

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012020\
 Data File : VY001308.D
 Acq On : 20 Jan 2020 19:58
 Operator : SY/MD
 Sample : L1210-05
 Misc : 7.70G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 21 07:04:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 21 06:54:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	175978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	317974	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.51	117	289606	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	135500	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	101085	54.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.78%	
35) Dibromofluoromethane	7.75	113	92581	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
50) Toluene-d8	10.20	98	377628	52.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.28%	
62) 4-Bromofluorobenzene	12.50	95	136887	46.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.36%	

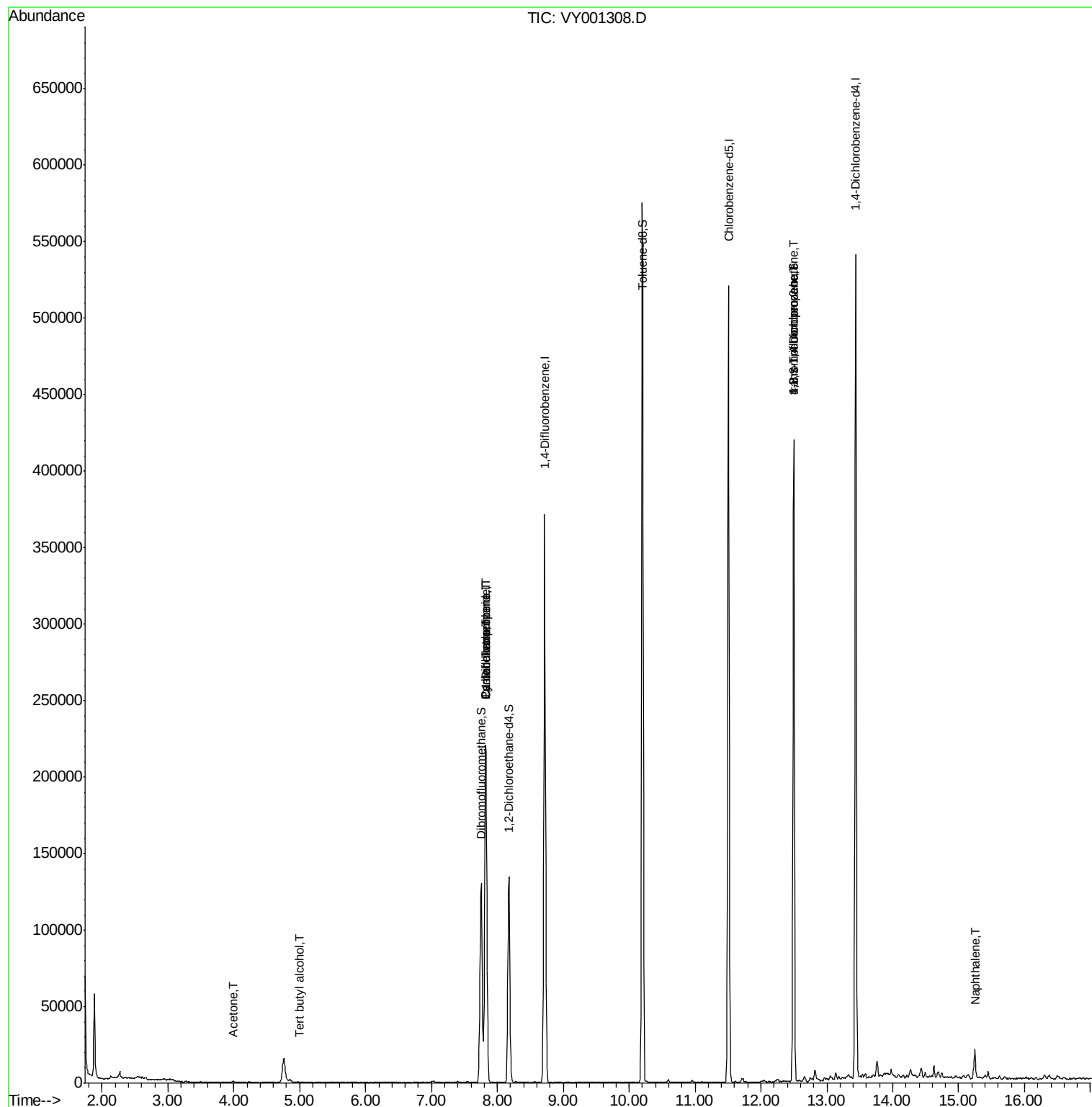
Target Compounds						Qvalue
11) Tert butyl alcohol	5.00	59	356	1.904	ug/l #	73
16) Acetone	3.99	43	1151	2.666	ug/l	89
31) Cyclohexane	7.82	56	3912	1.088	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	13211	4.558	ug/l #	49
38) Carbon Tetrachloride	7.82	117	17545	6.606	ug/l #	15
76) 1,2,3-Trichloropropane	12.50	75	68260	47.058	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.50	75	68260	79.801	ug/l #	6
95) Naphthalene	15.25	128	14830	2.444	ug/l	97

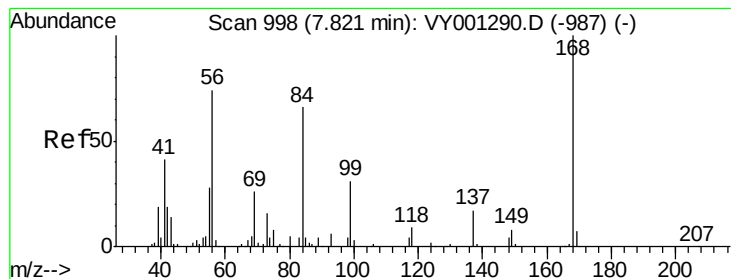
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY012020\
Data File : VY001308.D
Acq On : 20 Jan 2020 19:58
Operator : SY/MD
Sample : L1210-05
Misc : 7.70G/5ML/MSVOA Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 21 07:04:32 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 21 06:54:04 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.01 min

Lab File: VY001308.D

Acq: 20 Jan 2020 19:58

Instrument :

MSVOA_Y

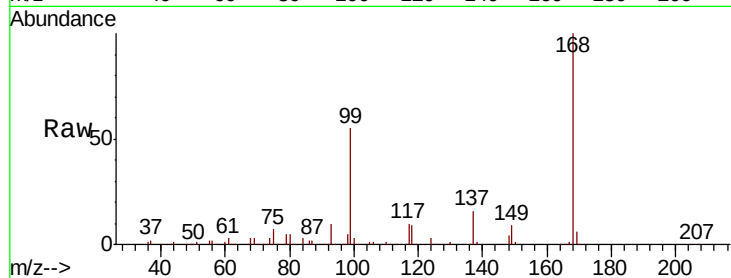
ClientSampleId :

Tot Ion:168 Resp: 175978

Ion Ratio Lower Upper

168 100

99 54.9 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001290.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001290.D (-987) (-)

7.83

80000

60000

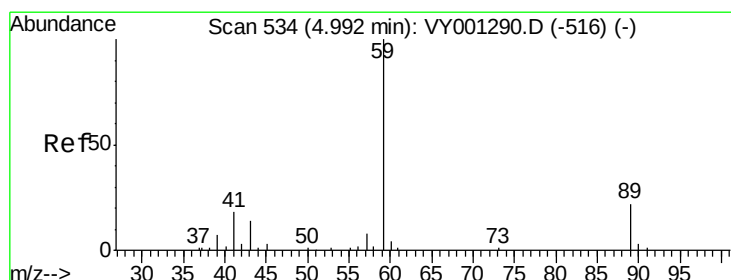
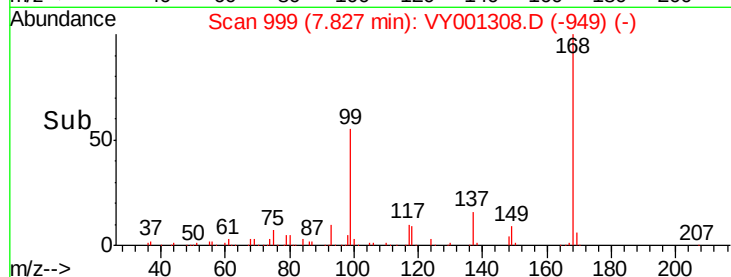
40000

20000

0

Time-->

7.70 7.80 7.90



#11

Tert butyl alcohol

Concen: 1.904 ug/l

RT: 5.00 min Scan# 535

Delta R.T. 0.01 min

Lab File: VY001308.D

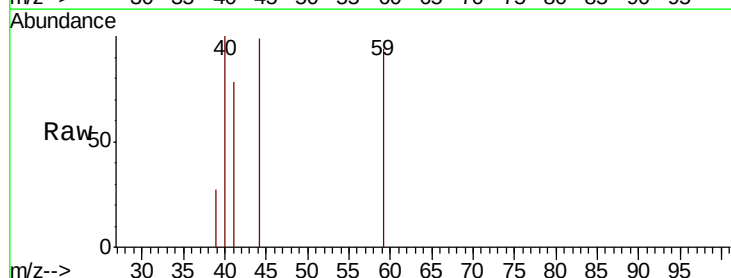
Acq: 20 Jan 2020 19:58

Tgt Ion: 59 Resp: 356

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VY001290.D (-516) (-)

Ion 57.00 (56.70 to 57.70): VY001290.D (-516) (-)

5.00

200

150

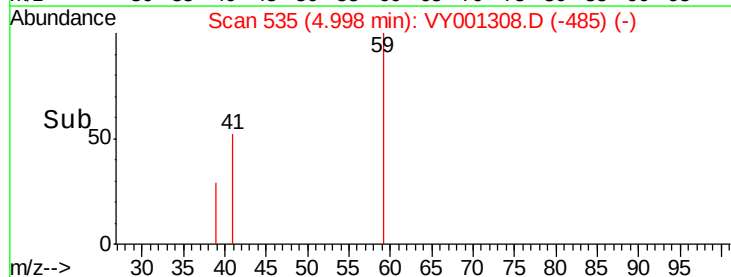
100

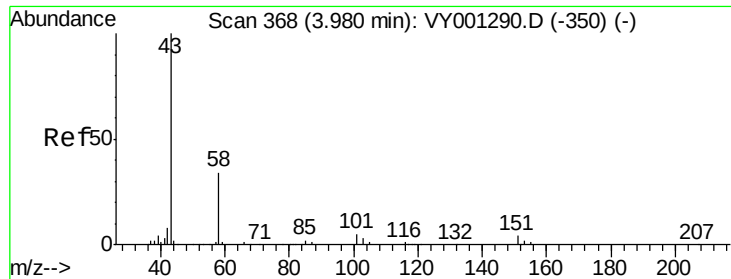
50

0

Time-->

4.96 4.98 5.00 5.02 5.04





#16

Acetone

Concen: 2.666 ug/l

RT: 3.99 min Scan# 369

Delta R.T. 0.01 min

Lab File: VY001308.D

Acq: 20 Jan 2020 19:58

Instrument :

MSVOA_Y

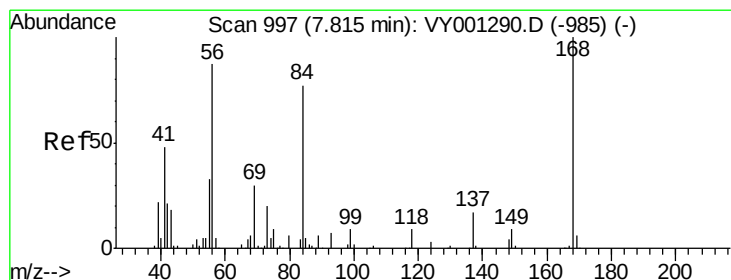
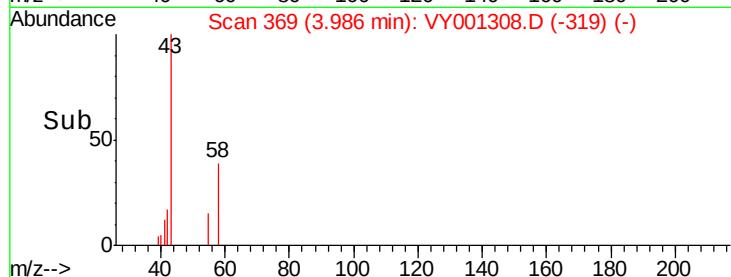
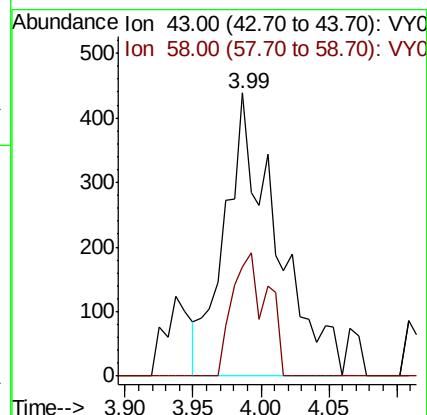
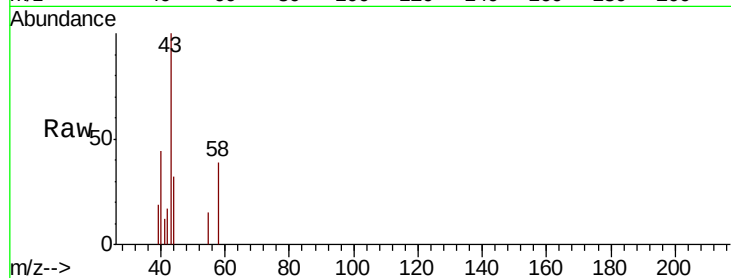
ClientSampled :

Tot Ion: 43 Resp: 1151

Ion Ratio Lower Upper

43 100

58 38.6 25.8 38.6



#31

Cyclohexane

Concen: 1.088 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001308.D

Acq: 20 Jan 2020 19:58

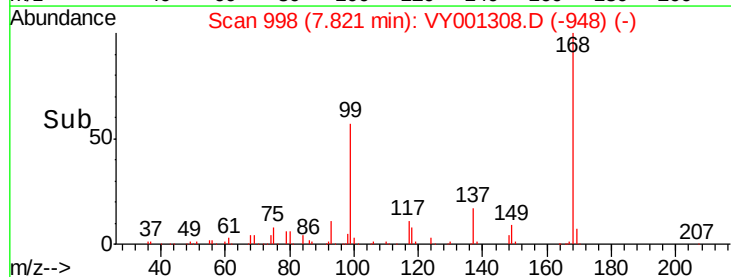
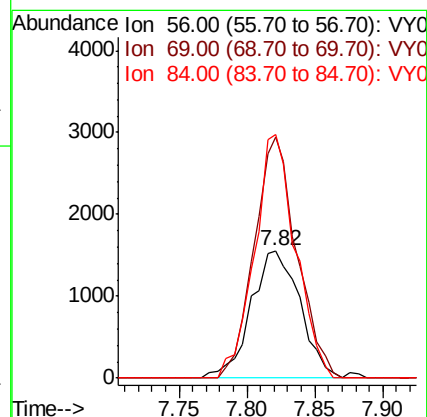
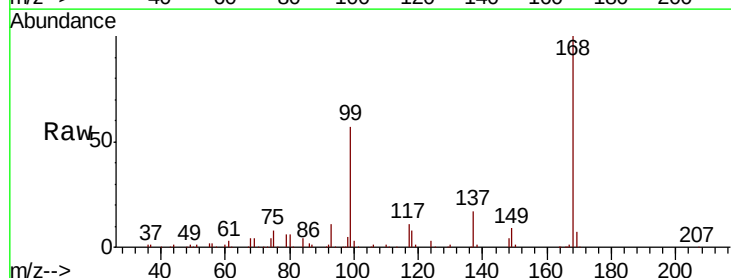
Tgt Ion: 56 Resp: 3912

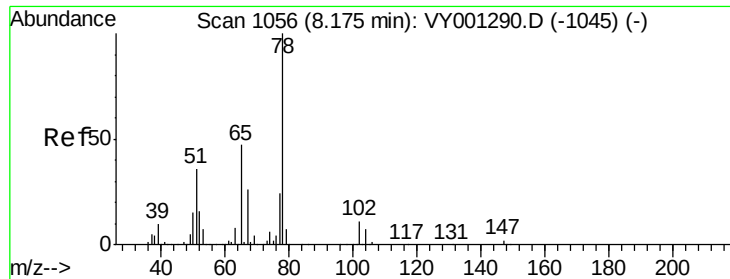
Ion Ratio Lower Upper

56 100

69 189.8 27.8 41.8#

84 191.3 68.9 103.3#

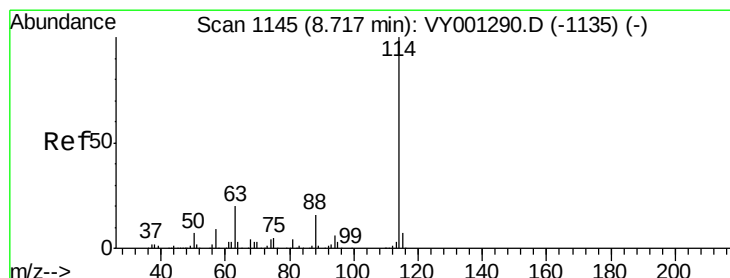
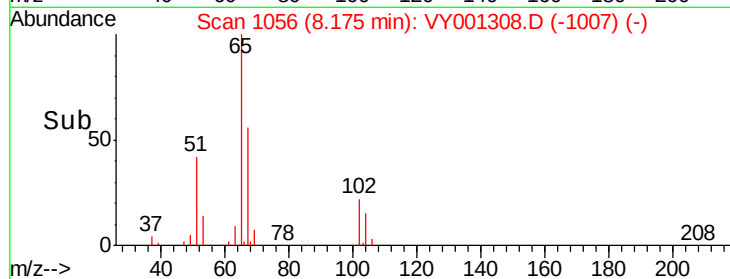
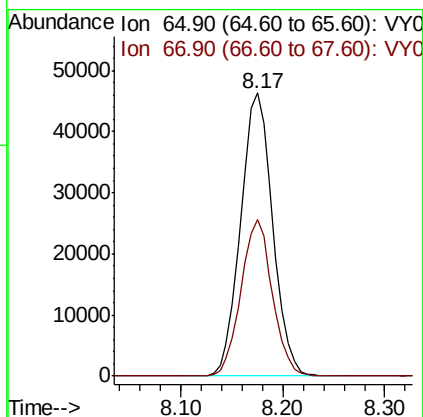
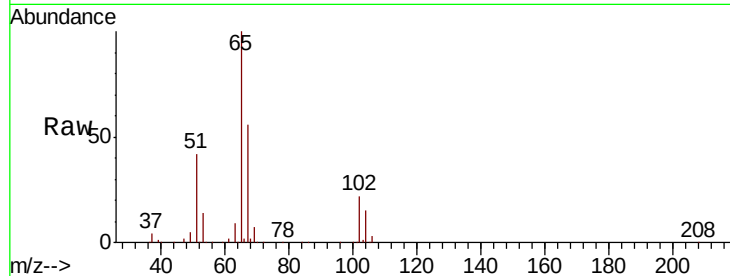




#33
 1,2-Dichloroethane-d4
 Concen: 54.387 ug/l
 RT: 8.17 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: VY001308.D
 Acq: 20 Jan 2020 19:58

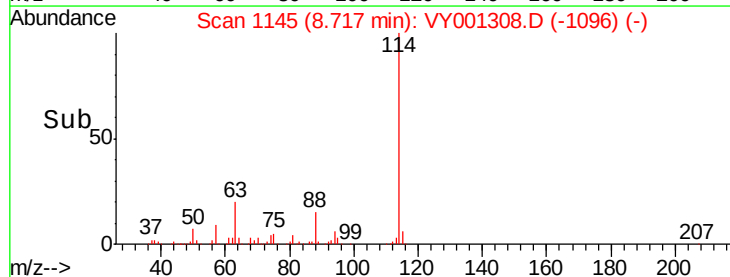
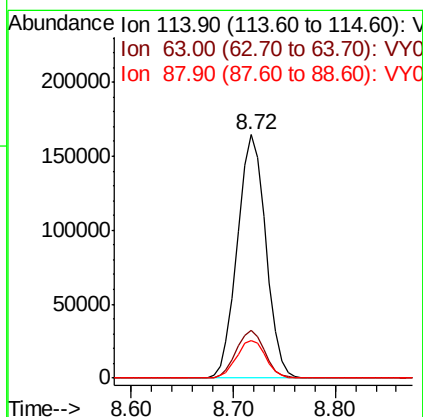
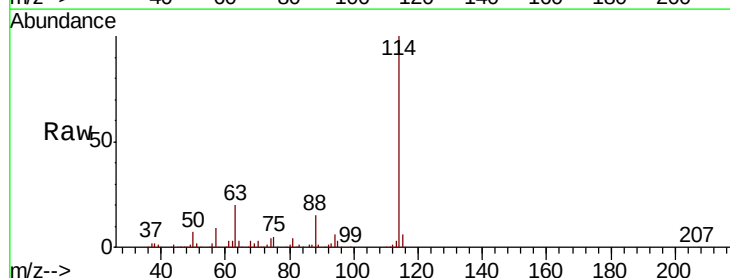
Instrument :
 MSVOA_Y
 ClientSampled :

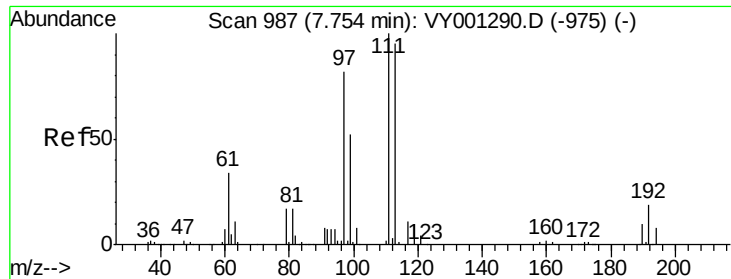
Tot Ion: 65 Resp: 101085
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. -0.00 min
 Lab File: VY001308.D
 Acq: 20 Jan 2020 19:58

Tgt Ion: 114 Resp: 317974
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.8
 88 15.4 0.0 32.4

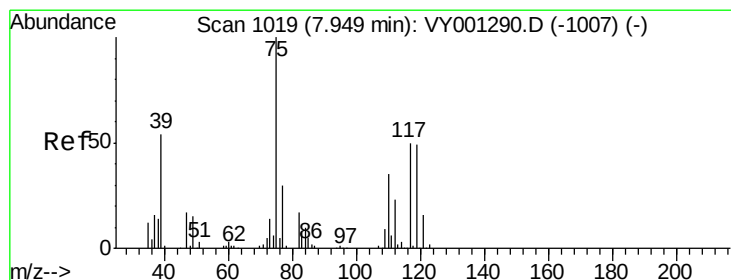
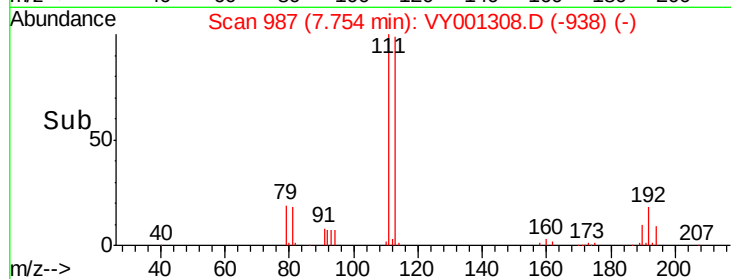
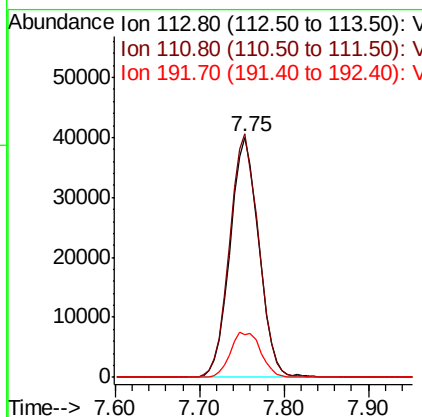
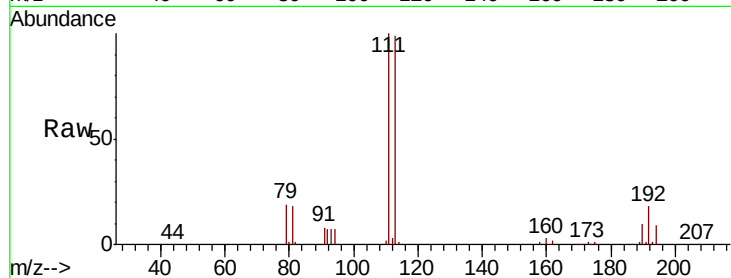




#35
 Dibromofluoromethane
 Concen: 49.728 ug/l
 RT: 7.75 min Scan# 987
 Delta R.T. -0.00 min
 Lab File: VY001308.D
 Acq: 20 Jan 2020 19:58

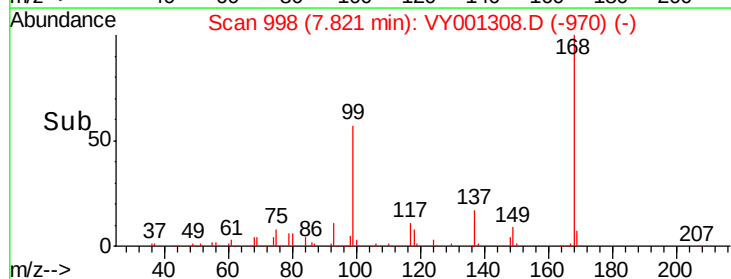
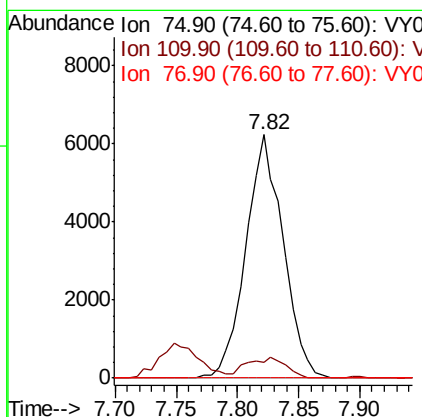
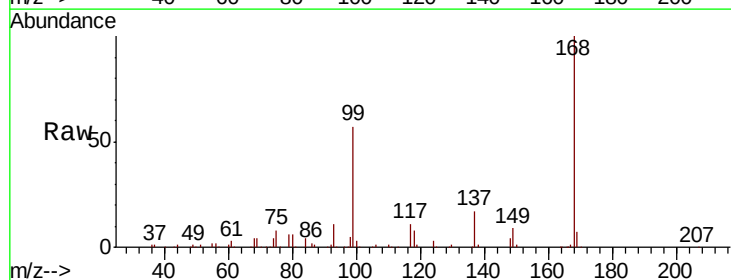
Instrument :
 MSVOA_Y
 ClientSampled :

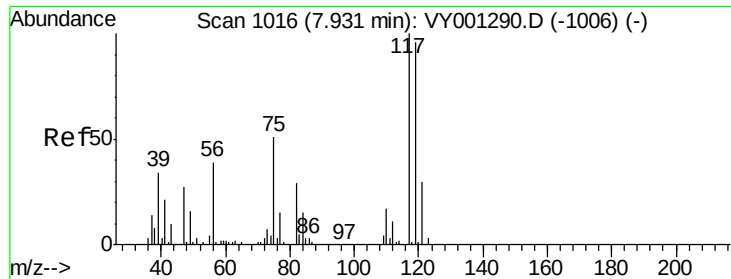
Tot Ion:113 Resp: 92581
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.9 124.3
 192 19.7 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 4.558 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.13 min
 Lab File: VY001308.D
 Acq: 20 Jan 2020 19:58

Tgt Ion: 75 Resp: 13211
 Ion Ratio Lower Upper
 75 100
 110 9.0 18.3 54.8#
 77 0.0 25.1 37.7#

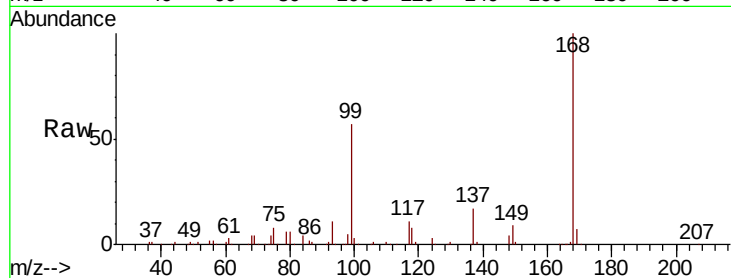




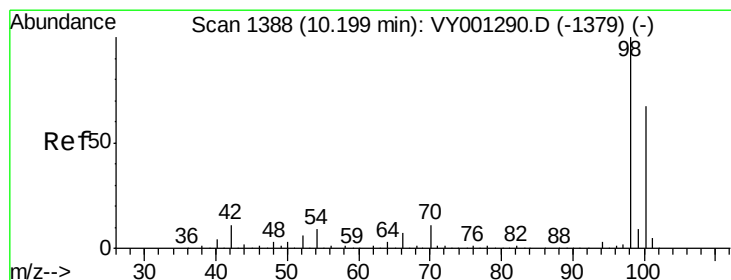
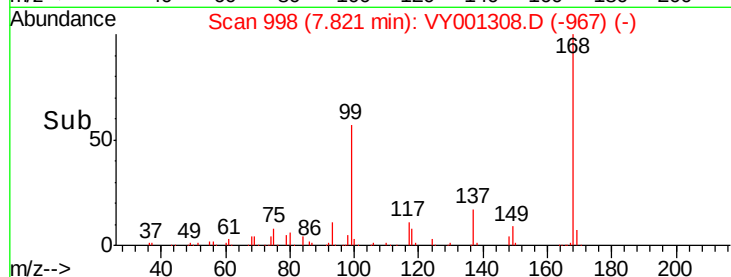
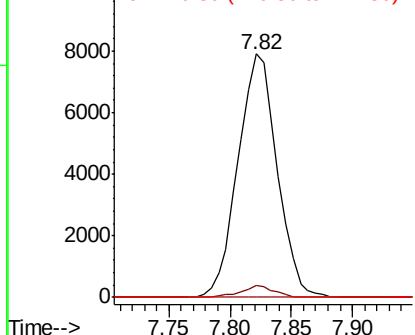
#38
Carbon Tetrachloride
Concen: 6.606 ug/l
RT: 7.82 min Scan# 998
Delta R.T. -0.11 min
Lab File: VY001308.D
Acq: 20 Jan 2020 19:58

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 17545
Ion Ratio Lower Upper
117 100
119 4.9 78.3 117.5#
121 0.0 23.5 35.3#

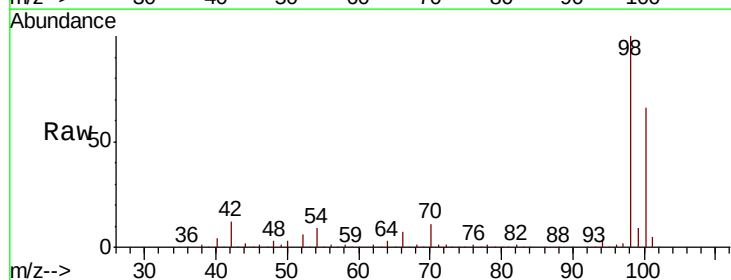


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

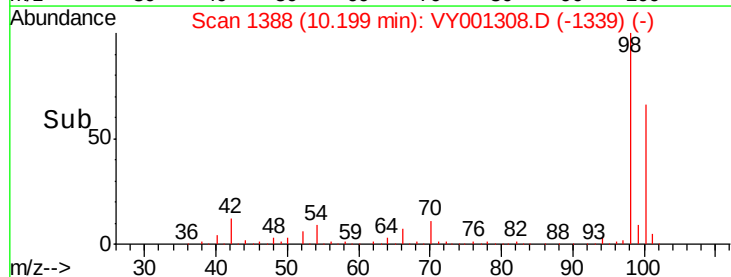
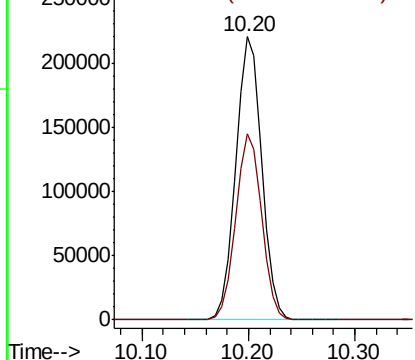


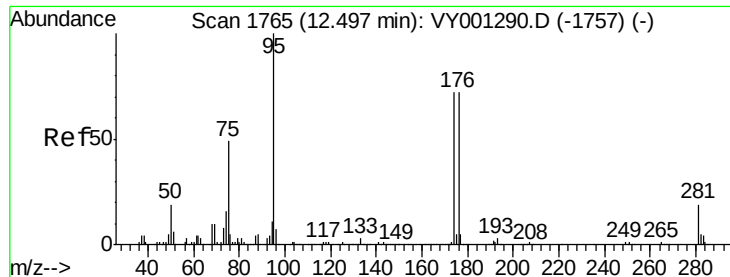
#50
Toluene-d8
Concen: 52.642 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VY001308.D
Acq: 20 Jan 2020 19:58

Tgt Ion: 98 Resp: 377628
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7



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

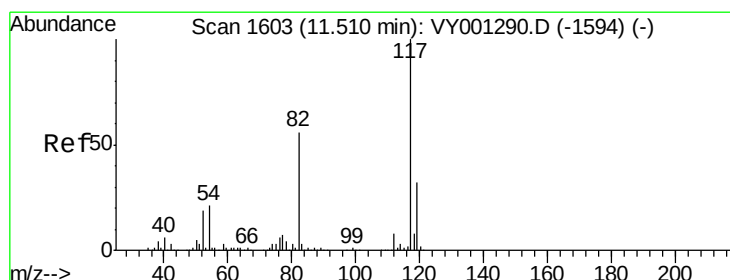
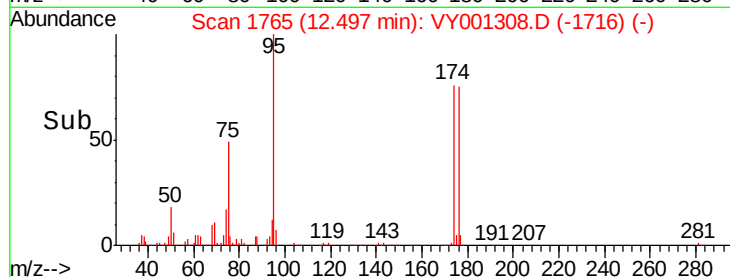
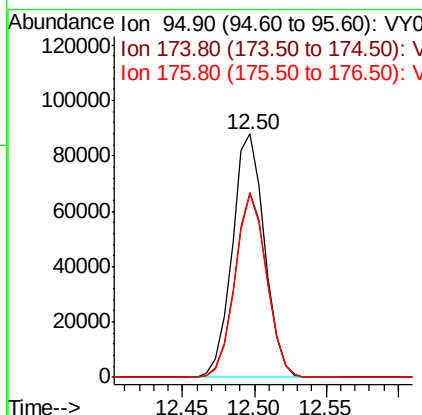
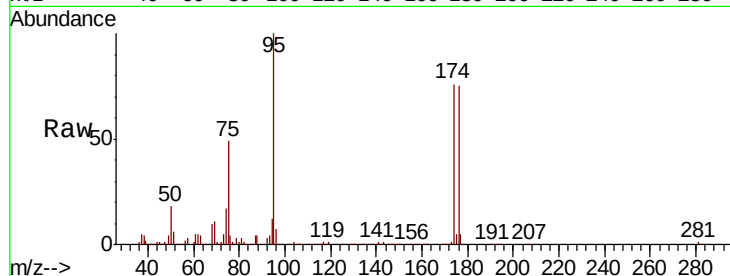




#62
4-Bromofluorobenzene
Concen: 46.675 ug/l
RT: 12.50 min Scan# 1765
Delta R.T. -0.00 min
Lab File: VY001308.D
Acq: 20 Jan 2020 19:58

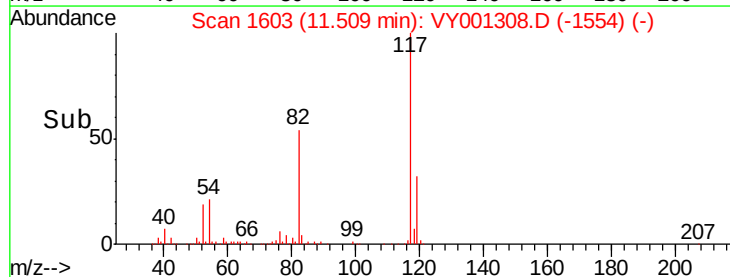
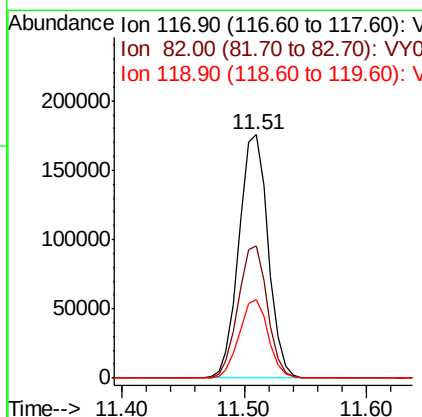
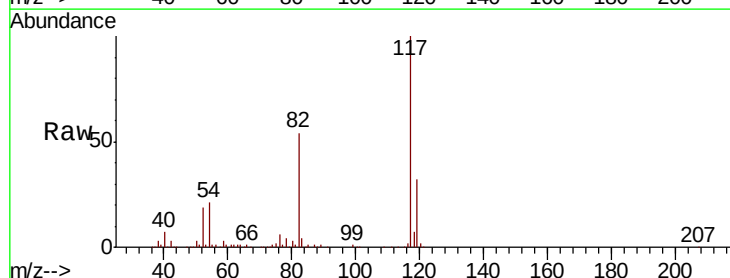
Instrument :
MSVOA_Y
ClientSampleId :

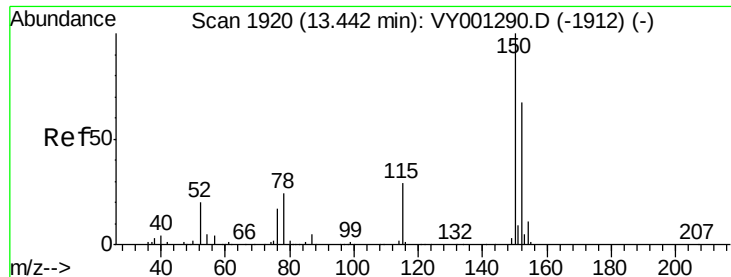
Tot Ion: 95 Resp: 136887
Ion Ratio Lower Upper
95 100
174 74.9 0.0 143.2
176 73.7 0.0 136.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VY001308.D
Acq: 20 Jan 2020 19:58

Tgt Ion: 117 Resp: 289606
Ion Ratio Lower Upper
117 100
82 54.3 44.9 67.3
119 32.2 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VY001308.D

Acq: 20 Jan 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

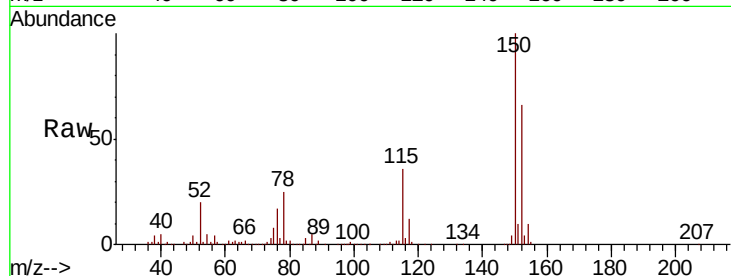
Tot Ion:152 Resp: 135500

Ion Ratio Lower Upper

152 100

115 60.5 30.9 92.5

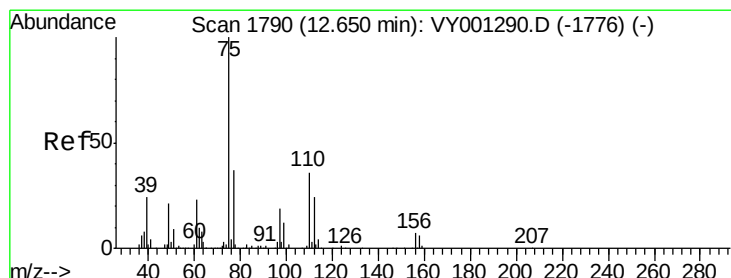
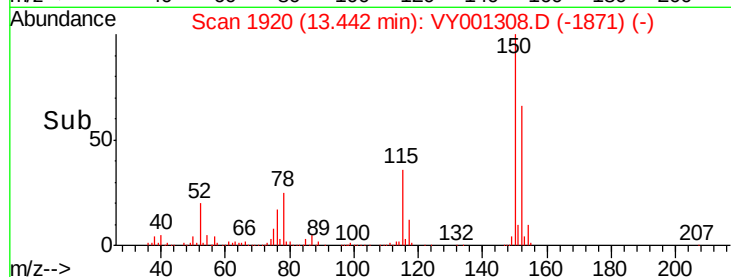
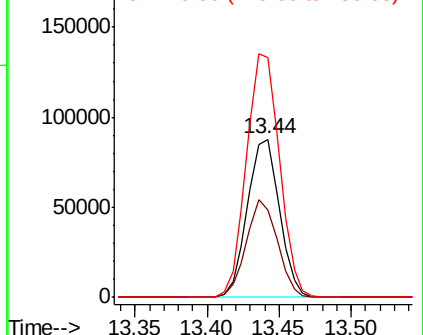
150 158.5 0.0 346.8



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: 47.058 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. -0.15 min

Lab File: VY001308.D

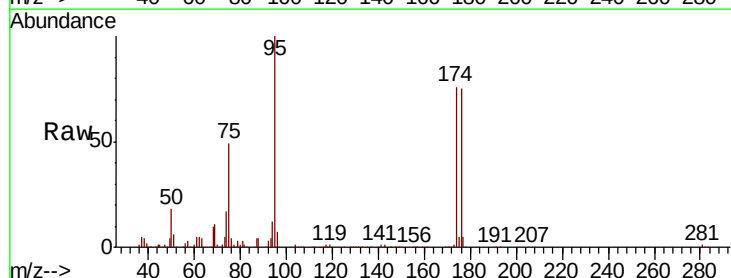
Acq: 20 Jan 2020 19:58

Tgt Ion: 75 Resp: 68260

Ion Ratio Lower Upper

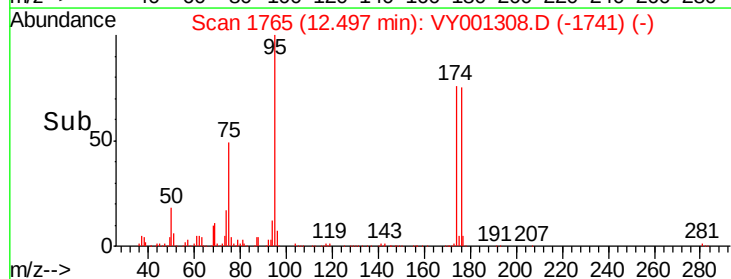
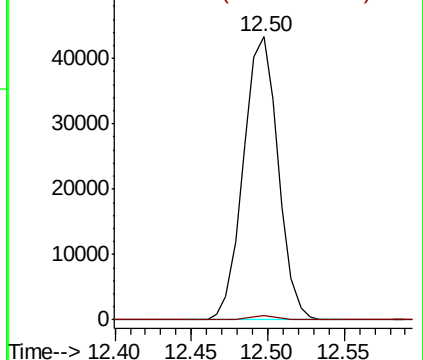
75 100

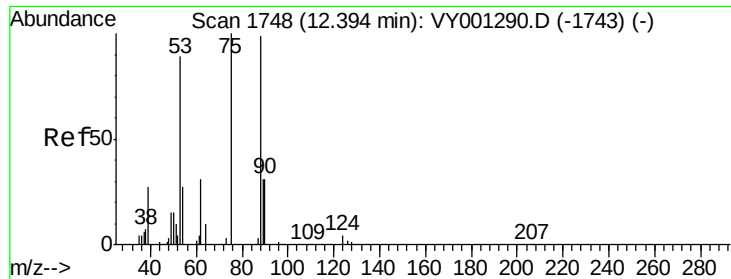
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

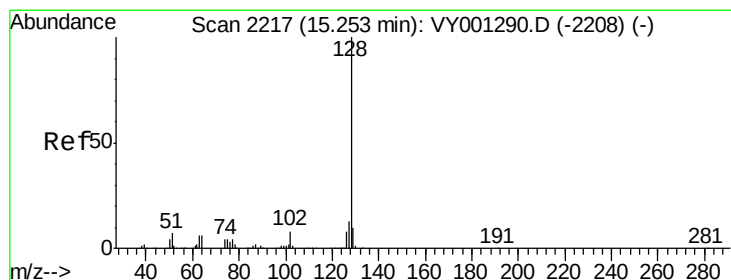
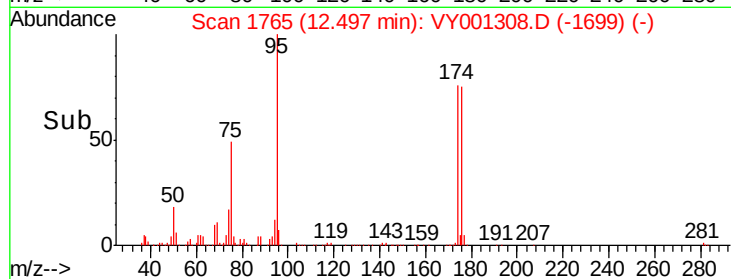
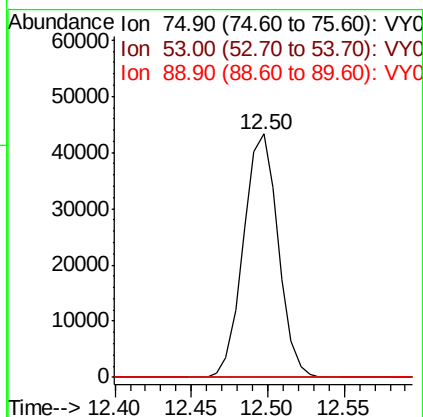
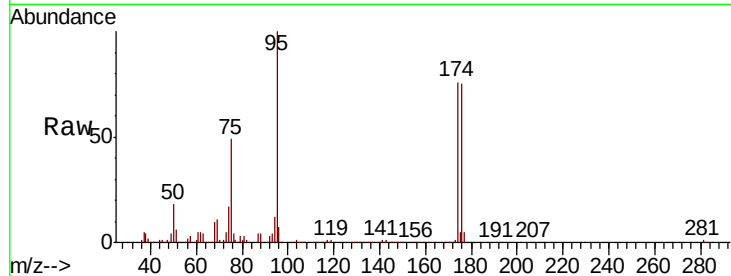




#81
trans-1,4-Dichloro-2-butene
Concen: 79.801 ug/l
RT: 12.50 min Scan# 1765
Delta R.T. 0.10 min
Lab File: VY001308.D
Acq: 20 Jan 2020 19:58

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 75 Resp: 68260
Ion Ratio Lower Upper
75 100
53 0.0 69.4 104.2#
89 0.0 0.0 0.0



#95
Naphthalene
Concen: 2.444 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.01 min
Lab File: VY001308.D
Acq: 20 Jan 2020 19:58

Tgt Ion: 128 Resp: 14830
Ion Ratio Lower Upper
128 100
127 13.8 10.2 15.4
129 12.3 8.5 12.7

