

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy022620\
 Data File : VY001784.D
 Acq On : 26 Feb 2020 15:10
 Operator : SY/MD
 Sample : L1694-03
 Misc : 7.62G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B3-9.5-10

Quant Time: Feb 26 15:33:10 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	150676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	284245	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	259479	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	114246	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	90361	55.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.50%	
35) Dibromofluoromethane	7.74	113	81850	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
50) Toluene-d8	10.19	98	347994	54.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.12%	
62) 4-Bromofluorobenzene	12.49	95	117676	47.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.99	59	69	Below Cal	#	74
16) Acetone	3.99	43	2126	3.791	ug/l #	88
20) Methylene Chloride	4.76	84	8890	4.463	ug/l	93
36) 1,1-Dichloropropene	7.82	75	12801	4.715	ug/l #	49
38) Carbon Tetrachloride	7.82	117	15050	6.311	ug/l #	17
76) 1,2,3-Trichloropropane	12.49	75	60374	46.068	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	60374	87.398	ug/l #	17
95) Naphthalene	15.25	128	2528205	489.990	ug/l	100

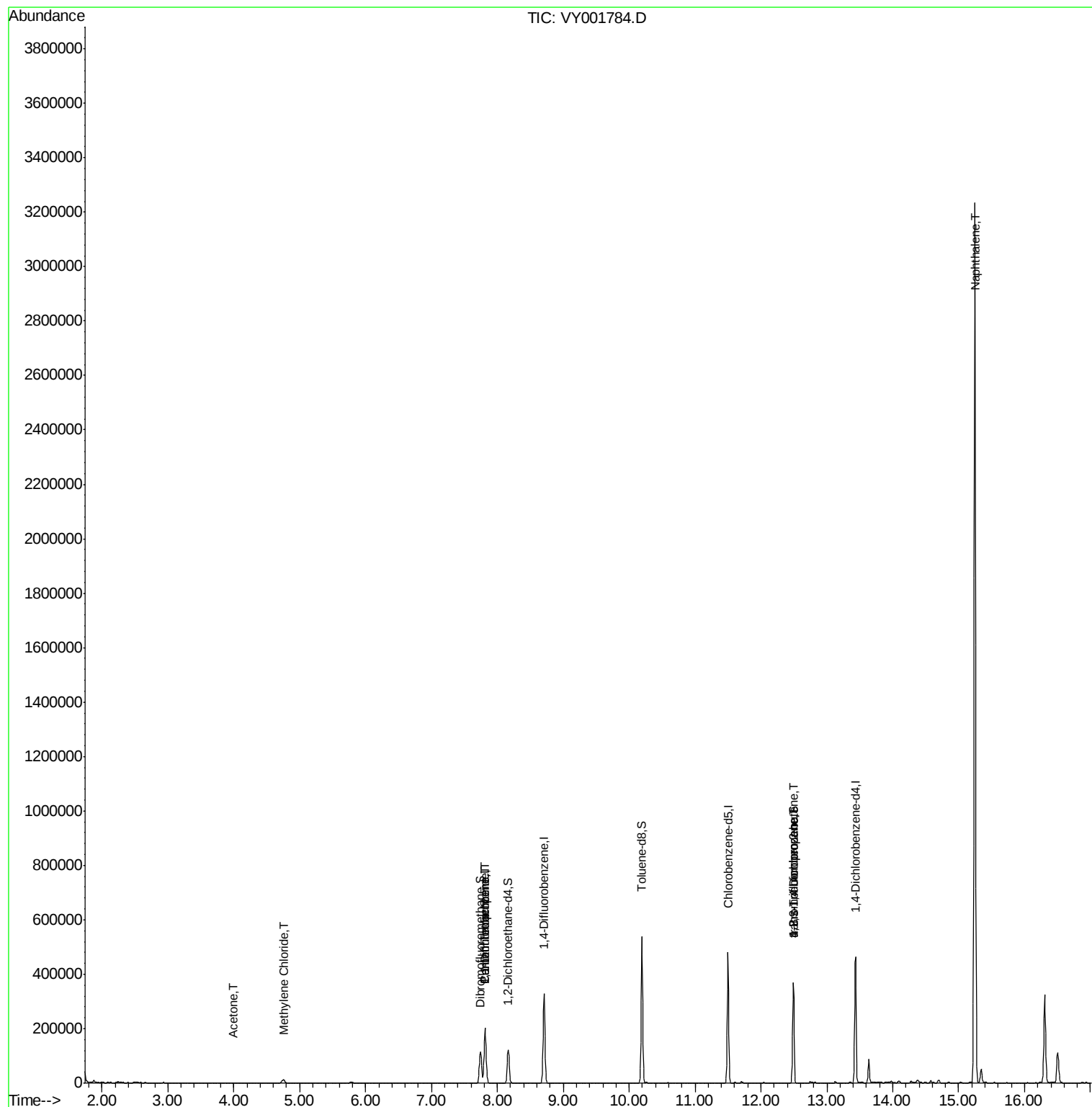
(#) = qualifier out of range (m) = manual integration (+) = signals summed

82Y021720S.M Wed Feb 26 15:31:39 2020

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY022620\
Data File : VY001784.D
Acq On : 26 Feb 2020 15:10
Operator : SY/MD
Sample : L1694-03
Misc : 7.62G/5ML/MSVOA_Y/SOIL
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MSVOA_Y
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B3-9.5-10

Quant Time: Feb 26 15:33:10 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: 50.00 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001784.D

Acq: 26 Feb 2020 15:10

Instrument :

MSVOA_Y

ClientSampled :

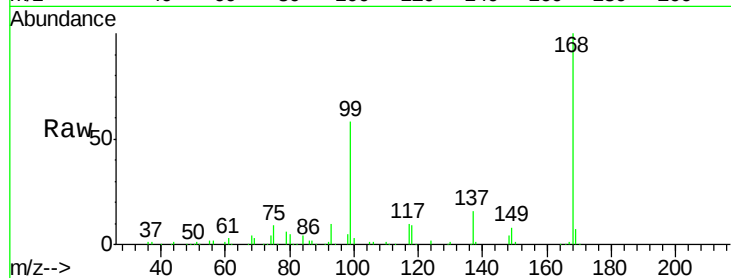
B3-9.5-10

Tgt Ion:168 Resp: 150676

Ion Ratio Lower Upper

168 100

99 58.3 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001784.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001784.D (-948) (-)

7.82

60000

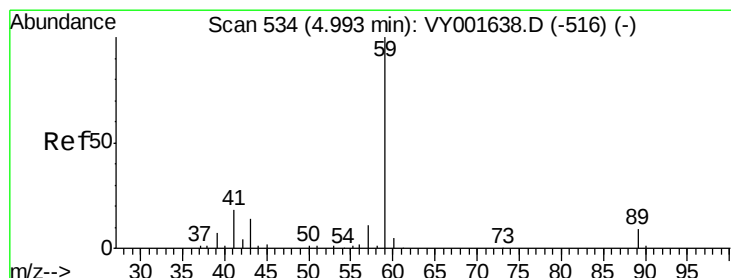
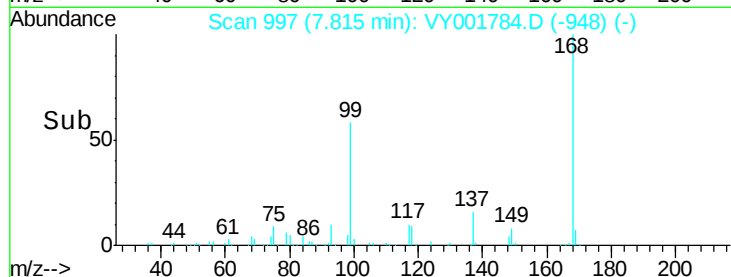
40000

20000

0

7.70 7.80 7.90

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.99 min Scan# 534

Delta R.T. 0.00 min

Lab File: VY001784.D

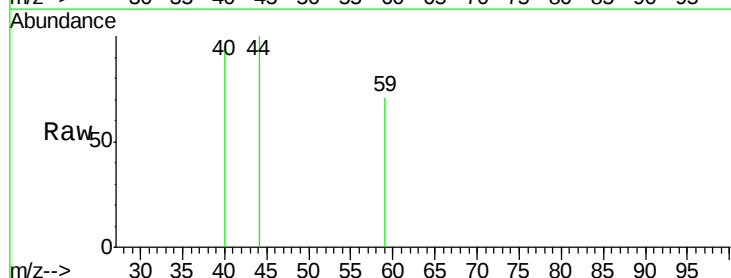
Acq: 26 Feb 2020 15:10

Tgt Ion: 59 Resp: 69

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001784.D (-485) (-)

Ion 57.00 (56.70 to 57.70): VY001784.D (-485) (-)

4.99

120

100

80

60

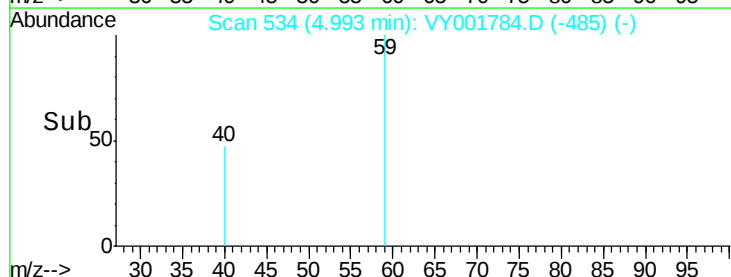
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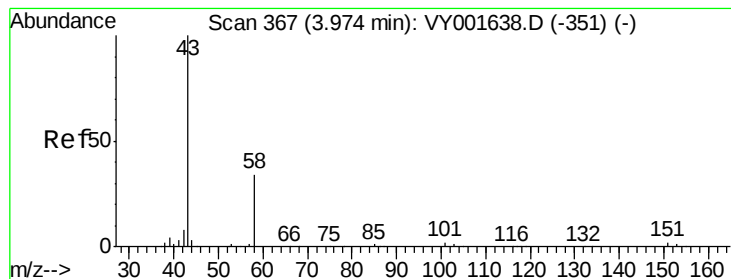
20

0

4.96 4.98 5.00

Time-->





#16

Acetone

Concen: 3.79 ug/l

RT: 3.99 min Scan# 370

Delta R.T. 0.02 min

Lab File: VY001784.D

Acq: 26 Feb 2020 15:10

Instrument :

MSVOA_Y

ClientSampleId :

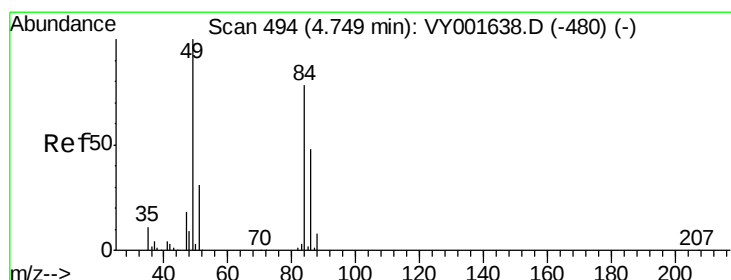
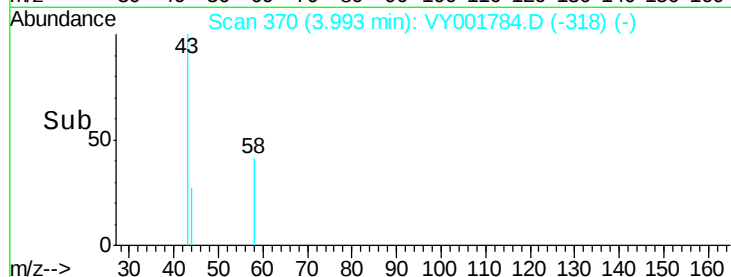
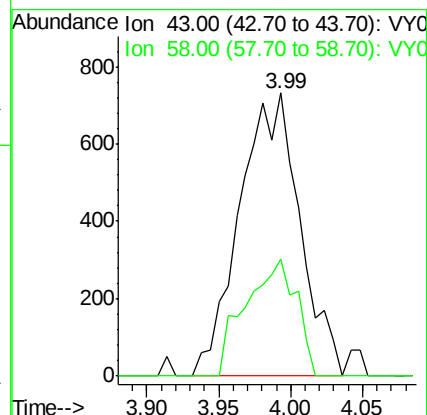
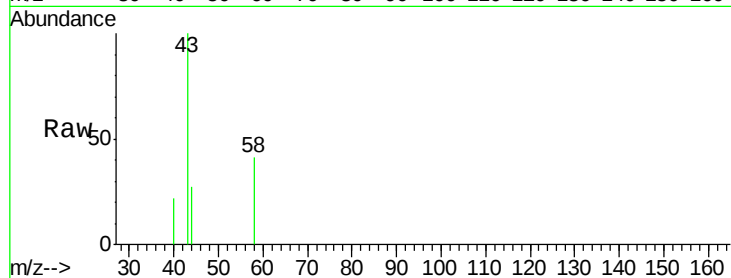
B3-9.5-10

Tgt Ion: 43 Resp: 2126

Ion Ratio Lower Upper

43 100

58 41.3 27.3 40.9#



#20

Methylene Chloride

Concen: 4.46 ug/l

RT: 4.76 min Scan# 495

Delta R.T. 0.01 min

Lab File: VY001784.D

Acq: 26 Feb 2020 15:10

Tgt Ion: 84 Resp: 8890

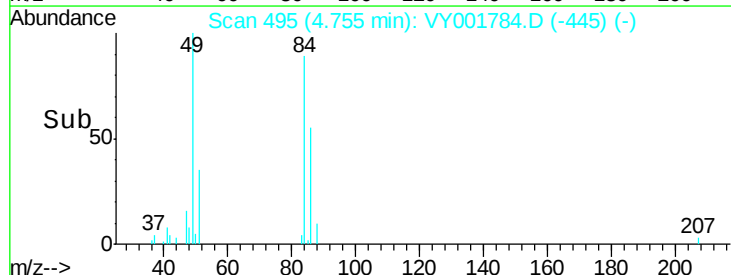
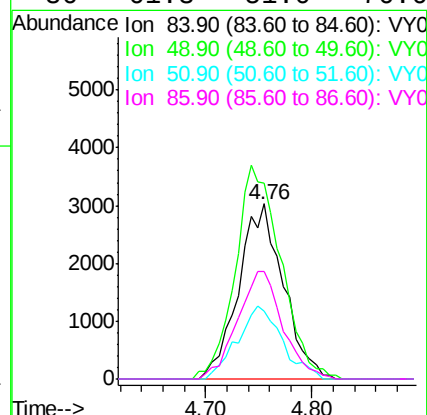
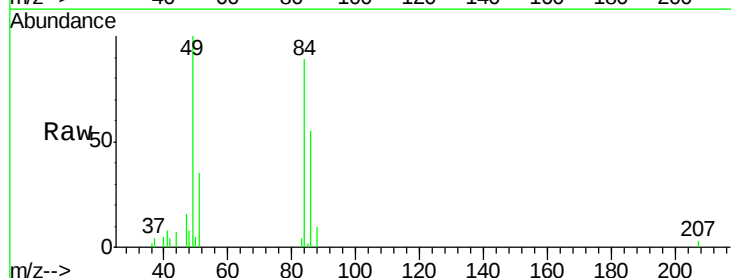
Ion Ratio Lower Upper

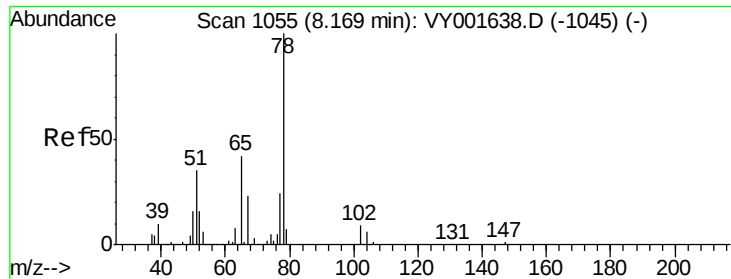
84 100

49 112.2 99.2 148.8

51 38.8 31.5 47.3

86 61.3 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 55.75 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001784.D

Acq: 26 Feb 2020 15:10

Instrument :

MSVOA_Y

ClientSampleId :

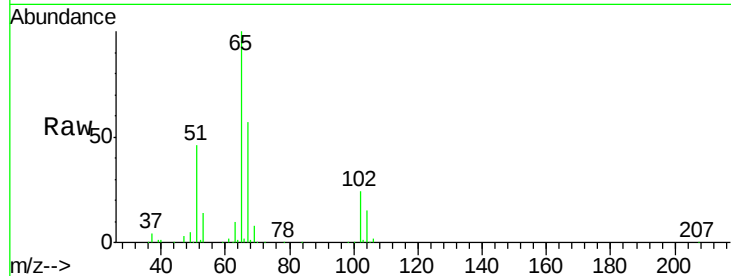
B3-9.5-10

Tgt Ion: 65 Resp: 90361

Ion Ratio Lower Upper

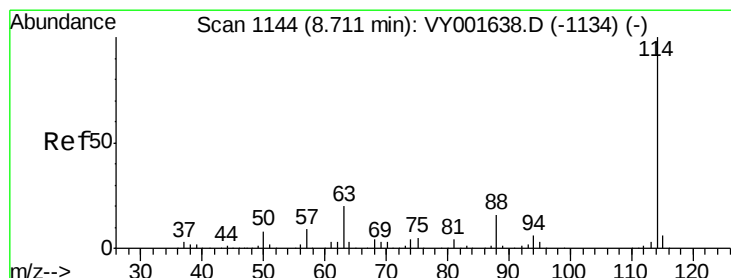
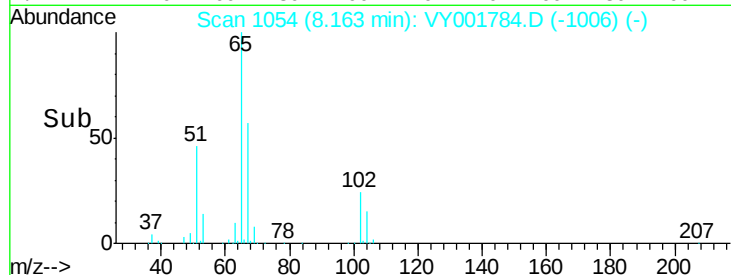
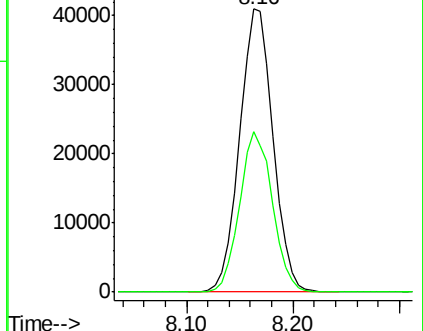
65 100

67 55.8 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY001784.D

Acq: 26 Feb 2020 15:10

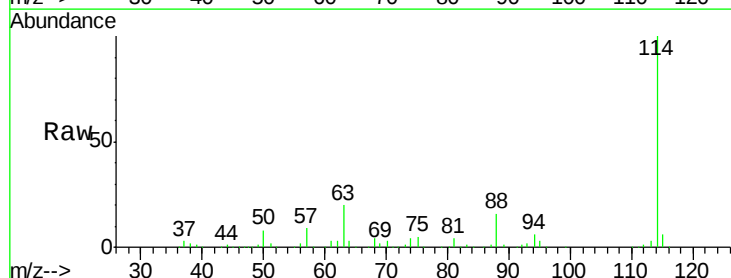
Tgt Ion: 114 Resp: 284245

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.4

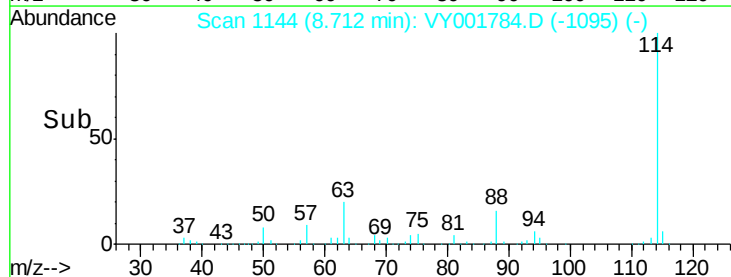
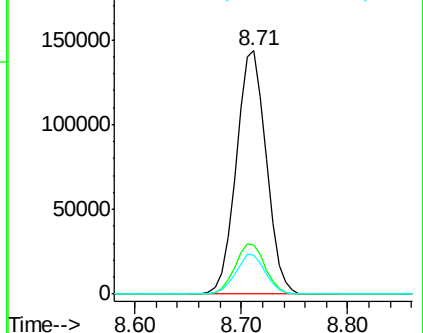
88 15.8 0.0 32.8

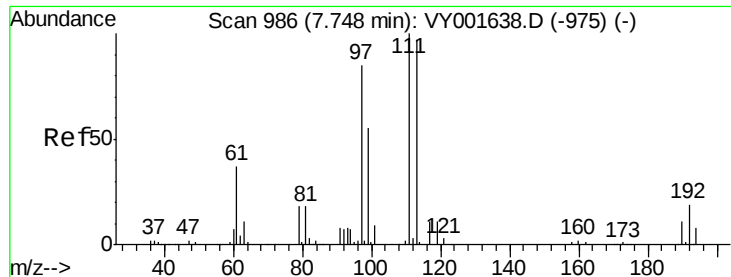


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

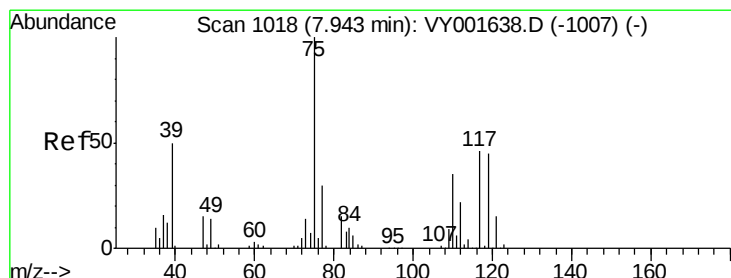
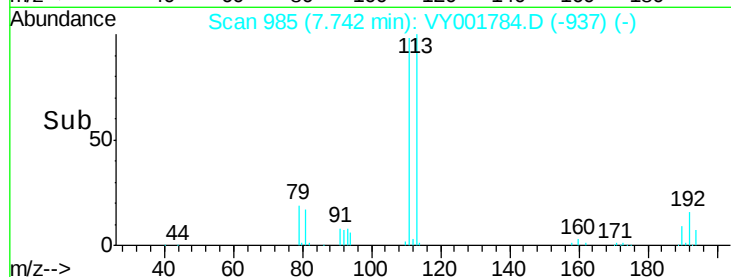
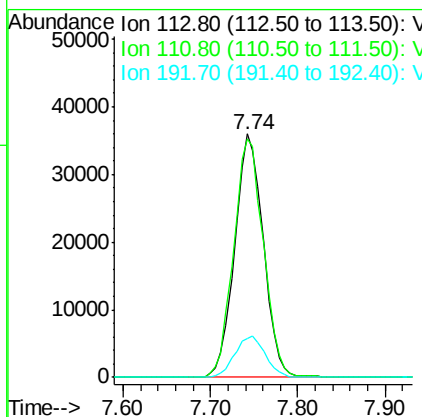
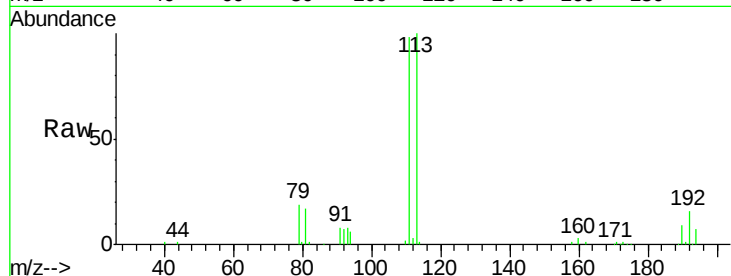




#35
 Dibromofluoromethane
 Concen: 50.28 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001784.D
 Acq: 26 Feb 2020 15:10

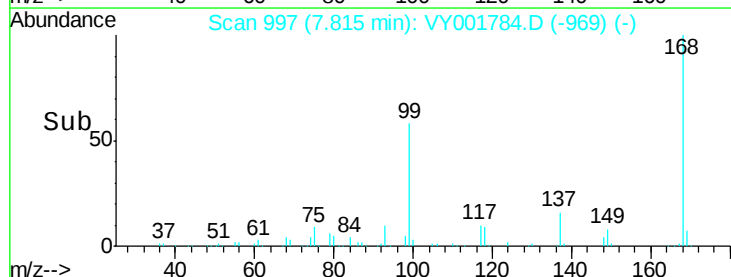
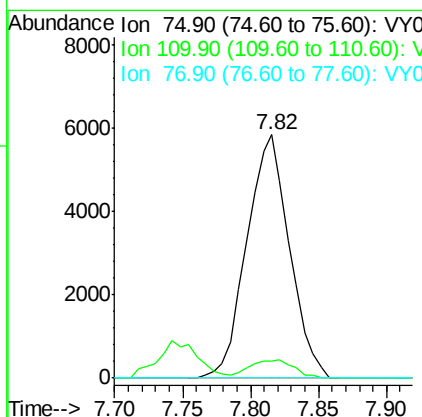
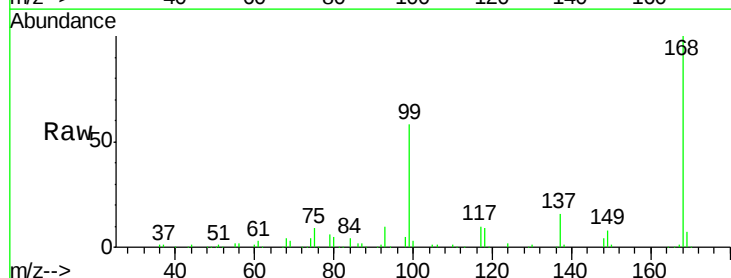
Instrument :
 MSVOA_Y
 ClientSampleId :
 B3-9.5-10

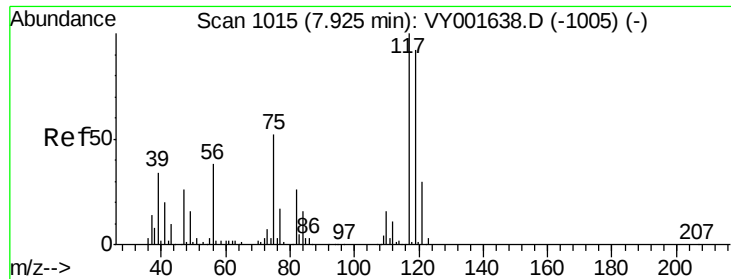
Tgt Ion: 113 Resp: 81850
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.9 122.9
 192 18.2 14.3 21.5



#36
 1,1-Dichloropropene
 Concen: 4.71 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.13 min
 Lab File: VY001784.D
 Acq: 26 Feb 2020 15:10

Tgt Ion: 75 Resp: 12801
 Ion Ratio Lower Upper
 75 100
 110 7.6 17.2 51.6#
 77 0.0 24.8 37.2#

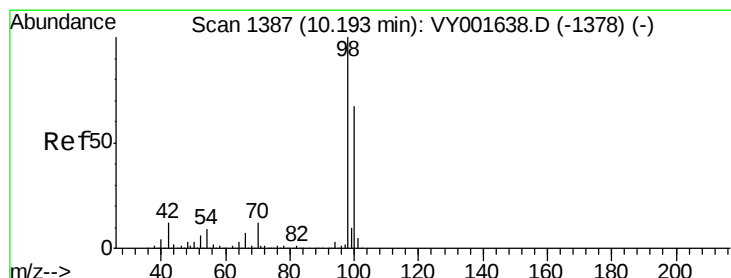
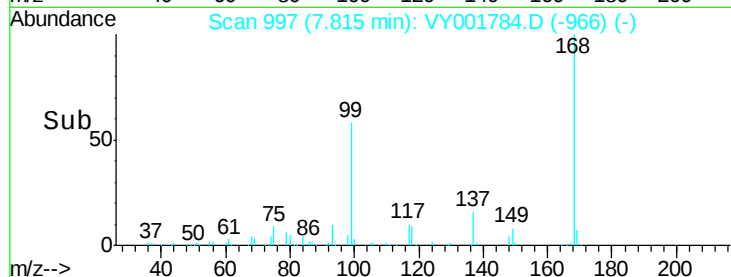
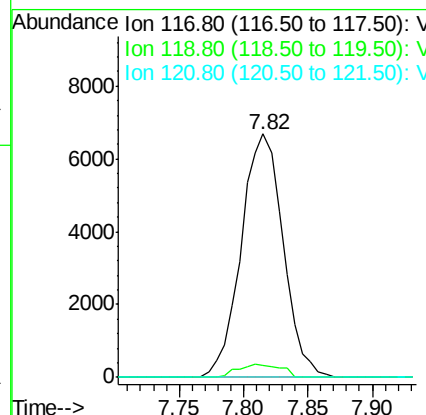
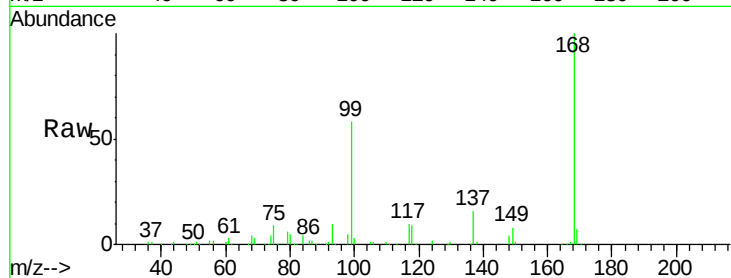




#38
 Carbon Tetrachloride
 Concen: 6.31 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.11 min
 Lab File: VY001784.D
 Acq: 26 Feb 2020 15:10

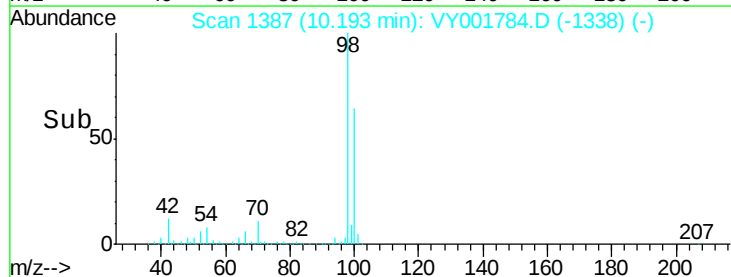
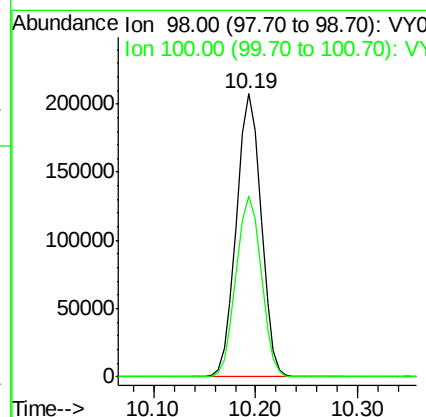
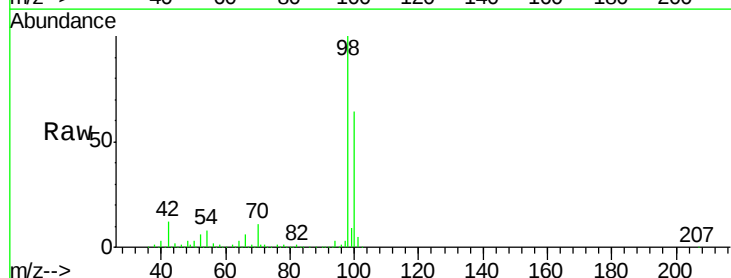
Instrument :
 MSVOA_Y
 ClientSampleId :
 B3-9.5-10

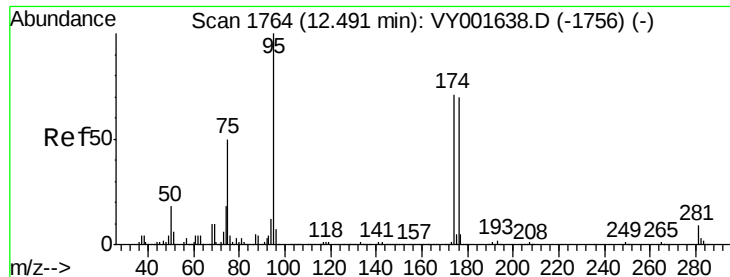
Tgt Ion: 117 Resp: 15050
 Ion Ratio Lower Upper
 117 100
 119 5.1 74.8 112.2#
 121 0.0 23.8 35.6#



#50
 Toluene-d8
 Concen: 54.56 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VY001784.D
 Acq: 26 Feb 2020 15:10

Tgt Ion: 98 Resp: 347994
 Ion Ratio Lower Upper
 98 100
 100 64.9 53.0 79.4

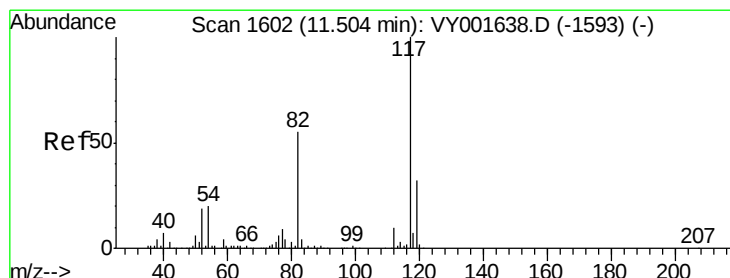
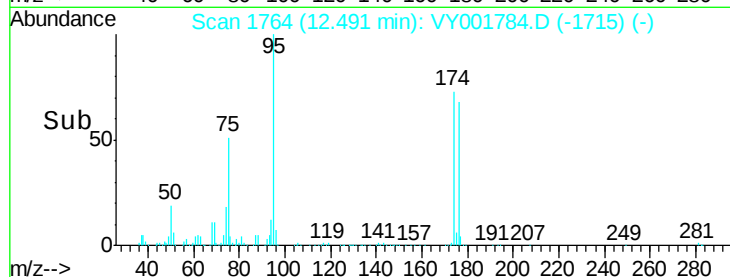
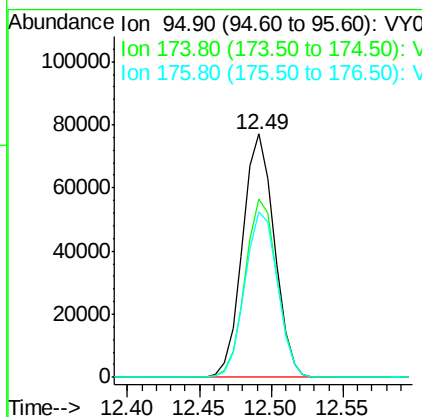
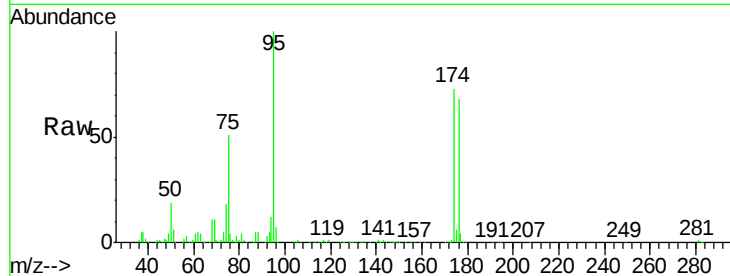




#62
4-Bromofluorobenzene
Concen: 47.49 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY001784.D
Acq: 26 Feb 2020 15:10

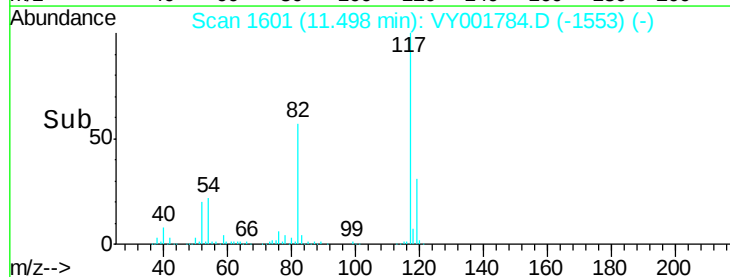
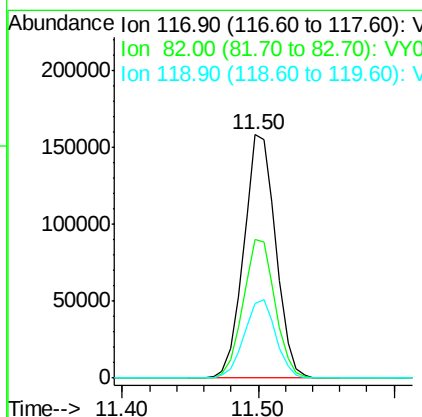
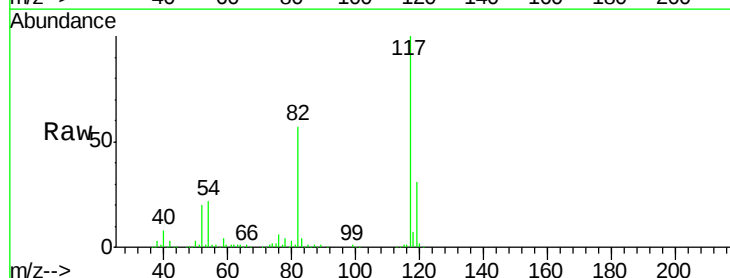
Instrument :
MSVOA_Y
ClientSampleId :
B3-9.5-10

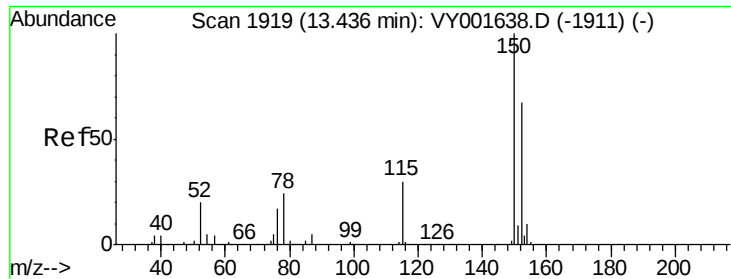
Tgt Ion: 95 Resp: 117676
Ion Ratio Lower Upper
95 100
174 73.2 0.0 138.4
176 69.7 0.0 131.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001784.D
Acq: 26 Feb 2020 15:10

Tgt Ion: 117 Resp: 259479
Ion Ratio Lower Upper
117 100
82 56.9 45.5 68.3
119 30.9 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY001784.D

Acq: 26 Feb 2020 15:10

Instrument :

MSVOA_Y

ClientSampleId :

B3-9.5-10

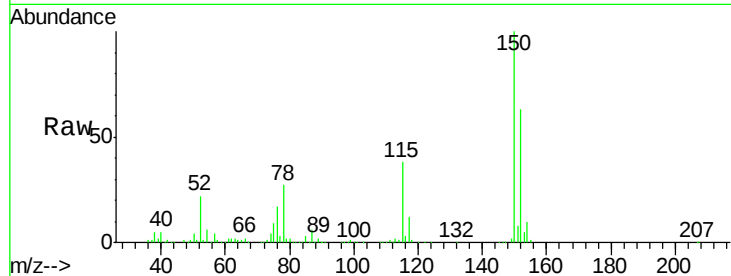
Tgt Ion:152 Resp: 114246

Ion Ratio Lower Upper

152 100

115 61.4 31.4 94.2

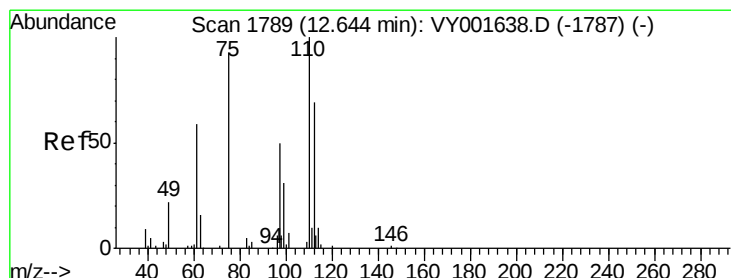
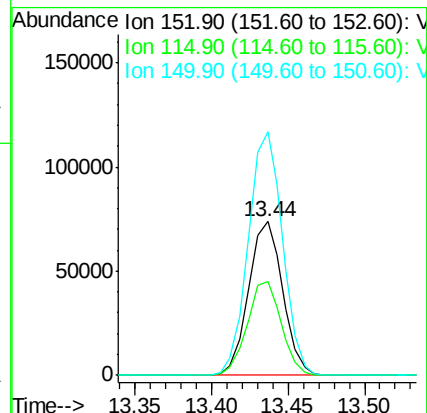
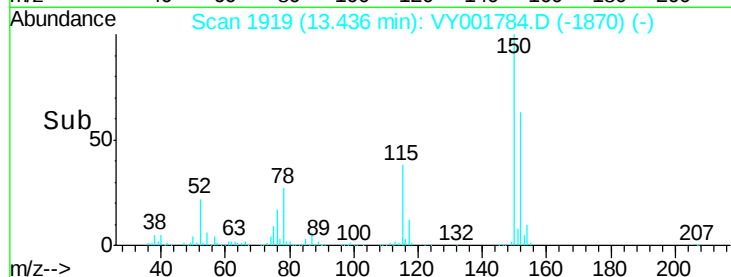
150 158.5 0.0 407.2



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: 46.07 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001784.D

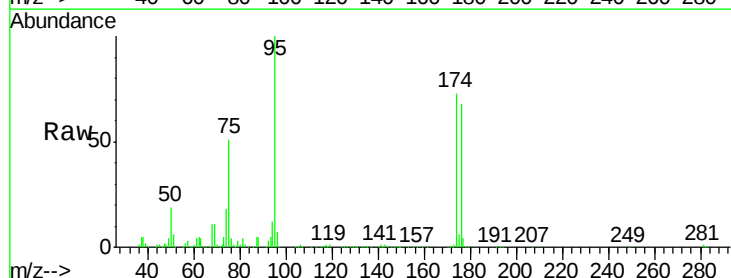
Acq: 26 Feb 2020 15:10

Tgt Ion: 75 Resp: 60374

Ion Ratio Lower Upper

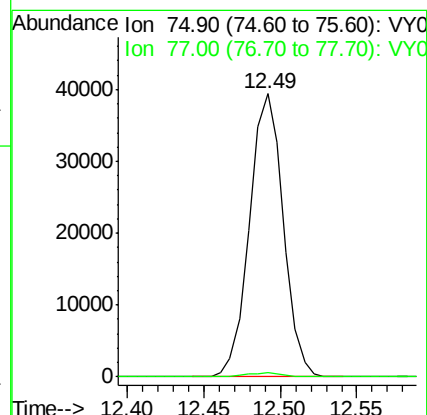
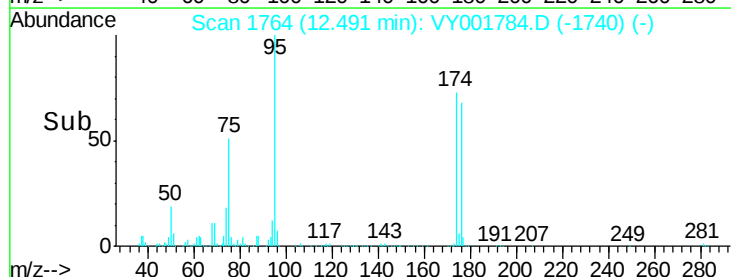
75 100

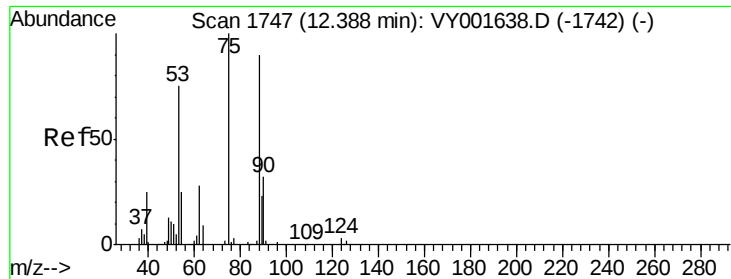
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

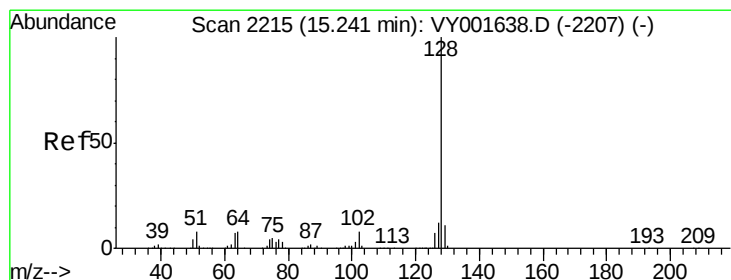
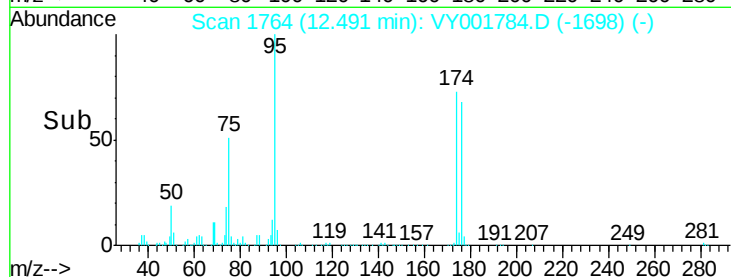
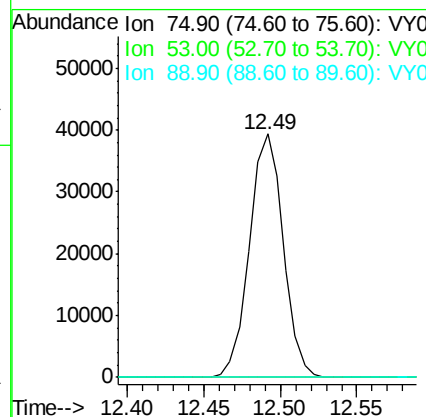
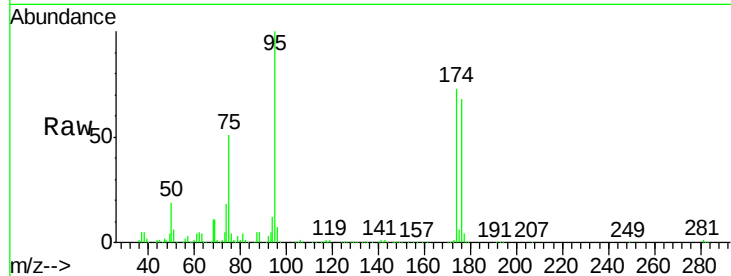




#81
trans-1,4-Dichloro-2-butene
Concen: 87.40 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.10 min
Lab File: VY001784.D
Acq: 26 Feb 2020 15:10

Instrument :
MSVOA_Y
ClientSampleId :
B3-9.5-10

Tgt Ion: 75 Resp: 60374
Ion Ratio Lower Upper
75 100
53 0.0 64.5 96.7#
89 0.0 36.3 54.5#



#95
Naphthalene
Concen: 489.99 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.01 min
Lab File: VY001784.D
Acq: 26 Feb 2020 15:10

Tgt Ion: 128 Resp: 2528205
Ion Ratio Lower Upper
128 100
127 12.6 9.9 14.9
129 10.9 8.6 13.0

