

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072320\
 Data File : VY003320.D
 Acq On : 23 Jul 2020 16:46
 Operator : SY/MD
 Sample : L3308-24RE
 Misc : 5.08G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 24

Quant Time: Jul 24 04:41:34 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

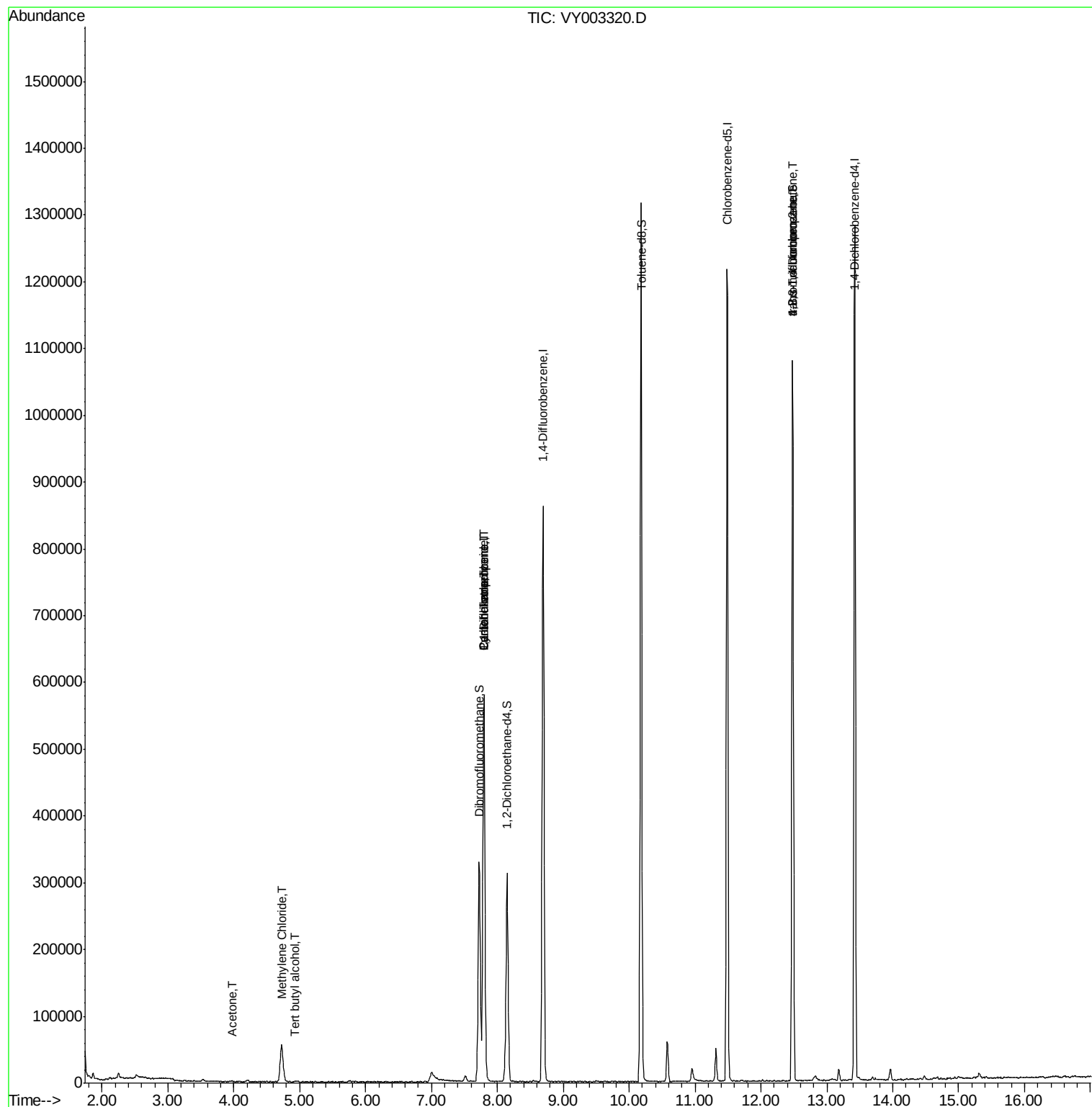
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	479041	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	736965	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	682350	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	336605	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	236648	58.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.06%	
35) Dibromofluoromethane	7.72	113	231649	54.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.24%	
50) Toluene-d8	10.18	98	893341	56.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.32%	
62) 4-Bromofluorobenzene	12.48	95	294389	51.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.36%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.94	59	973	2.225	ug/l #	72
16) Acetone	3.97	43	1097	1.215	ug/l	90
20) Methylene Chloride	4.72	84	44157	4.743	ug/l	91
31) Cyclohexane	7.79	56	8534	1.160	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	32633	4.886	ug/l #	50
38) Carbon Tetrachloride	7.80	117	42996	6.235	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	148169	49.729	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	148169	96.782	ug/l #	13

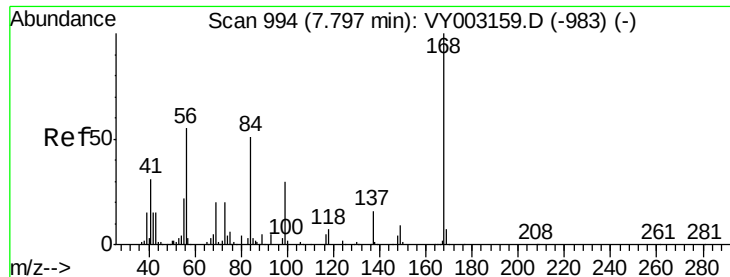
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072320\
Data File : VY003320.D
Acq On : 23 Jul 2020 16:46
Operator : SY/MD
Sample : L3308-24RE
Misc : 5.08G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
24

Quant Time: Jul 24 04:41:34 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: VY003320.D

Acq: 23 Jul 2020 16:46

Instrument :

MSVOA_Y

ClientSampleId :

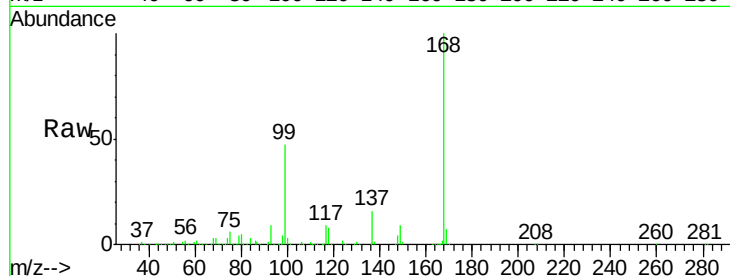
24

Tot Ion:168 Resp: 479041

Ion Ratio Lower Upper

168 100

99 47.5 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003320.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003320.D (-945) (-)

7.80

200000

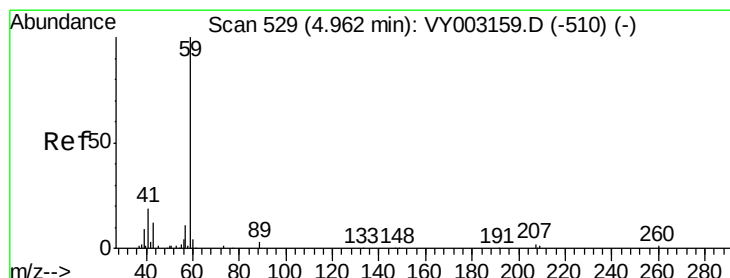
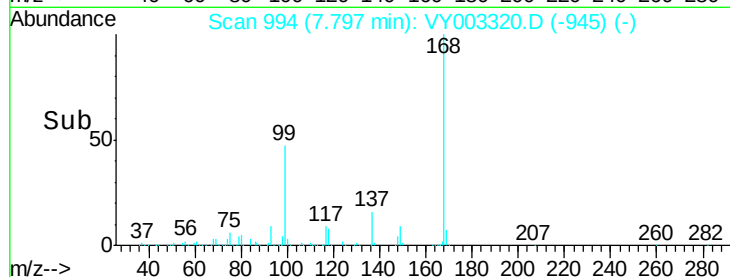
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.225 ug/l

RT: 4.94 min Scan# 525

Delta R.T. -0.02 min

Lab File: VY003320.D

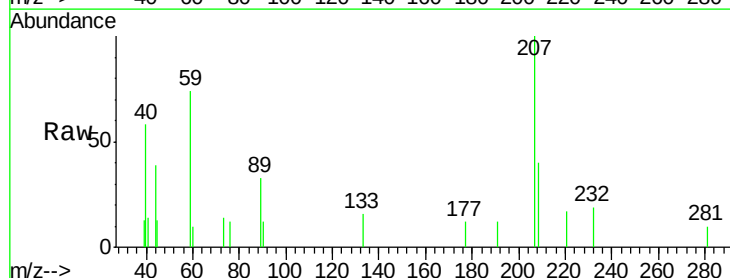
Acq: 23 Jul 2020 16:46

Tgt Ion: 59 Resp: 973

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VY003320.D (-480) (-)

Ion 57.00 (56.70 to 57.70): VY003320.D (-480) (-)

4.94

600

500

400

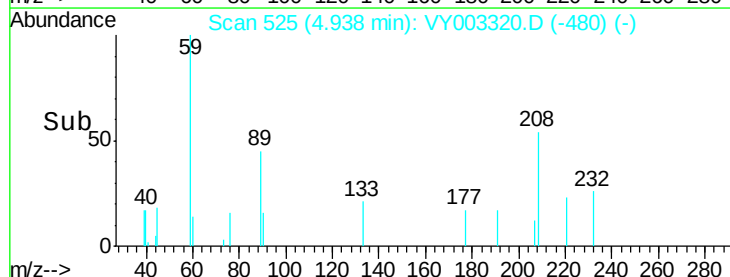
300

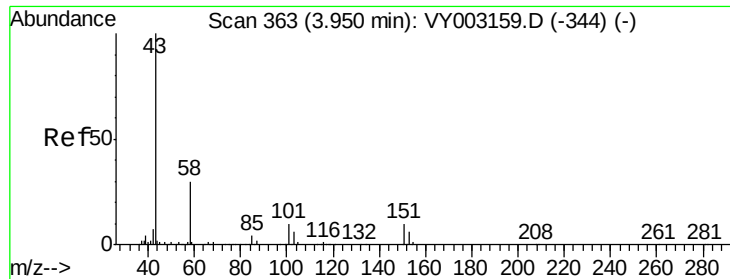
200

100

0

Time-->





#16

Acetone

Concen: 1.215 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.02 min

Lab File: VY003320.D

Acq: 23 Jul 2020 16:46

Instrument :

MSVOA_Y

ClientSampled :

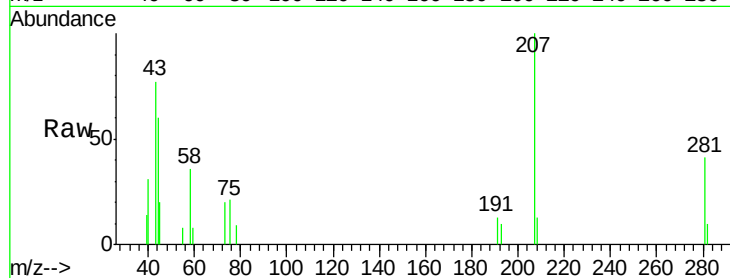
24

Tot Ion: 43 Resp: 1097

Ion Ratio Lower Upper

43 100

58 34.8 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.97

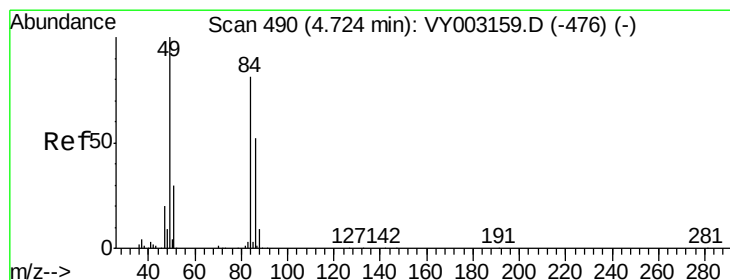
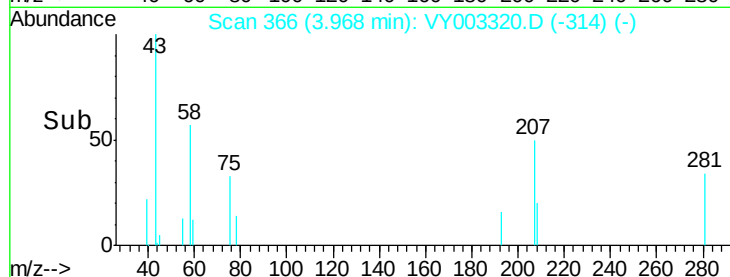
600

400

200

0

Time-->



#20

Methylene Chloride

Concen: 4.743 ug/l

RT: 4.72 min Scan# 489

Delta R.T. -0.01 min

Lab File: VY003320.D

Acq: 23 Jul 2020 16:46

Tgt Ion: 84 Resp: 44157

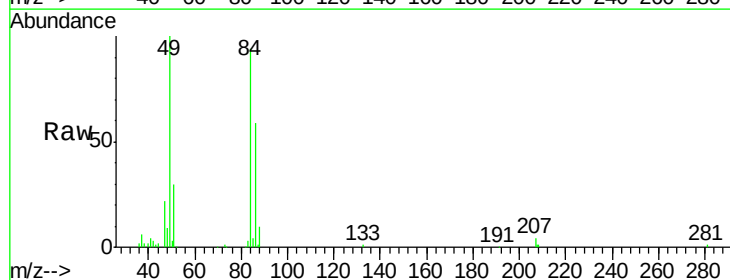
Ion Ratio Lower Upper

84 100

49 106.9 98.2 147.4

51 32.1 29.8 44.6

86 63.5 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

25000

20000

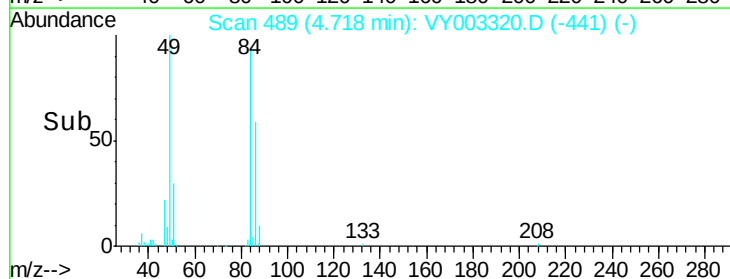
15000

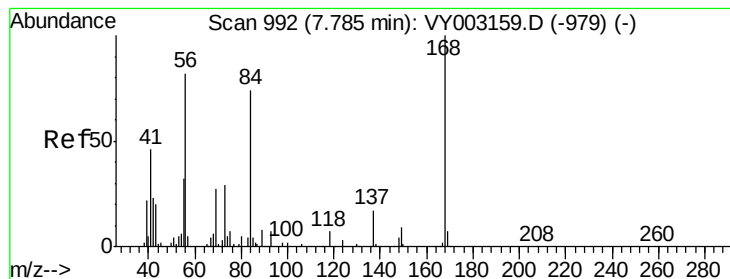
10000

5000

0

Time-->





#31

Cyclohexane

Concen: 1.160 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY003320.D

Acq: 23 Jul 2020 16:46

Instrument :

MSVOA_Y

ClientSampleId :

24

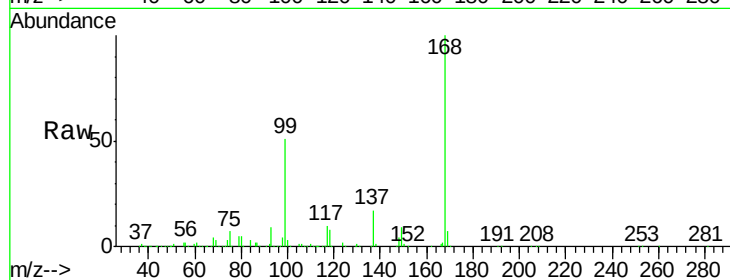
Tot Ion: 56 Resp: 8534

Ion Ratio Lower Upper

56 100

69 180.8 26.7 40.1#

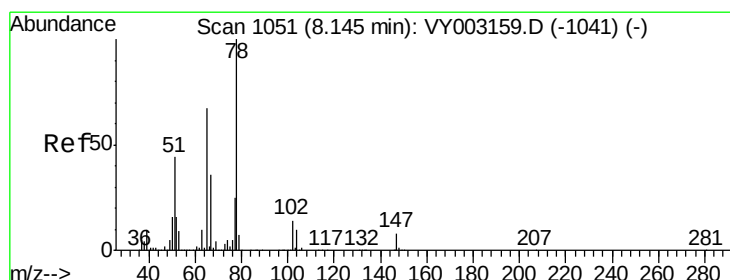
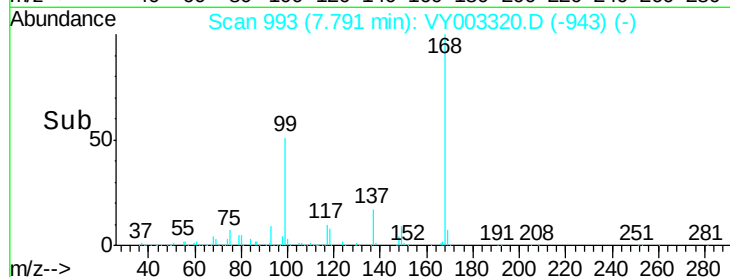
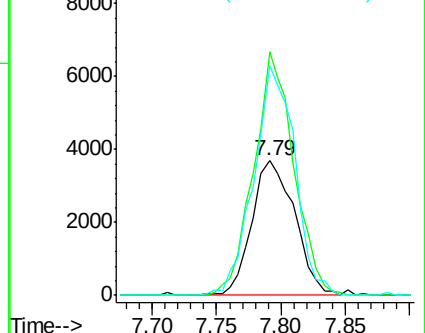
84 170.0 72.3 108.5#



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 58.529 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VY003320.D

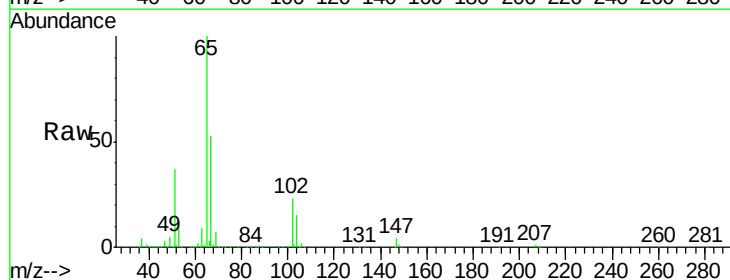
Acq: 23 Jul 2020 16:46

Tgt Ion: 65 Resp: 236648

Ion Ratio Lower Upper

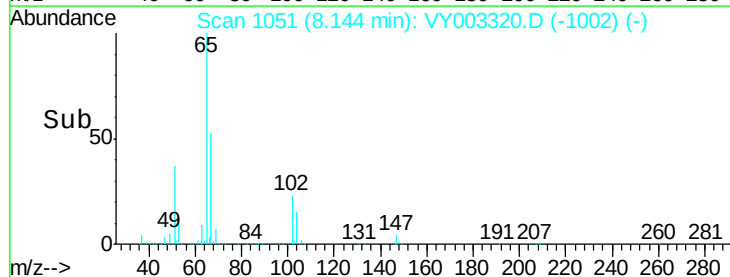
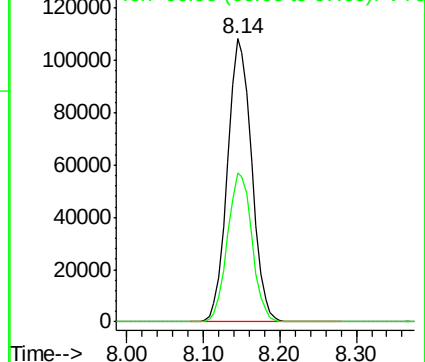
65 100

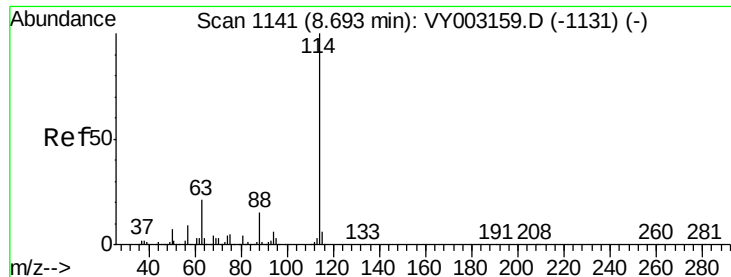
67 53.3 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

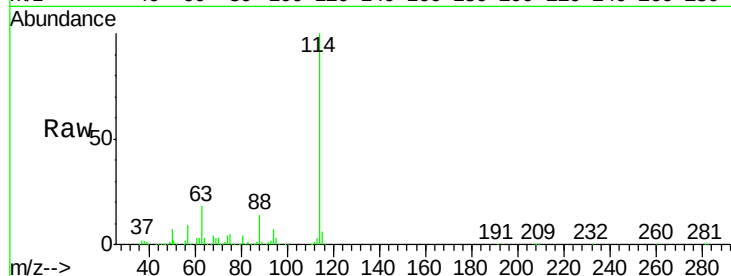




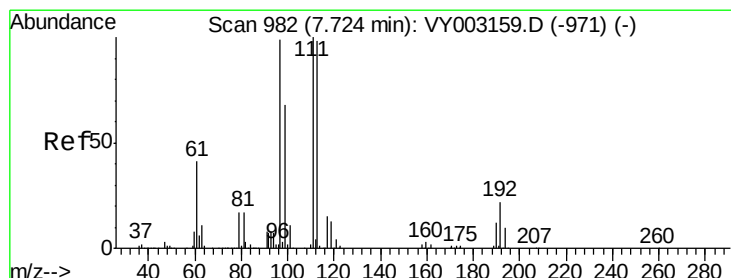
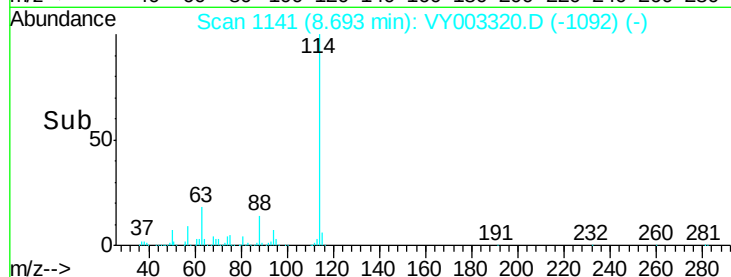
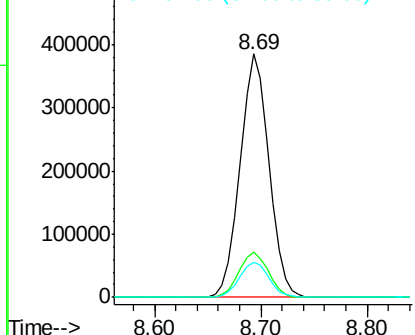
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003320.D
 Acq: 23 Jul 2020 16:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 24

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	41.2
88	14.4	0.0	30.2

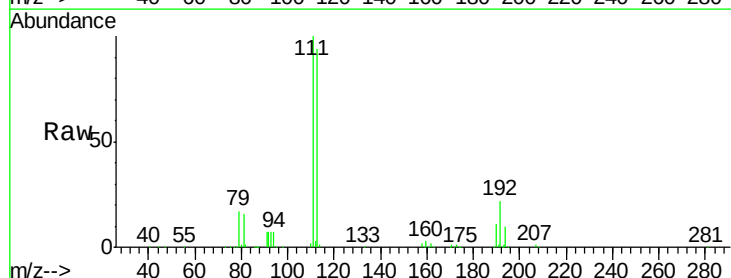


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

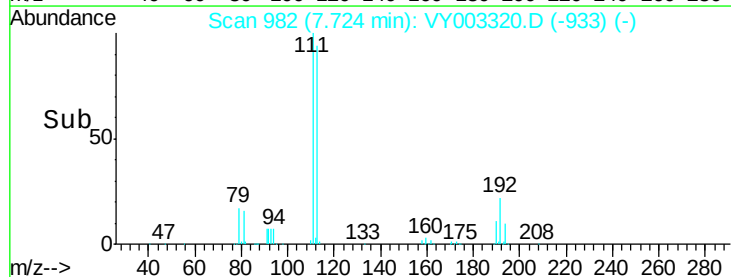
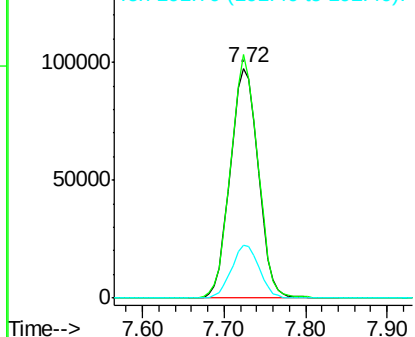


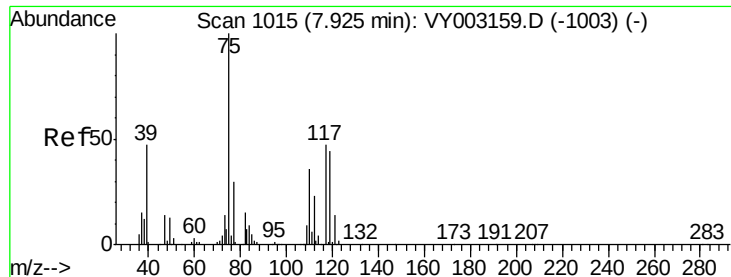
#35
 Dibromofluoromethane
 Concen: 54.621 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003320.D
 Acq: 23 Jul 2020 16:46

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	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: 4.886 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY003320.D

Acq: 23 Jul 2020 16:46

Instrument :

MSVOA_Y

ClientSampled :

24

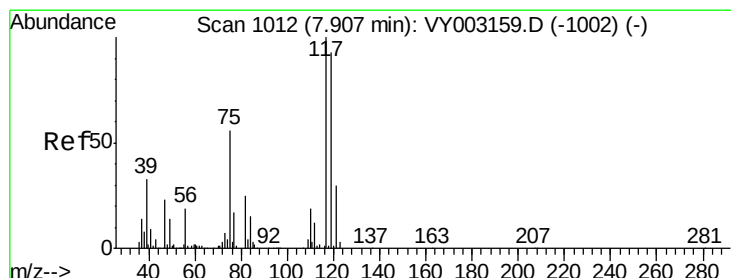
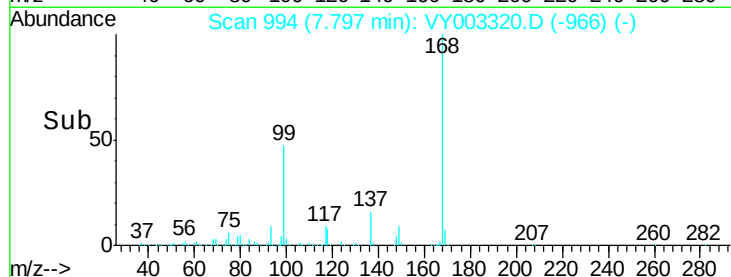
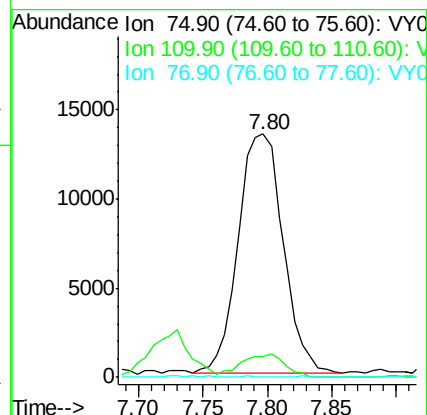
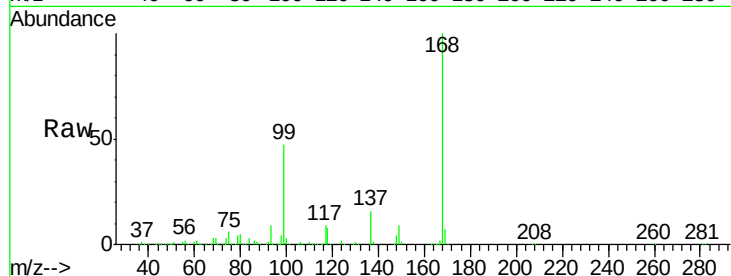
Tot Ion: 75 Resp: 32633

Ion Ratio Lower Upper

75 100

110 9.4 18.1 54.1#

77 0.1 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.235 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003320.D

Acq: 23 Jul 2020 16:46

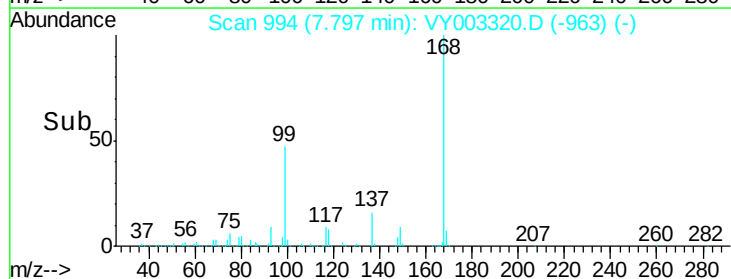
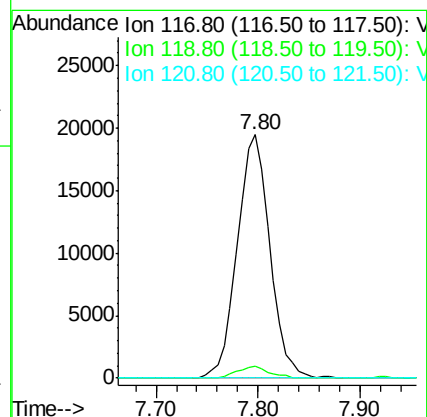
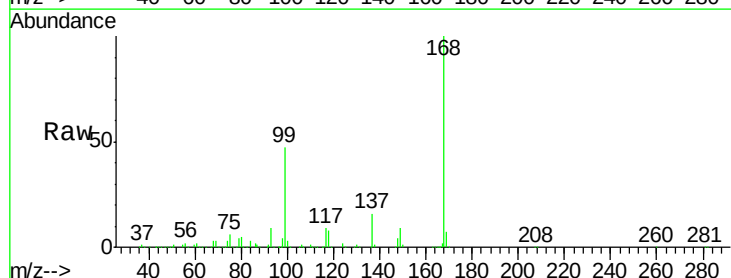
Tgt Ion: 117 Resp: 42996

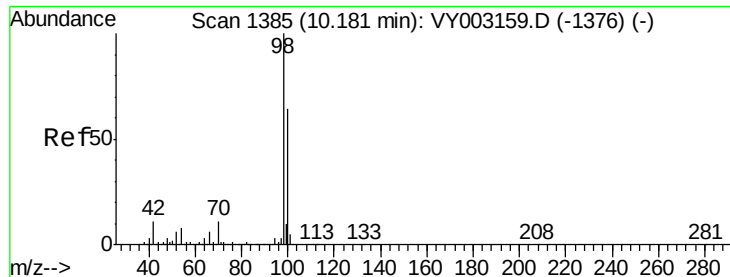
Ion Ratio Lower Upper

117 100

119 4.7 74.5 111.7#

121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 56.657 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003320.D

Acq: 23 Jul 2020 16:46

Instrument :

MSVOA_Y

ClientSampleId :

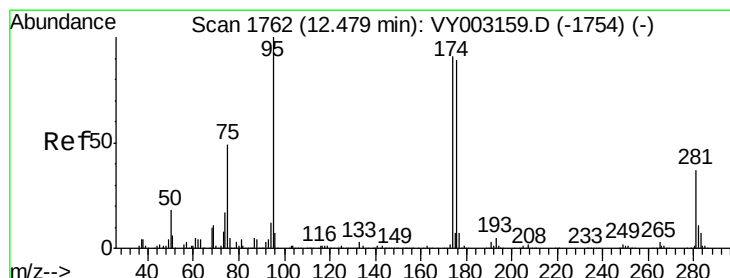
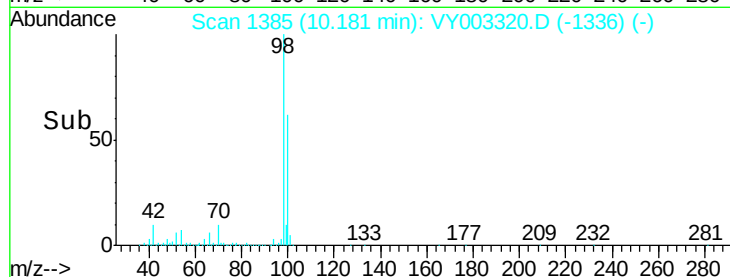
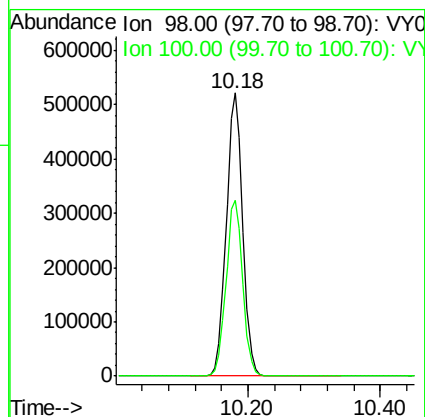
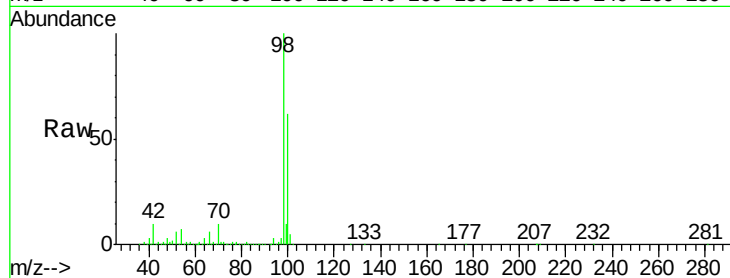
24

Tot Ion: 98 Resp: 893341

Ion Ratio Lower Upper

98 100

100 63.2 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 51.682 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003320.D

Acq: 23 Jul 2020 16:46

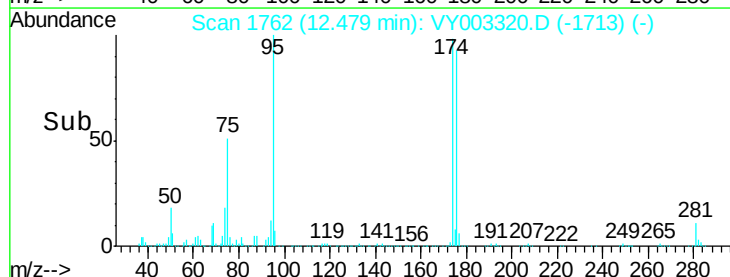
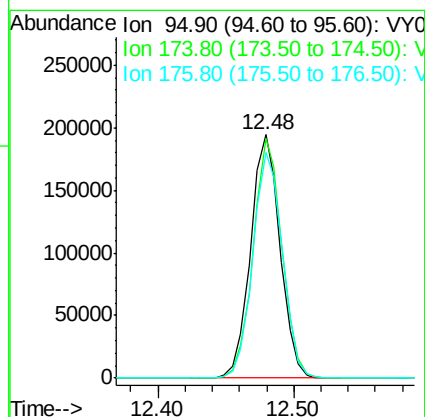
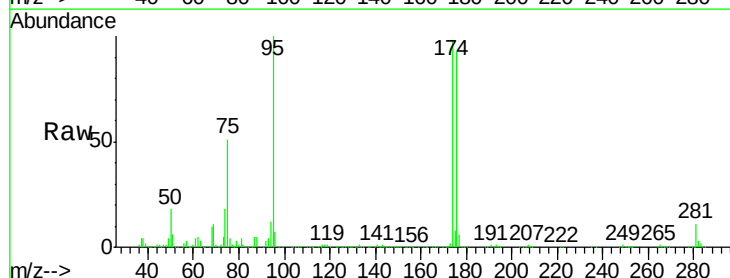
Tgt Ion: 95 Resp: 294389

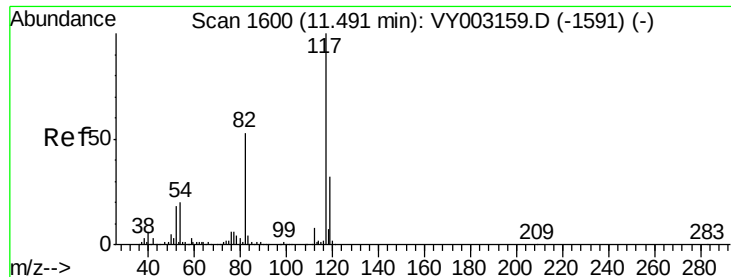
Ion Ratio Lower Upper

95 100

174 96.5 0.0 190.6

176 93.2 0.0 186.4

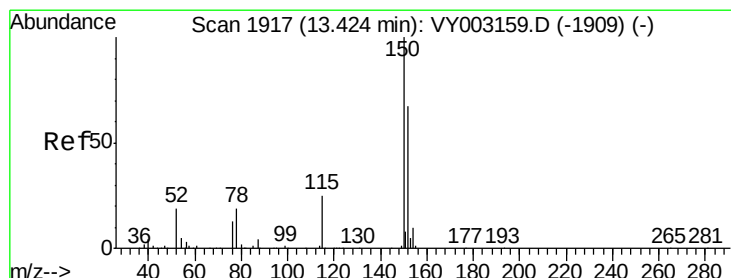
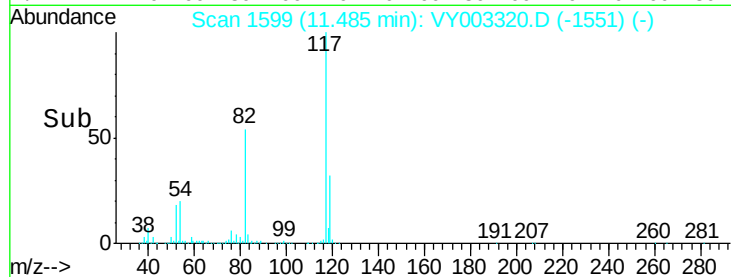
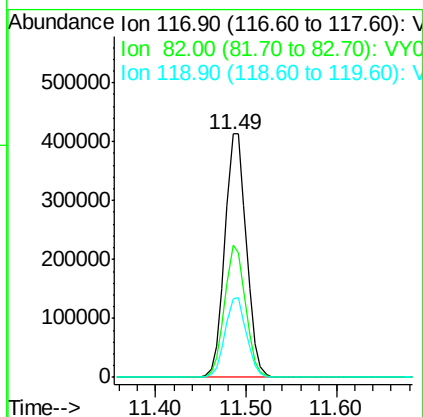
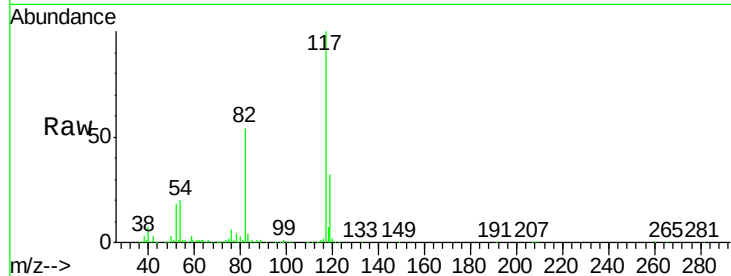




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003320.D
Acq: 23 Jul 2020 16:46

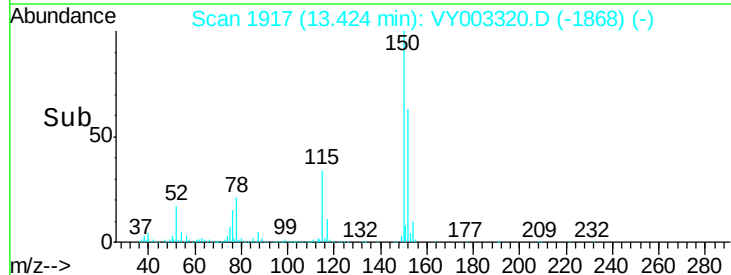
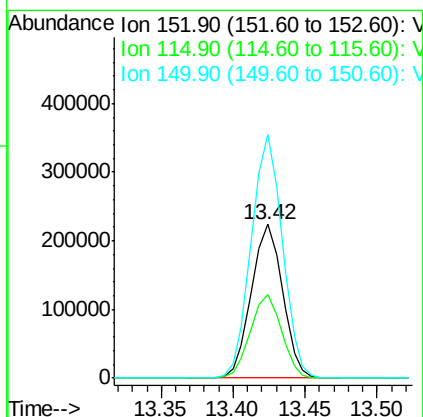
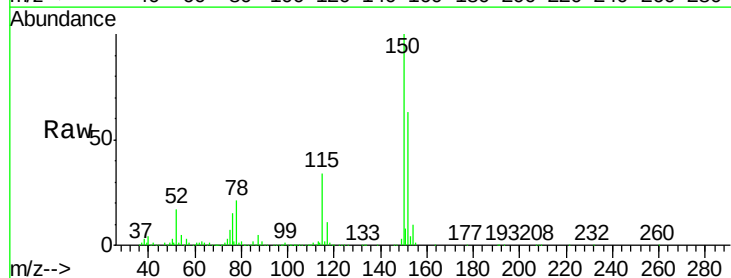
Instrument :
MSVOA_Y
ClientSampleId :
24

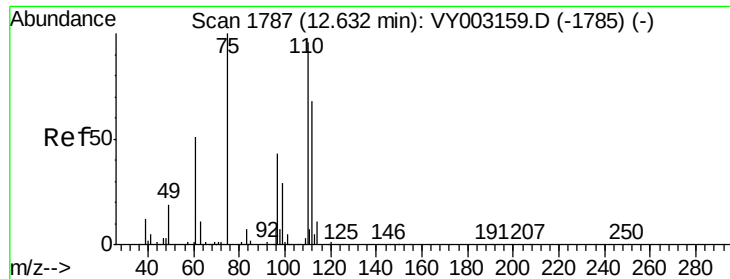
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	42.0	63.0
119	32.2	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003320.D
Acq: 23 Jul 2020 16:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.2	26.9	80.7
150	157.3	0.0	338.0





#76

1,2,3-Trichloropropane

Concen: 49.729 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003320.D

Acq: 23 Jul 2020 16:46

Instrument :

MSVOA_Y

ClientSampled :

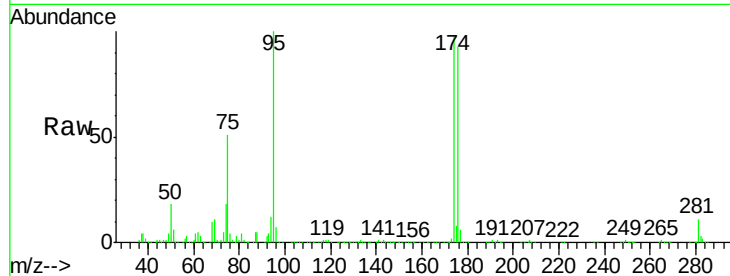
24

Tot Ion: 75 Resp: 148169

Ion Ratio Lower Upper

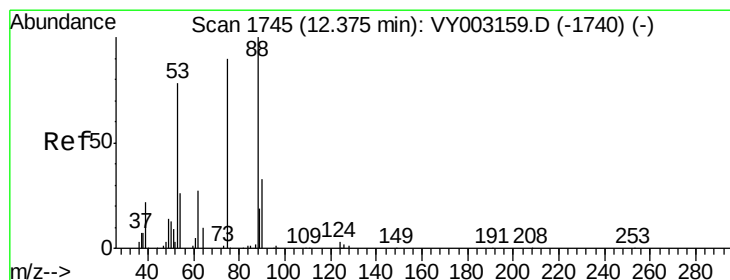
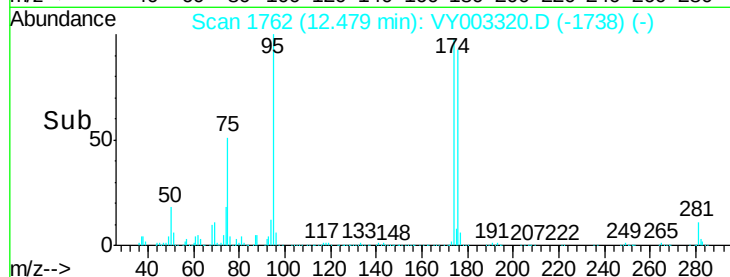
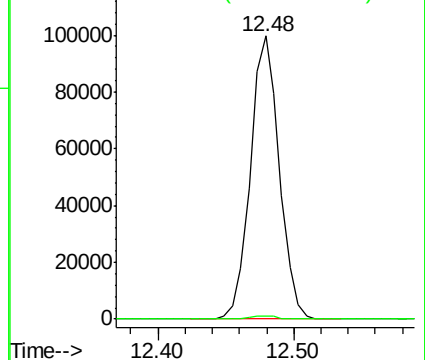
75 100

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



#81

trans-1,4-Dichloro-2-butene

Concen: 96.782 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003320.D

Acq: 23 Jul 2020 16:46

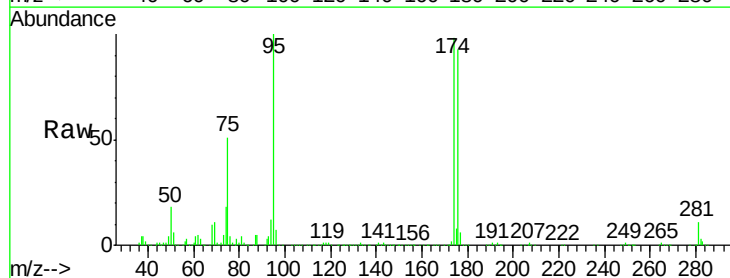
Tgt Ion: 75 Resp: 148169

Ion Ratio Lower Upper

75 100

53 0.1 72.0 108.0#

89 0.2 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

