

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021720\
 Data File : VY001649.D
 Acq On : 17 Feb 2020 16:23
 Operator : SY/MD
 Sample : L1546-02
 Misc : 6.16G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 18 00:36:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

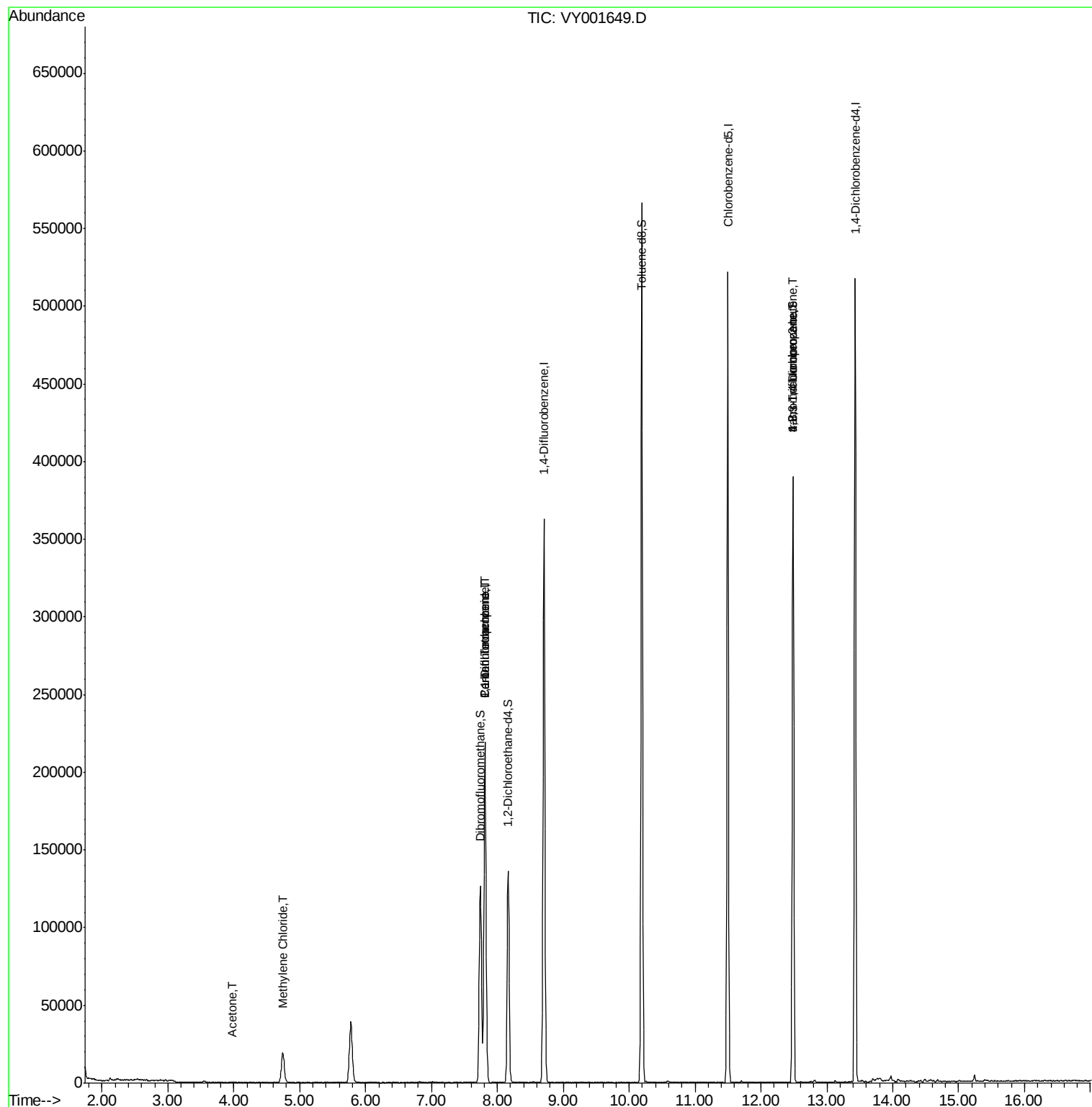
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	169430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	307257	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	274264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	124027	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	99697	54.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.40%	
35) Dibromofluoromethane	7.74	113	89484	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
50) Toluene-d8	10.19	98	368869	53.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.00%	
62) 4-Bromofluorobenzene	12.49	95	127866	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.48%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.01	59	48	Below Cal	#	74
16) Acetone	3.97	43	922	1.462	ug/l #	67
20) Methylene Chloride	4.74	84	14227	6.352	ug/l	96
36) 1,1-Dichloropropene	7.81	75	13901	4.736	ug/l #	49
38) Carbon Tetrachloride	7.81	117	16724	6.487	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	64970	45.665	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	64970	86.634	ug/l #	17

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY021720\
Data File : VY001649.D
Acq On : 17 Feb 2020 16:23
Operator : SY/MD
Sample : L1546-02
Misc : 6.16G/5ML/MSVOA Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 18 00:36:44 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001649.D

Acq: 17 Feb 2020 16:23

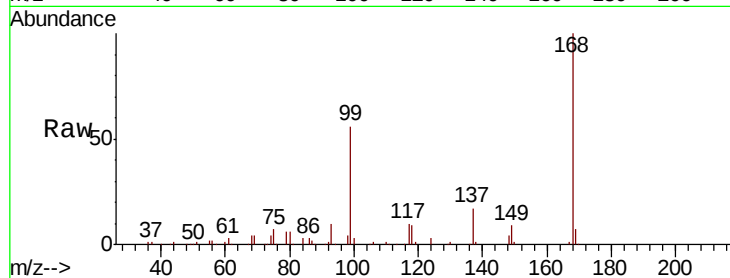
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 169430

Ion Ratio Lower Upper

168 100

99 56.3 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001638.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001638.D (-987) (-)

7.82

80000

60000

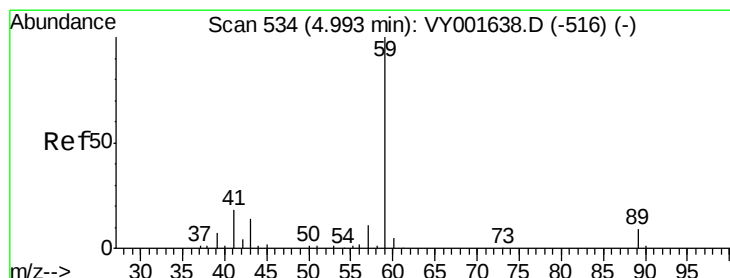
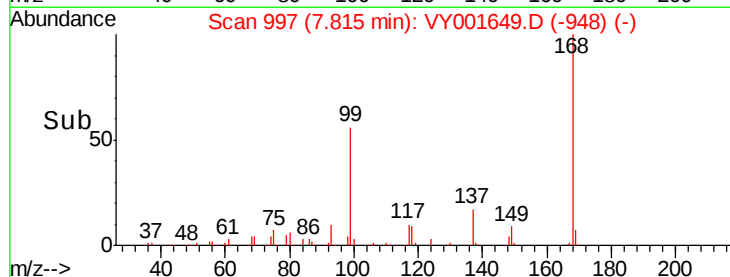
40000

20000

0

Time-->

7.70 7.80 7.90



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.01 min Scan# 536

Delta R.T. 0.01 min

Lab File: VY001649.D

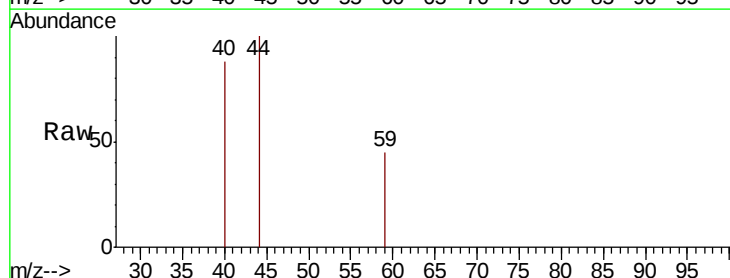
Acq: 17 Feb 2020 16:23

Tgt Ion: 59 Resp: 48

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001638.D (-516) (-)

Ion 57.00 (56.70 to 57.70): VY001638.D (-516) (-)

5.01

80

60

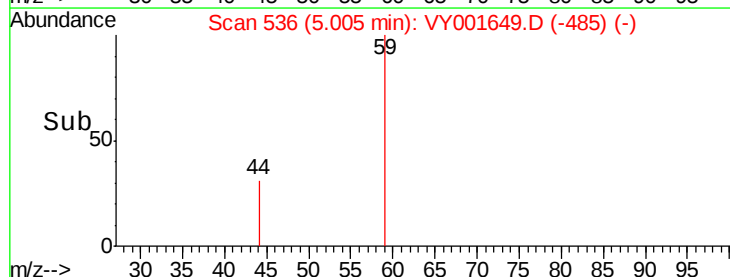
40

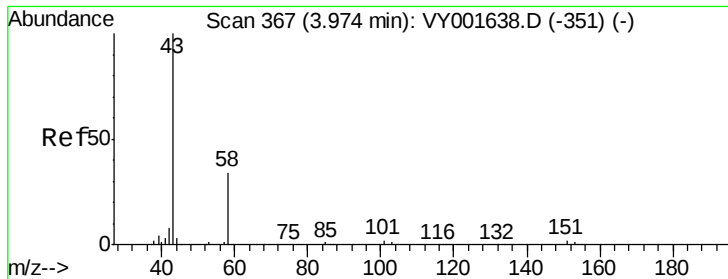
20

0

Time-->

4.99 5.00 5.01 5.02





#16

Acetone

Concen: 1.462 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY001649.D

Acq: 17 Feb 2020 16:23

Instrument :

MSVOA_Y

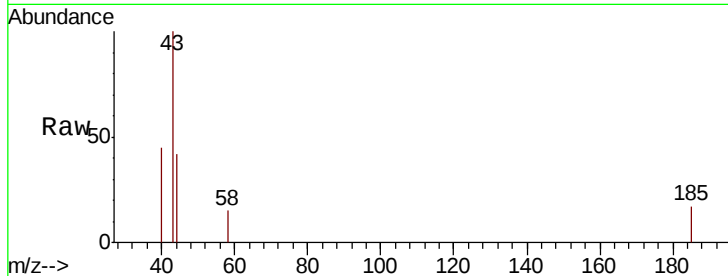
ClientSampleId :

Tot Ion: 43 Resp: 922

Ion Ratio Lower Upper

43 100

58 15.1 27.3 40.9#



Abundance Ion 43.00 (42.70 to 43.70): VY001638.D (-351) (-)

Ion 58.00 (57.70 to 58.70): VY001638.D (-351) (-)

3.97

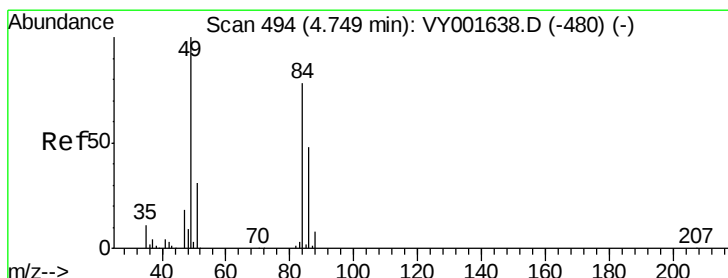
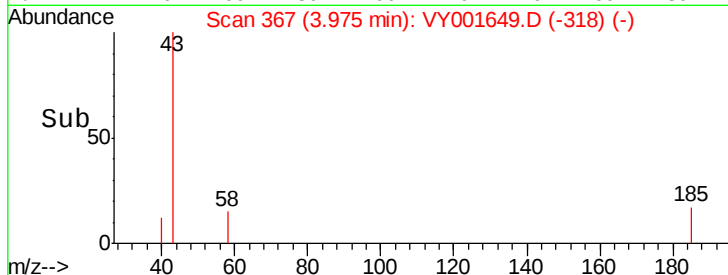
300

200

100

0

Time-->



#20

Methylene Chloride

Concen: 6.352 ug/l

RT: 4.74 min Scan# 492

Delta R.T. -0.01 min

Lab File: VY001649.D

Acq: 17 Feb 2020 16:23

Tgt Ion: 84 Resp: 14227

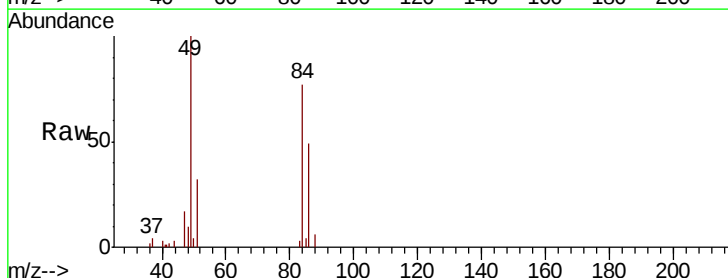
Ion Ratio Lower Upper

84 100

49 129.1 99.2 148.8

51 42.0 31.5 47.3

86 62.7 51.0 76.6



Abundance Ion 83.90 (83.60 to 84.60): VY001638.D (-480) (-)

Ion 48.90 (48.60 to 49.60): VY001638.D (-480) (-)

Ion 50.90 (50.60 to 51.60): VY001638.D (-480) (-)

Ion 85.90 (85.60 to 86.60): VY001638.D (-480) (-)

8000

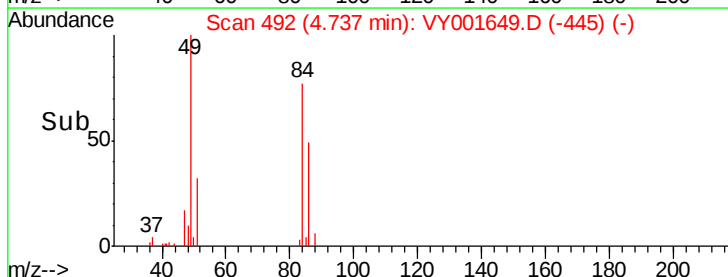
6000

4000

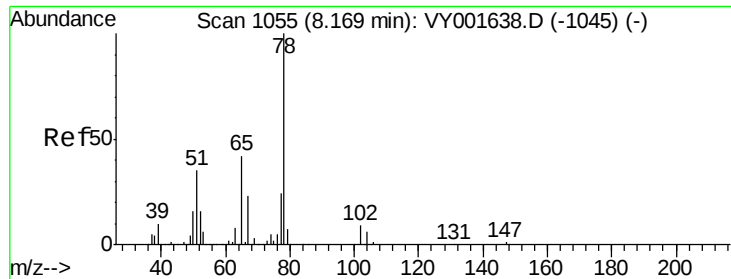
2000

0

Time-->



4.74



#33

1,2-Dichloroethane-d4

Concen: 54.705 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001649.D

Acq: 17 Feb 2020 16:23

Instrument :

MSVOA_Y

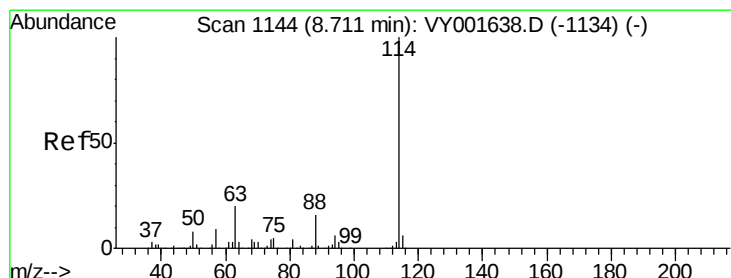
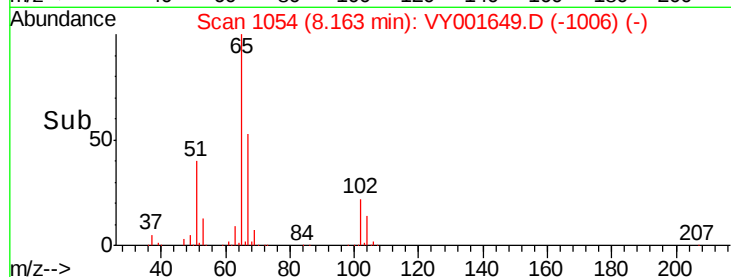
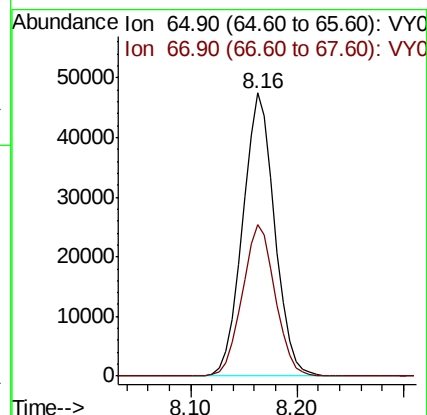
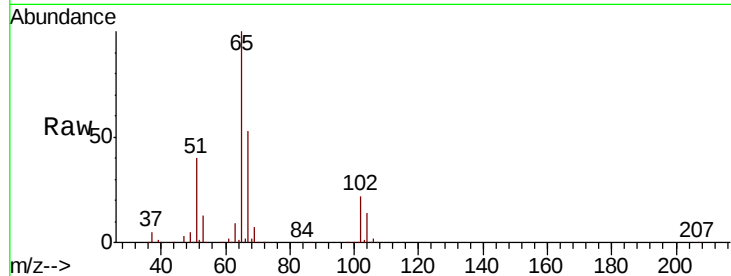
ClientSampleId :

Tot Ion: 65 Resp: 99697

Ion Ratio Lower Upper

65 100

67 55.1 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001649.D

Acq: 17 Feb 2020 16:23

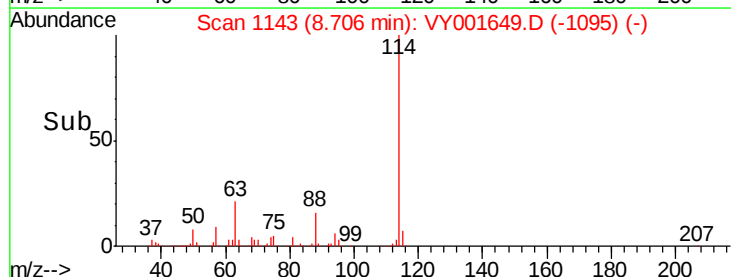
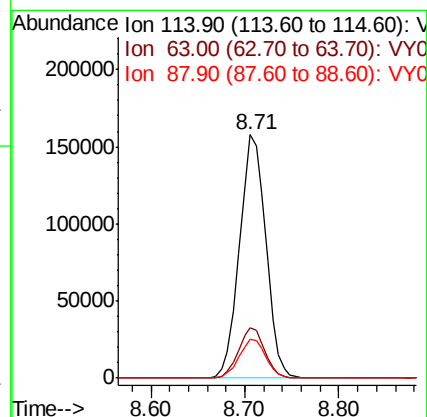
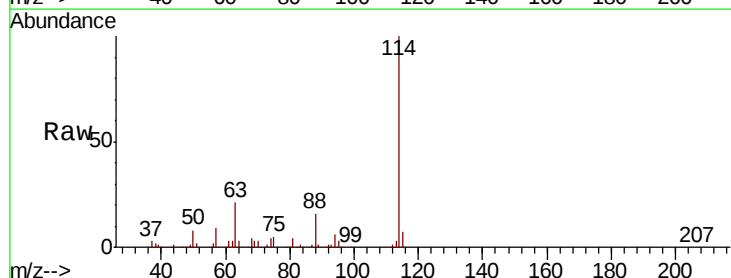
Tgt Ion: 114 Resp: 307257

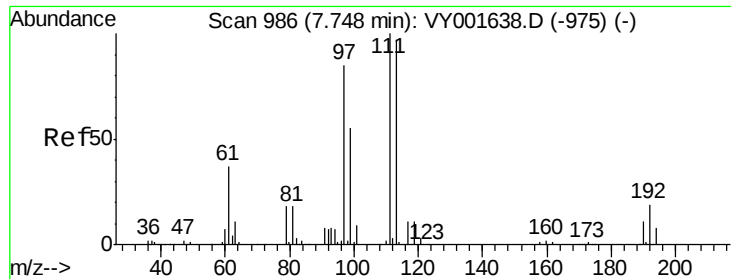
Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.4

88 15.7 0.0 32.8

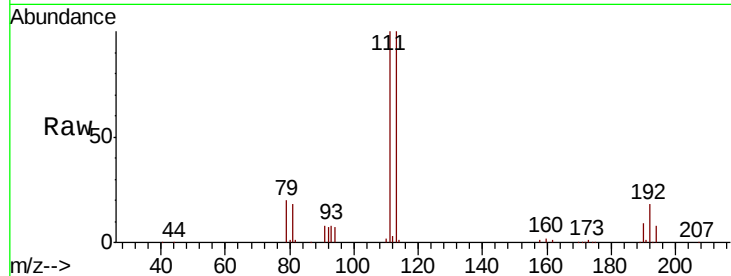




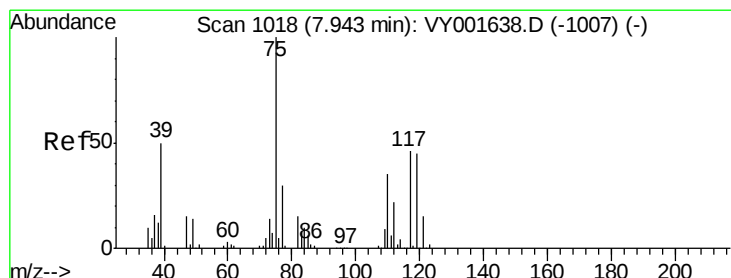
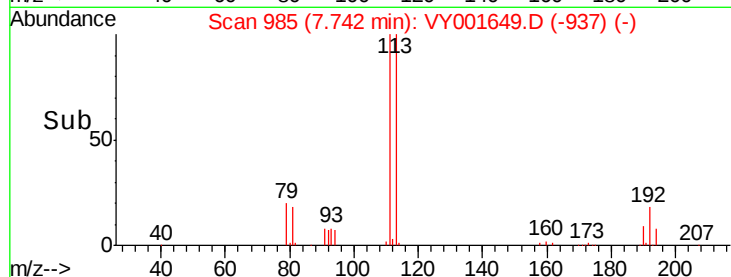
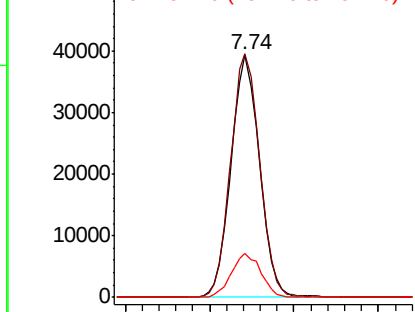
#35
Dibromofluoromethane
Concen: 50.848 ug/l
RT: 7.74 min Scan# 985
Delta R.T. -0.01 min
Lab File: VY001649.D
Acq: 17 Feb 2020 16:23

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:113 Resp: 89484
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 18.6 14.3 21.5

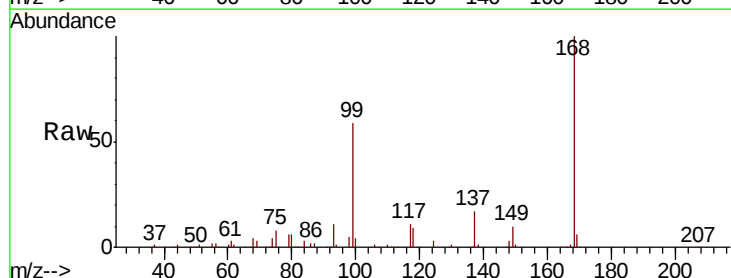


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

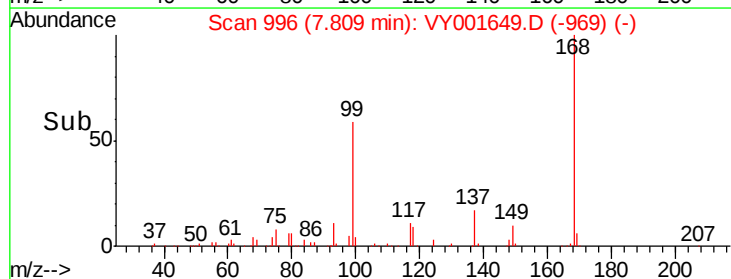
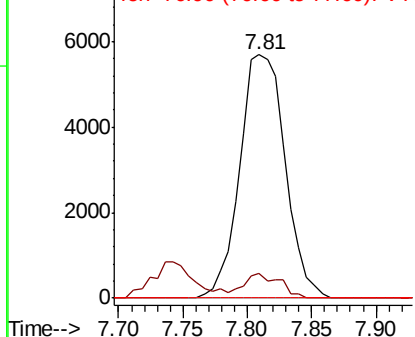


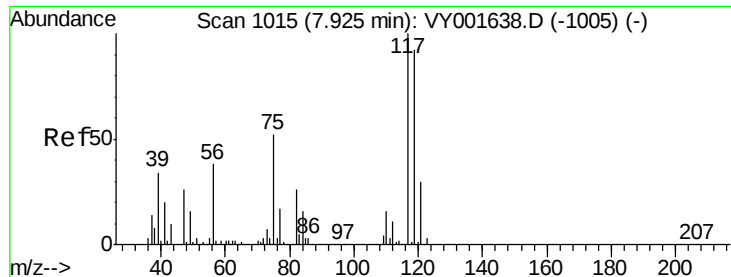
#36
1,1-Dichloropropene
Concen: 4.736 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.13 min
Lab File: VY001649.D
Acq: 17 Feb 2020 16:23

Tgt Ion: 75 Resp: 13901
Ion Ratio Lower Upper
75 100
110 8.0 17.2 51.6#
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

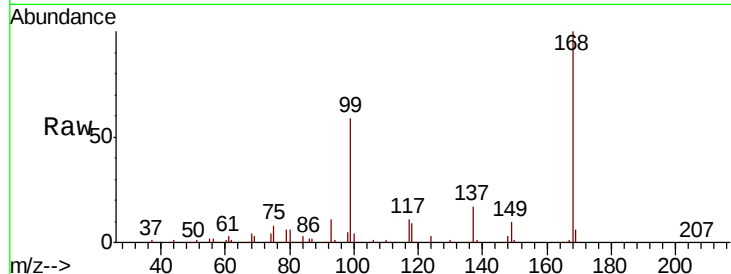




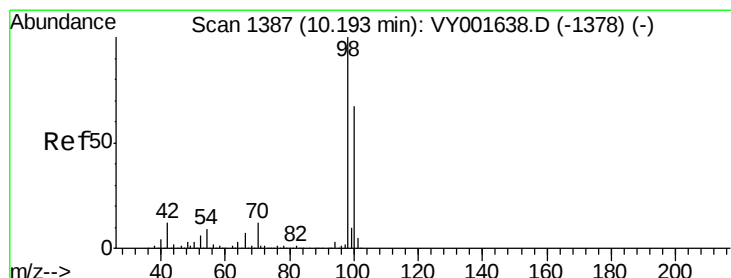
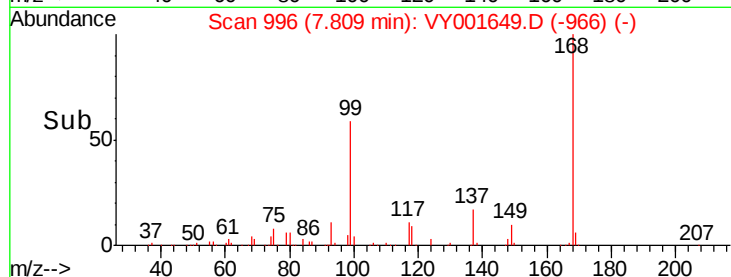
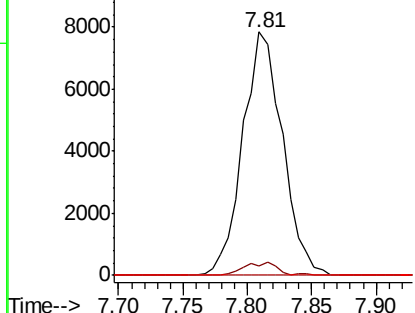
#38
Carbon Tetrachloride
Concen: 6.487 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.12 min
Lab File: VY001649.D
Acq: 17 Feb 2020 16:23

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 16724
Ion Ratio Lower Upper
117 100
119 3.7 74.8 112.2#
121 0.0 23.8 35.6#

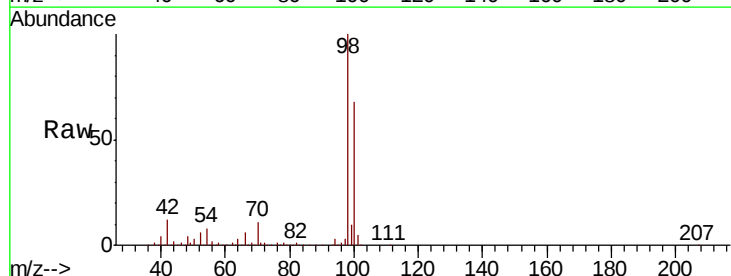


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

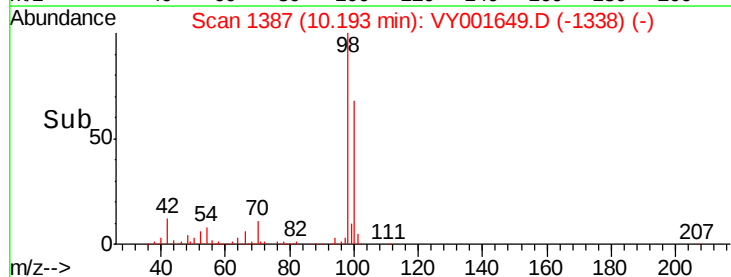
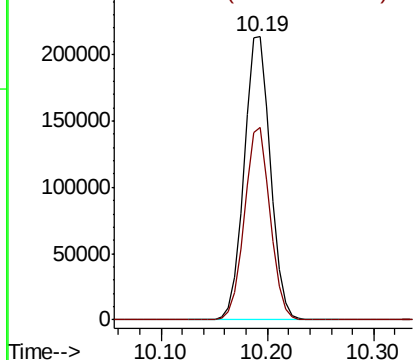


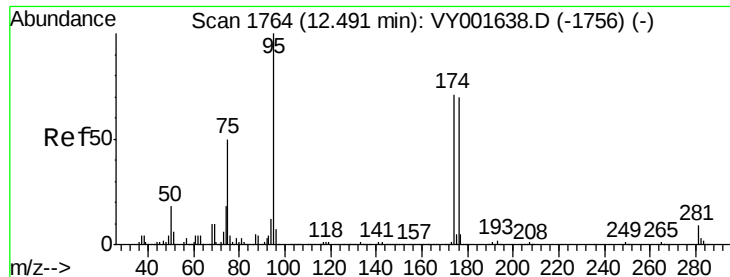
#50
Toluene-d8
Concen: 53.502 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VY001649.D
Acq: 17 Feb 2020 16:23

Tgt Ion: 98 Resp: 368869
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.4



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

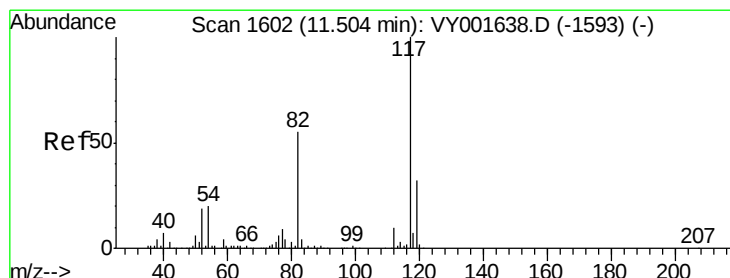
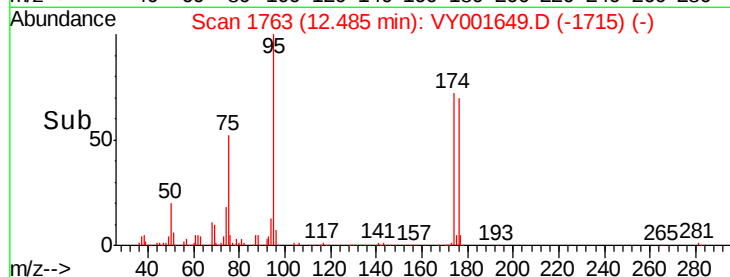
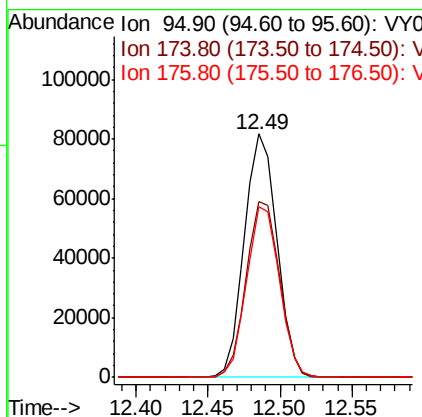
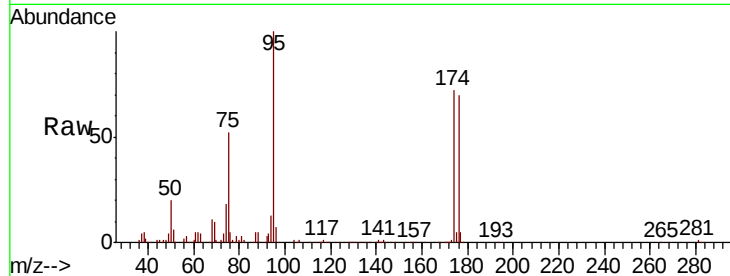




#62
4-Bromofluorobenzene
Concen: 47.739 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY001649.D
Acq: 17 Feb 2020 16:23

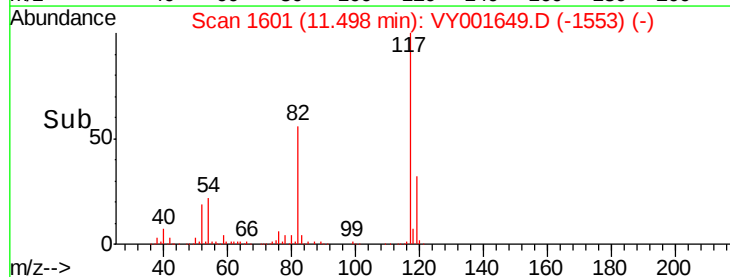
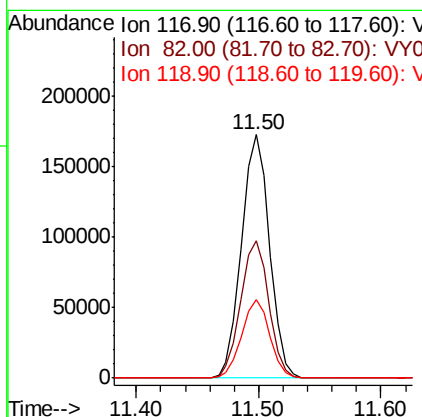
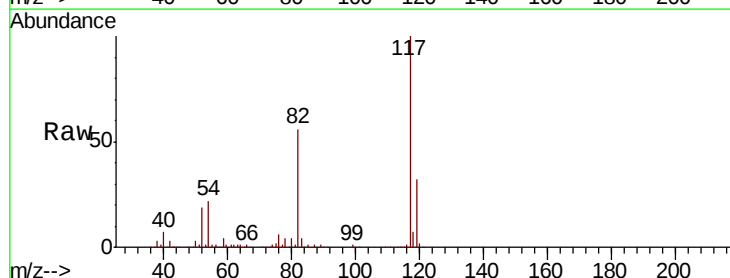
Instrument :
MSVOA_Y
ClientSampleId :

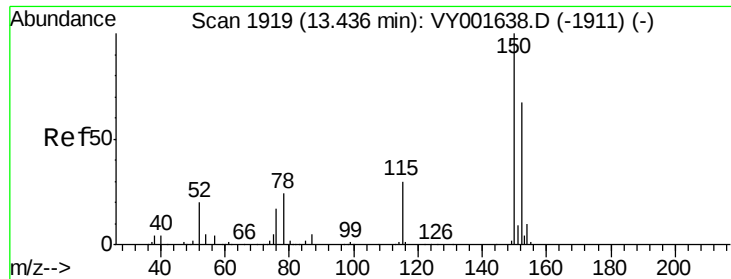
Tot Ion	95	Resp	127866
Ion Ratio	Lower	Upper	
95	100		
174	74.2	0.0	138.4
176	70.9	0.0	131.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001649.D
Acq: 17 Feb 2020 16:23

Tgt Ion	117	Resp	274264
Ion Ratio	Lower	Upper	
117	100		
82	56.2	45.5	68.3
119	32.0	25.8	38.6



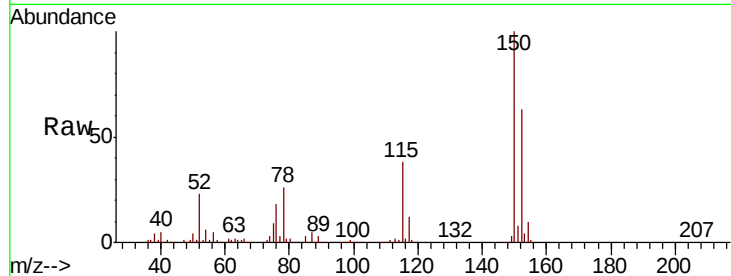


#72

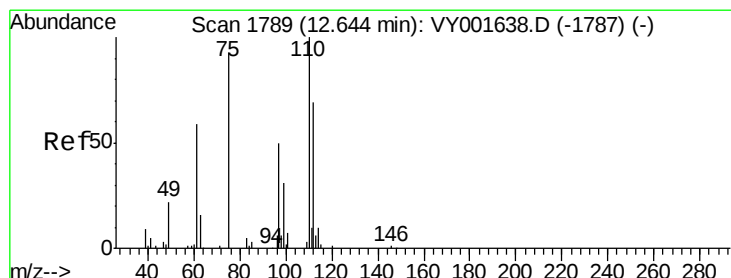
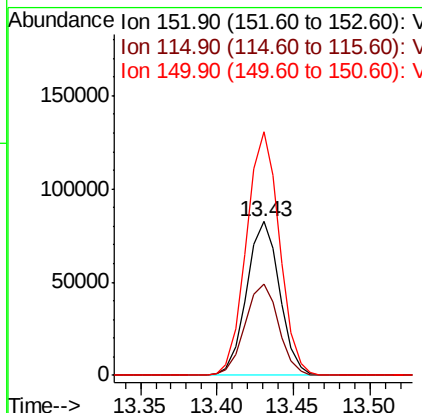
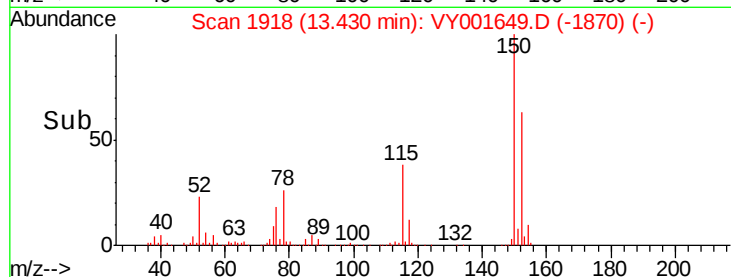
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001649.D
Acq: 17 Feb 2020 16:23

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.3	31.4	94.2
150	158.5	0.0	407.2



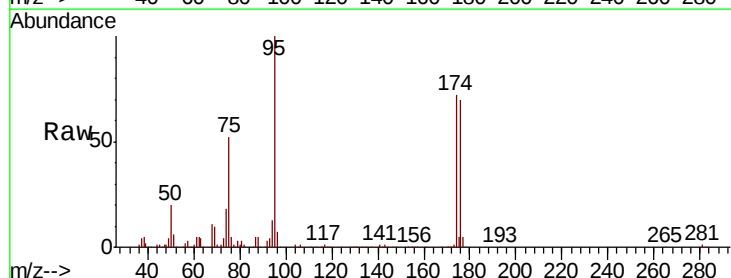
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



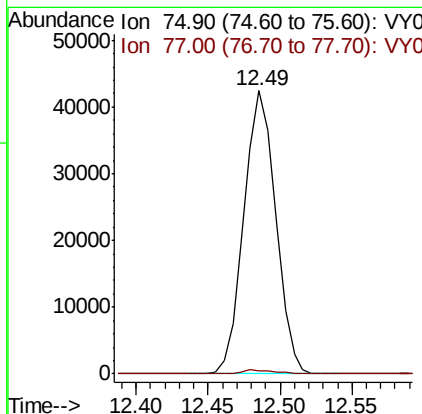
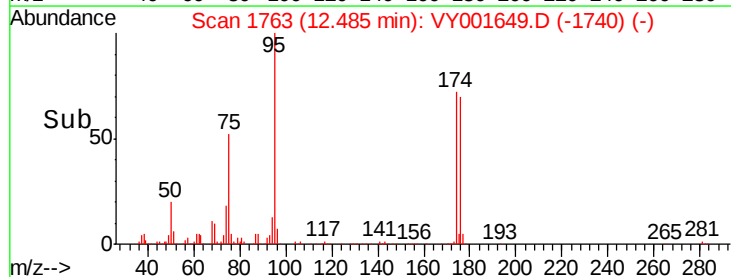
#76

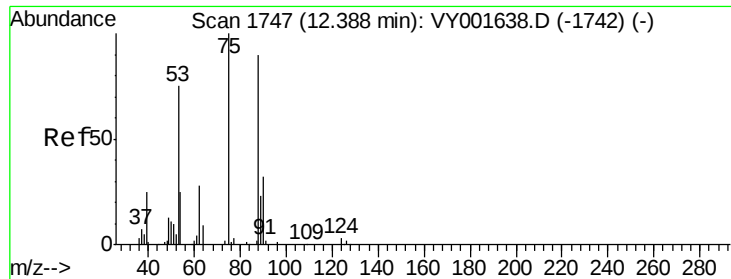
1,2,3-Trichloropropane
Concen: 45.665 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.16 min
Lab File: VY001649.D
Acq: 17 Feb 2020 16:23

Tgt 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: 86.634 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY001649.D

Acq: 17 Feb 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 64970

Ion Ratio Lower Upper

75 100

53 0.0 64.5 96.7#

89 0.1 36.3 54.5#

