

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072320\
 Data File : VY003314.D
 Acq On : 23 Jul 2020 14:22
 Operator : SY/MD
 Sample : L3380-03
 Misc : 6.94G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-241

Quant Time: Jul 24 05:24:40 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

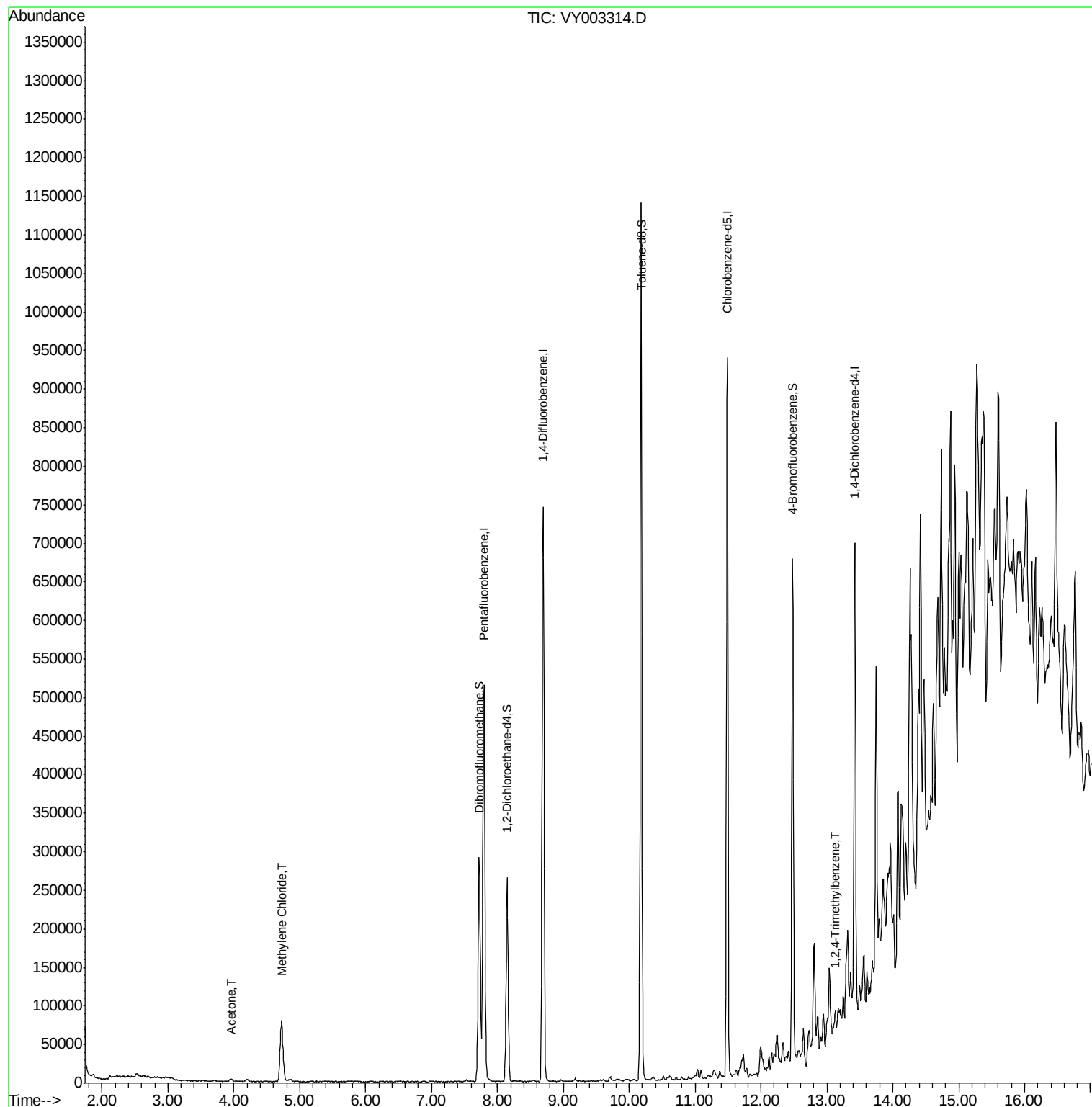
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	421539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	649774	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	521822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	159378	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	204738	57.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.08%	
35) Dibromofluoromethane	7.72	113	201726	53.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.90%	
50) Toluene-d8	10.18	98	748975	53.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.76%	
62) 4-Bromofluorobenzene	12.48	95	187438	37.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.64%	
Target Compounds						
16) Acetone	3.95	43	5878	7.396	ug/l	98
20) Methylene Chloride	4.72	84	59425	10.522	ug/l	95
84) 1,2,4-Trimethylbenzene	13.12	105	9760	1.146	ug/l	99

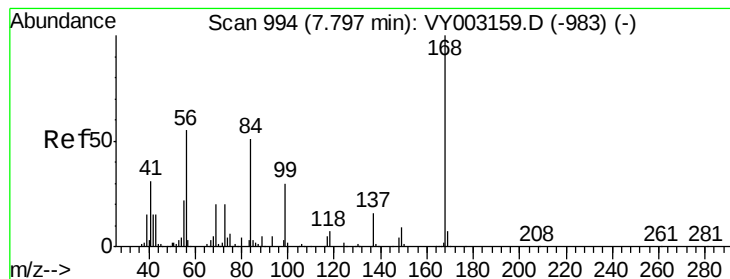
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072320\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003314.D

Acq: 23 Jul 2020 14:22

Instrument :

MSVOA_Y

ClientSampled :

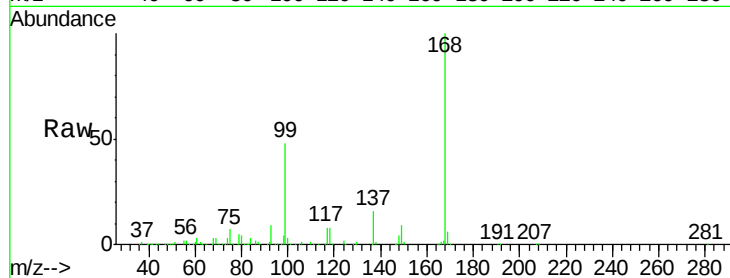
VNJ-241

Tot Ion:168 Resp: 421539

Ion Ratio Lower Upper

168 100

99 48.5 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0

7.80

200000

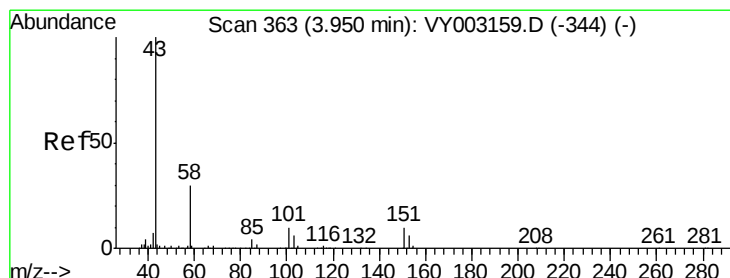
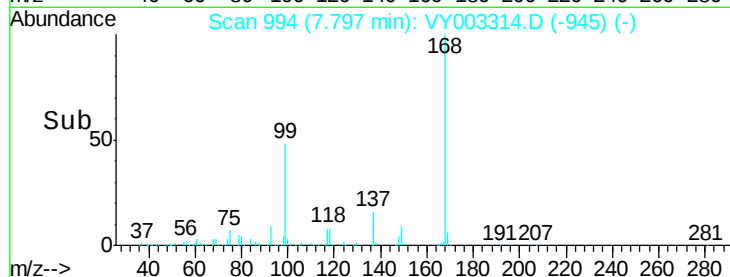
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.396 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.00 min

Lab File: VY003314.D

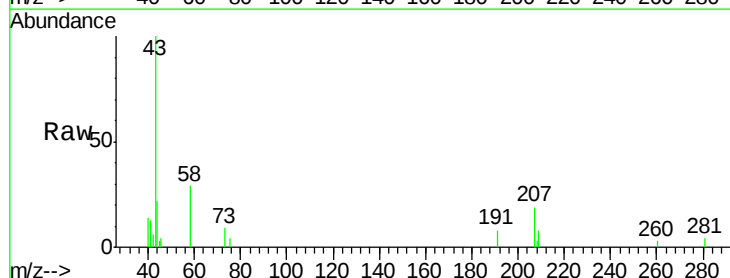
Acq: 23 Jul 2020 14:22

Tgt Ion: 43 Resp: 5878

Ion Ratio Lower Upper

43 100

58 28.6 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.95

2500

2000

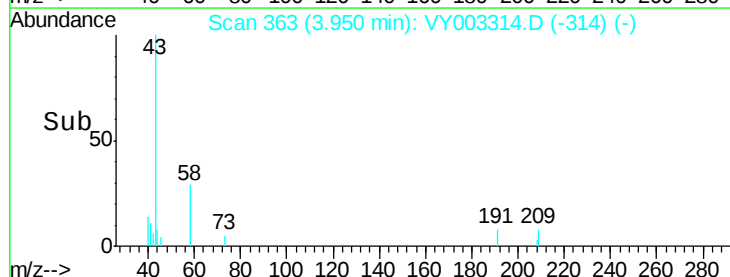
1500

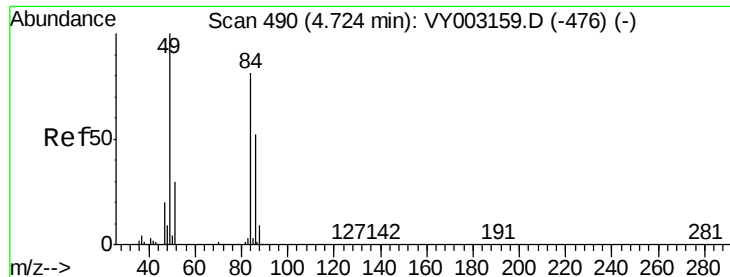
1000

500

0

Time-->





#20

Methylene Chloride

Concen: 10.522 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003314.D

Acq: 23 Jul 2020 14:22

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-241

Tot Ion: 84 Resp: 59425

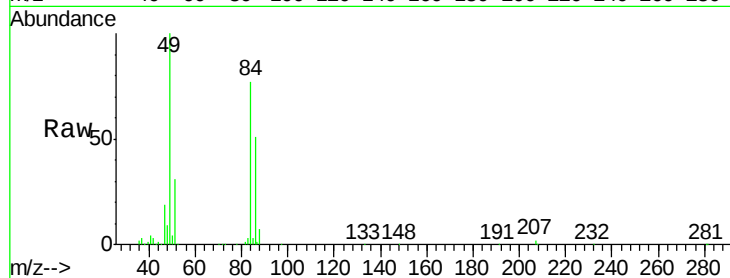
Ion Ratio Lower Upper

84 100

49 129.5 98.2 147.4

51 40.0 29.8 44.6

86 66.1 51.2 76.8

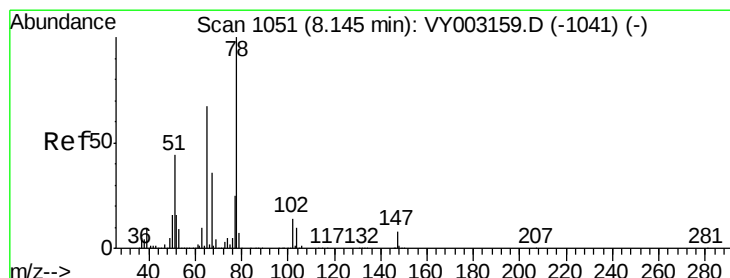
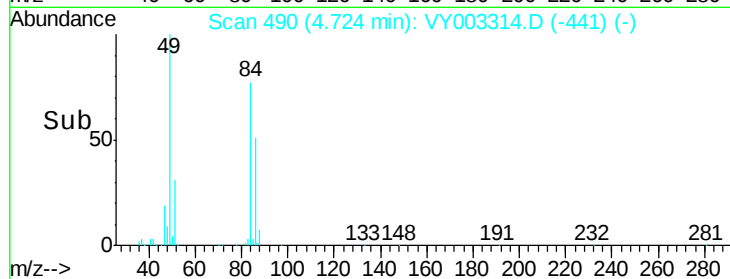
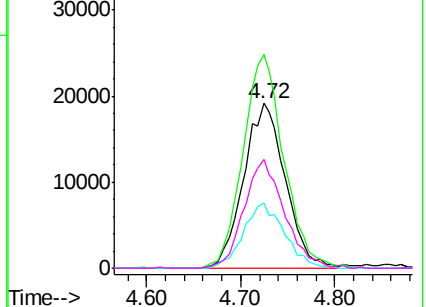


Abundance Ion 83.90 (83.60 to 84.60): VY0

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: 57.544 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VY003314.D

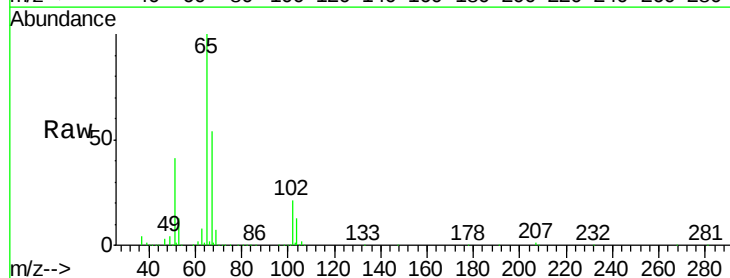
Acq: 23 Jul 2020 14:22

Tgt Ion: 65 Resp: 204738

Ion Ratio Lower Upper

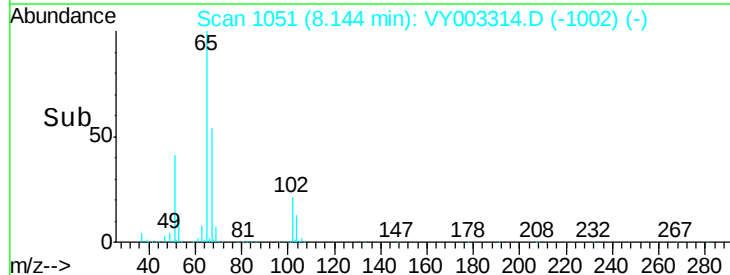
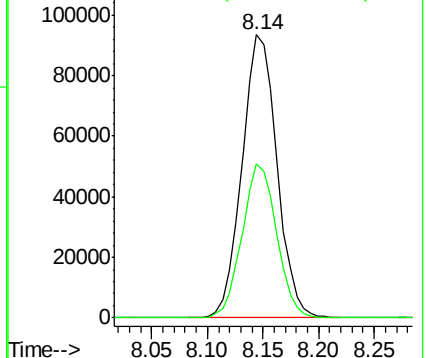
65 100

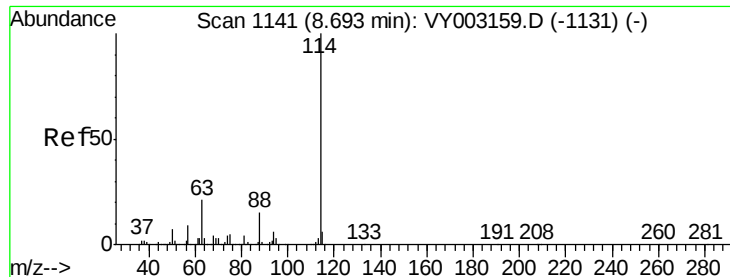
67 53.7 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

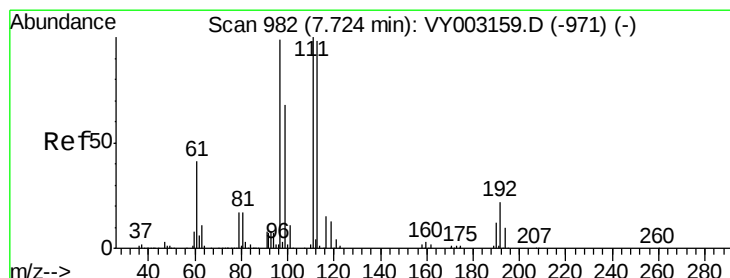
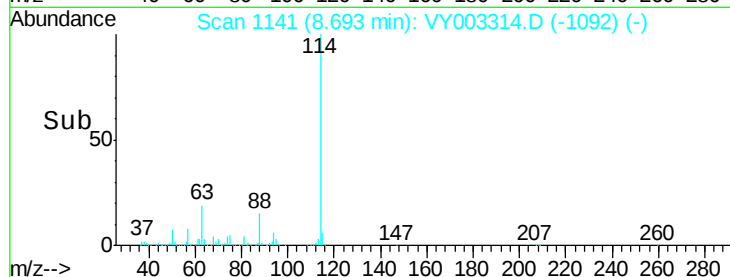
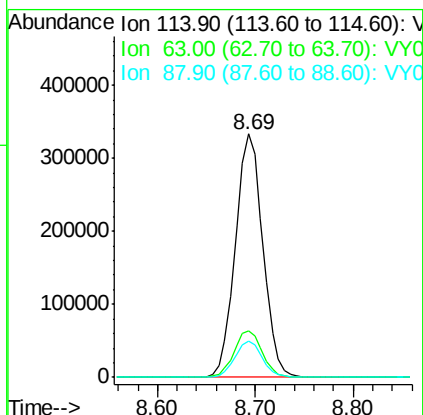
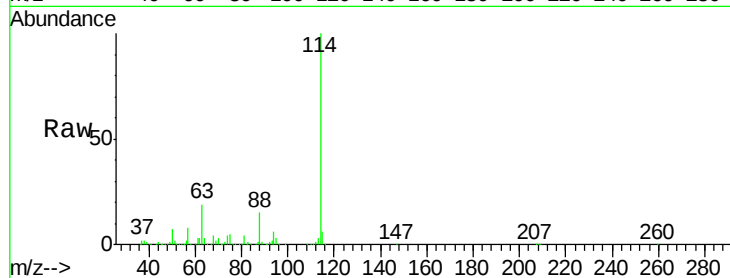




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003314.D
 Acq: 23 Jul 2020 14:22

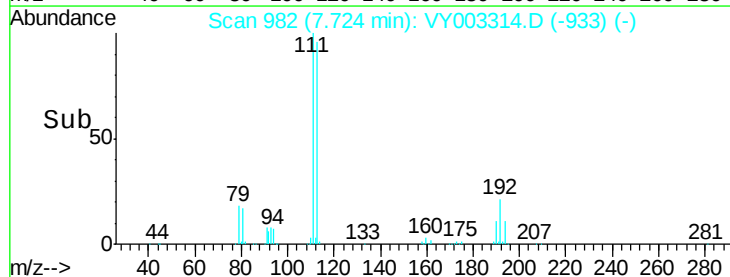
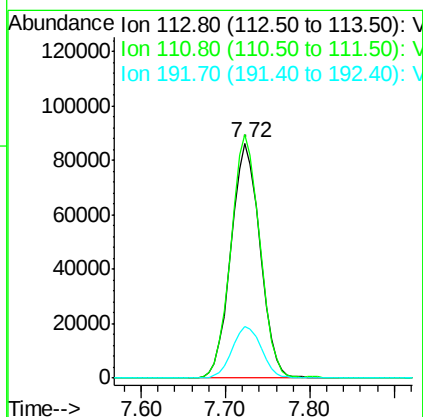
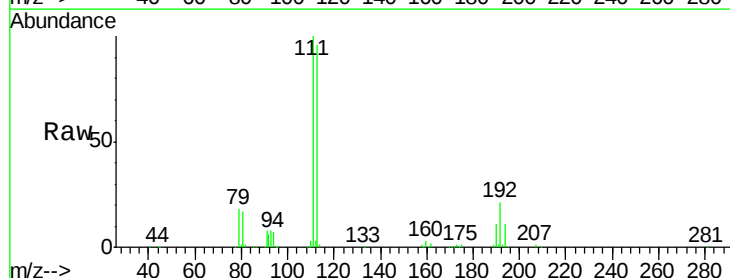
Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-241

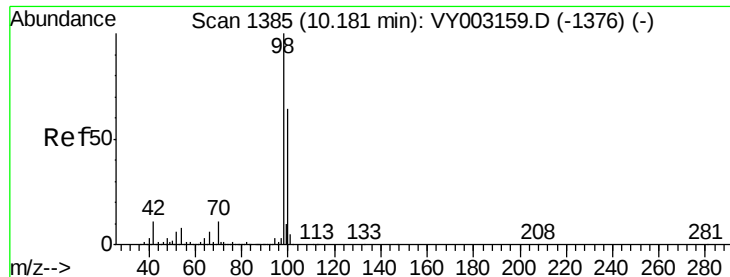
Tot Ion:114 Resp: 649774
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 41.2
 88 14.9 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 53.948 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003314.D
 Acq: 23 Jul 2020 14:22

Tgt Ion:113 Resp: 201726
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.1 123.1
 192 22.3 18.8 28.2

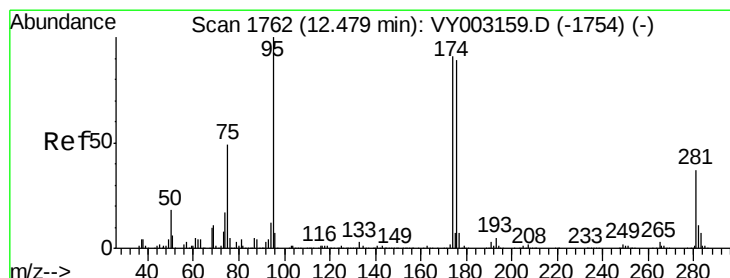
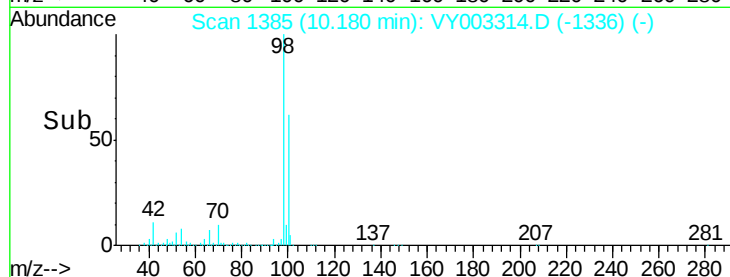
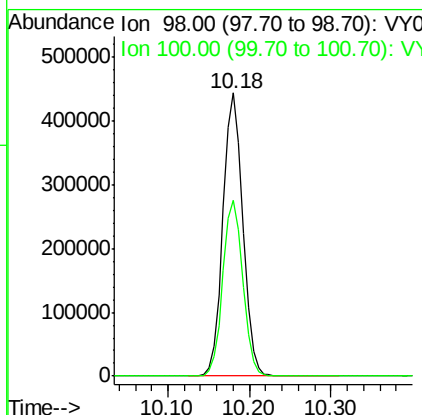
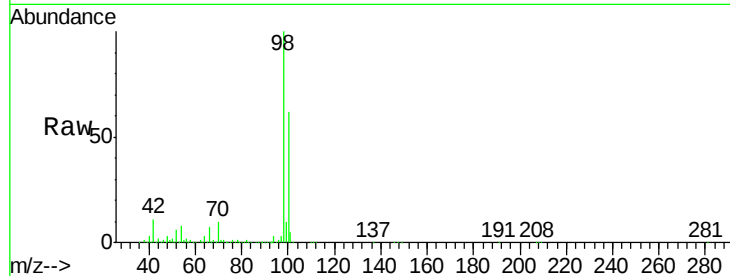




#50
Toluene-d8
Concen: 53.875 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003314.D
Acq: 23 Jul 2020 14:22

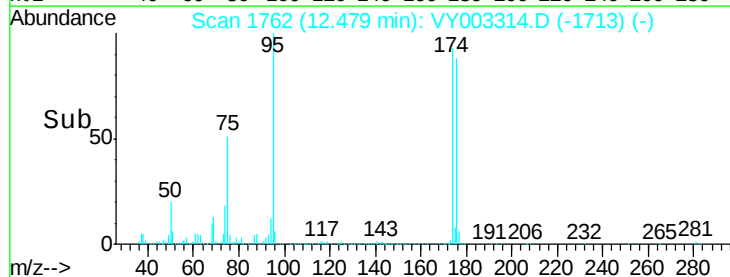
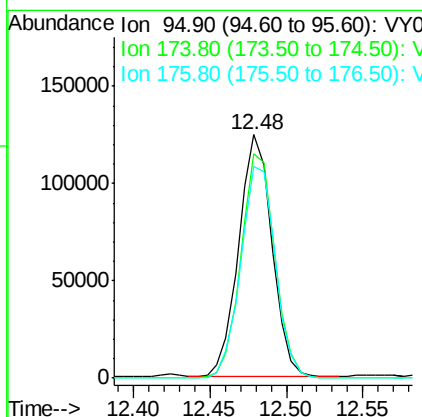
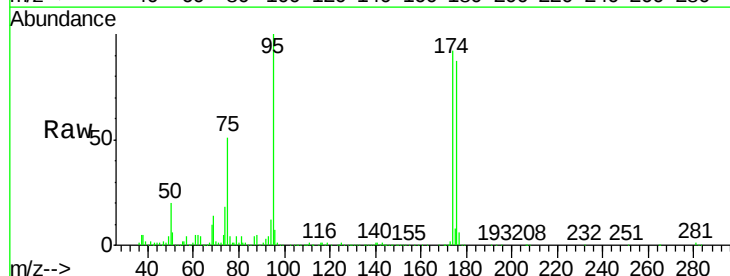
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241

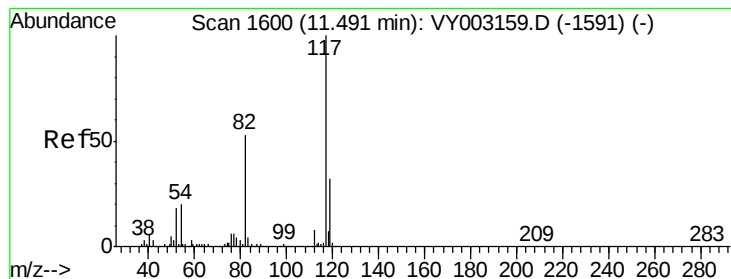
Tot Ion: 98 Resp: 748975
Ion Ratio Lower Upper
98 100
100 62.4 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 37.321 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003314.D
Acq: 23 Jul 2020 14:22

Tgt Ion: 95 Resp: 187438
Ion Ratio Lower Upper
95 100
174 94.4 0.0 190.6
176 91.5 0.0 186.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003314.D

Acq: 23 Jul 2020 14:22

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-241

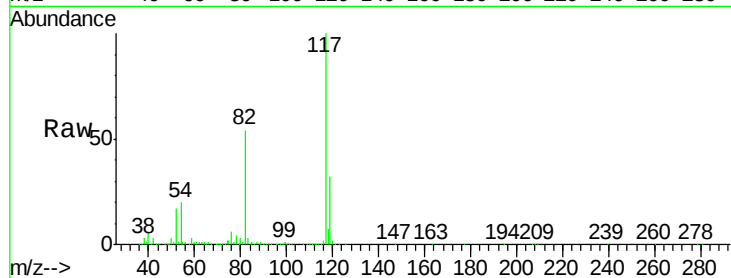
Tot Ion:117 Resp: 521822

Ion Ratio Lower Upper

117 100

82 54.0 42.0 63.0

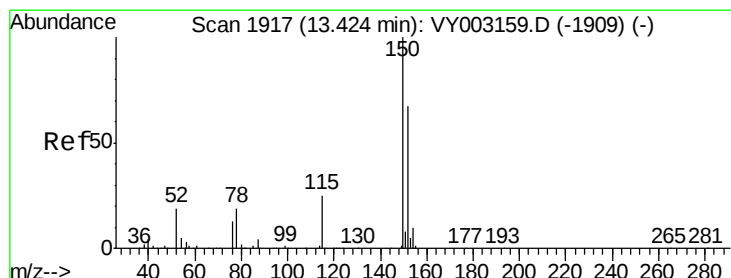
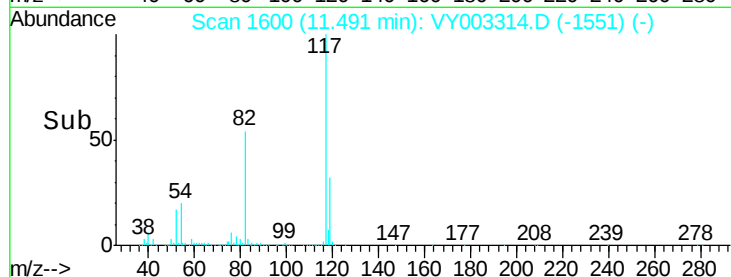
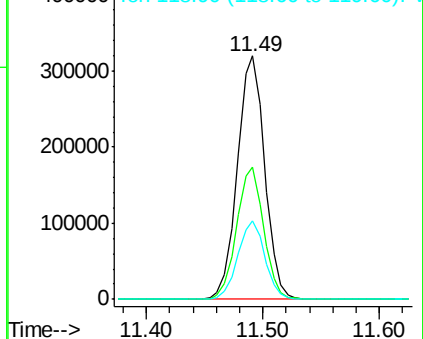
119 32.1 25.5 38.3



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. -0.00 min

Lab File: VY003314.D

Acq: 23 Jul 2020 14:22

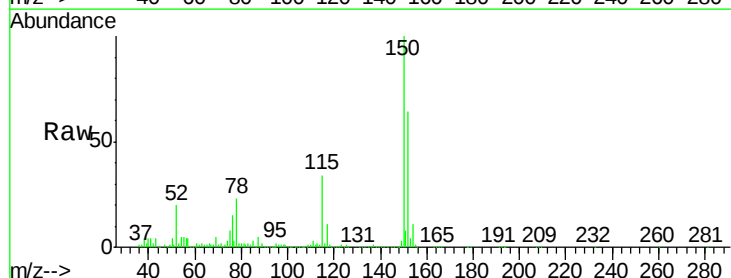
Tgt Ion:152 Resp: 159378

Ion Ratio Lower Upper

152 100

115 53.5 26.9 80.7

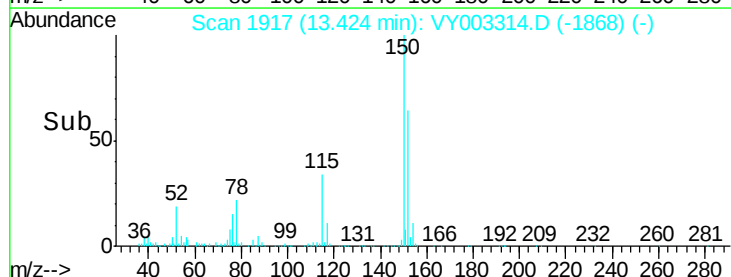
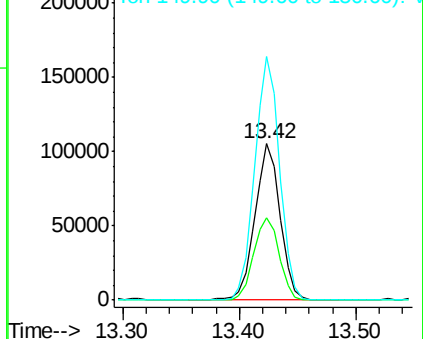
150 153.0 0.0 338.0

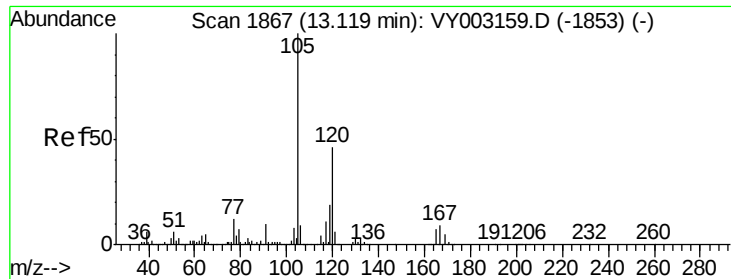


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#84

1,2,4-Trimethylbenzene

Concen: 1.146 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY003314.D

Acq: 23 Jul 2020 14:22

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-241

Tot Ion:105 Resp: 9760

Ion Ratio Lower Upper

105 100

120 46.0 22.5 67.5

