

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072420\
 Data File : VY003346.D
 Acq On : 24 Jul 2020 20:50
 Operator : SY/MD
 Sample : L3436-14
 Misc : 6.27G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 14

Quant Time: Jul 25 01:43:09 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	439511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	683735	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	587232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	233307	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	218079	58.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.58%	
35) Dibromofluoromethane	7.72	113	214536	54.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.04%	
50) Toluene-d8	10.18	98	801921	54.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.64%	
62) 4-Bromofluorobenzene	12.48	95	234815	44.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.86%	

Target Compounds

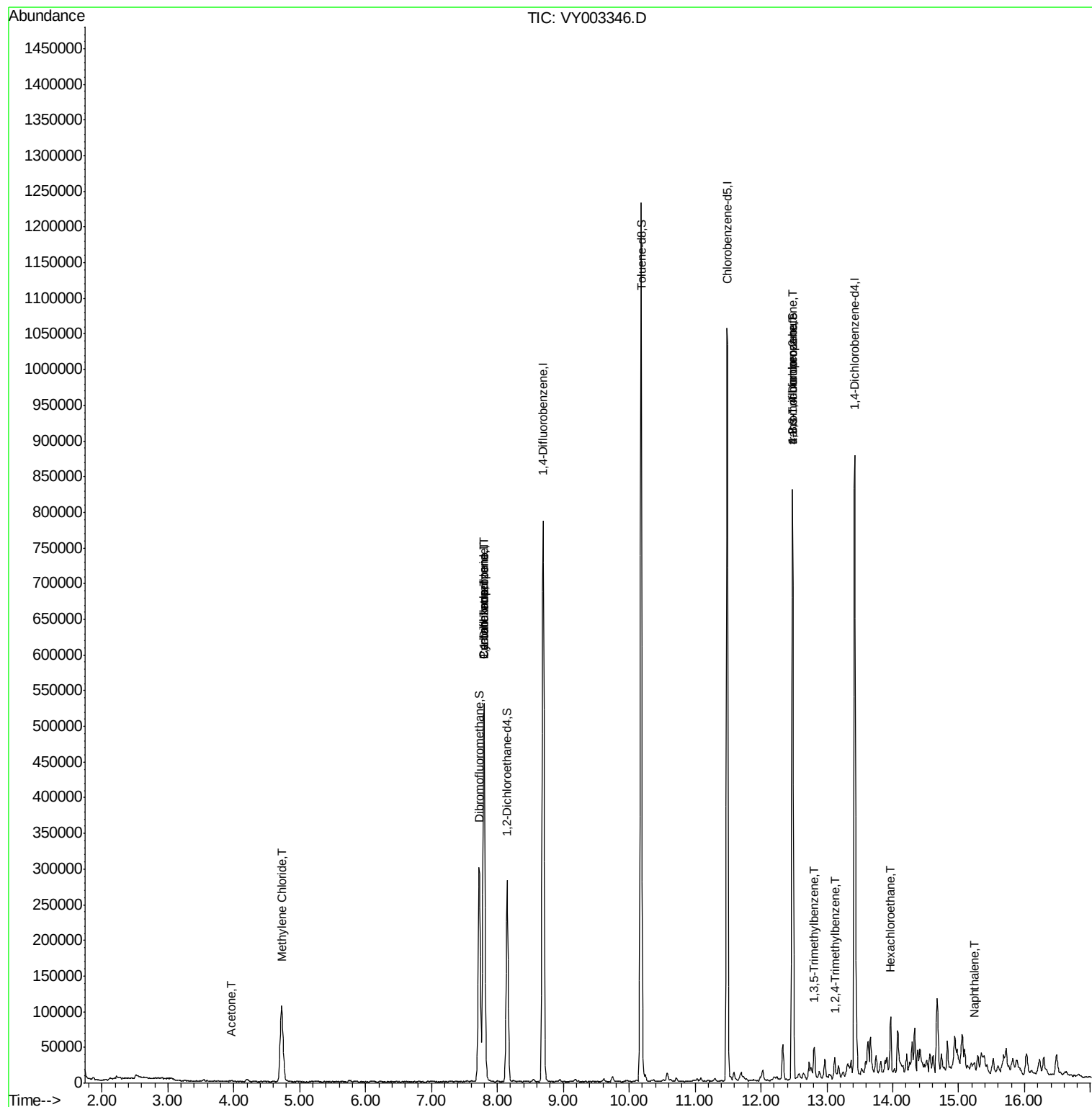
						Qvalue
16) Acetone	3.96	43	2763	3.334	ug/l #	83
20) Methylene Chloride	4.73	84	83303	16.274	ug/l	96
31) Cyclohexane	7.80	56	7737	1.147	ug/l #	24
36) 1,1-Dichloropropene	7.80	75	30027	4.845	ug/l #	50
38) Carbon Tetrachloride	7.79	117	38734	6.055	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	119611	57.918	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.81	105	18975	1.531	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.48	75	119611	112.720	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.12	105	14923	1.197	ug/l	96
90) Hexachloroethane	13.97	117	3220	1.260	ug/l #	6
95) Naphthalene	15.23	128	7889	1.067	ug/l	94

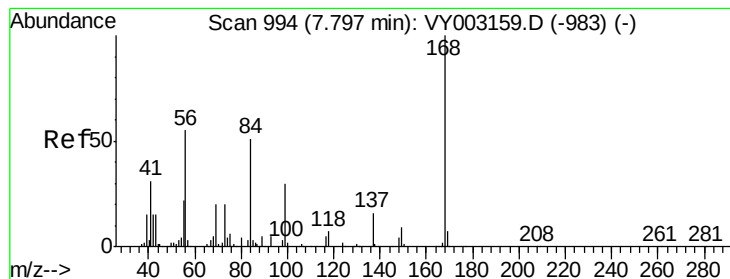
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
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: VY003346.D

Acq: 24 Jul 2020 20:50

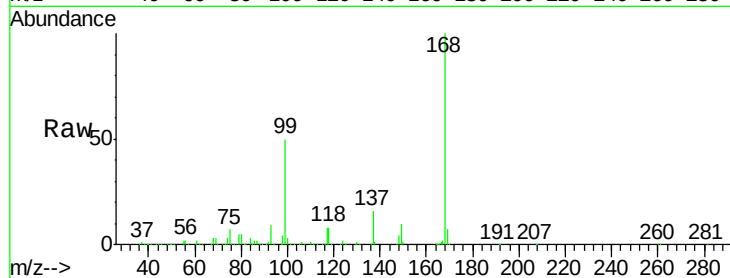
Instrument :
MSVOA_Y
ClientSampleId :
14

Tot Ion:168 Resp: 439511

Ion Ratio Lower Upper

168 100

99 49.6 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003346.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003346.D (-945) (-)

7.80

200000

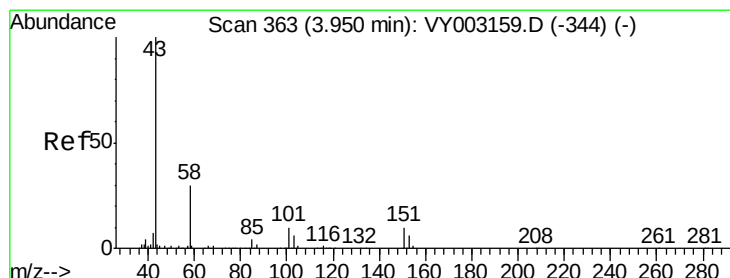
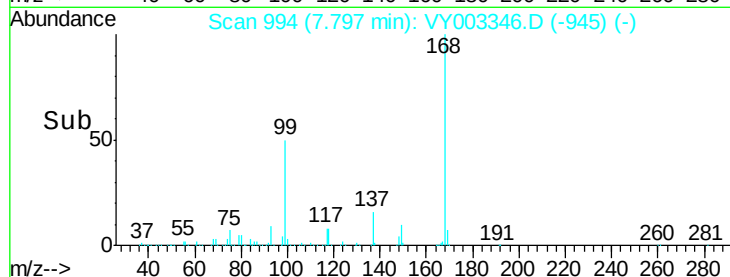
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 3.334 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY003346.D

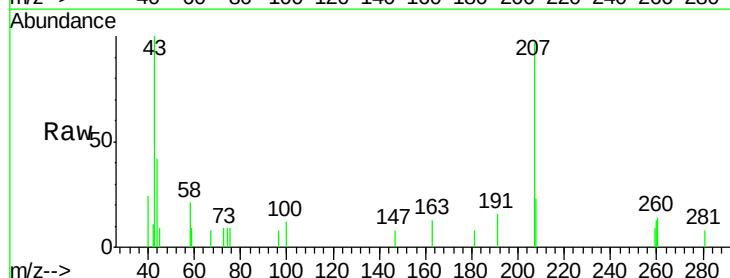
Acq: 24 Jul 2020 20:50

Tgt Ion: 43 Resp: 2763

Ion Ratio Lower Upper

43 100

58 20.7 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VY003346.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003346.D (-314) (-)

3.96

1000

800

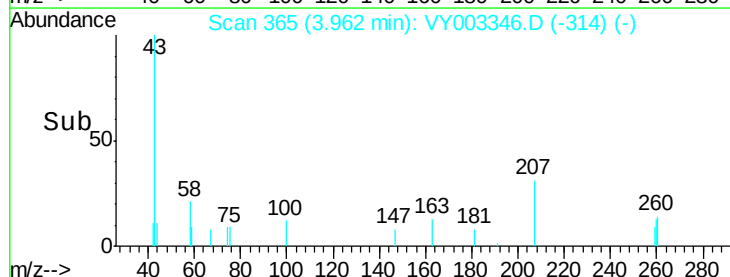
600

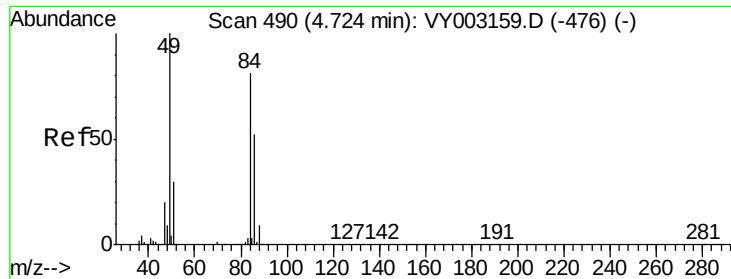
400

200

0

Time-->

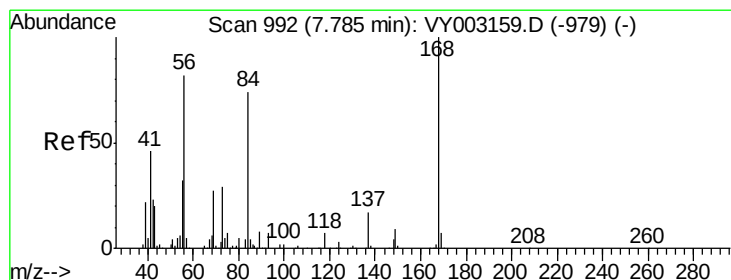
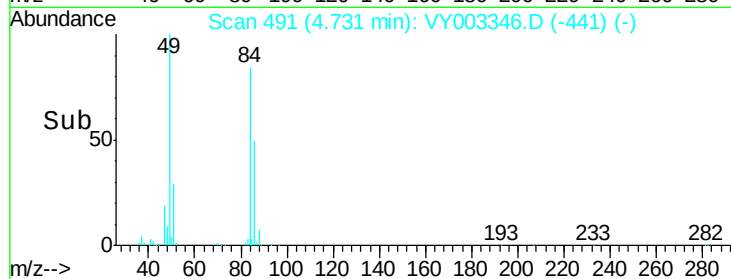
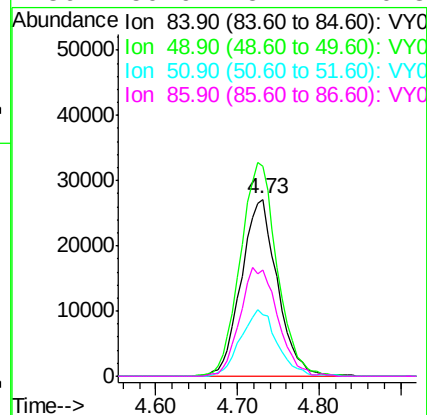
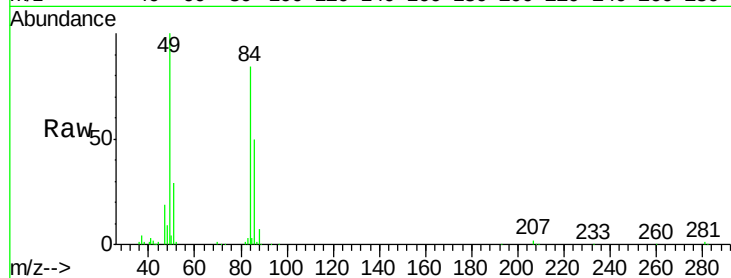




#20
Methylene Chloride
Concen: 16.274 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY003346.D
Acq: 24 Jul 2020 20:50

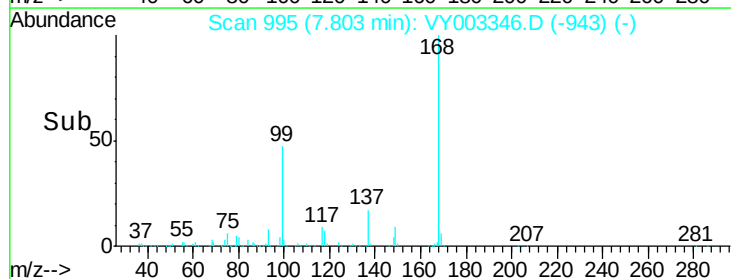
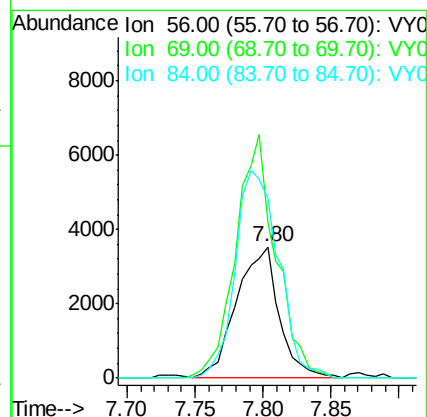
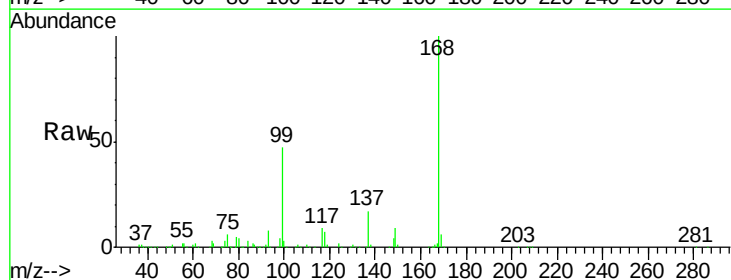
Instrument :
MSVOA_Y
ClientSampled :
14

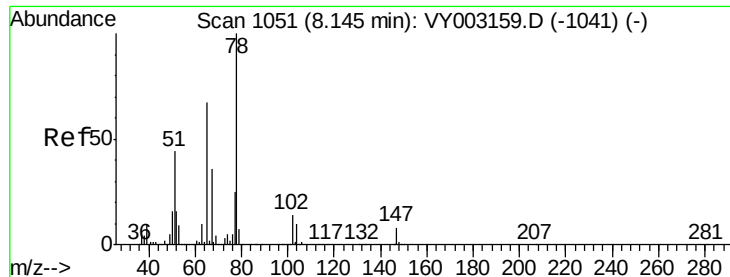
Tot Ion:	84	Resp:	83303
Ion	Ratio	Lower	Upper
84	100		
49	119.0	98.2	147.4
51	34.8	29.8	44.6
86	59.9	51.2	76.8



#31
Cyclohexane
Concen: 1.147 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.02 min
Lab File: VY003346.D
Acq: 24 Jul 2020 20:50

Tgt Ion:	56	Resp:	7737
Ion	Ratio	Lower	Upper
56	100		
69	118.5	26.7	40.1#
84	136.4	72.3	108.5#

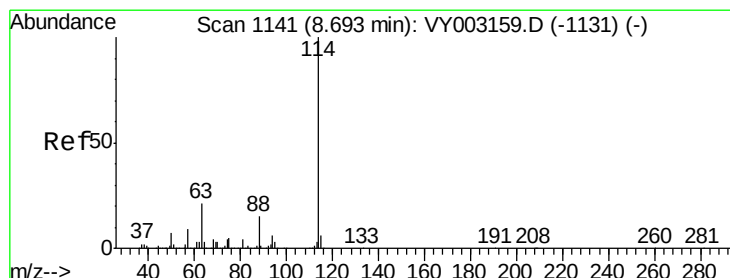
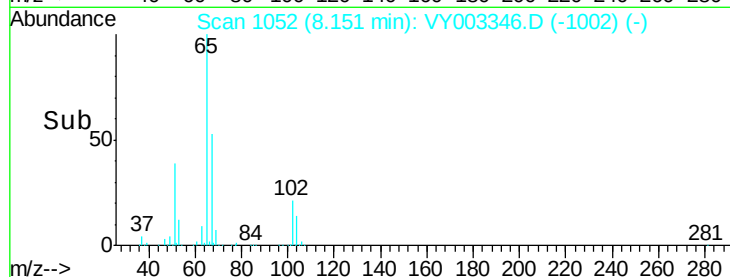
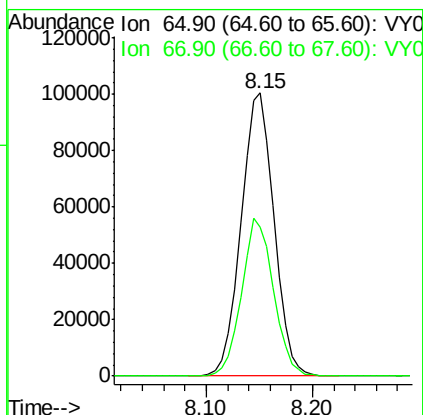
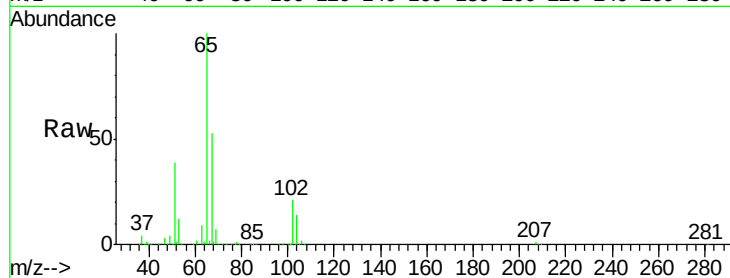




#33
 1,2-Dichloroethane-d4
 Concen: 58.787 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003346.D
 Acq: 24 Jul 2020 20:50

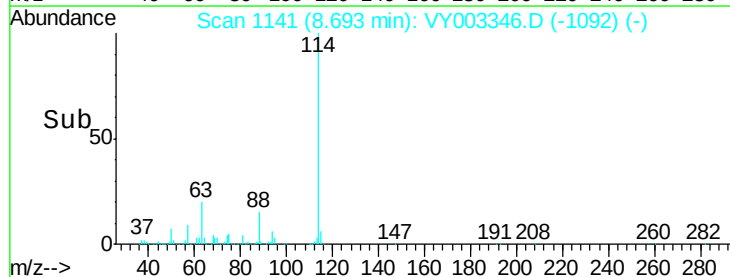
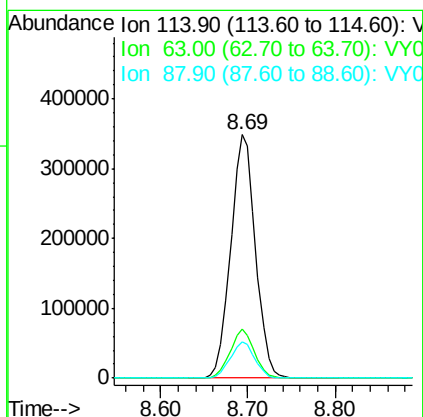
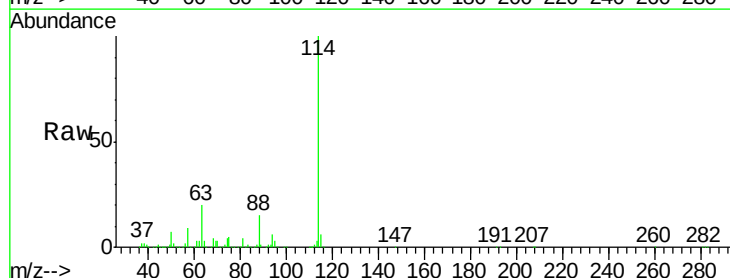
Instrument :
 MSVOA_Y
 ClientSampled :
 14

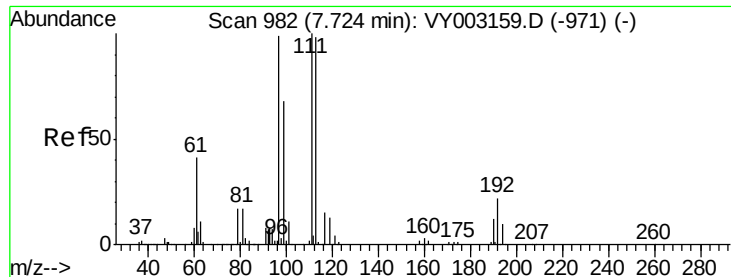
Tot Ion: 65 Resp: 218079
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003346.D
 Acq: 24 Jul 2020 20:50

Tgt Ion: 114 Resp: 683735
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.2
 88 15.0 0.0 30.2

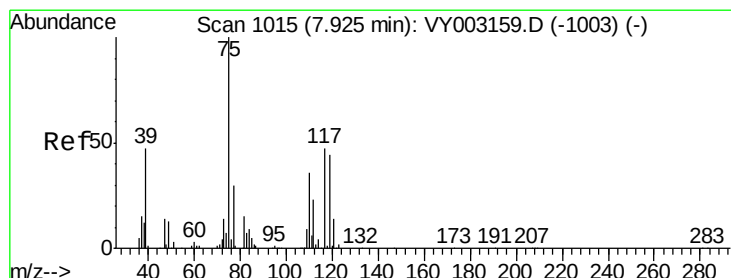
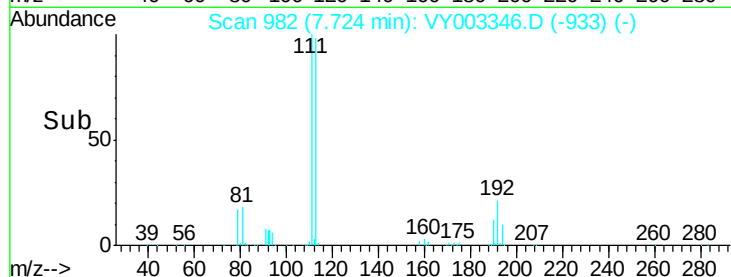
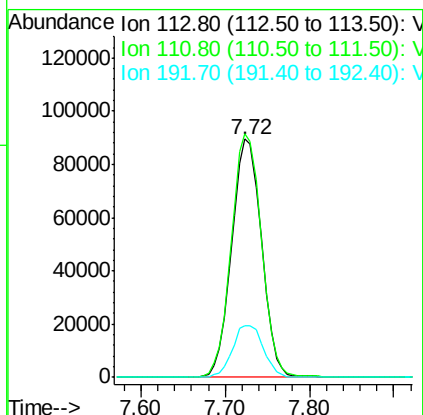
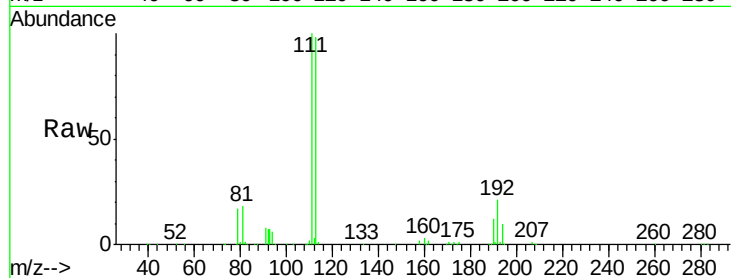




#35
 Dibromofluoromethane
 Concen: 54.524 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003346.D
 Acq: 24 Jul 2020 20:50

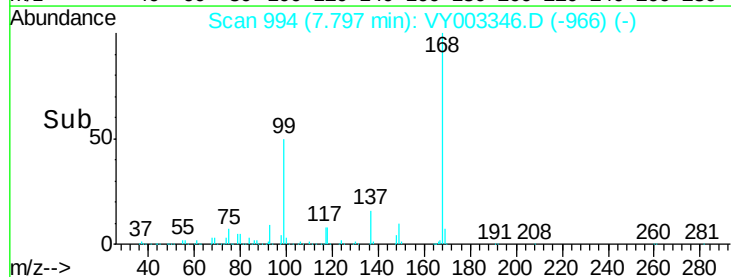
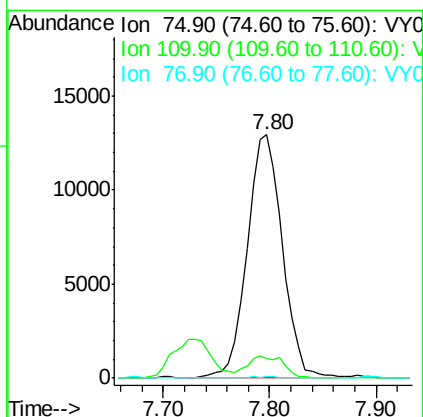
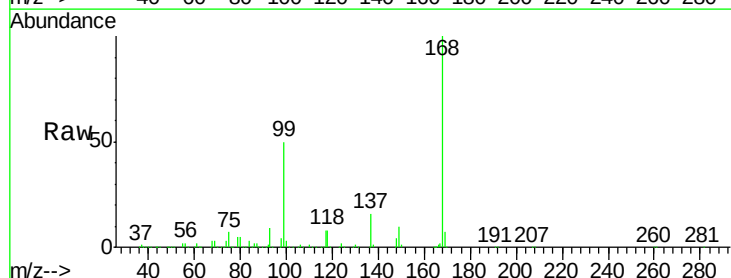
Instrument :
 MSVOA_Y
 ClientSampleId :
 14

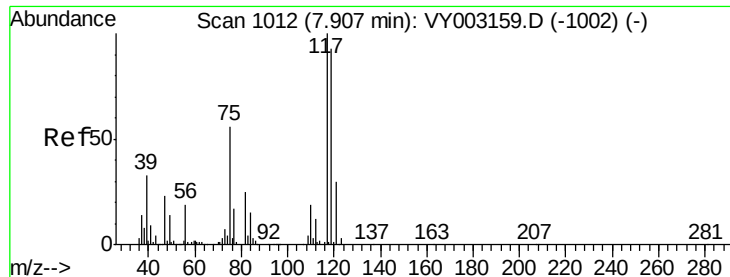
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.1	123.1
192	22.5	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 4.845 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY003346.D
 Acq: 24 Jul 2020 20:50

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.1	54.1#
77	0.2	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 6.055 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.12 min

Lab File: VY003346.D

Acq: 24 Jul 2020 20:50

Instrument :

MSVOA_Y

ClientSampled :

14

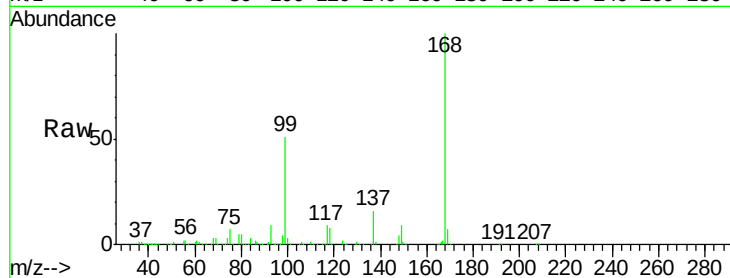
Tot Ion:117 Resp: 38734

Ion Ratio Lower Upper

117 100

119 5.2 74.5 111.7#

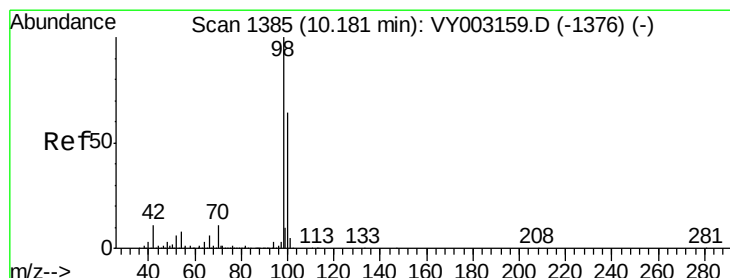
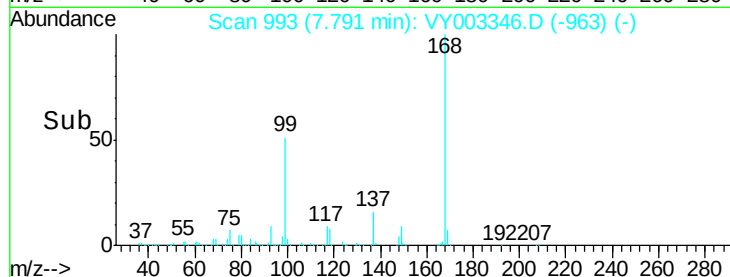
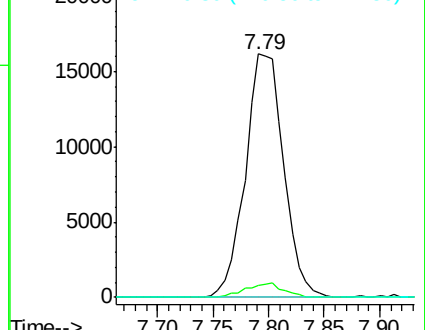
121 0.0 24.2 36.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 54.818 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003346.D

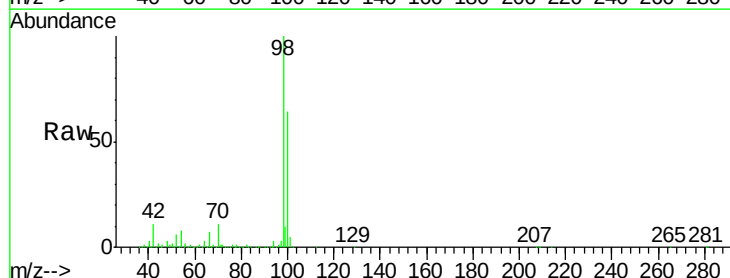
Acq: 24 Jul 2020 20:50

Tgt Ion: 98 Resp: 801921

Ion Ratio Lower Upper

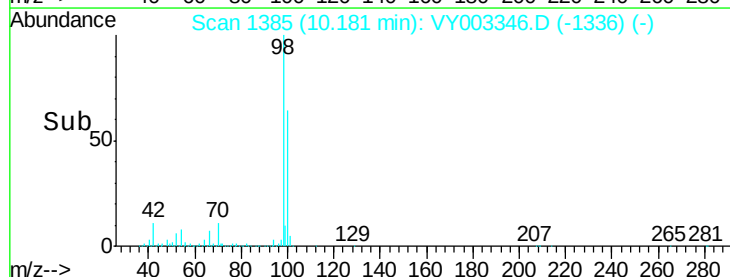
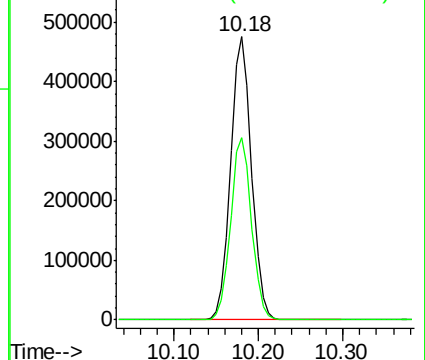
98 100

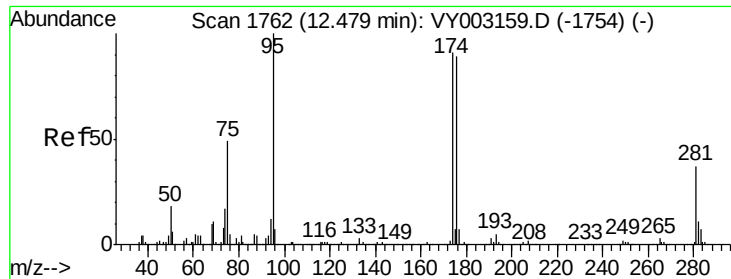
100 64.4 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 44.432 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003346.D

Acq: 24 Jul 2020 20:50

Instrument :

MSVOA_Y

ClientSampleId :

14

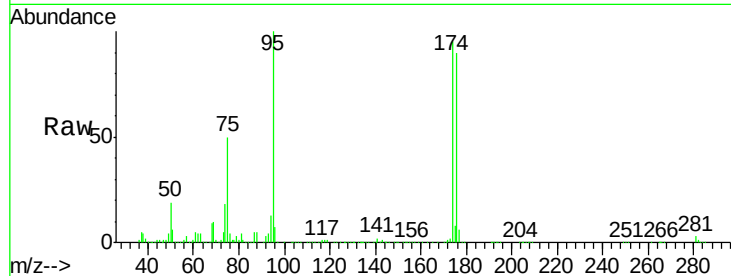
Tot Ion: 95 Resp: 234815

Ion Ratio Lower Upper

95 100

174 95.5 0.0 190.6

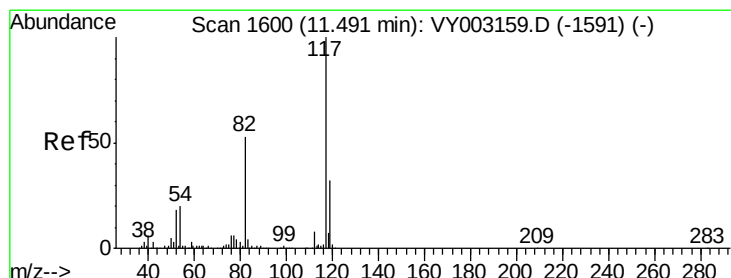
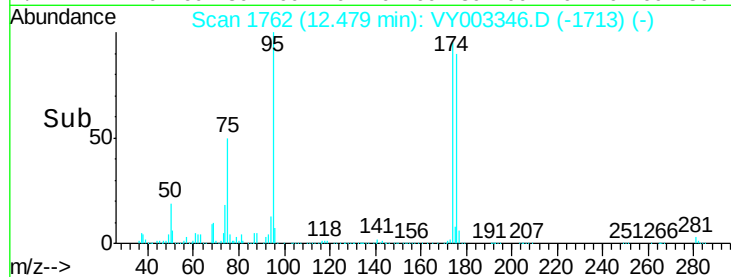
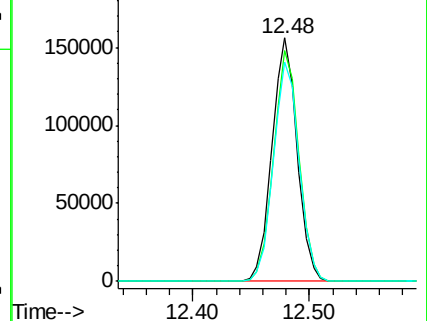
176 91.9 0.0 186.4



Abundance Ion 94.90 (94.60 to 95.60): VY003346.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY003346.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY003346.D (-1754) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VY003346.D

Acq: 24 Jul 2020 20:50

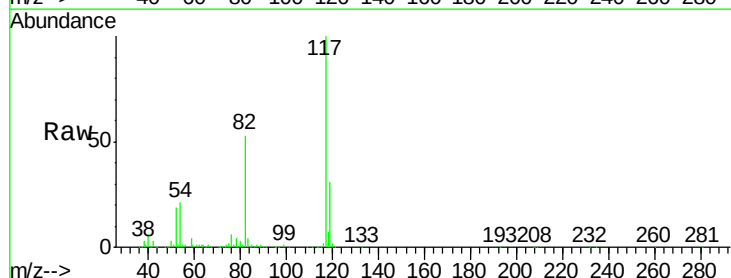
Tgt Ion: 117 Resp: 587232

Ion Ratio Lower Upper

117 100

82 53.1 42.0 63.0

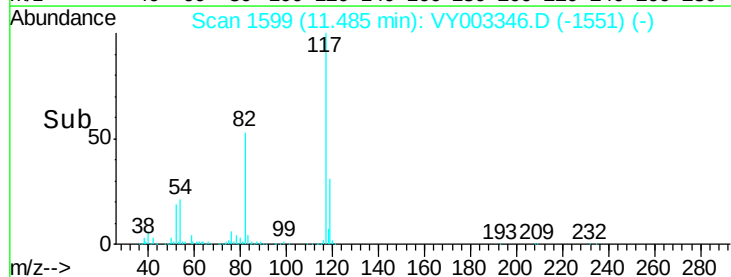
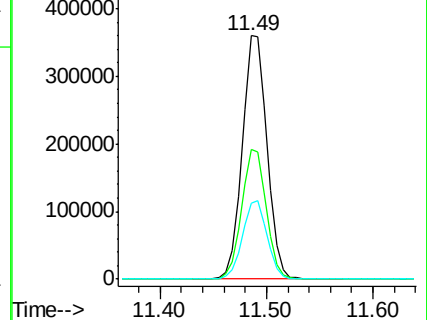
119 30.9 25.5 38.3

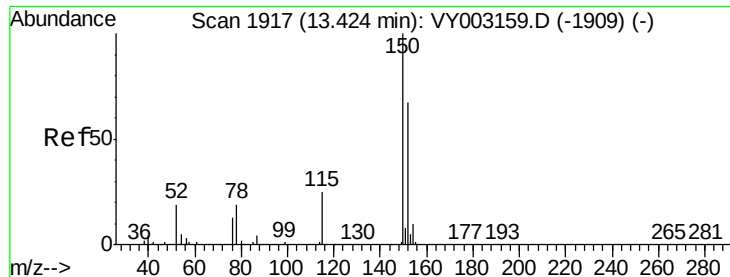


Abundance Ion 116.90 (116.60 to 117.60): VY003346.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY003346.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY003346.D (-1551) (-)

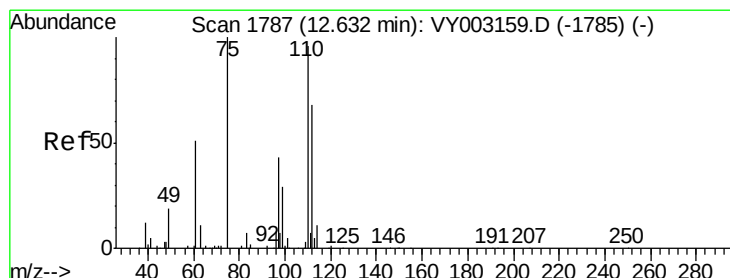
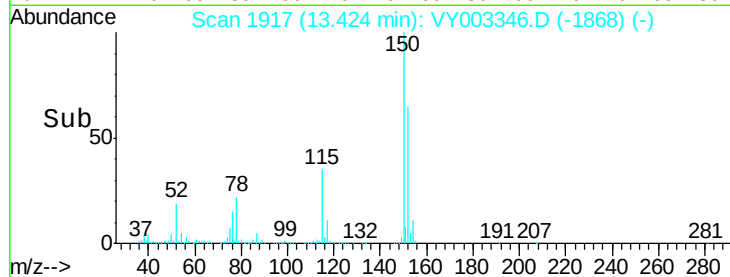
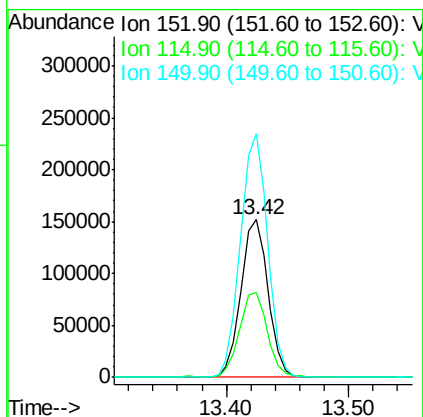
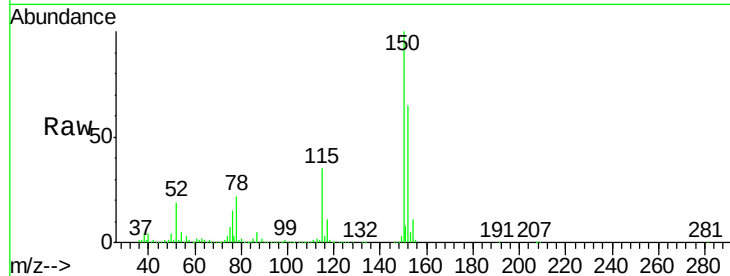




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. 0.00 min
 Lab File: VY003346.D
 Acq: 24 Jul 2020 20:50

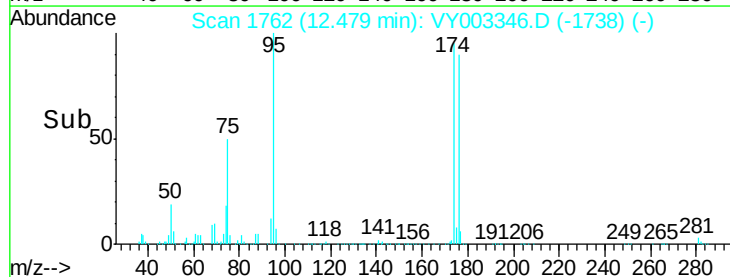
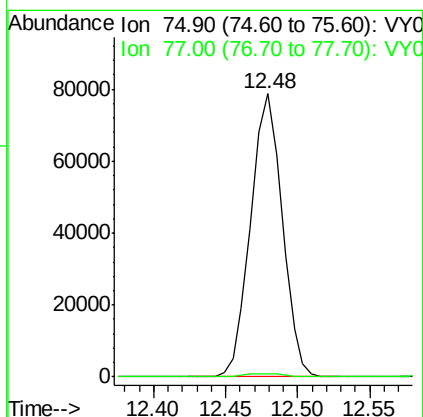
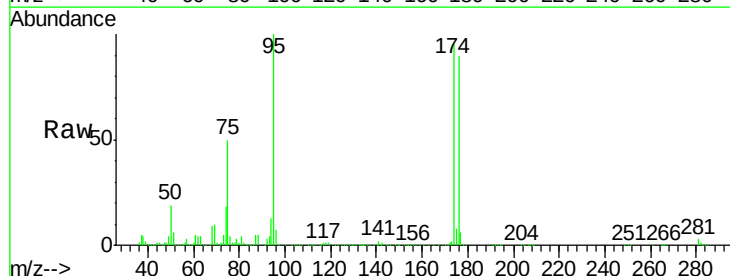
Instrument :
 MSVOA_Y
 ClientSampled :
 14

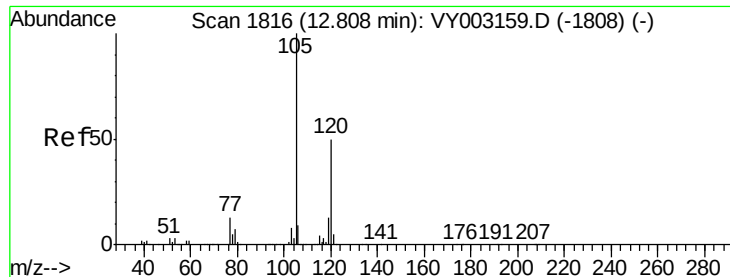
Tot Ion	Ratio	Lower	Upper
152	100		
115	54.6	26.9	80.7
150	154.8	0.0	338.0



#76
 1,2,3-Trichloropropane
 Concen: 57.918 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.15 min
 Lab File: VY003346.D
 Acq: 24 Jul 2020 20:50

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.6	0.0	0.0

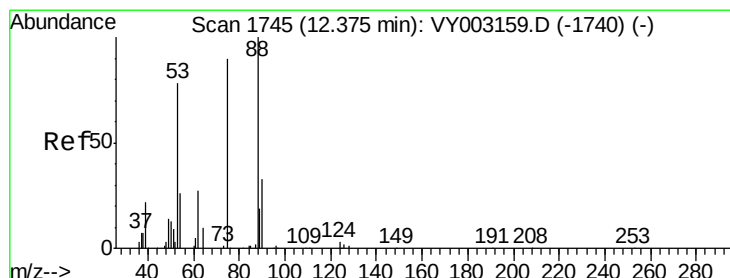
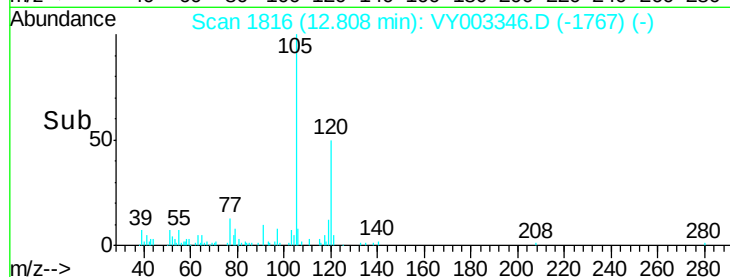
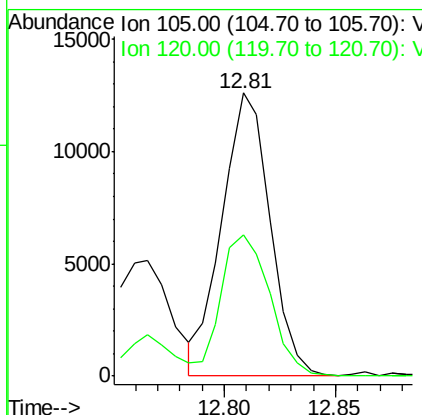
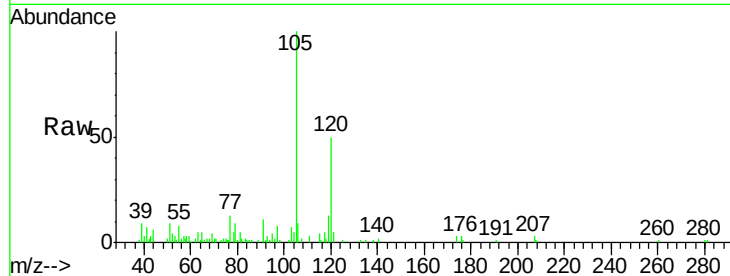




#80
 1,3,5-Trimethylbenzene
 Concen: 1.531 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY003346.D
 Acq: 24 Jul 2020 20:50

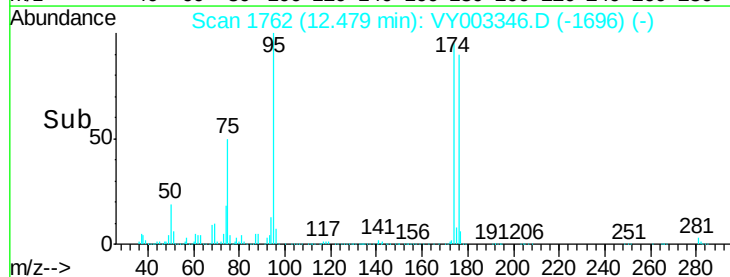
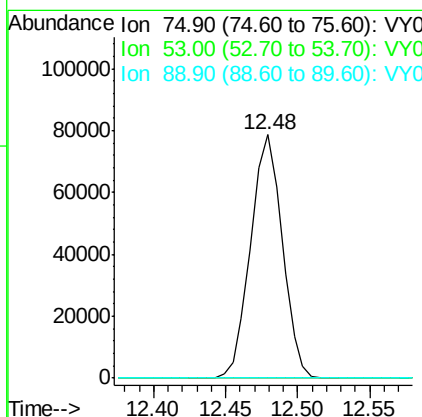
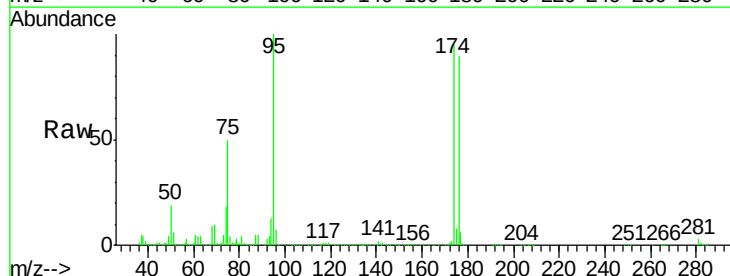
Instrument :
 MSVOA_Y
 ClientSampled :
 14

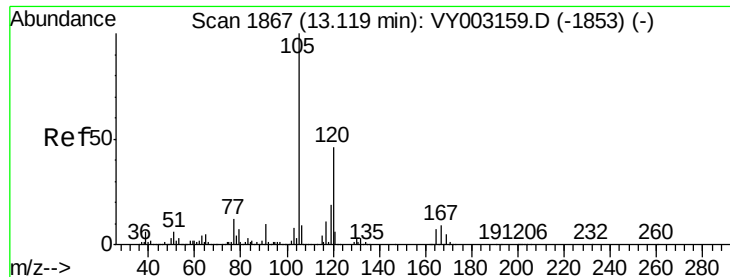
Tot Ion:105 Resp: 18975
 Ion Ratio Lower Upper
 105 100
 120 50.7 24.9 74.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.720 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.10 min
 Lab File: VY003346.D
 Acq: 24 Jul 2020 20:50

Tgt Ion: 75 Resp: 119611
 Ion Ratio Lower Upper
 75 100
 53 0.1 72.0 108.0#
 89 0.0 37.3 55.9#

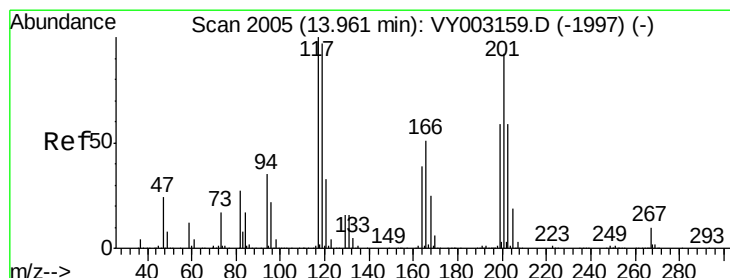
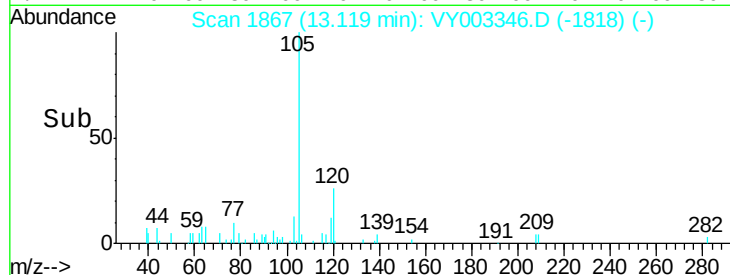
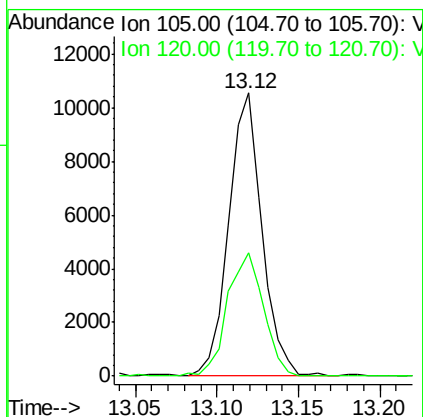
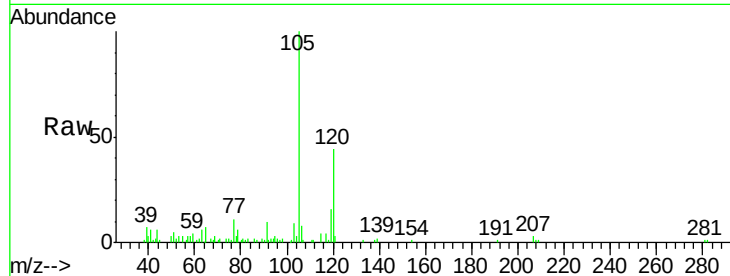




#84
 1,2,4-Trimethylbenzene
 Concen: 1.197 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY003346.D
 Acq: 24 Jul 2020 20:50

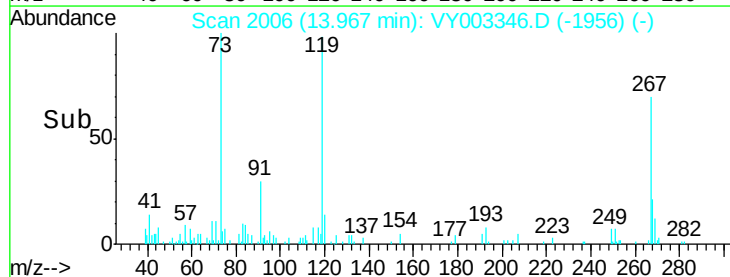
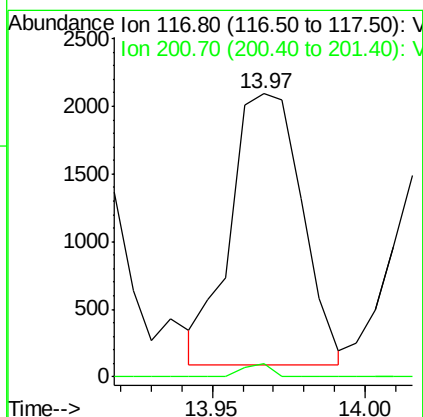
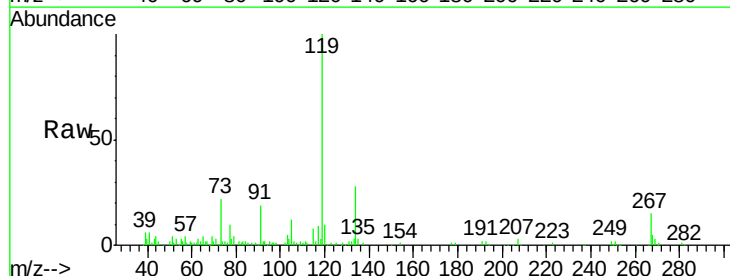
Instrument :
 MSVOA_Y
 ClientSampleId :
 14

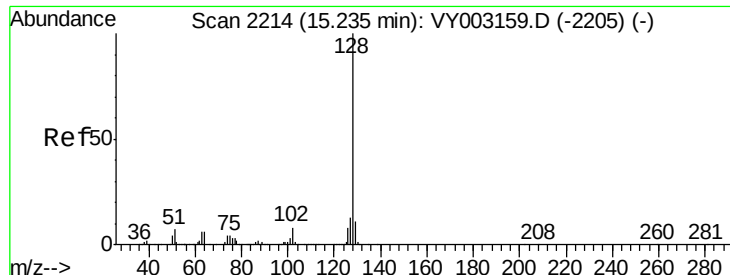
Tot Ion:105 Resp: 14923
 Ion Ratio Lower Upper
 105 100
 120 47.5 22.5 67.5



#90
 Hexachloroethane
 Concen: 1.260 ug/l
 RT: 13.97 min Scan# 2006
 Delta R.T. 0.01 min
 Lab File: VY003346.D
 Acq: 24 Jul 2020 20:50

Tgt Ion:117 Resp: 3220
 Ion Ratio Lower Upper
 117 100
 201 1.8 45.1 135.3#

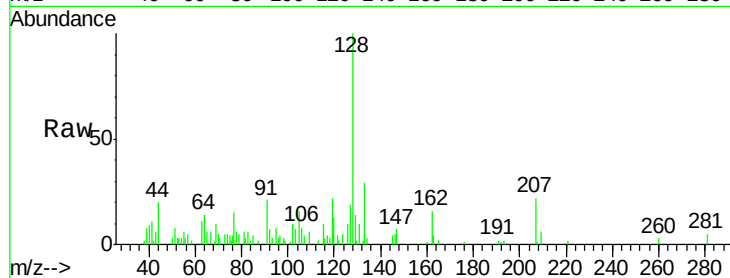




#95
Naphthalene
Concen: 1.067 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003346.D
Acq: 24 Jul 2020 20:50

Instrument :
MSVOA_Y
ClientSampleId :
14

Tot Ion	Ratio	Lower	Upper
128	100		
127	16.3	10.9	16.3
129	12.9	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

