

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072420\
 Data File : VY003339.D
 Acq On : 24 Jul 2020 18:03
 Operator : SY/MD
 Sample : L3436-07
 Misc : 6.70G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 7

Quant Time: Jul 25 02:37:14 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

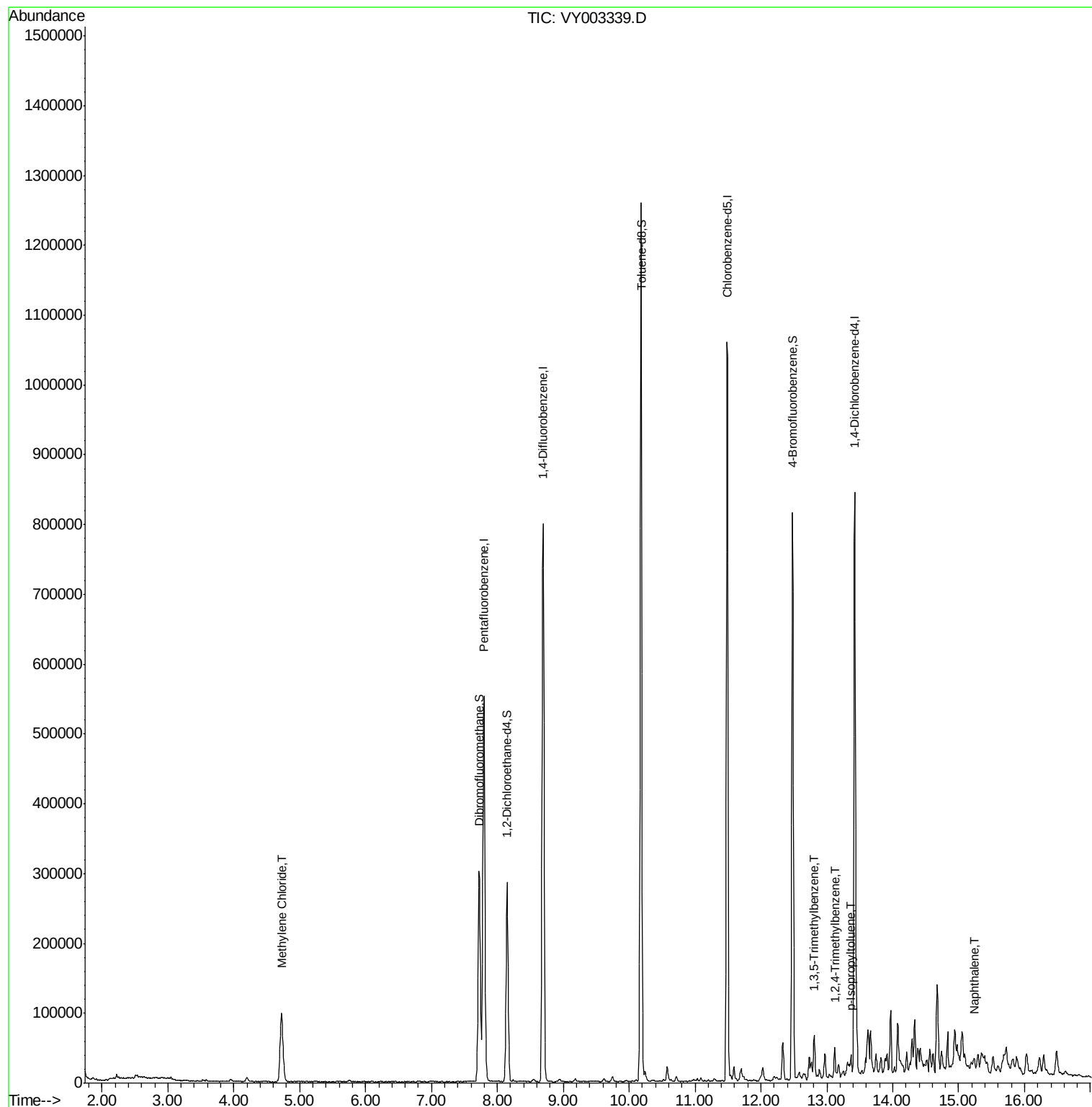
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	452231	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	708707	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	593961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	221910	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	218489	57.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.48%	
35) Dibromofluoromethane	7.72	113	213769	52.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.82%	
50) Toluene-d8	10.18	98	830736	54.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.58%	
62) 4-Bromofluorobenzene	12.48	95	231315	42.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.46%	
Target Compounds						
20) Methylene Chloride	4.72	84	77616	14.153	ug/l	93
80) 1,3,5-Trimethylbenzene	12.81	105	26989	2.290	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	22502	1.897	ug/l	97
86) p-Isopropyltoluene	13.37	119	14726	1.103	ug/l	97
95) Naphthalene	15.23	128	12411	1.765	ug/l	97

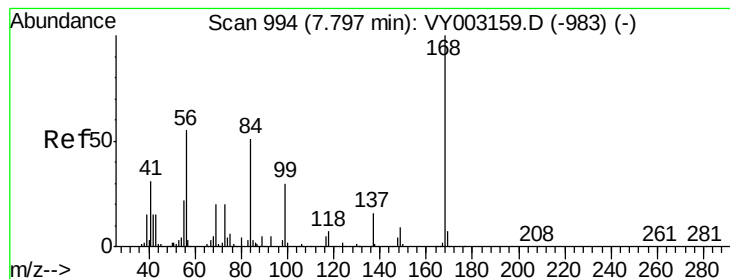
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072420\
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Quant Title : SW846 8260
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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: VY003339.D

Acq: 24 Jul 2020 18:03

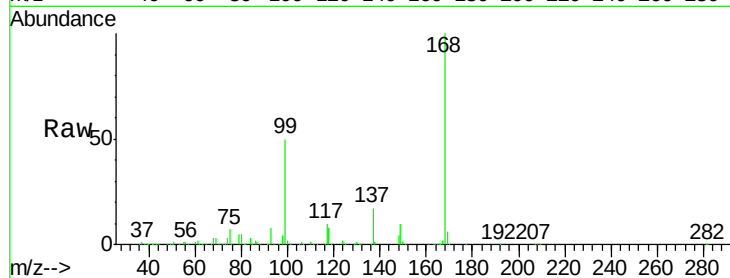
Instrument :
MSVOA_Y
ClientSampled :
7

Tot Ion:168 Resp: 452231

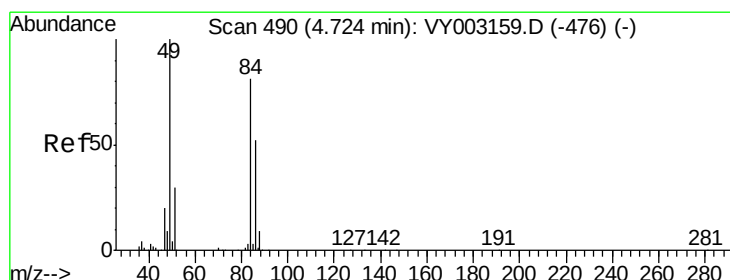
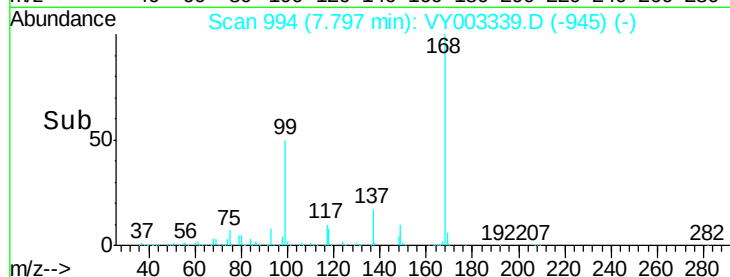
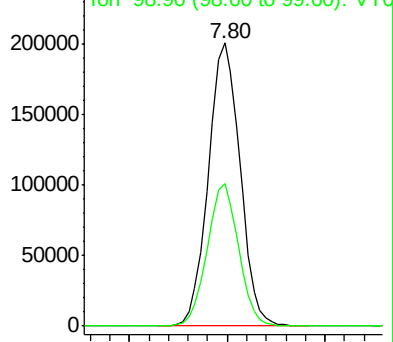
Ion Ratio Lower Upper

168 100

99 50.2 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003339.D (-945) (-)



#20

Methylene Chloride

Concen: 14.153 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003339.D

Acq: 24 Jul 2020 18:03

Tgt Ion: 84 Resp: 77616

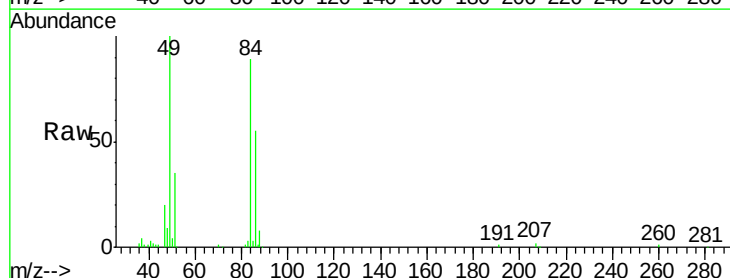
Ion Ratio Lower Upper

84 100

49 112.0 98.2 147.4

51 39.1 29.8 44.6

86 61.7 51.2 76.8

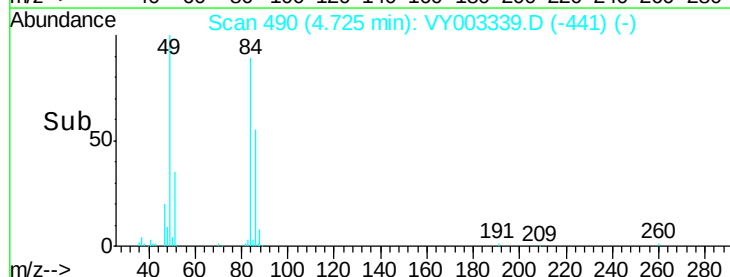


Abundance Ion 83.90 (83.60 to 84.60): VY003339.D (-441) (-)

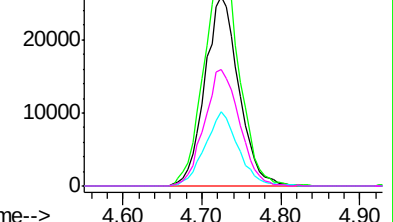
Ion 48.90 (48.60 to 49.60): VY003339.D (-441) (-)

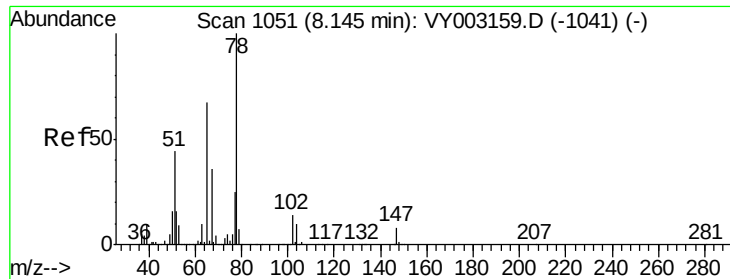
Ion 50.90 (50.60 to 51.60): VY003339.D (-441) (-)

Ion 85.90 (85.60 to 86.60): VY003339.D (-441) (-)



Abundance

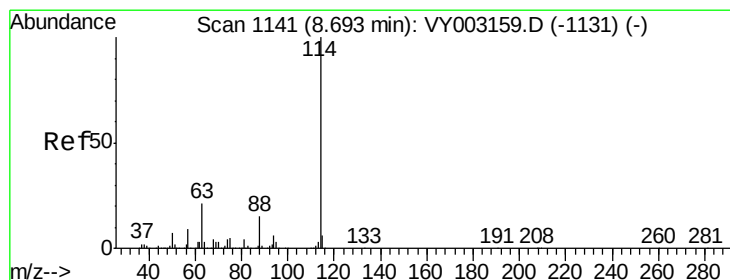
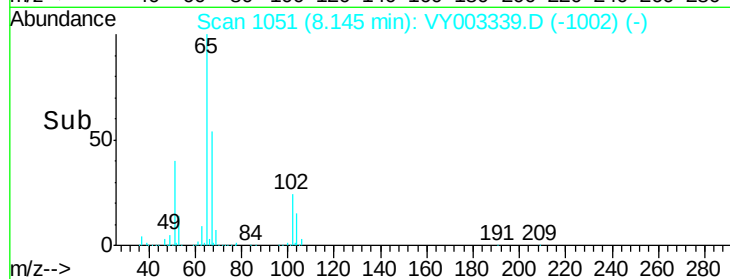
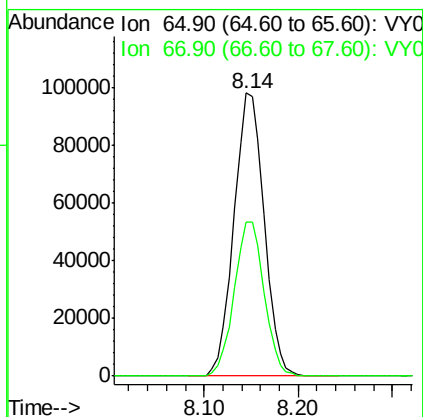
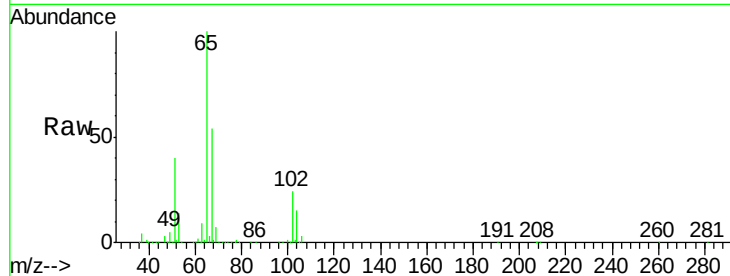




#33
 1,2-Dichloroethane-d4
 Concen: 57.241 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003339.D
 Acq: 24 Jul 2020 18:03

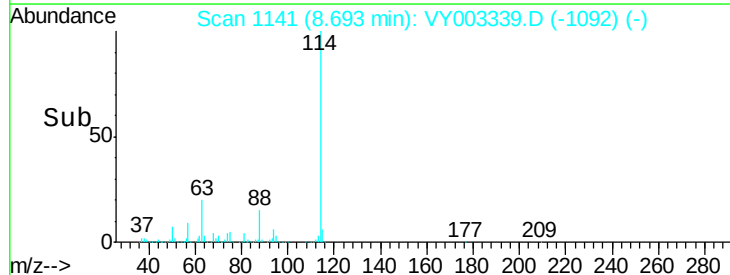
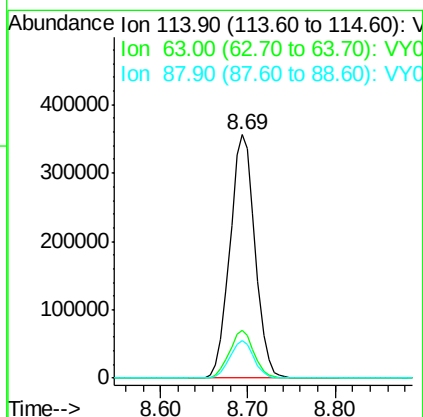
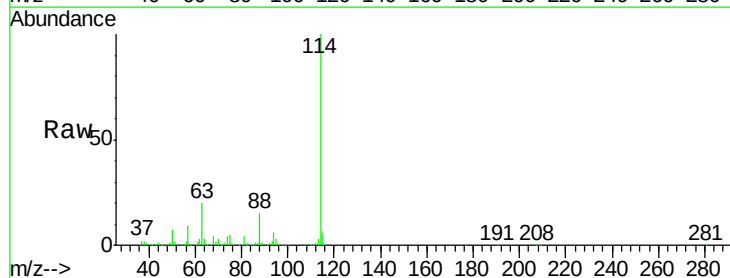
Instrument :
 MSVOA_Y
 ClientSampled :
 7

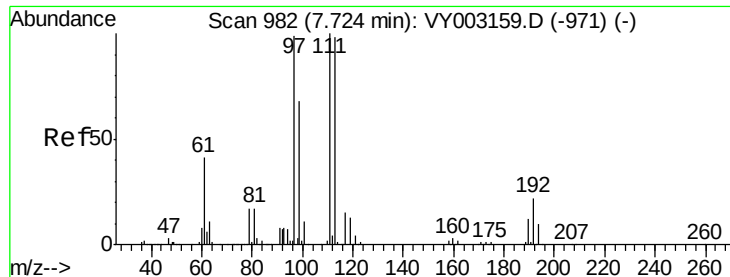
Tot Ion: 65 Resp: 218489
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003339.D
 Acq: 24 Jul 2020 18:03

Tgt Ion: 114 Resp: 708707
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 41.2
 88 15.2 0.0 30.2

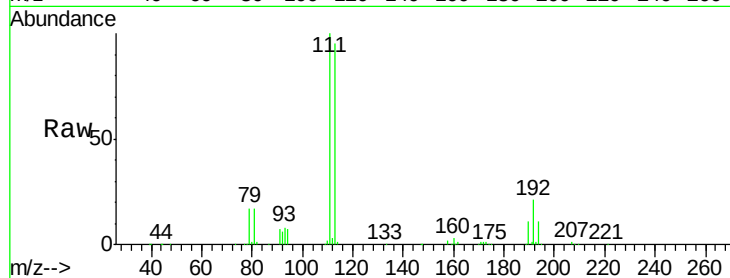




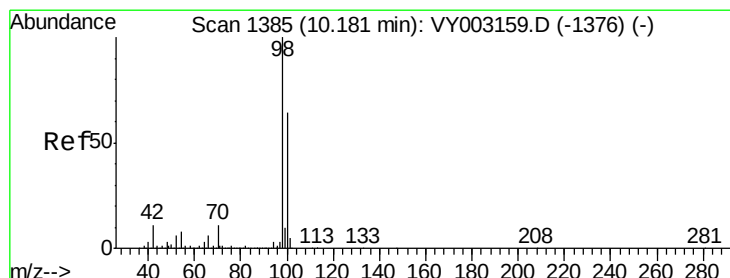
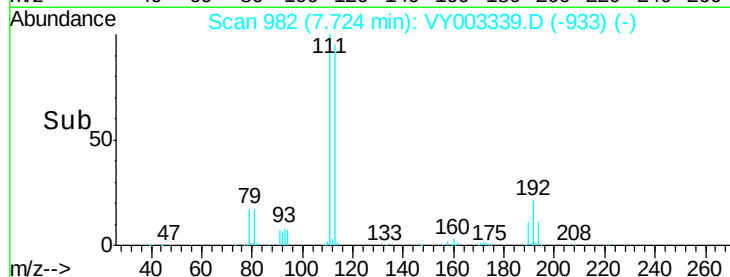
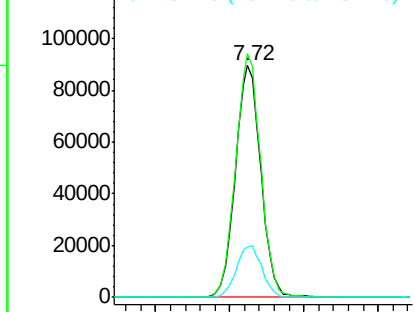
#35
Dibromofluoromethane
Concen: 52.414 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY003339.D
Acq: 24 Jul 2020 18:03

Instrument :
MSVOA_Y
ClientSampled :
7

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.1	123.1
192	22.5	18.8	28.2

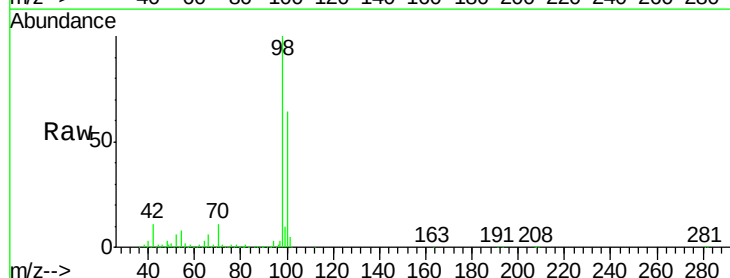


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

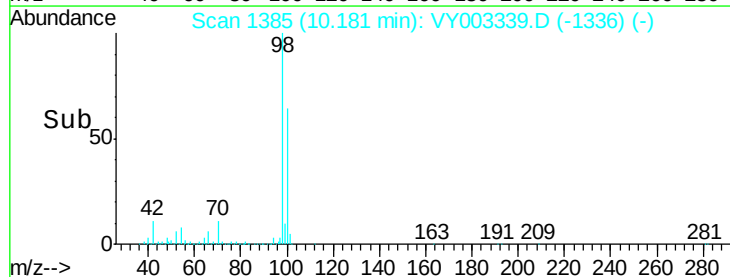
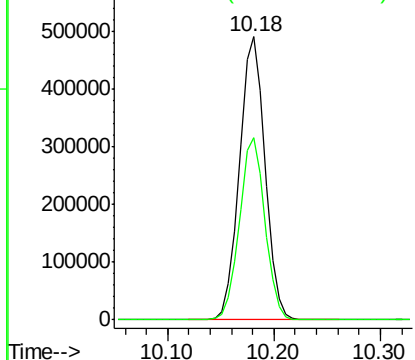


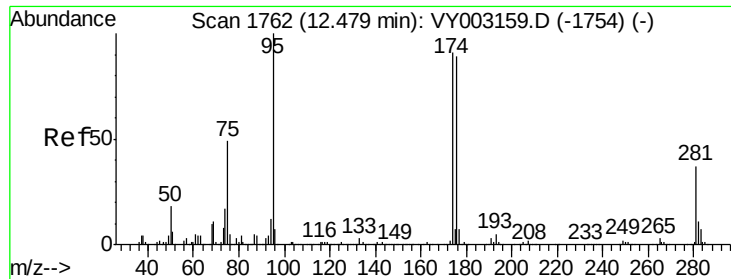
#50
Toluene-d8
Concen: 54.787 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003339.D
Acq: 24 Jul 2020 18:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.7	76.1



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

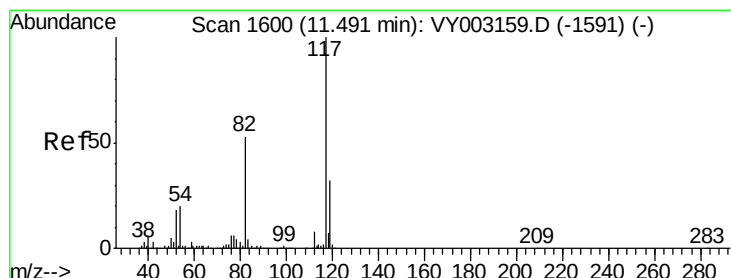
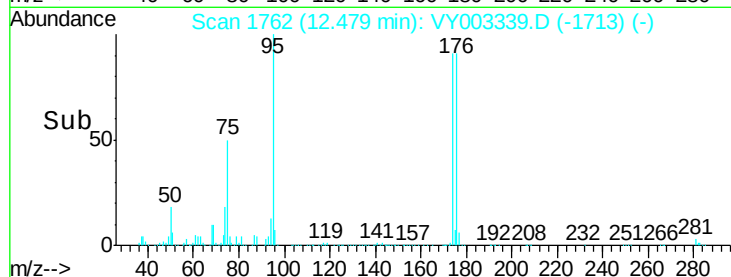
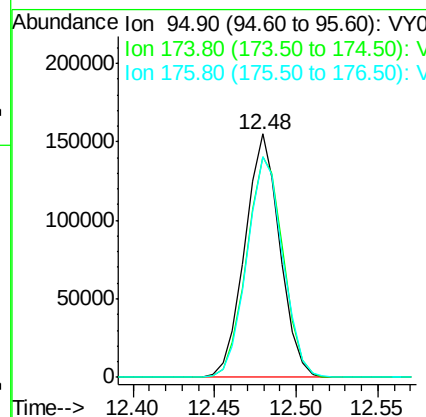
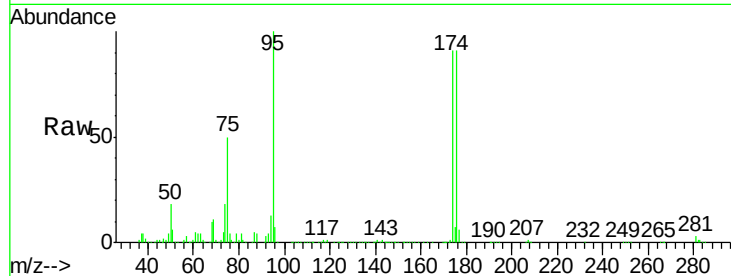




#62
4-Bromofluorobenzene
Concen: 42.228 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY003339.D
Acq: 24 Jul 2020 18:03

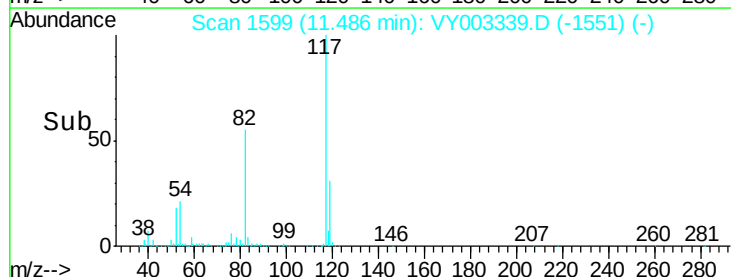
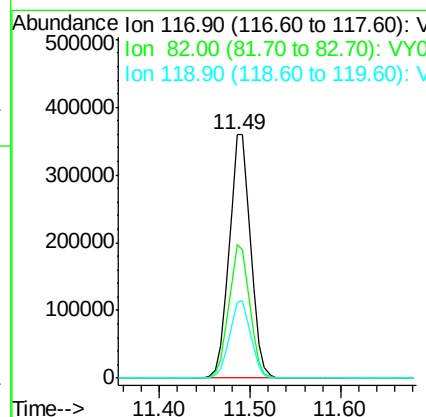
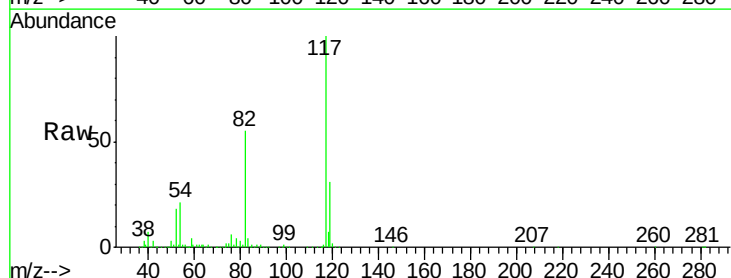
Instrument :
MSVOA_Y
ClientSampled :
7

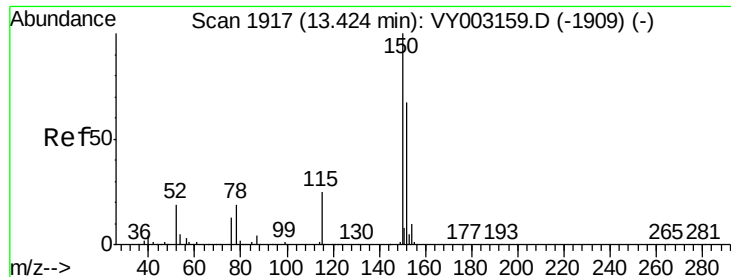
Tot Ion	Ratio	Lower	Upper
95	100		
174	94.5	0.0	190.6
176	92.9	0.0	186.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003339.D
Acq: 24 Jul 2020 18:03

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.6	42.0	63.0
119	31.1	25.5	38.3

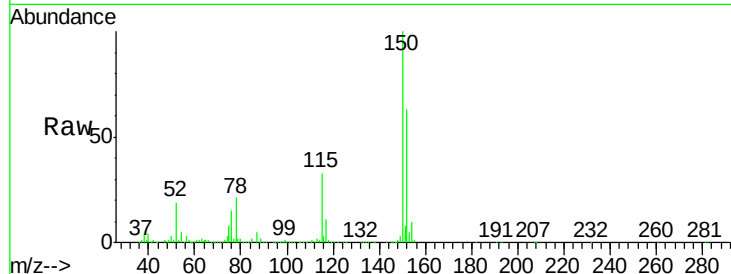




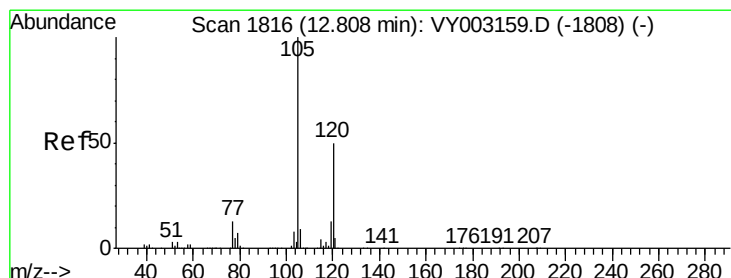
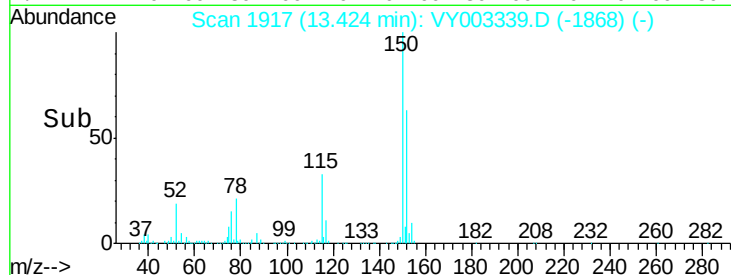
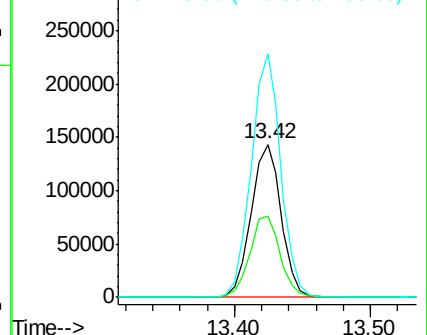
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. 0.00 min
 Lab File: VY003339.D
 Acq: 24 Jul 2020 18:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 7

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.5	26.9	80.7
150	156.3	0.0	338.0

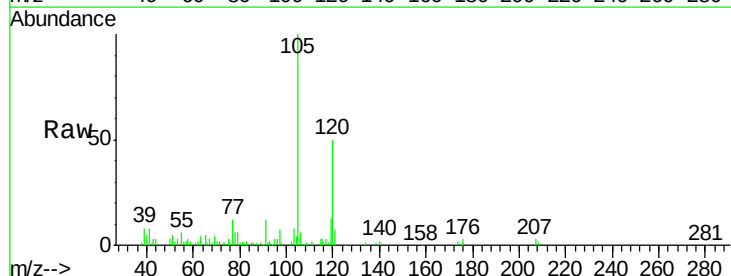


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

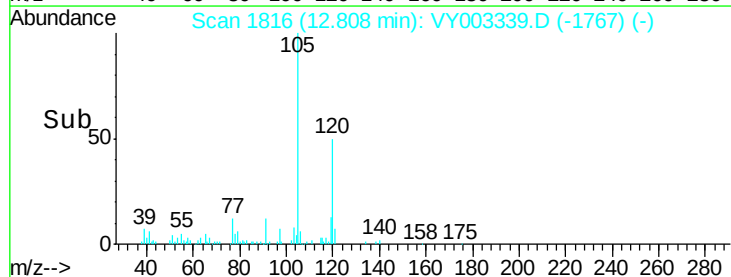
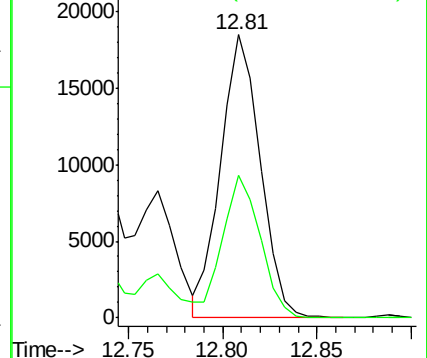


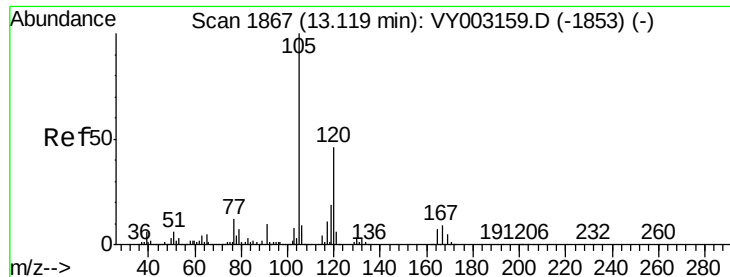
#80
 1,3,5-Trimethylbenzene
 Concen: 2.290 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY003339.D
 Acq: 24 Jul 2020 18:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.4	24.9	74.6



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

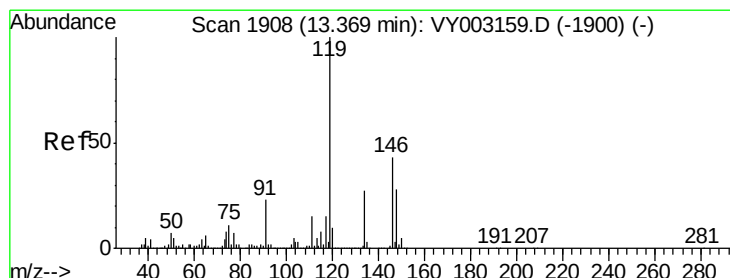
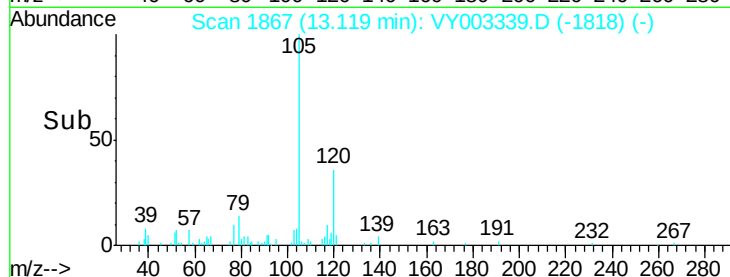
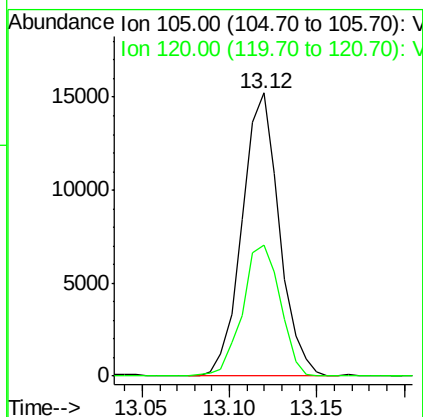
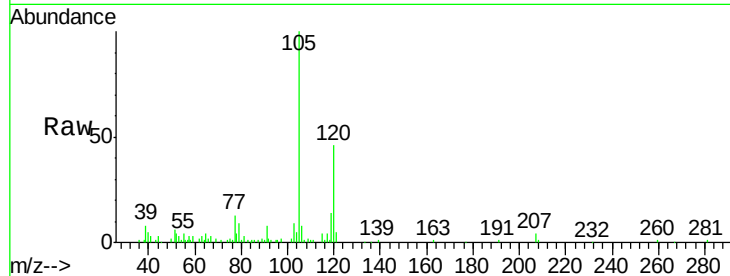




#84
 1,2,4-Trimethylbenzene
 Concen: 1.897 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY003339.D
 Acq: 24 Jul 2020 18:03

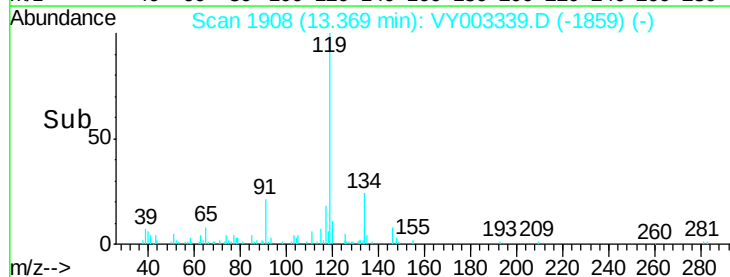
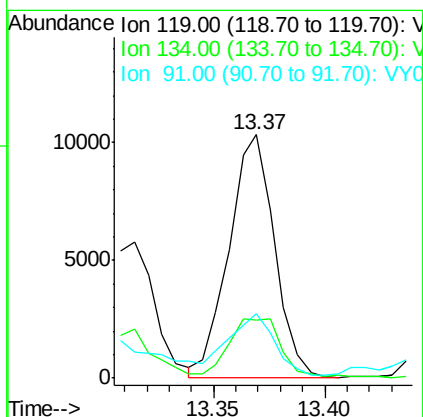
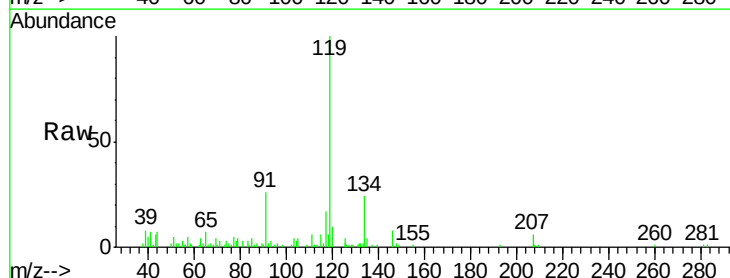
Instrument :
 MSVOA_Y
 ClientSampleId :
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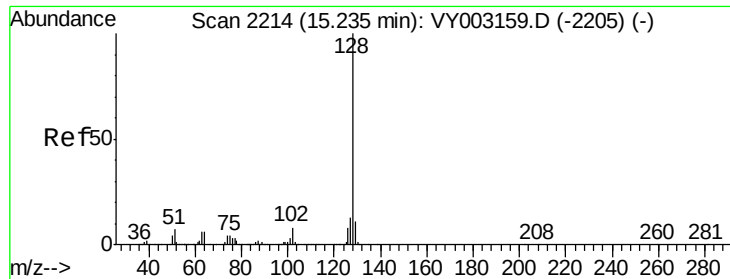
Tot Ion:105 Resp: 22502
 Ion Ratio Lower Upper
 105 100
 120 47.1 22.5 67.5



#86
 p-Isopropyltoluene
 Concen: 1.103 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY003339.D
 Acq: 24 Jul 2020 18:03

Tgt Ion:119 Resp: 14726
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.4 40.2
 91 25.1 11.2 33.6





#95

Naphthalene

Concen: 1.765 ug/l

RT: 15.23 min Scan# 2213

Delta R.T. -0.01 min

Lab File: VY003339.D

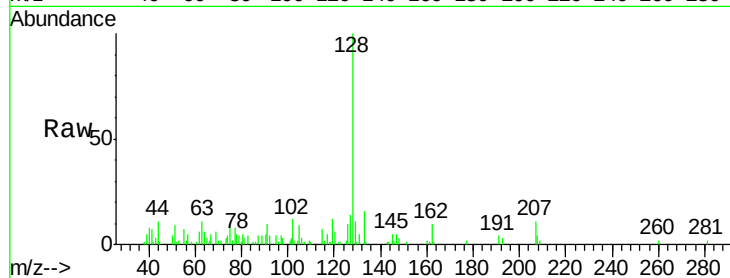
Acq: 24 Jul 2020 18:03

Instrument :

MSVOA_Y

ClientSampleId :

7



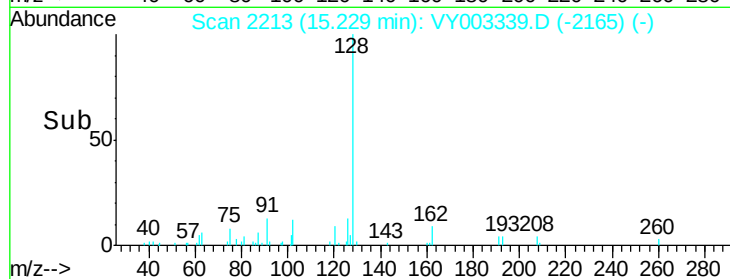
Tot Ion:128 Resp: 12411

Ion Ratio Lower Upper

128 100

127 15.1 10.9 16.3

129 12.0 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

