

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072320\
 Data File : VY003325.D
 Acq On : 23 Jul 2020 18:46
 Operator : SY/MD
 Sample : L3382-09
 Misc : 7.42G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CTR-023

Quant Time: Jul 24 04:43:29 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

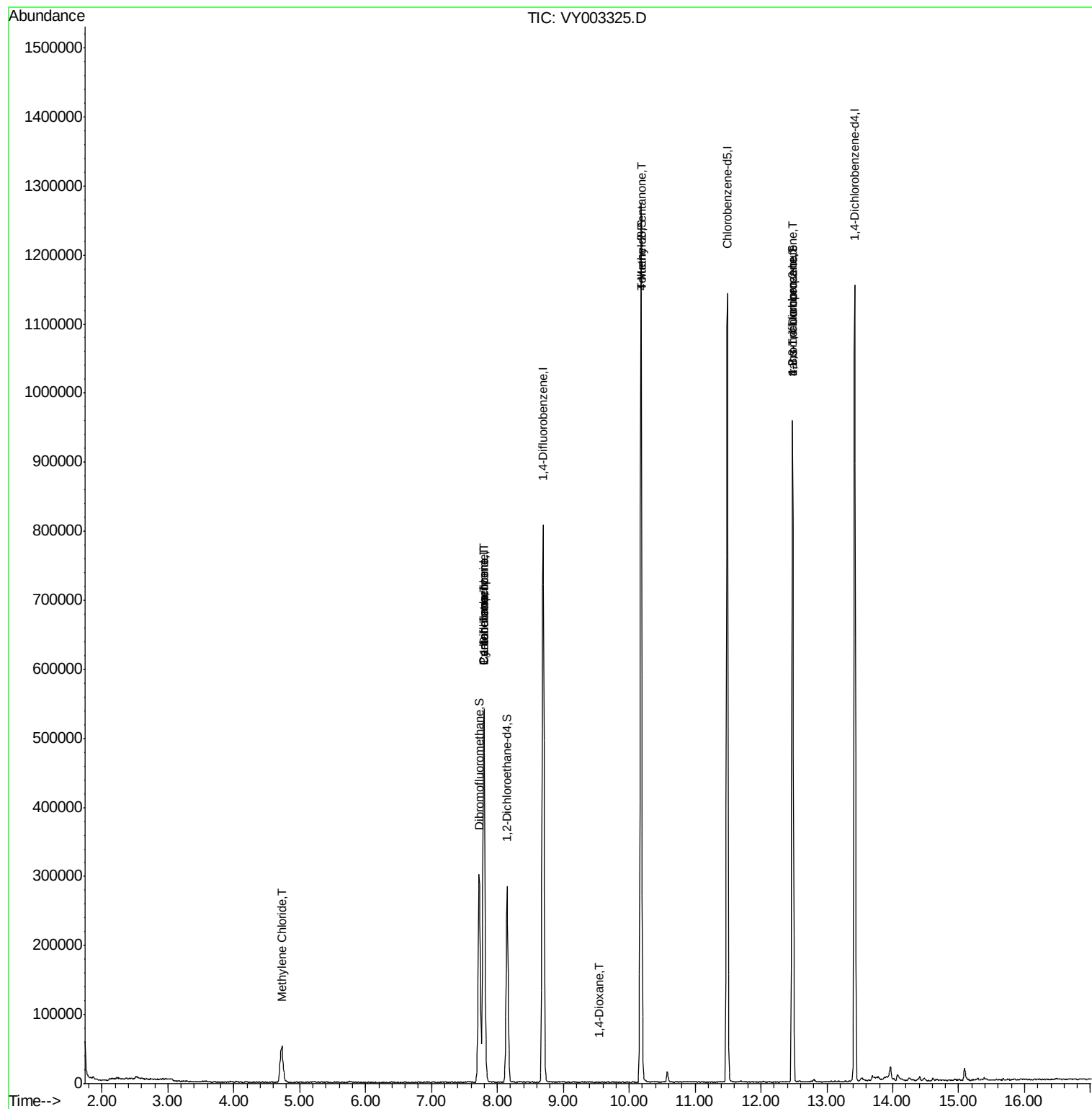
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	449694	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	693125	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	635362	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	304304	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	219007	57.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.40%	
35) Dibromofluoromethane	7.72	113	215641	54.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.12%	
50) Toluene-d8	10.18	98	837961	56.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.02%	
62) 4-Bromofluorobenzene	12.48	95	265393	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
Target Compounds						
20) Methylene Chloride	4.73	84	41356	4.718	ug/l	97
31) Cyclohexane	7.80	56	7752	1.123	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	30531	4.860	ug/l #	49
38) Carbon Tetrachloride	7.80	117	39931	6.157	ug/l #	16
49) 1,4-Dioxane	9.55	88	45	1.356	ug/l #	41
51) 4-Methyl-2-Pentanone	10.17	43	3515	1.033	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	136322	50.609	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	136322	98.495	ug/l #	13

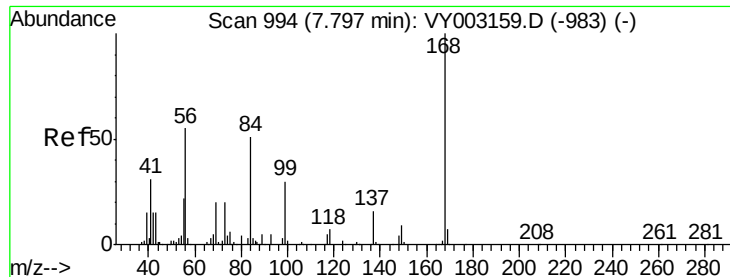
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072320\
Data File : VY003325.D
Acq On : 23 Jul 2020 18:46
Operator : SY/MD
Sample : L3382-09
Misc : 7.42G/5ML/MSVOA Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CTR-023

Quant Time: Jul 24 04:43:29 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: VY003325.D

Acq: 23 Jul 2020 18:46

Instrument :

MSVOA_Y

ClientSampleId :

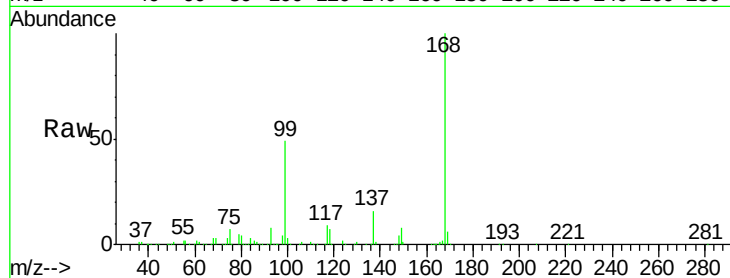
CTR-023

Tot Ion:168 Resp: 449694

Ion Ratio Lower Upper

168 100

99 49.0 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003325.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003325.D (-945) (-)

7.80

200000

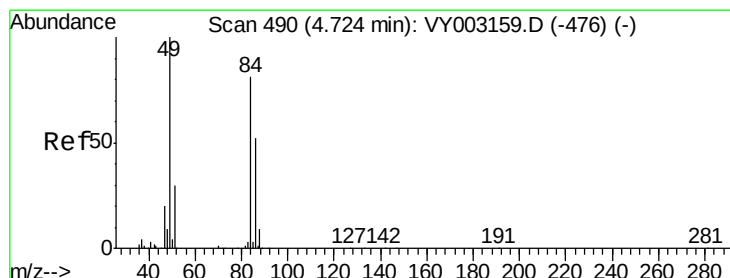
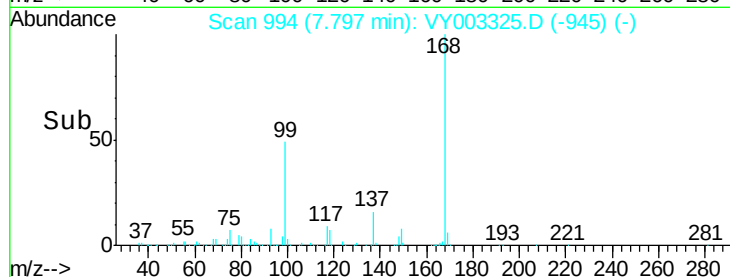
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 4.718 ug/l

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY003325.D

Acq: 23 Jul 2020 18:46

Tgt Ion: 84 Resp: 41356

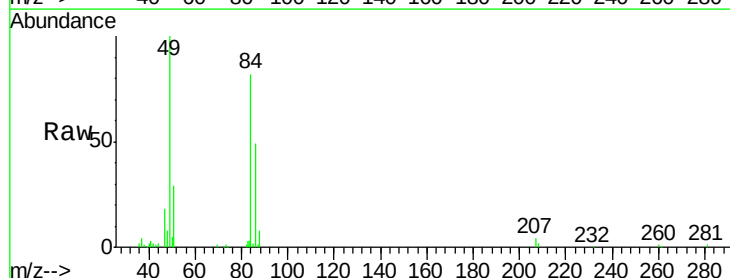
Ion Ratio Lower Upper

84 100

49 121.4 98.2 147.4

51 35.1 29.8 44.6

86 59.9 51.2 76.8



Abundance Ion 83.90 (83.60 to 84.60): VY003325.D (-441) (-)

Ion 48.90 (48.60 to 49.60): VY003325.D (-441) (-)

Ion 50.90 (50.60 to 51.60): VY003325.D (-441) (-)

Ion 85.90 (85.60 to 86.60): VY003325.D (-441) (-)

4.73

25000

20000

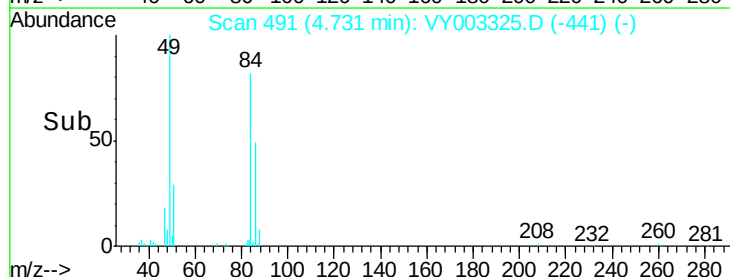
15000

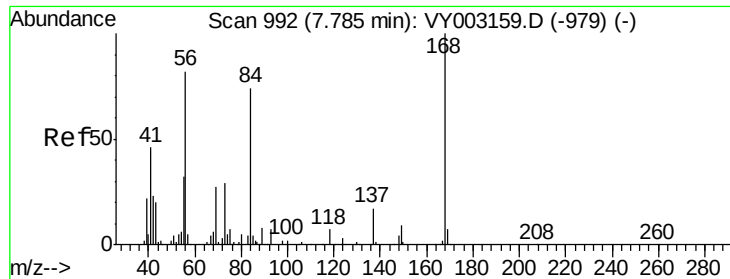
10000

5000

0

Time-->

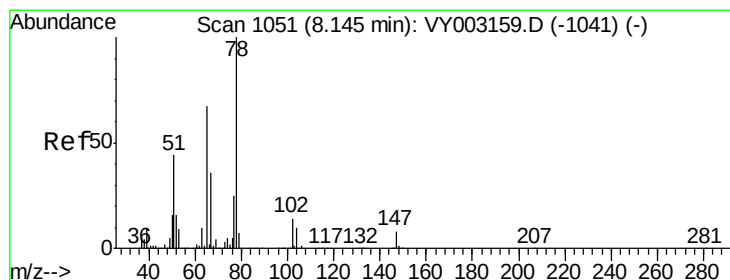
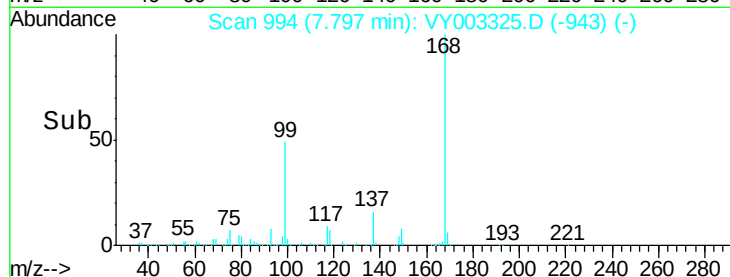
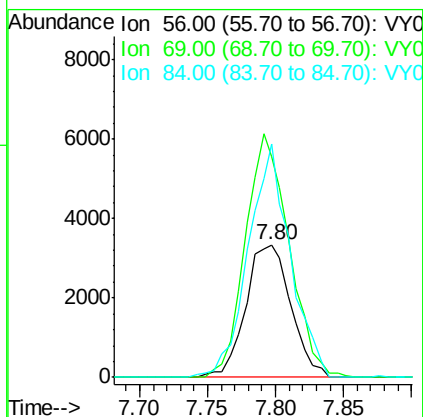
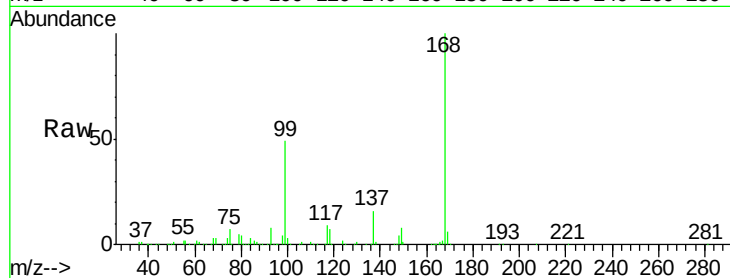




#31
Cyclohexane
Concen: 1.123 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY003325.D
Acq: 23 Jul 2020 18:46

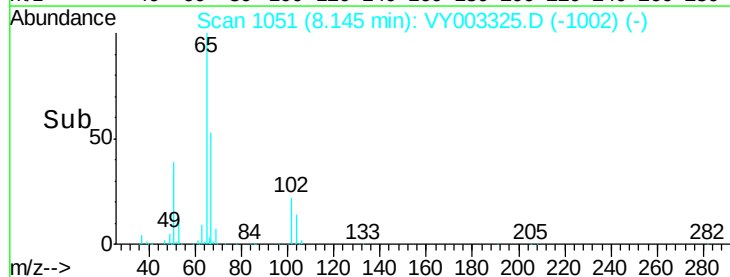
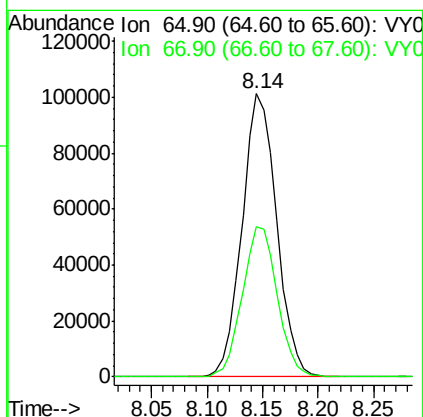
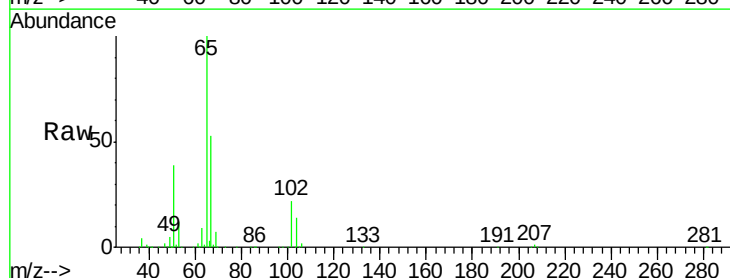
Instrument :
MSVOA_Y
ClientSampleId :
CTR-023

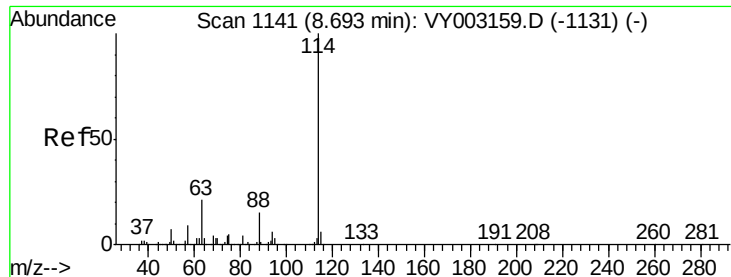
Tot Ion: 56 Resp: 7752
Ion Ratio Lower Upper
56 100
69 166.0 26.7 40.1#
84 176.6 72.3 108.5#



#33
1,2-Dichloroethane-d4
Concen: 57.701 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VY003325.D
Acq: 23 Jul 2020 18:46

Tgt Ion: 65 Resp: 219007
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.2

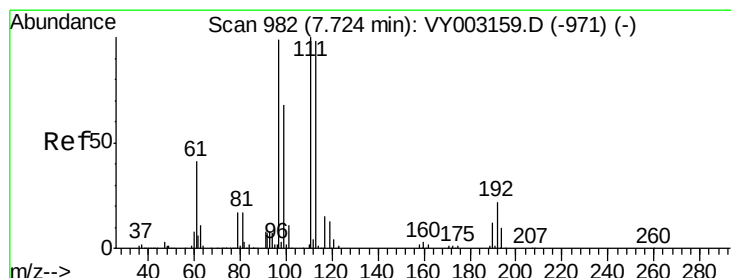
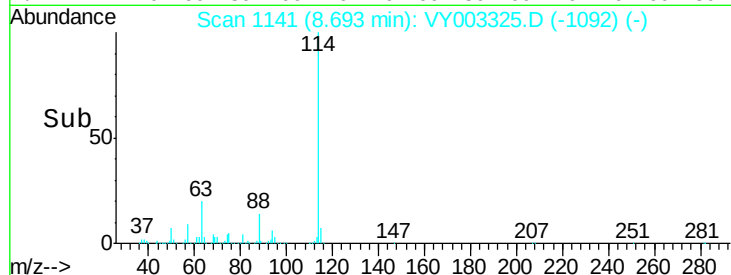
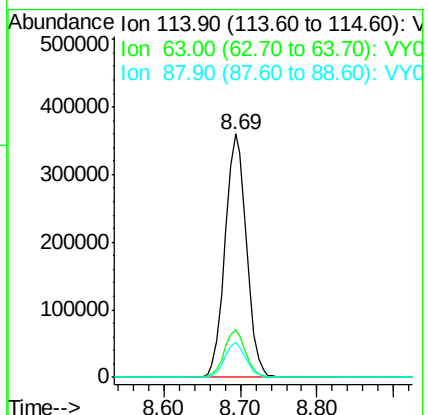
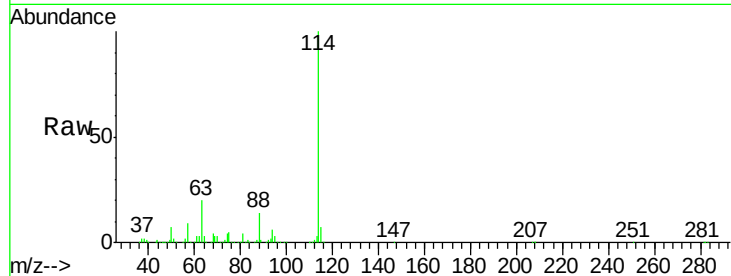




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY003325.D
Acq: 23 Jul 2020 18:46

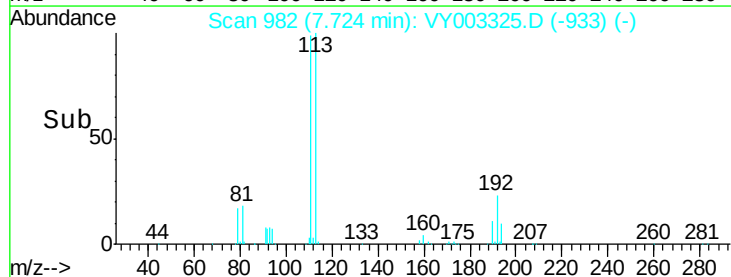
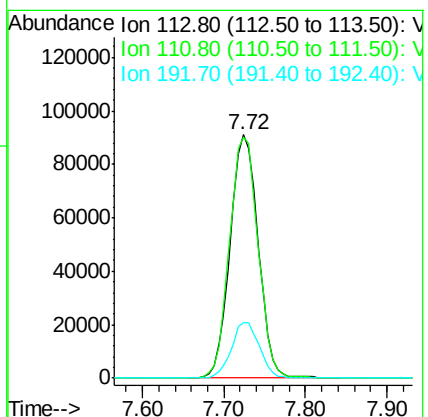
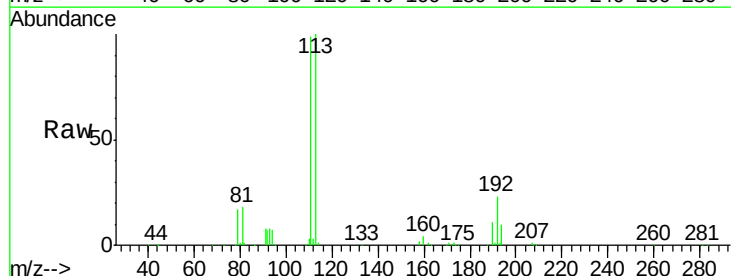
Instrument :
MSVOA_Y
ClientSampleId :
CTR-023

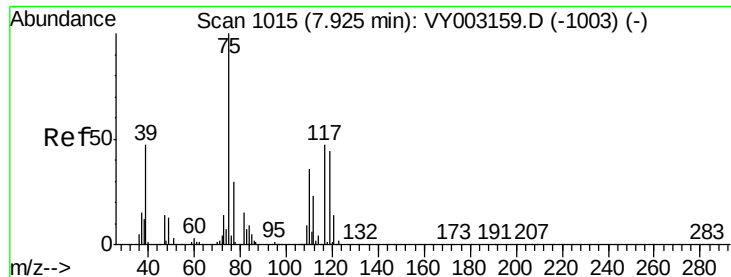
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	41.2
88	14.2	0.0	30.2



#35
Dibromofluoromethane
Concen: 54.062 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY003325.D
Acq: 23 Jul 2020 18:46

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.0	82.1	123.1
192	22.9	18.8	28.2

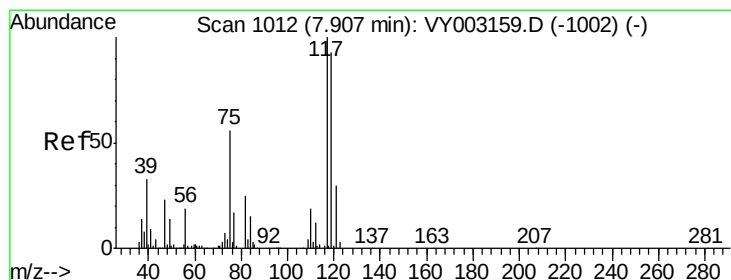
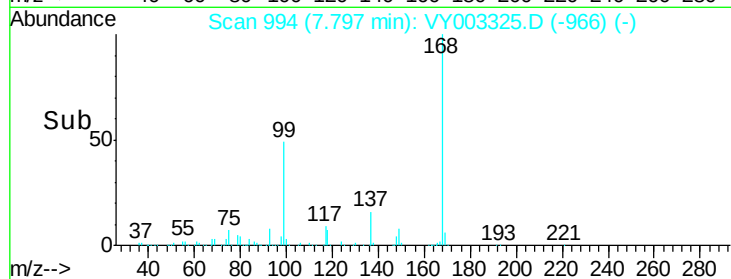
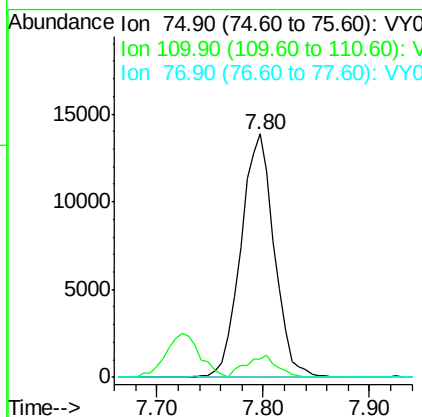
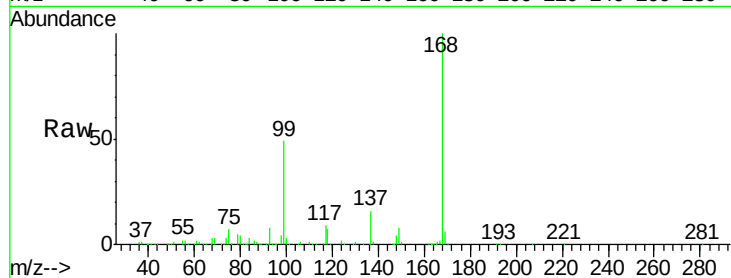




#36
 1,1-Dichloropropene
 Concen: 4.860 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY003325.D
 Acq: 23 Jul 2020 18:46

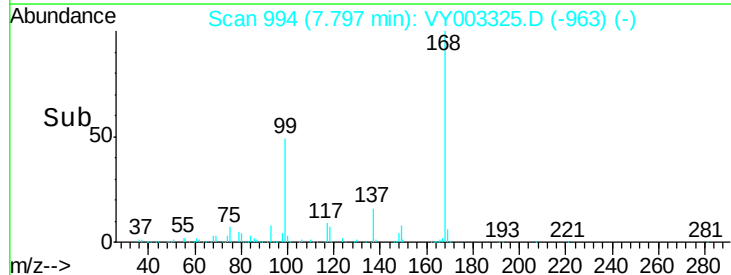
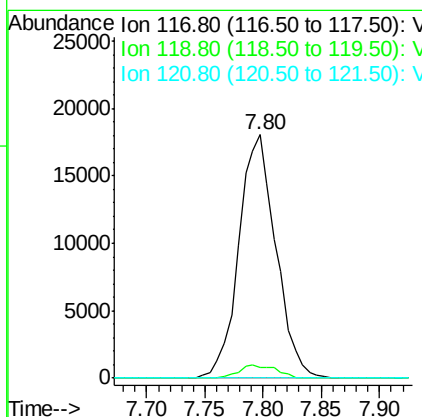
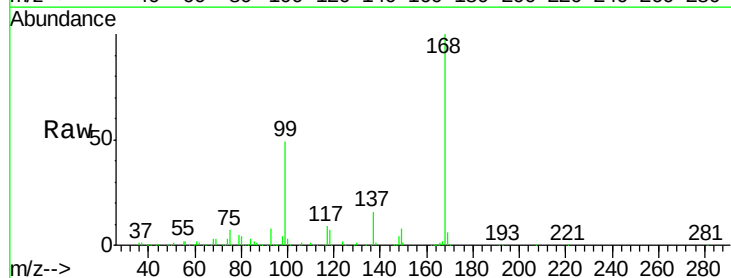
Instrument :
 MSVOA_Y
 ClientSampleId :
 CTR-023

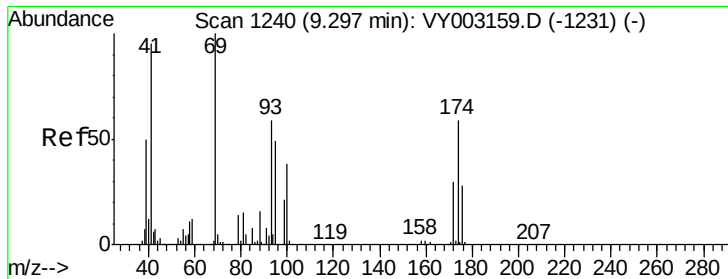
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.1	54.1#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.157 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY003325.D
 Acq: 23 Jul 2020 18:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.1	74.5	111.7#
121	0.0	24.2	36.2#

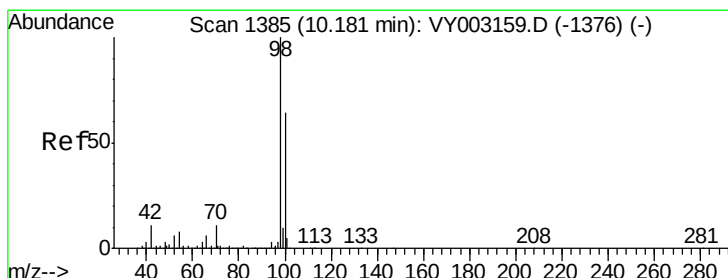
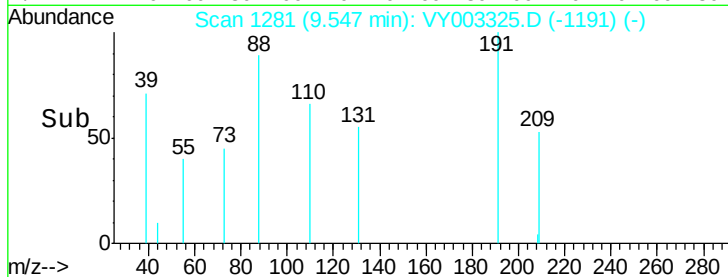
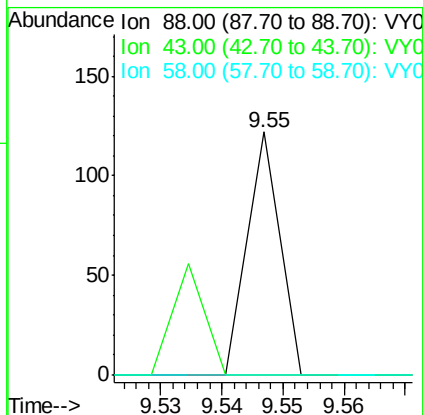
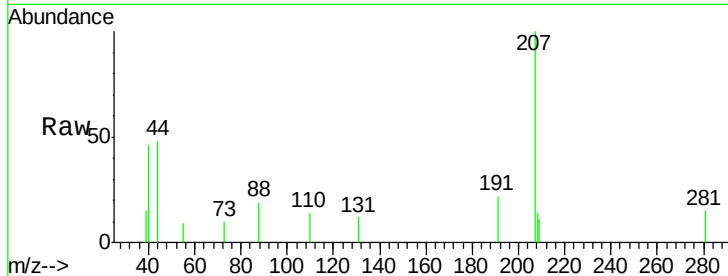




#49
1,4-Dioxane
Concen: 1.356 ug/l
RT: 9.55 min Scan# 1281
Delta R.T. 0.25 min
Lab File: VY003325.D
Acq: 23 Jul 2020 18:46

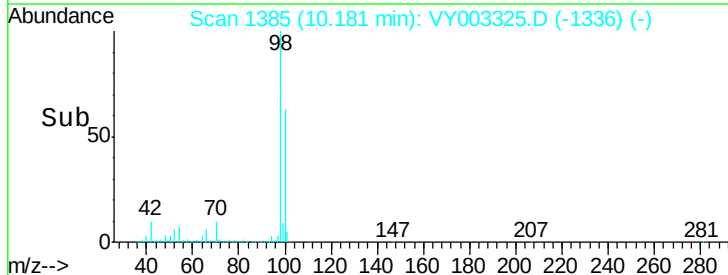
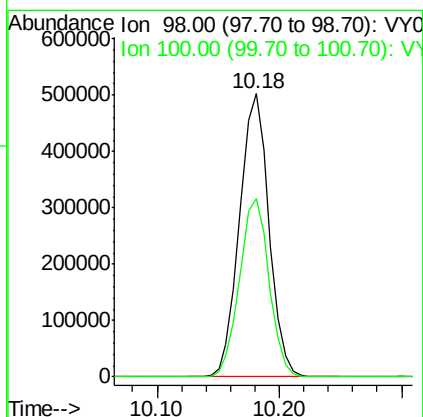
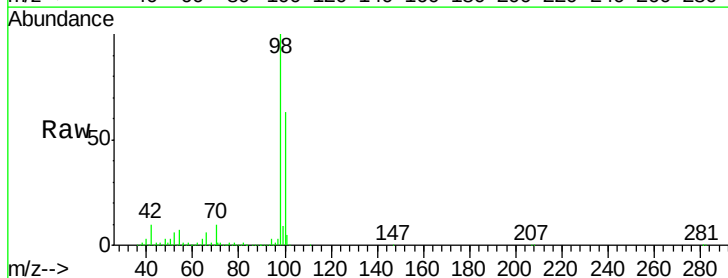
Instrument :
MSVOA_Y
ClientSampleId :
CTR-023

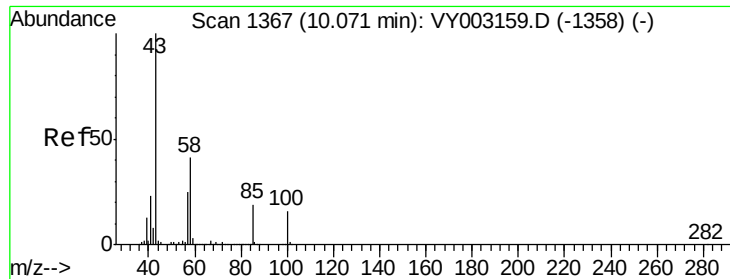
Tot Ion: 88 Resp: 45
Ion Ratio Lower Upper
88 100
43 44.4 25.6 38.4#
58 0.0 47.8 71.6#



#50
Toluene-d8
Concen: 56.506 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003325.D
Acq: 23 Jul 2020 18:46

Tgt Ion: 98 Resp: 837961
Ion Ratio Lower Upper
98 100
100 63.5 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 1.033 ug/l

RT: 10.17 min Scan# 1384

Delta R.T. 0.10 min

Lab File: VY003325.D

Acq: 23 Jul 2020 18:46

Instrument :

MSVOA_Y

ClientSampleId :

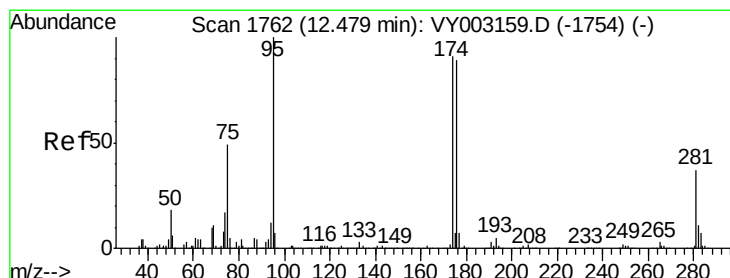
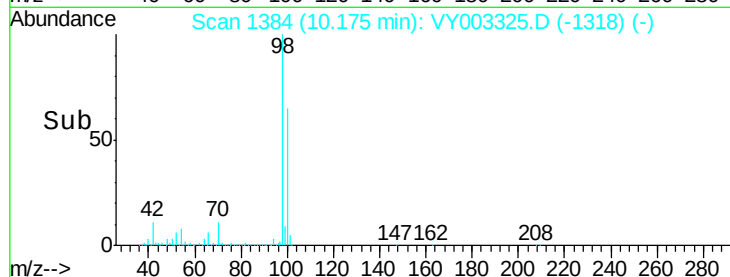
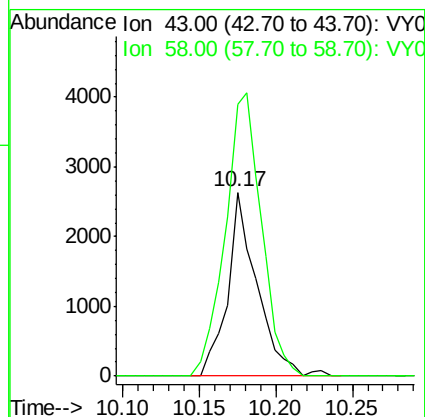
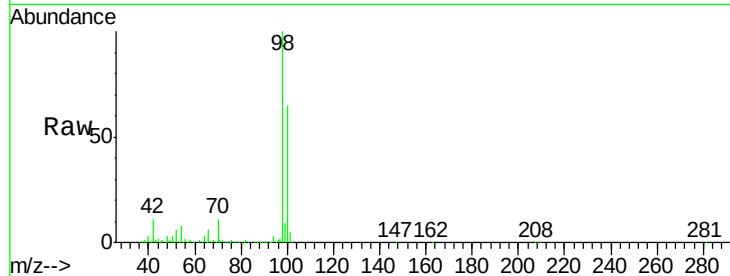
CTR-023

Tot Ion: 43 Resp: 3515

Ion Ratio Lower Upper

43 100

58 188.4 32.7 49.1#



#62

4-Bromofluorobenzene

Concen: 49.538 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003325.D

Acq: 23 Jul 2020 18:46

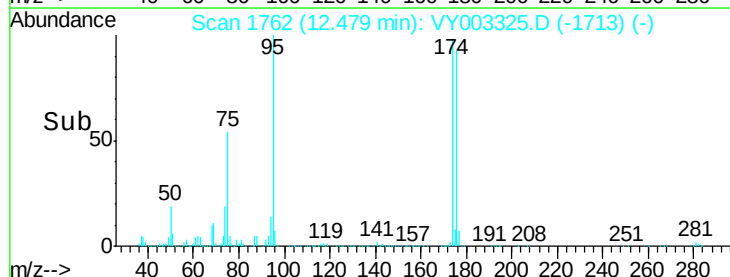
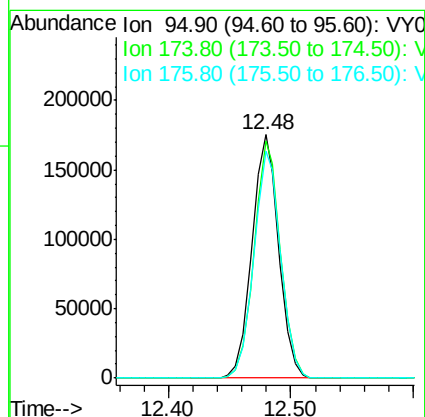
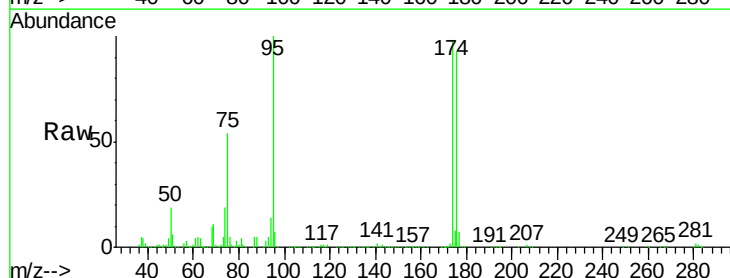
Tgt Ion: 95 Resp: 265393

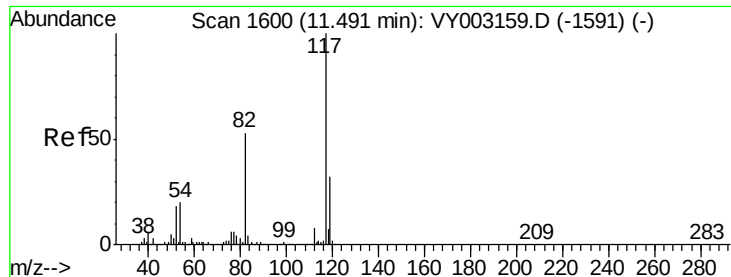
Ion Ratio Lower Upper

95 100

174 96.7 0.0 190.6

176 94.0 0.0 186.4

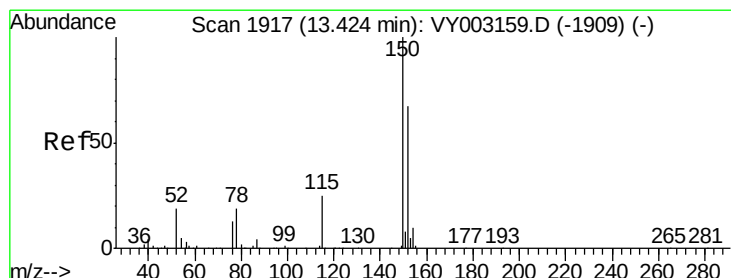
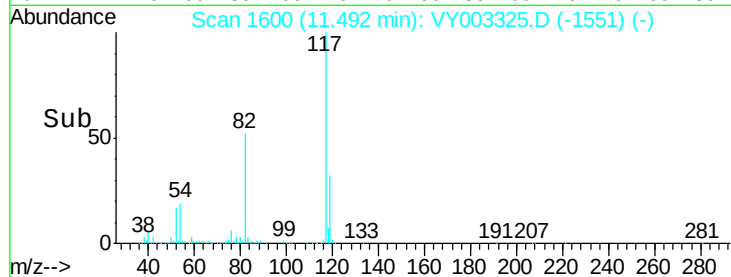
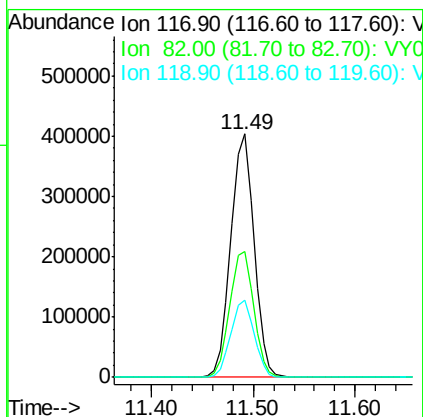
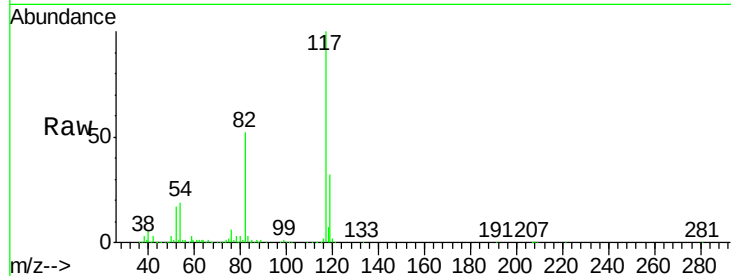




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003325.D
Acq: 23 Jul 2020 18:46

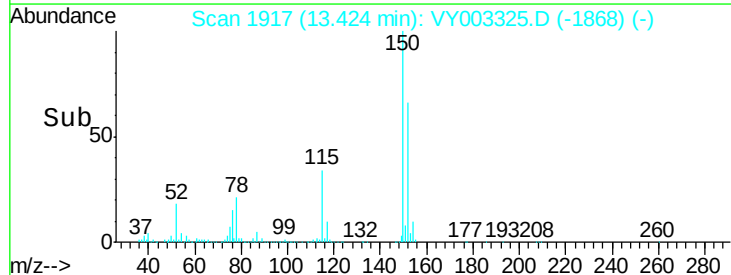
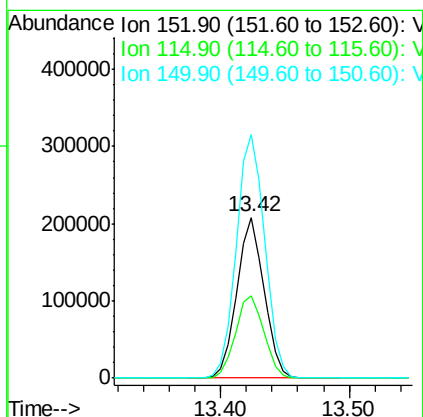
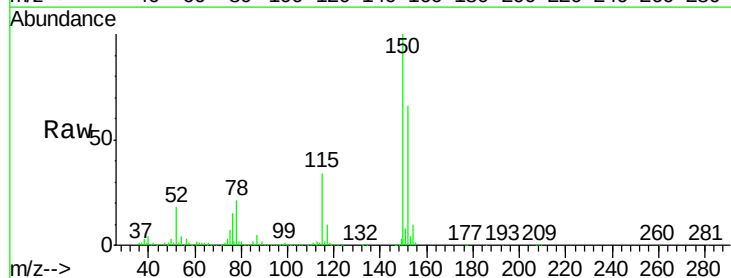
Instrument :
MSVOA_Y
ClientSampled :
CTR-023

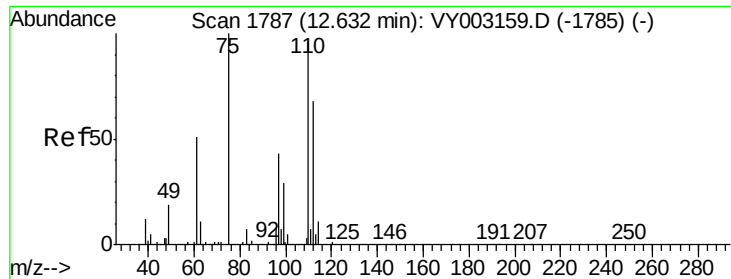
Tot Ion:117 Resp: 635362
Ion Ratio Lower Upper
117 100
82 51.6 42.0 63.0
119 31.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003325.D
Acq: 23 Jul 2020 18:46

Tgt Ion:152 Resp: 304304
Ion Ratio Lower Upper
152 100
115 53.6 26.9 80.7
150 157.9 0.0 338.0





#76

1,2,3-Trichloropropane

Concen: 50.609 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003325.D

Acq: 23 Jul 2020 18:46

Instrument :

MSVOA_Y

ClientSampled :

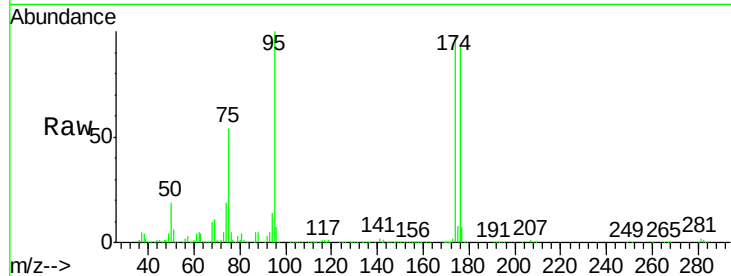
CTR-023

Tot Ion: 75 Resp: 136322

Ion Ratio Lower Upper

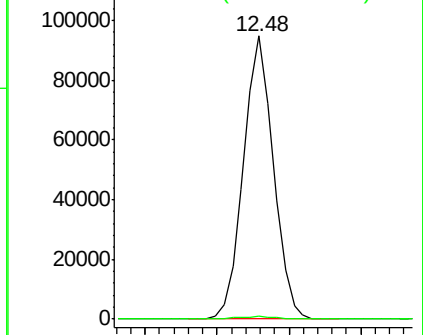
75 100

77 1.3 0.0 0.0#

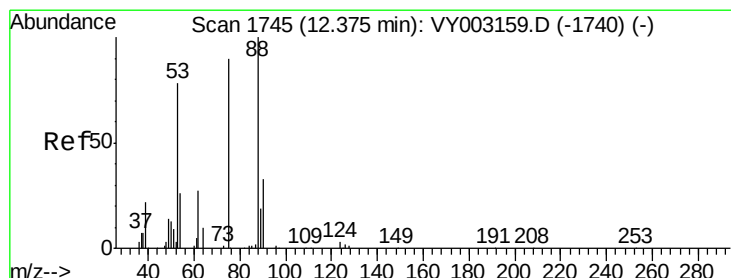
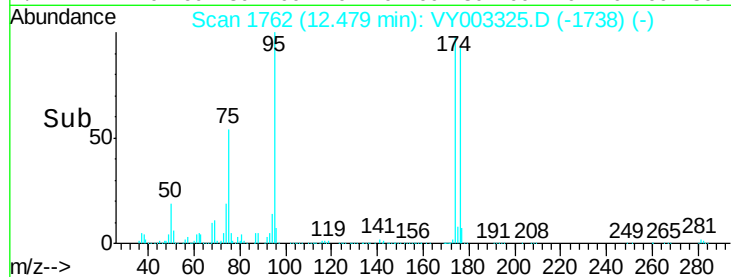


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 98.495 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003325.D

Acq: 23 Jul 2020 18:46

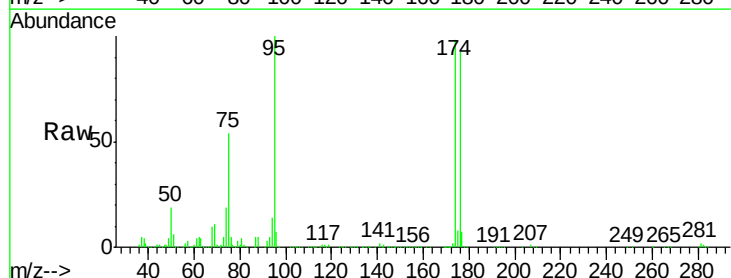
Tgt Ion: 75 Resp: 136322

Ion Ratio Lower Upper

75 100

53 0.1 72.0 108.0#

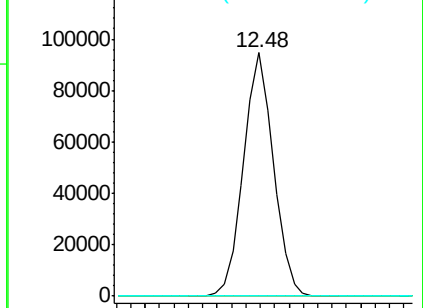
89 0.1 37.3 55.9#



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



Time-->

