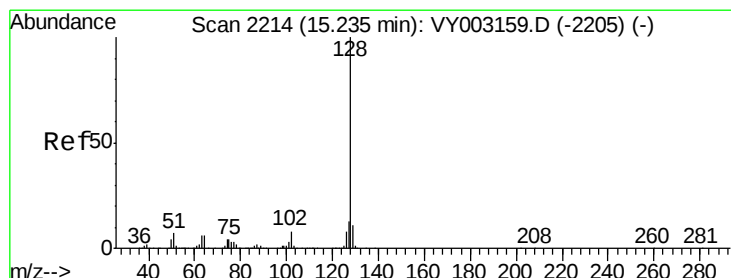
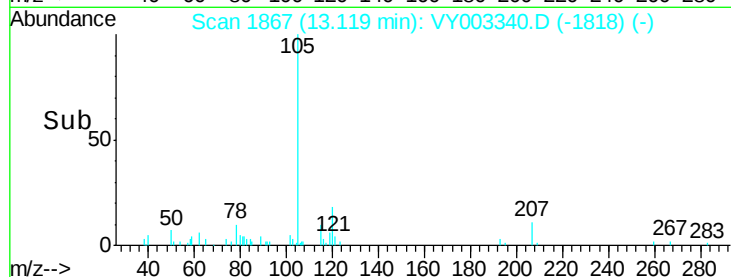
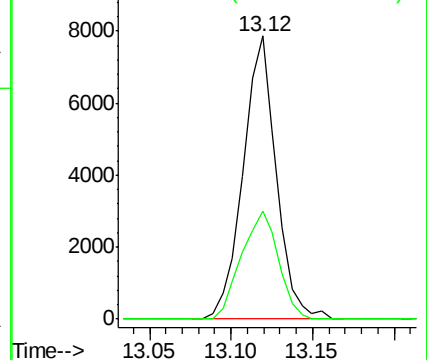
105 100

120 42.6 22.5 67.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 1.666 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY003340.D

Acq: 24 Jul 2020 18:27

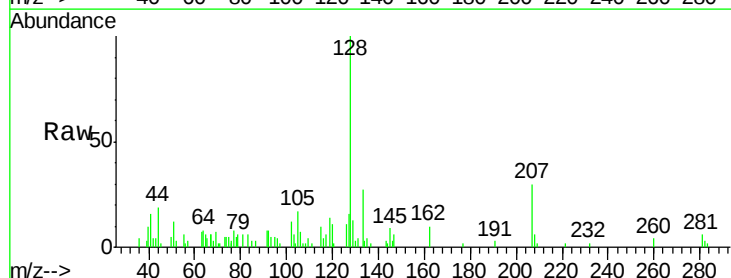
Tgt Ion:128 Resp: 6778

Ion Ratio Lower Upper

128 100

127 16.3 10.9 16.3

129 13.1 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

