

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072320\
 Data File : VY003319.D
 Acq On : 23 Jul 2020 16:22
 Operator : SY/MD
 Sample : L3308-23RE
 Misc : 5.04G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 23

Quant Time: Jul 24 04:41:12 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

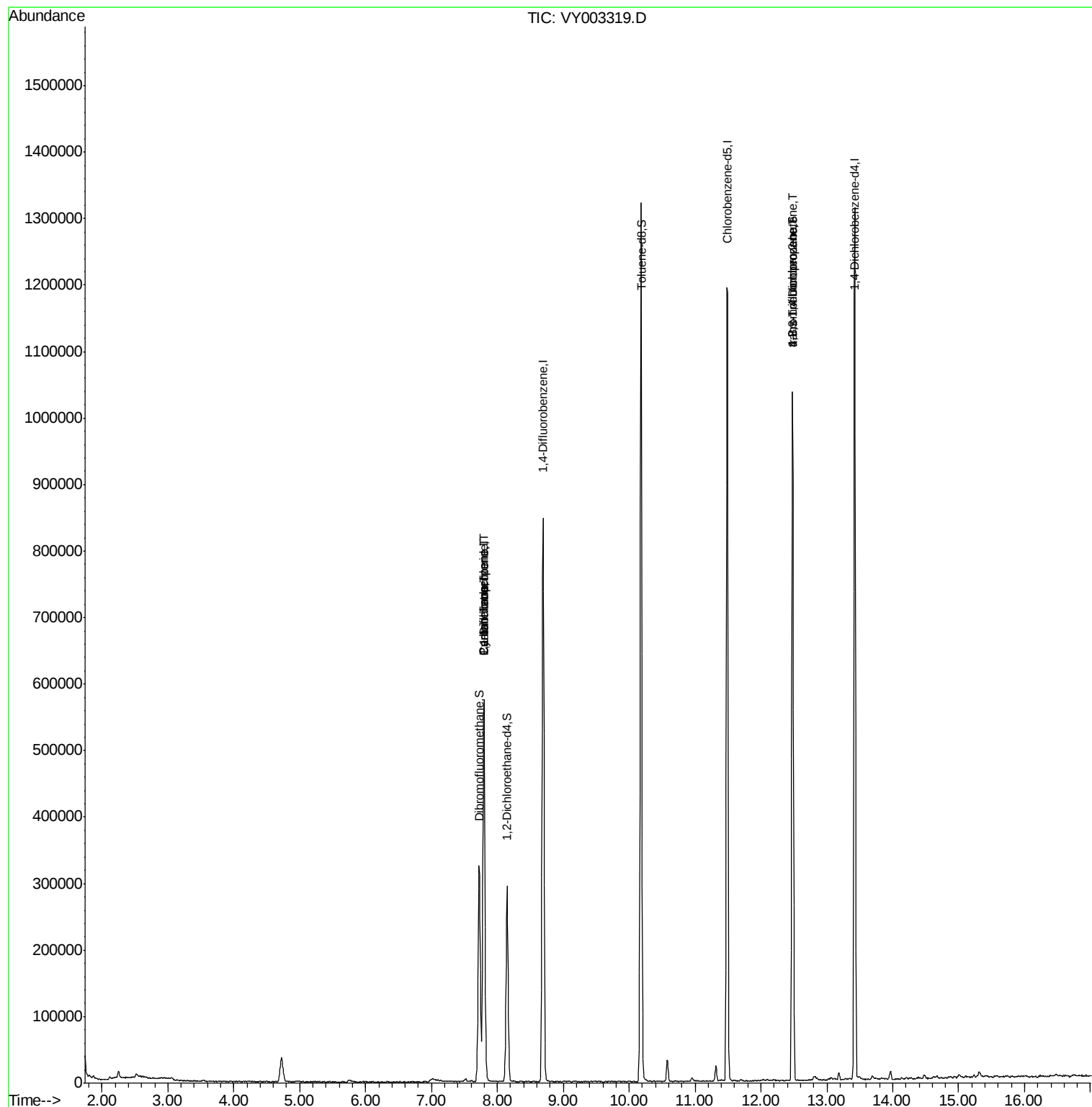
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	468109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	726682	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	686849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	340171	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	229294	58.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.06%	
35) Dibromofluoromethane	7.72	113	226684	54.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.42%	
50) Toluene-d8	10.18	98	879005	56.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.08%	
62) 4-Bromofluorobenzene	12.48	95	295257	52.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.14%	
Target Compounds						
					Qvalue	
31) Cyclohexane	7.80	56	8371	1.165	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	31871	4.839	ug/l #	49
38) Carbon Tetrachloride	7.80	117	42483	6.248	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	149879	49.776	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	149879	96.873	ug/l #	13

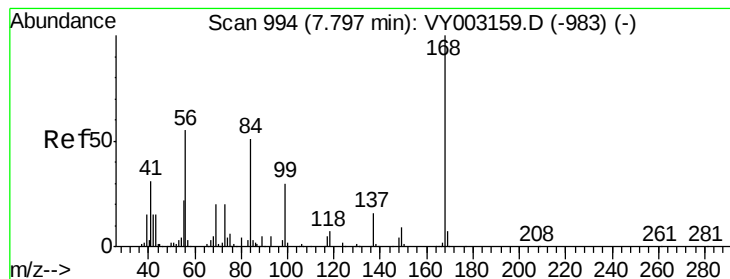
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072320\
Data File : VY003319.D
Acq On : 23 Jul 2020 16:22
Operator : SY/MD
Sample : L3308-23RE
Misc : 5.04G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
23

Quant Time: Jul 24 04:41:12 2020
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: VY003319.D

Acq: 23 Jul 2020 16:22

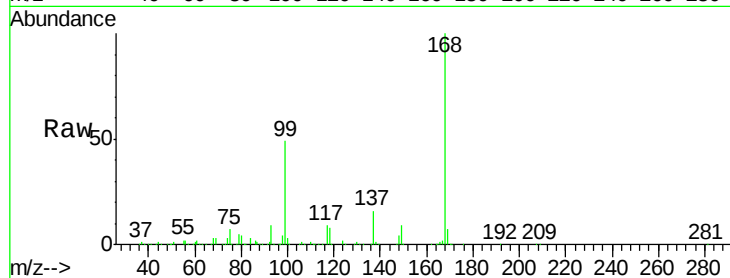
Instrument :
MSVOA_Y
ClientSampled :
23

Tot Ion:168 Resp: 468109

Ion Ratio Lower Upper

168 100

99 49.5 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003319.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003319.D (-945) (-)

7.80

250000

200000

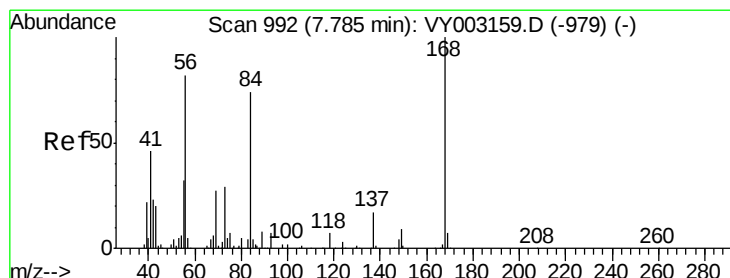
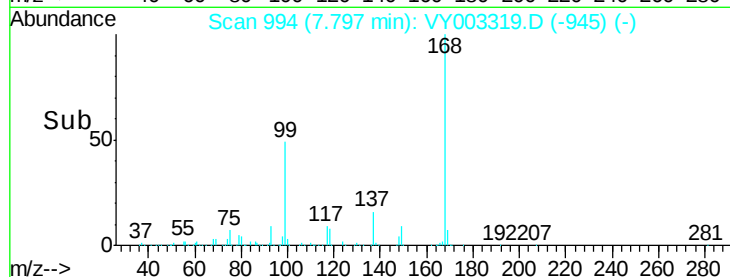
150000

100000

50000

0

Time-->



#31

Cyclohexane

Concen: 1.165 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY003319.D

Acq: 23 Jul 2020 16:22

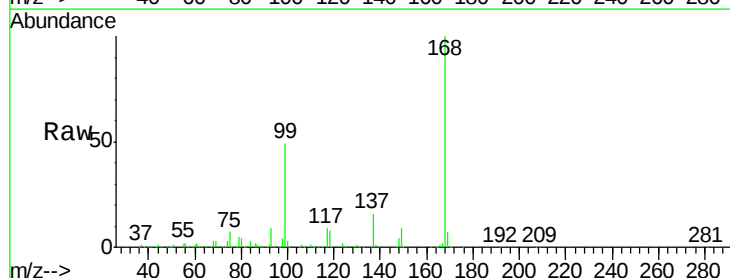
Tgt Ion: 56 Resp: 8371

Ion Ratio Lower Upper

56 100

69 153.4 26.7 40.1#

84 145.1 72.3 108.5#



Abundance Ion 56.00 (55.70 to 56.70): VY003319.D (-943) (-)

Ion 69.00 (68.70 to 69.70): VY003319.D (-943) (-)

Ion 84.00 (83.70 to 84.70): VY003319.D (-943) (-)

8000

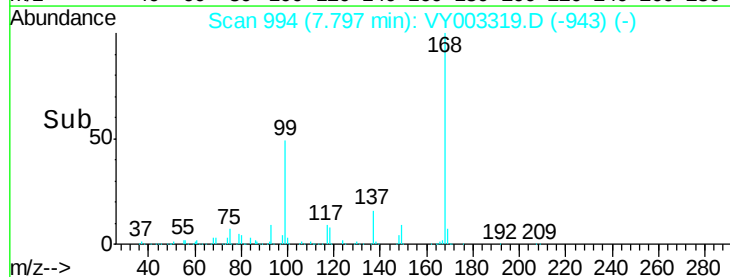
6000

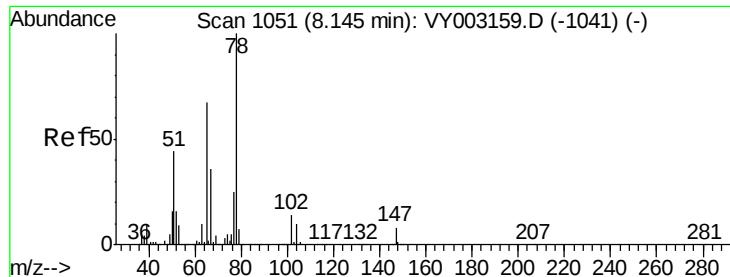
4000

2000

0

Time-->

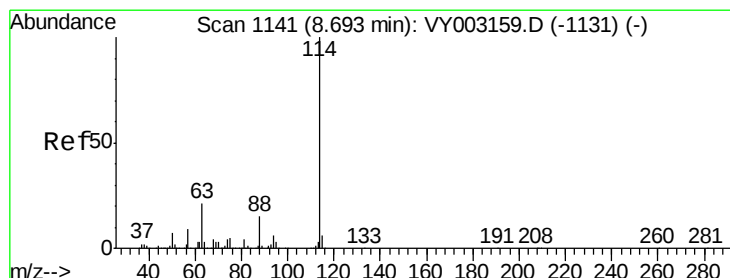
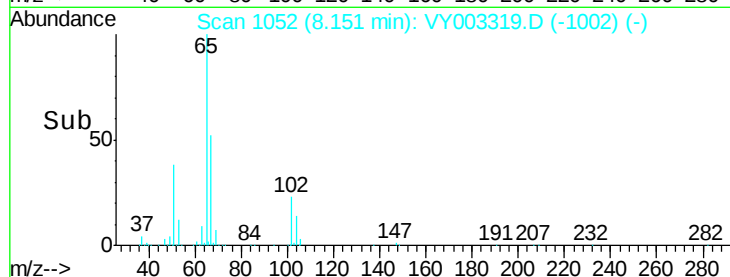
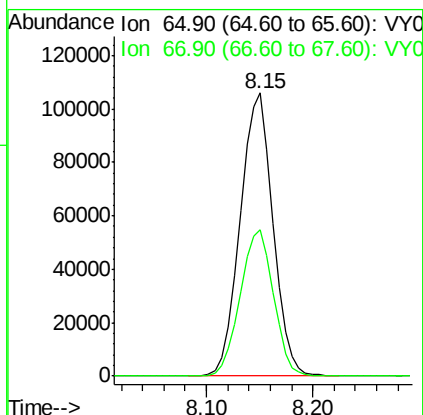
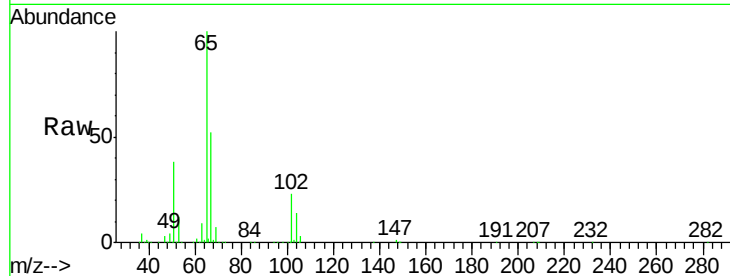




#33
 1,2-Dichloroethane-d4
 Concen: 58.034 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003319.D
 Acq: 23 Jul 2020 16:22

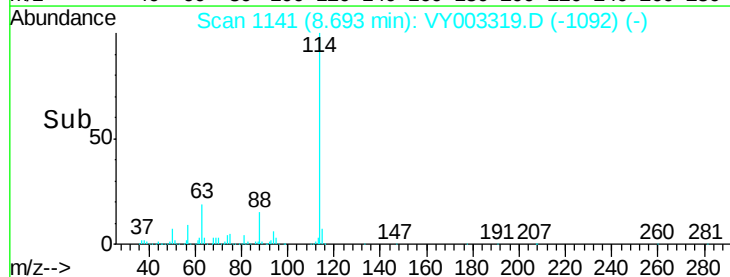
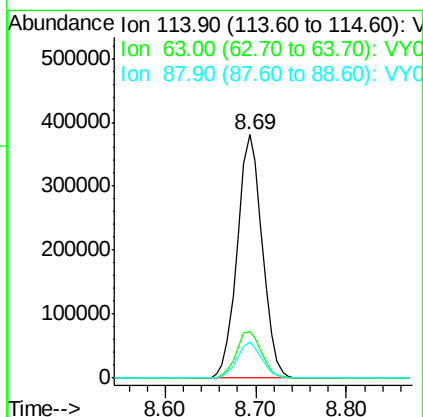
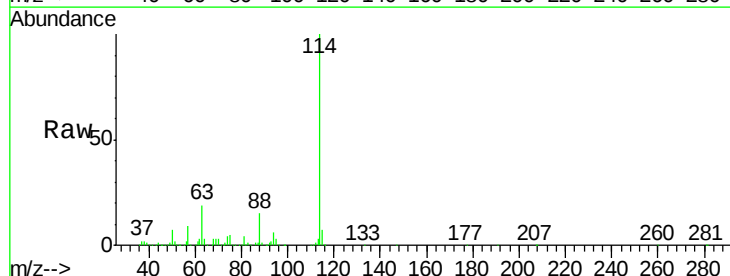
Instrument :
 MSVOA_Y
 ClientSampleId :
 23

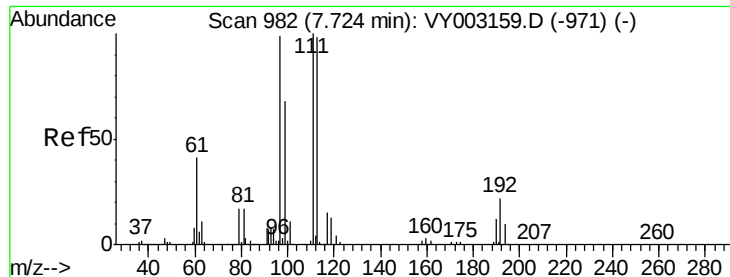
Tot Ion: 65 Resp: 229294
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003319.D
 Acq: 23 Jul 2020 16:22

Tgt Ion: 114 Resp: 726682
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 41.2
 88 14.7 0.0 30.2





#35

Dibromofluoromethane

Concen: 54.206 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003319.D

Acq: 23 Jul 2020 16:22

Instrument :

MSVOA_Y

ClientSampleId :

23

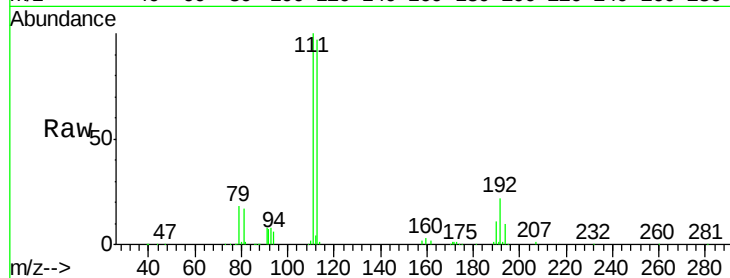
Tot Ion:113 Resp: 226684

Ion Ratio Lower Upper

113 100

111 102.1 82.1 123.1

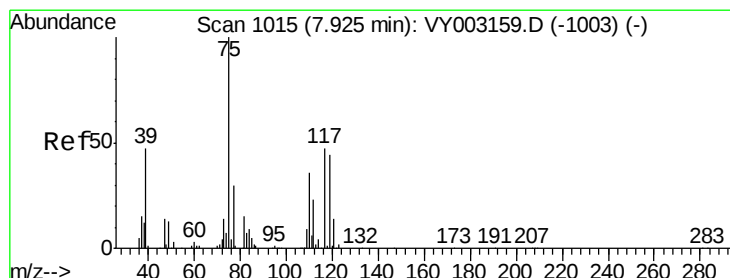
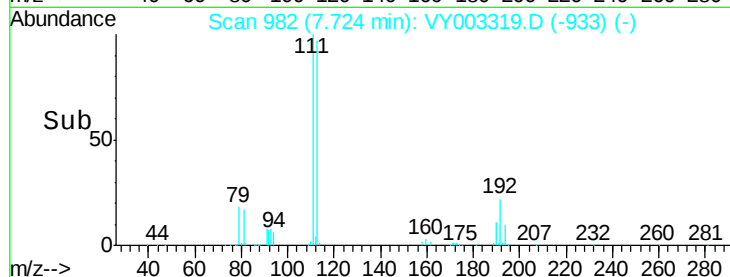
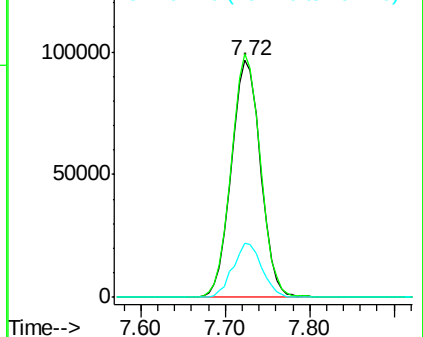
192 22.8 18.8 28.2



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



#36

1,1-Dichloropropene

Concen: 4.839 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY003319.D

Acq: 23 Jul 2020 16:22

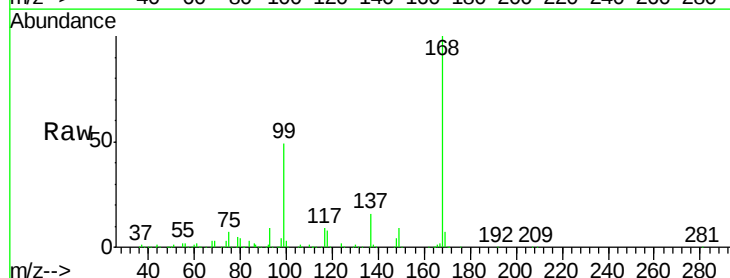
Tgt Ion: 75 Resp: 31871

Ion Ratio Lower Upper

75 100

110 8.8 18.1 54.1#

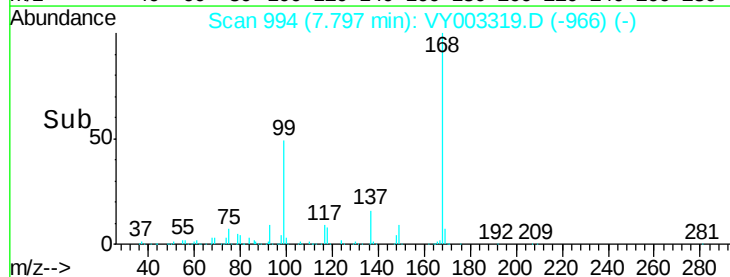
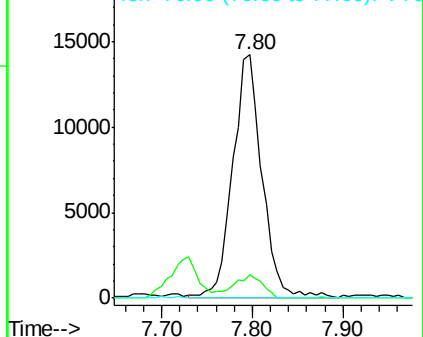
77 0.0 24.8 37.2#

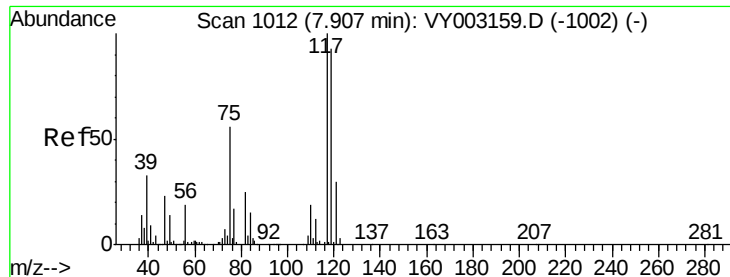


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

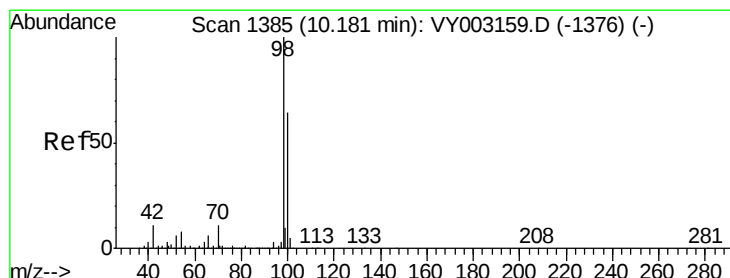
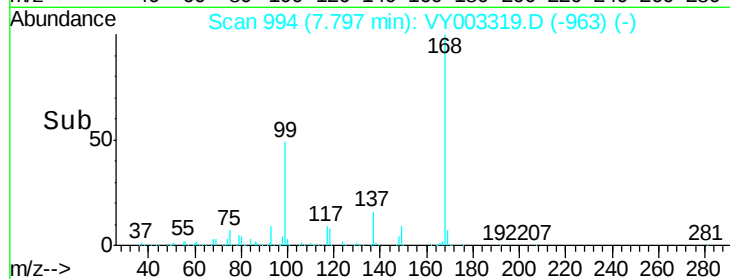
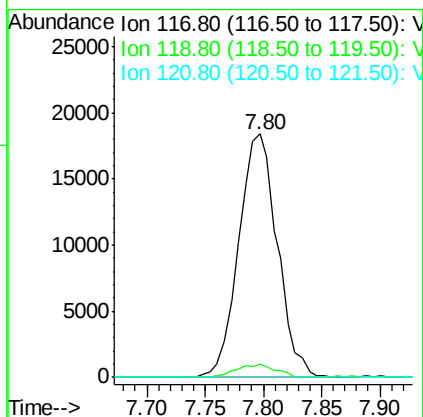
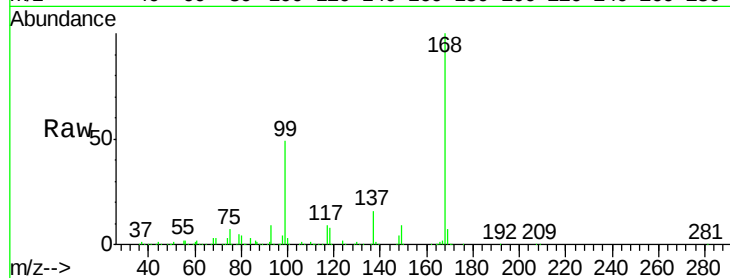




#38
Carbon Tetrachloride
Concen: 6.248 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY003319.D
Acq: 23 Jul 2020 16:22

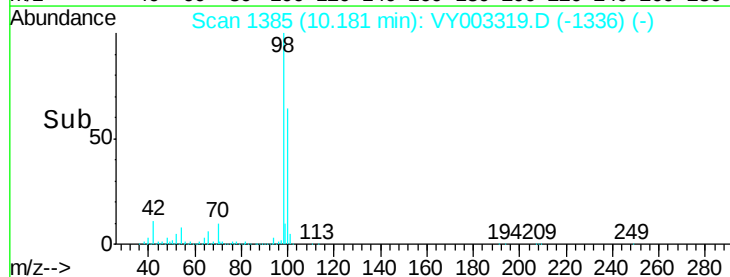
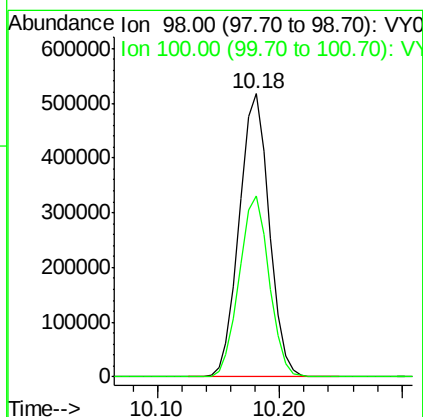
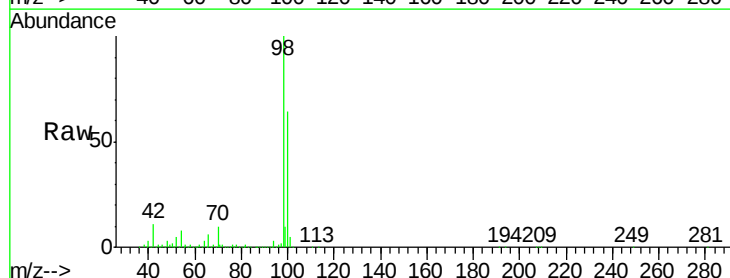
Instrument :
MSVOA_Y
ClientSampleId :
23

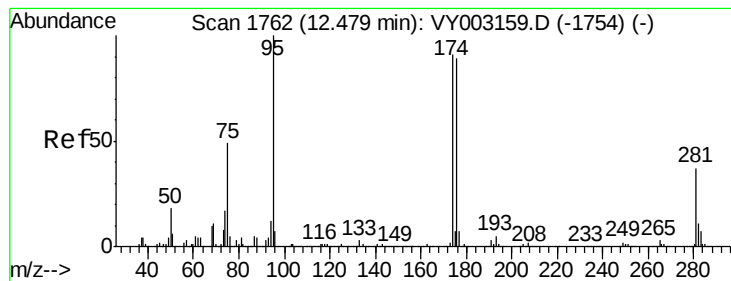
Tot Ion:117 Resp: 42483
Ion Ratio Lower Upper
117 100
119 5.3 74.5 111.7#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 56.537 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003319.D
Acq: 23 Jul 2020 16:22

Tgt Ion: 98 Resp: 879005
Ion Ratio Lower Upper
98 100
100 63.9 50.7 76.1





#62

4-Bromofluorobenzene

Concen: 52.568 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003319.D

Acq: 23 Jul 2020 16:22

Instrument :

MSVOA_Y

ClientSampled :

23

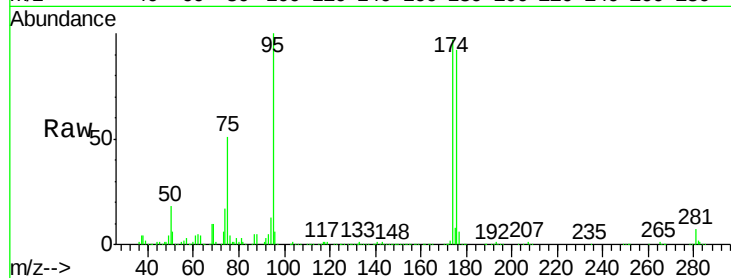
Tot Ion: 95 Resp: 295257

Ion Ratio Lower Upper

95 100

174 95.3 0.0 190.6

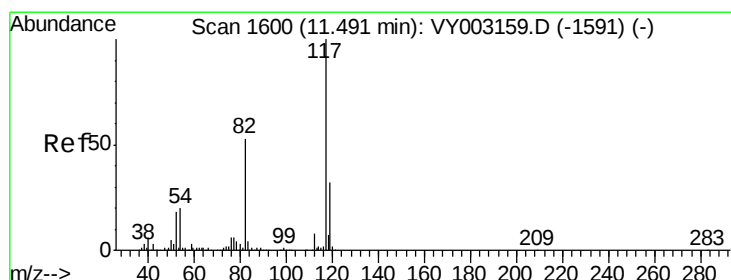
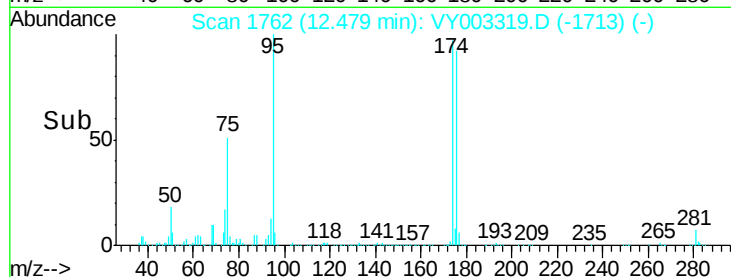
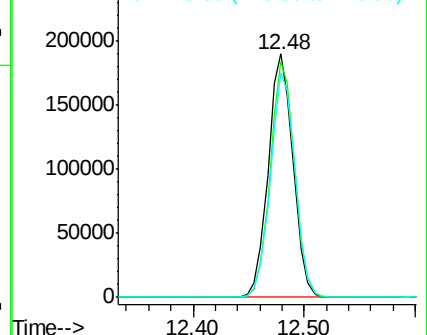
176 91.5 0.0 186.4



Abundance Ion 94.90 (94.60 to 95.60): VY003319.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY003319.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY003319.D (-1754) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003319.D

Acq: 23 Jul 2020 16:22

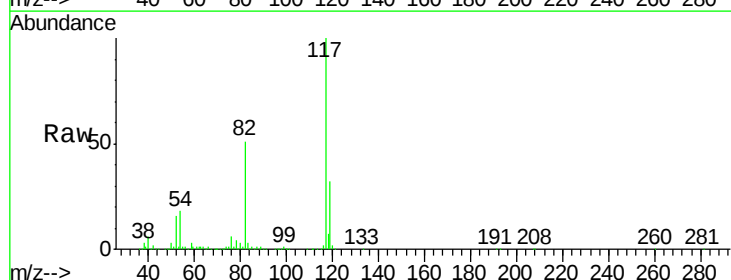
Tgt Ion: 117 Resp: 686849

Ion Ratio Lower Upper

117 100

82 51.1 42.0 63.0

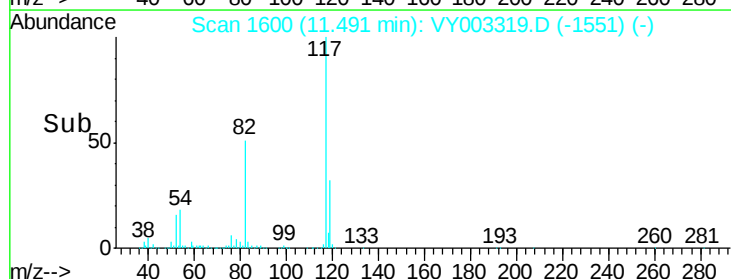
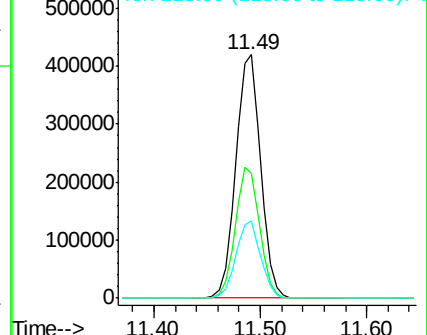
119 31.6 25.5 38.3

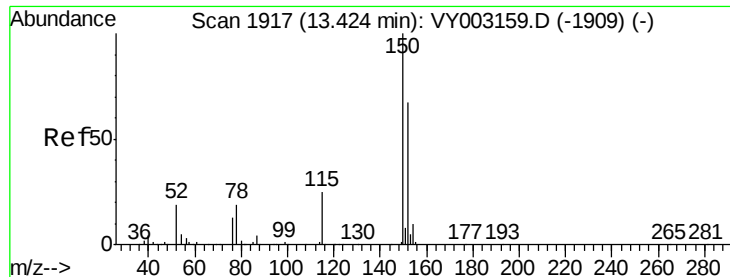


Abundance Ion 116.90 (116.60 to 117.60): VY003319.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VY003319.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY003319.D (-1591) (-)



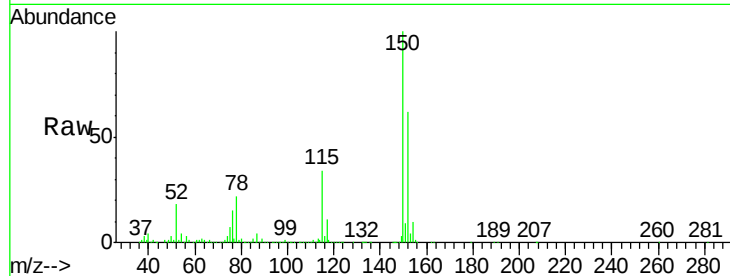


#72

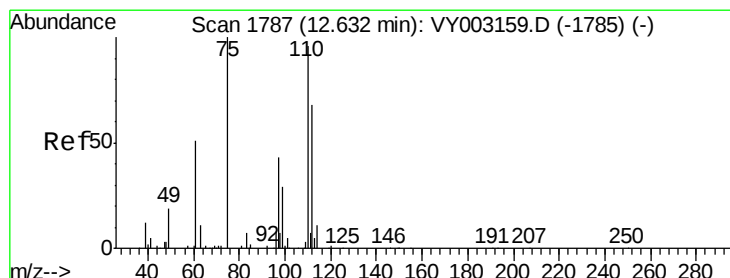
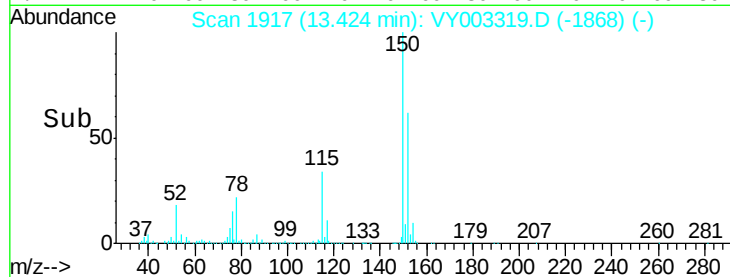
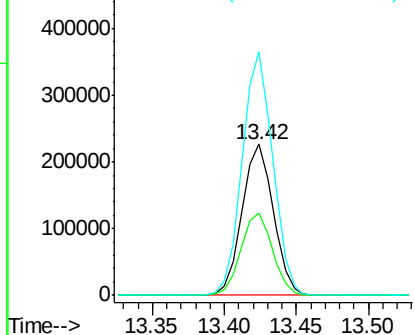
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003319.D
Acq: 23 Jul 2020 16:22

Instrument :
MSVOA_Y
ClientSampleId :
23

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.2	26.9	80.7
150	158.0	0.0	338.0



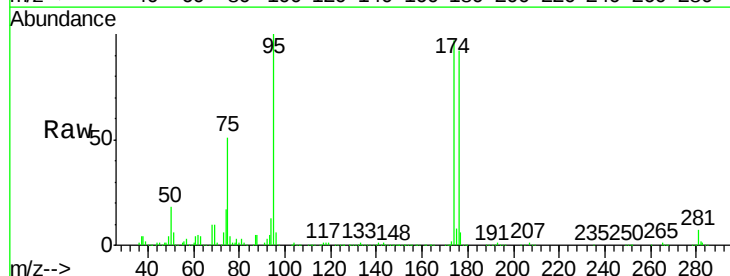
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



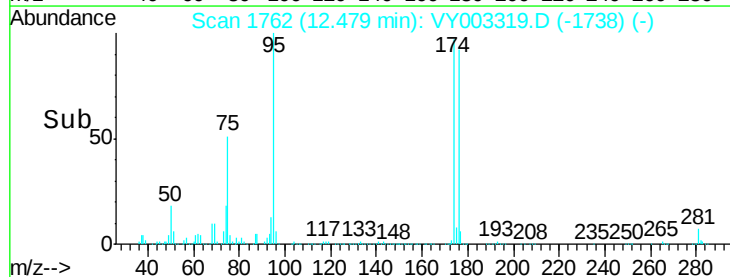
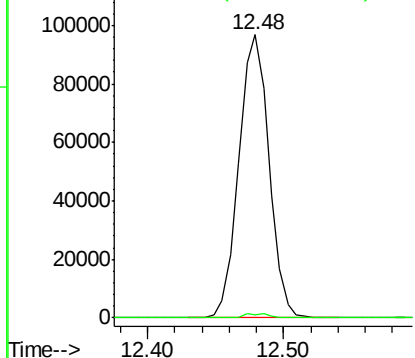
#76

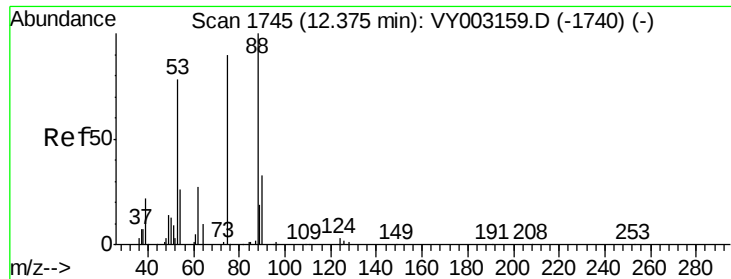
1,2,3-Trichloropropane
Concen: 49.776 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003319.D
Acq: 23 Jul 2020 16:22

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#81

trans-1,4-Dichloro-2-butene

Concen: 96.873 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003319.D

Acq: 23 Jul 2020 16:22

Instrument :

MSVOA_Y

ClientSampleId :

23

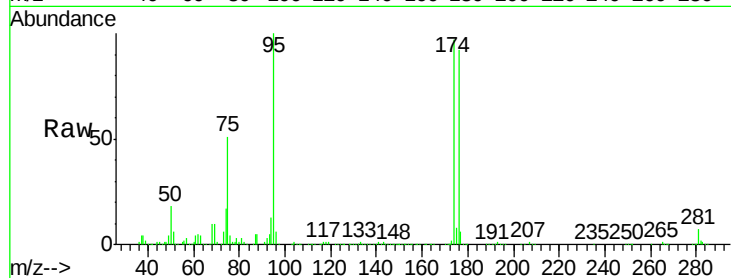
Tot Ion: 75 Resp: 149879

Ion Ratio Lower Upper

75 100

53 0.1 72.0 108.0#

89 0.1 37.3 55.9#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

