

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041320\
 Data File : VY002286.D
 Acq On : 13 Apr 2020 17:31
 Operator : SY/MD
 Sample : L2215-22
 Misc : 8.94G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 14 06:18:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

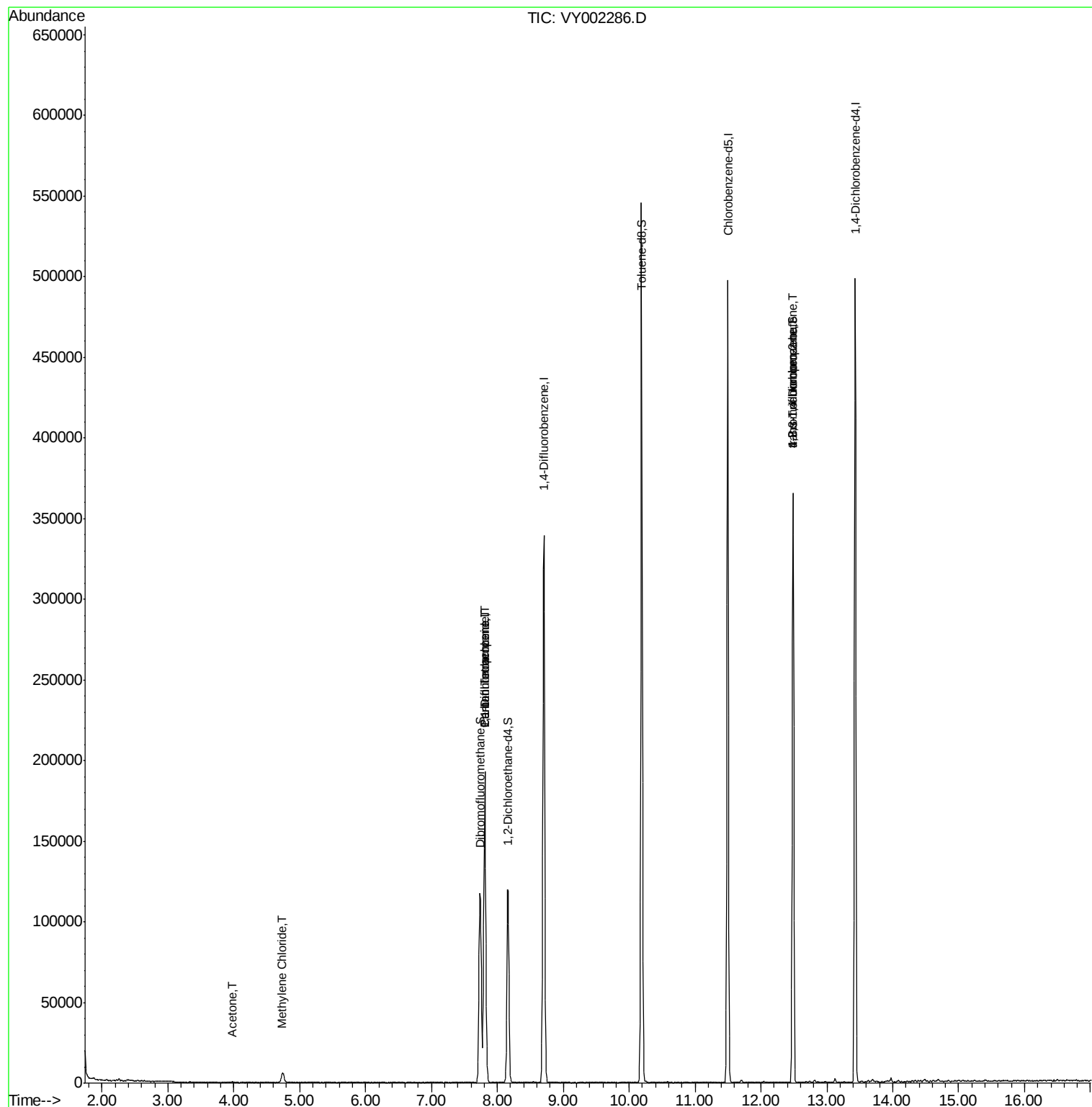
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	146169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	296240	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	275852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	123107	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	86759	53.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.74%	
35) Dibromofluoromethane	7.74	113	88347	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
50) Toluene-d8	10.19	98	360883	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.82%	
62) 4-Bromofluorobenzene	12.49	95	123291	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
Target Compounds						
					Qvalue	
16) Acetone	3.98	43	560	1.308	ug/l #	80
20) Methylene Chloride	4.74	84	4698	2.233	ug/l	90
36) 1,1-Dichloropropene	7.81	75	11766	4.032	ug/l #	50
38) Carbon Tetrachloride	7.80	117	15212	6.095	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	59476	41.605	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	59476	80.921	ug/l #	19

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002286.D

Acq: 13 Apr 2020 17:31

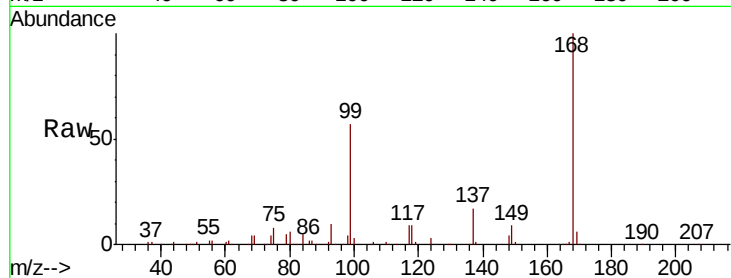
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 146169

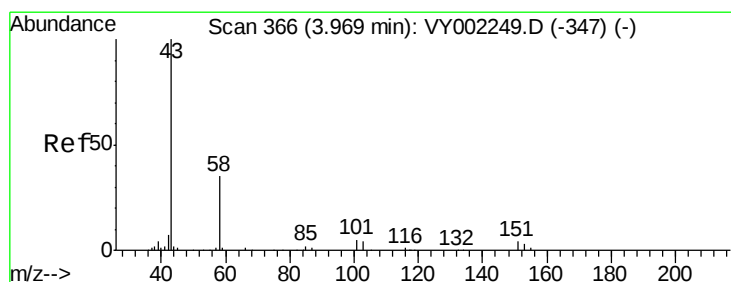
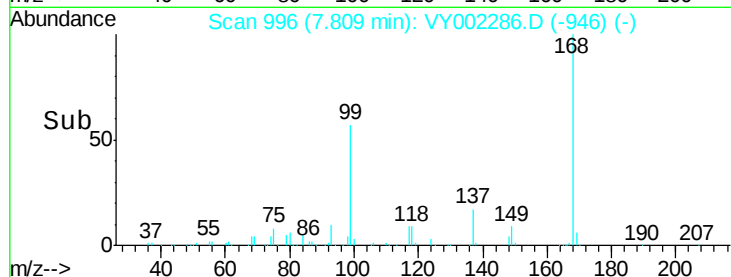
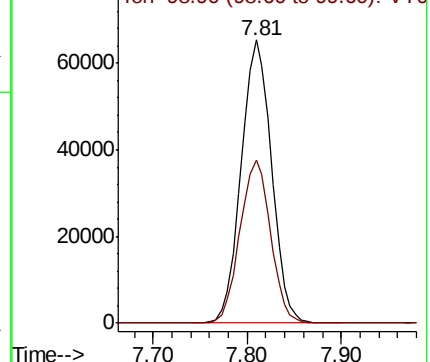
Ion Ratio Lower Upper

168 100

99 57.5 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)



#16

Acetone

Concen: 1.308 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY002286.D

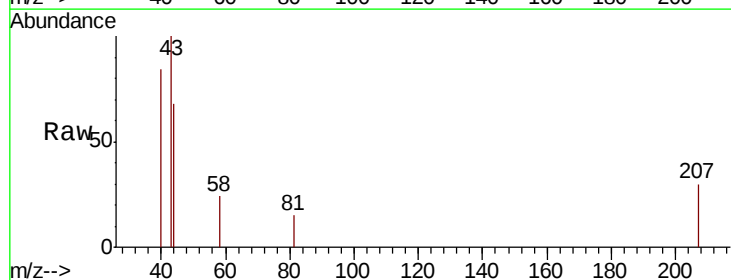
Acq: 13 Apr 2020 17:31

Tgt Ion: 43 Resp: 560

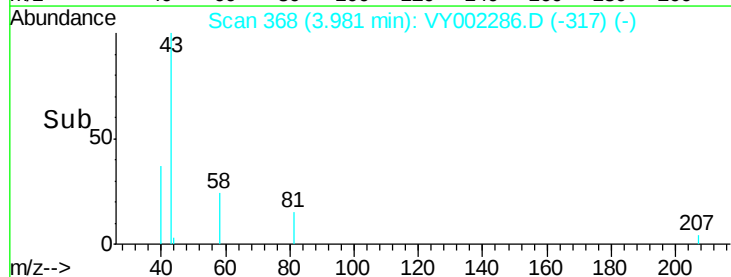
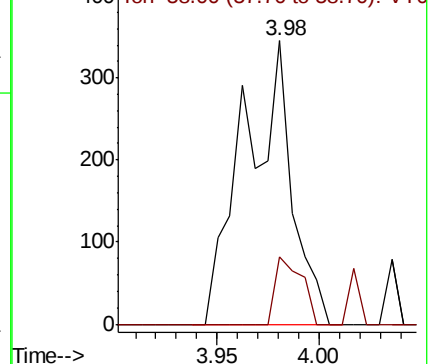
Ion Ratio Lower Upper

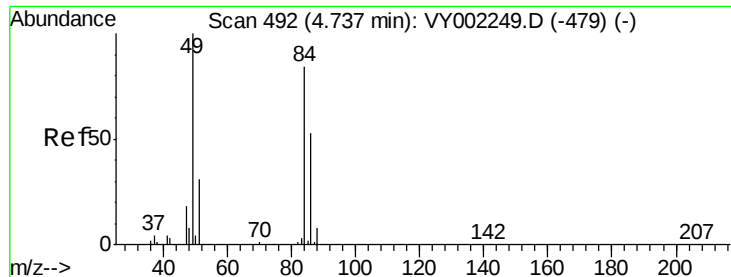
43 100

58 23.8 28.5 42.7#



Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-347) (-)

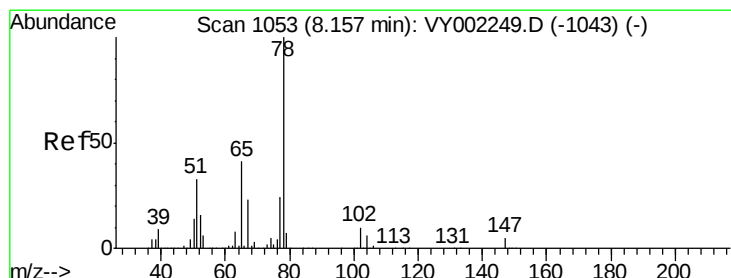
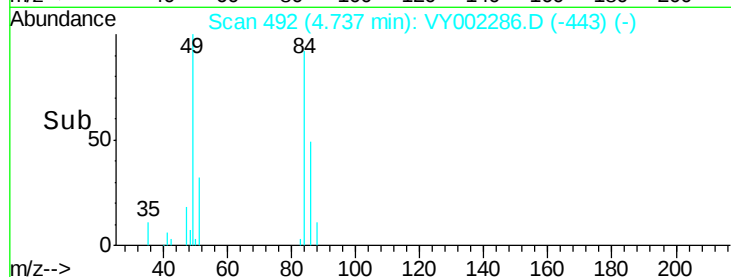
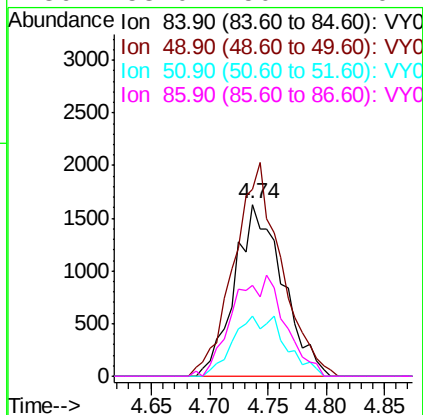
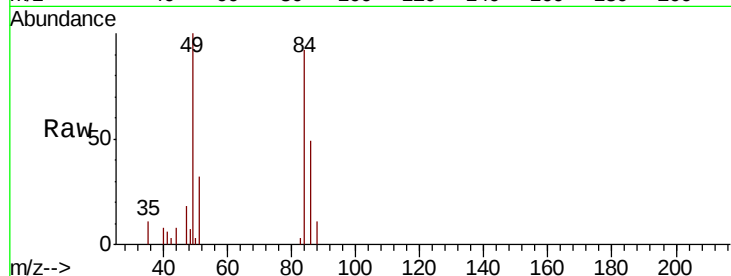




#20
Methylene Chloride
Concen: 2.233 ug/l
RT: 4.74 min Scan# 492
Delta R.T. 0.00 min
Lab File: VY002286.D
Acq: 13 Apr 2020 17:31

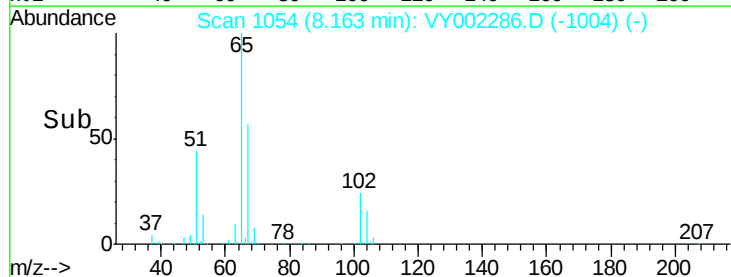
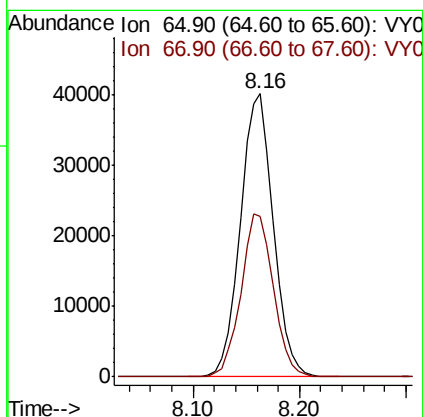
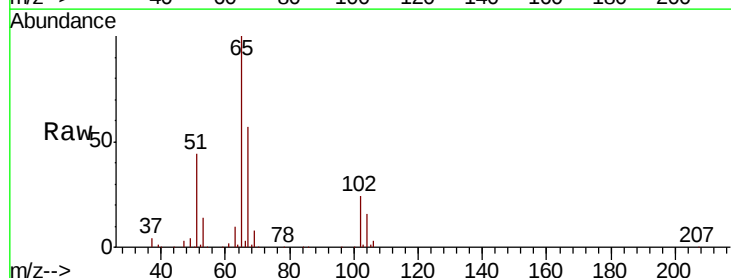
Instrument :
MSVOA_Y
ClientSampled :

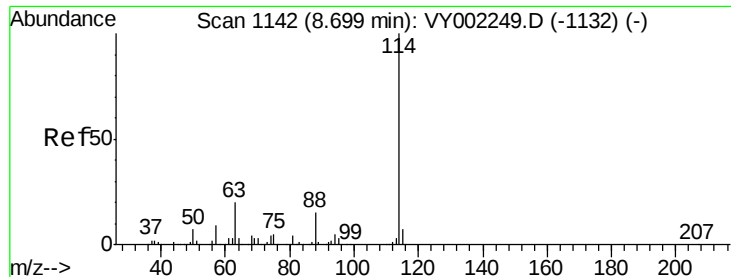
Tot Ion: 84 Resp: 4698
Ion Ratio Lower Upper
84 100
49 108.8 95.5 143.3
51 35.3 29.5 44.3
86 53.0 50.7 76.1



#33
1,2-Dichloroethane-d4
Concen: 53.374 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VY002286.D
Acq: 13 Apr 2020 17:31

Tgt Ion: 65 Resp: 86759
Ion Ratio Lower Upper
65 100
67 57.1 0.0 114.0

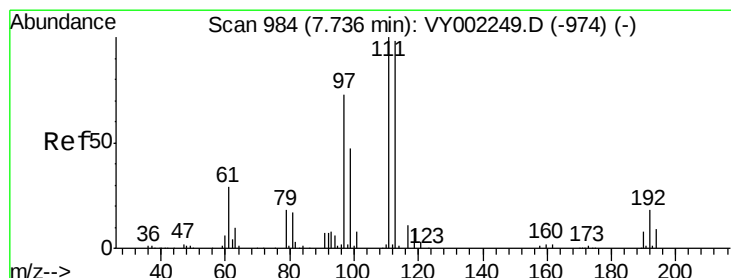
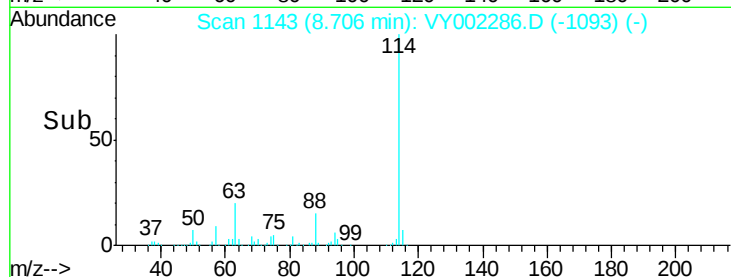
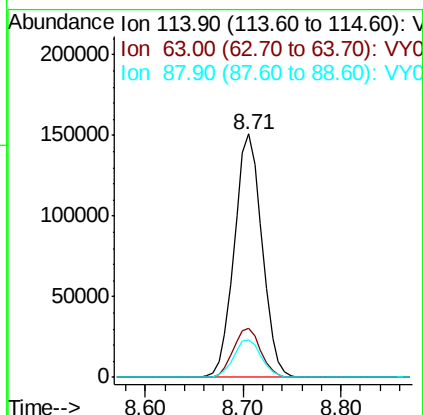
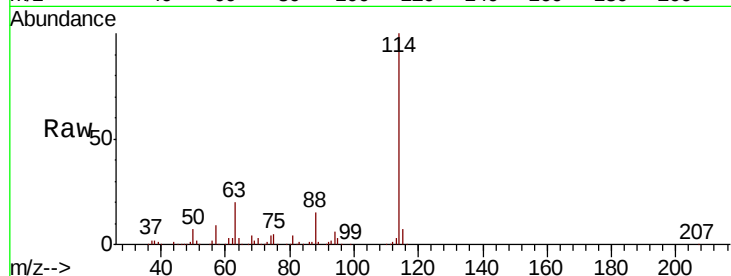




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: VY002286.D
 Acq: 13 Apr 2020 17:31

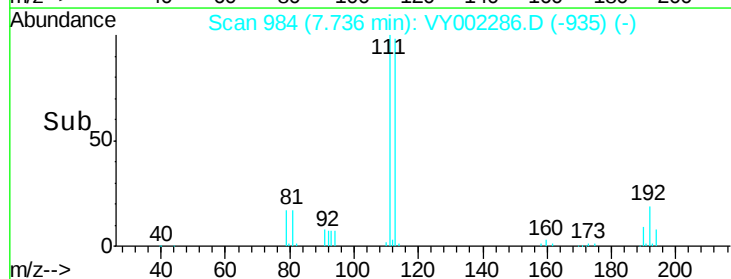
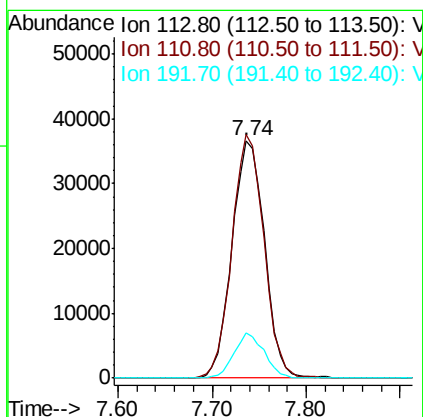
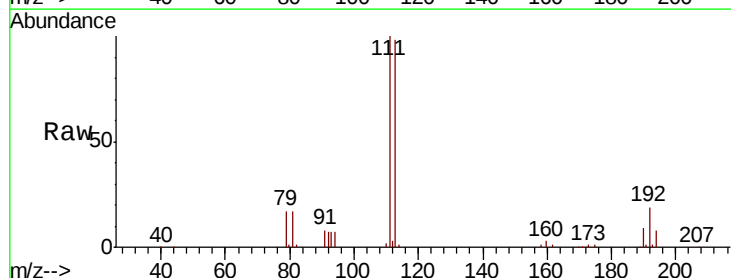
Instrument :
 MSVOA_Y
 ClientSampleId :

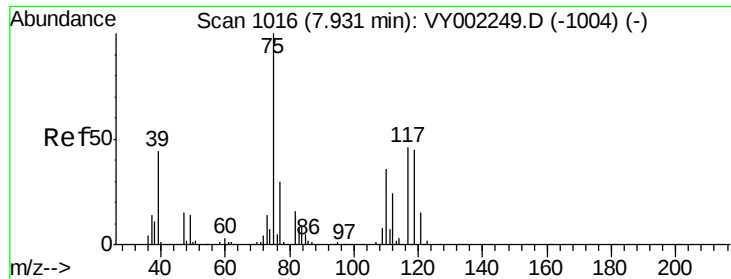
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	39.0
88	15.2	0.0	31.0



#35
 Dibromofluoromethane
 Concen: 50.120 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: VY002286.D
 Acq: 13 Apr 2020 17:31

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.7	83.5	125.3
192	17.7	14.7	22.1

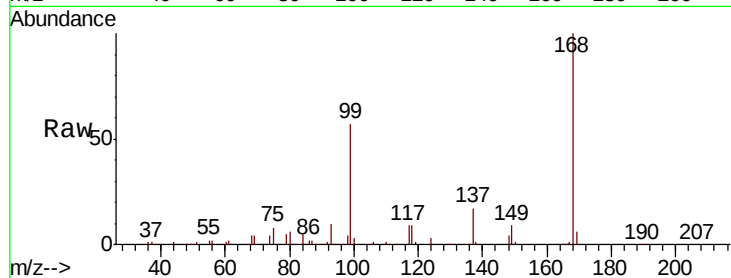




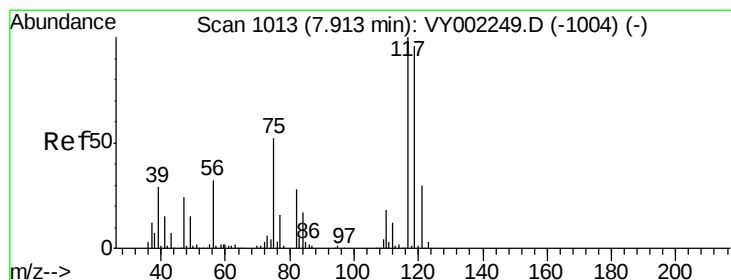
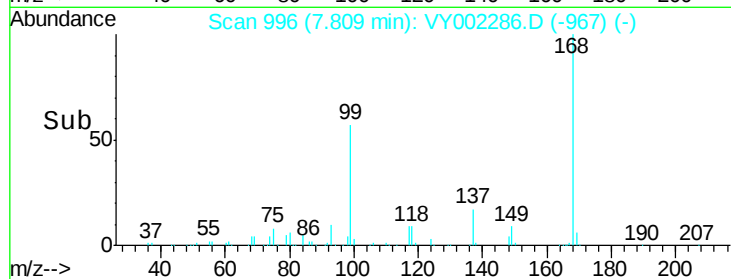
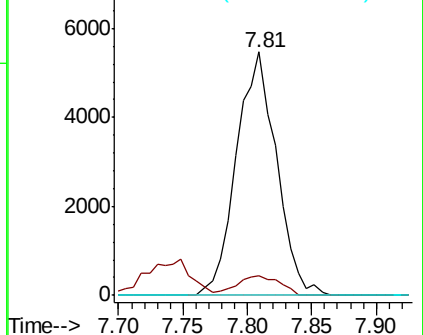
#36
 1,1-Dichloropropene
 Concen: 4.032 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.12 min
 Lab File: VY002286.D
 Acq: 13 Apr 2020 17:31

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.8	53.3#
77	0.0	24.4	36.6#

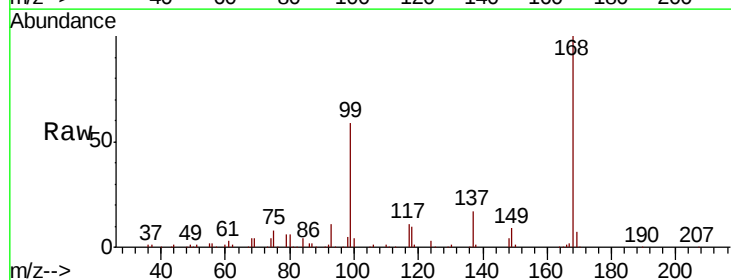


Abundance Ion 74.90 (74.60 to 75.60): VY002286.D (-967) (-)

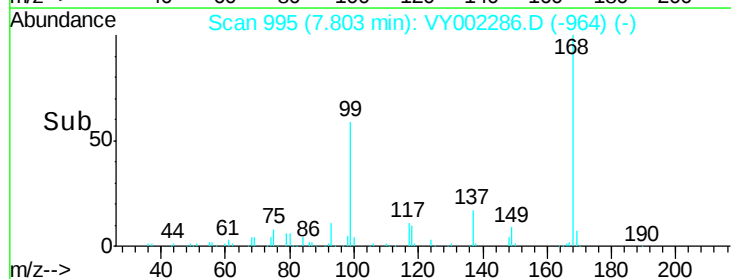
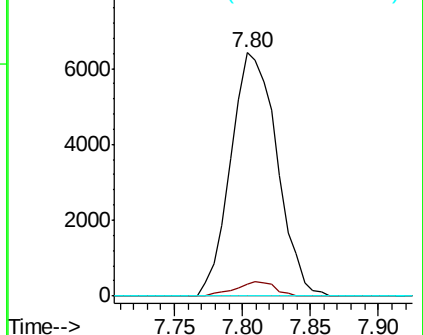


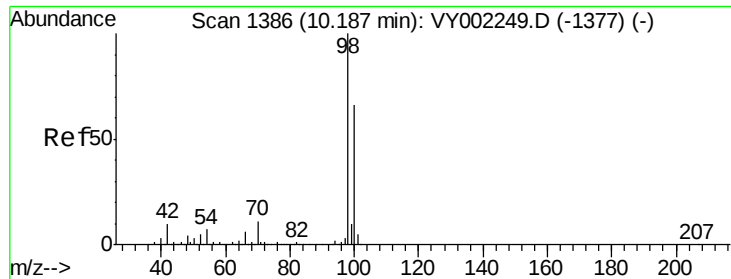
#38
 Carbon Tetrachloride
 Concen: 6.095 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.11 min
 Lab File: VY002286.D
 Acq: 13 Apr 2020 17:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	77.1	115.7#
121	0.0	23.9	35.9#



Abundance Ion 116.80 (116.50 to 117.50): VY002286.D (-964) (-)





#50

Toluene-d8

Concen: 48.913 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002286.D

Acq: 13 Apr 2020 17:31

Instrument :

MSVOA_Y

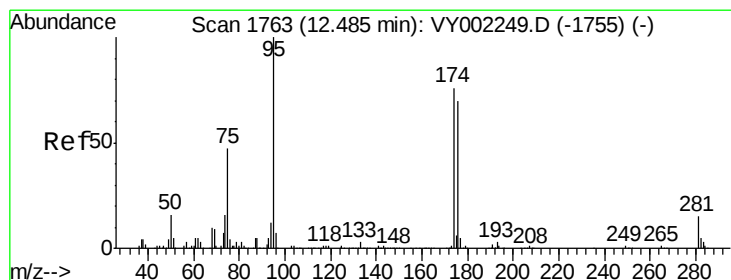
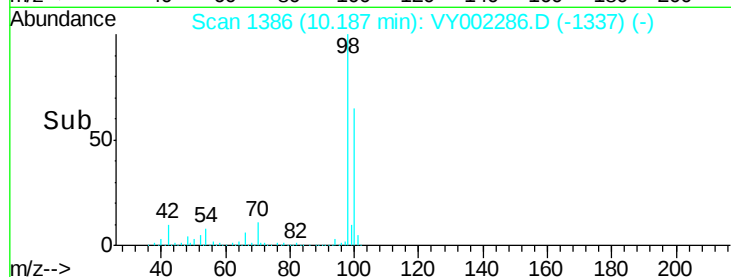
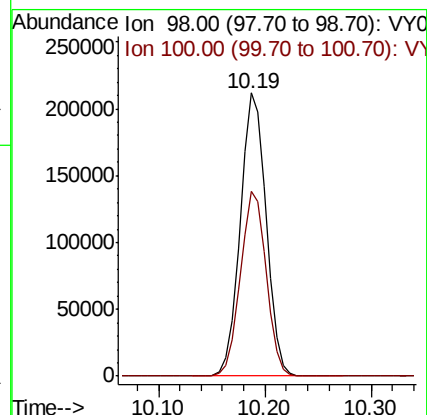
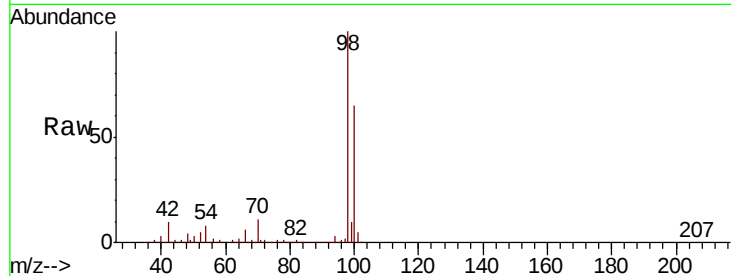
ClientSampleId :

Tot Ion: 98 Resp: 360883

Ion Ratio Lower Upper

98 100

100 65.2 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 50.651 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002286.D

Acq: 13 Apr 2020 17:31

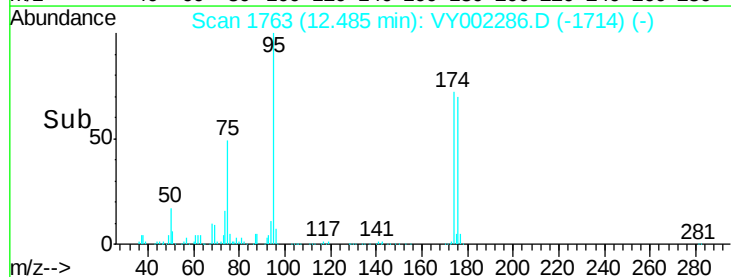
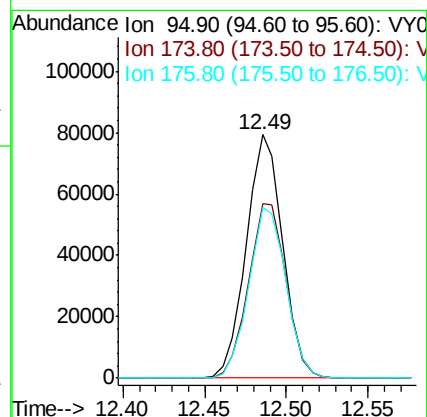
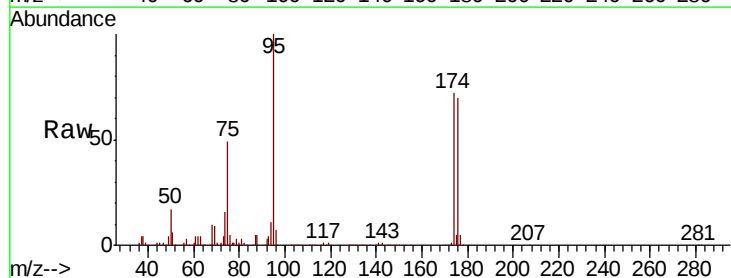
Tgt Ion: 95 Resp: 123291

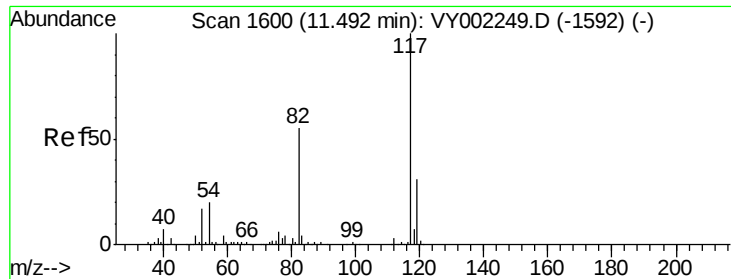
Ion Ratio Lower Upper

95 100

174 74.1 0.0 150.6

176 71.4 0.0 141.4

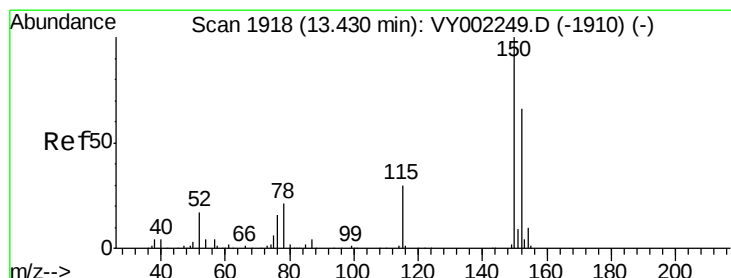
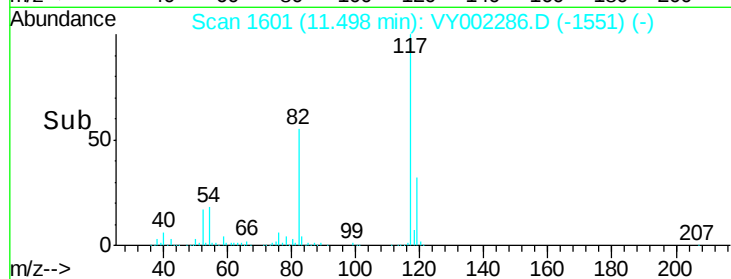
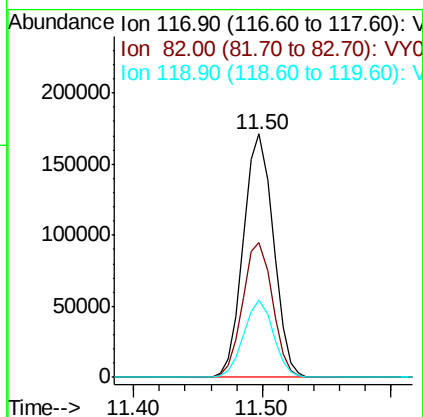
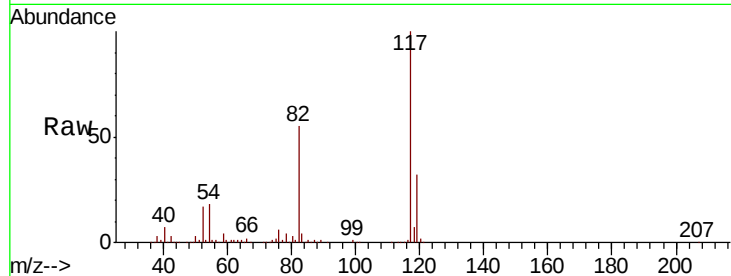




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002286.D
Acq: 13 Apr 2020 17:31

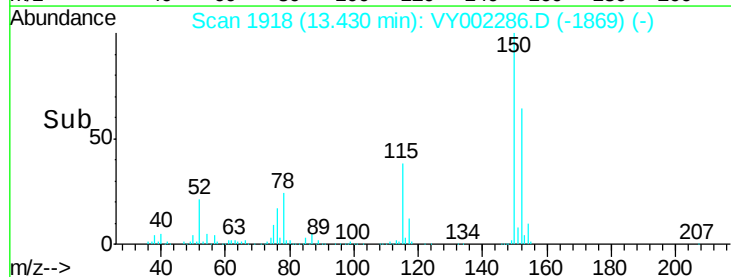
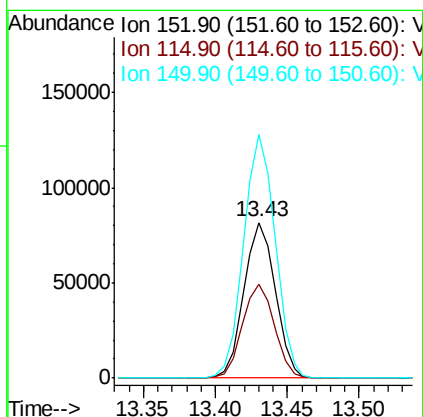
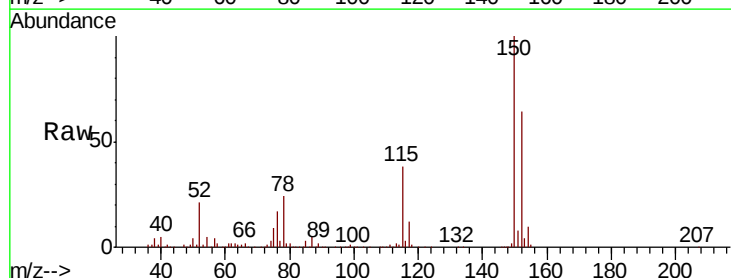
Instrument :
MSVOA_Y
ClientSampleId :

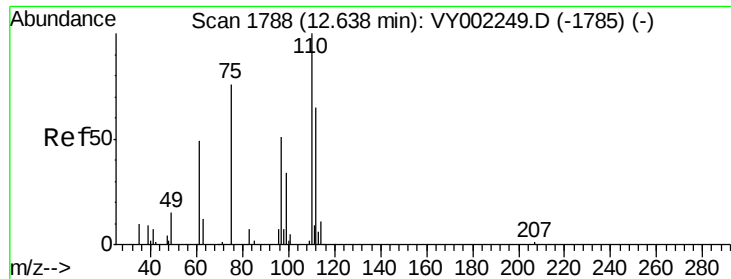
Tot Ion:117 Resp: 275852
Ion Ratio Lower Upper
117 100
82 55.5 44.2 66.4
119 31.6 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002286.D
Acq: 13 Apr 2020 17:31

Tgt Ion:152 Resp: 123107
Ion Ratio Lower Upper
152 100
115 61.1 30.7 92.1
150 157.9 0.0 350.6

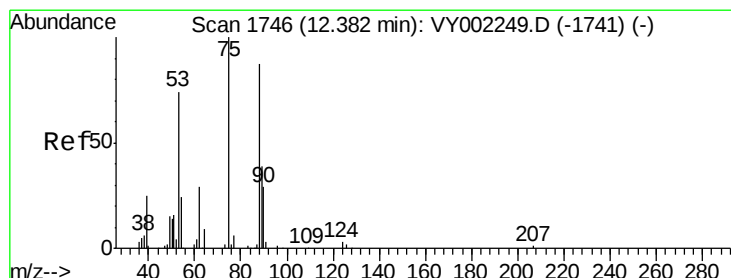
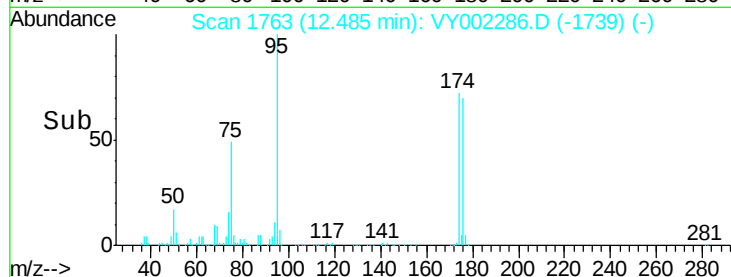
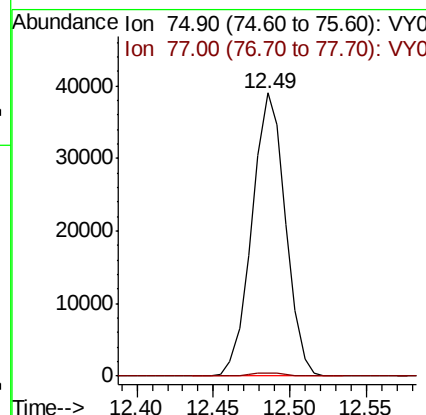
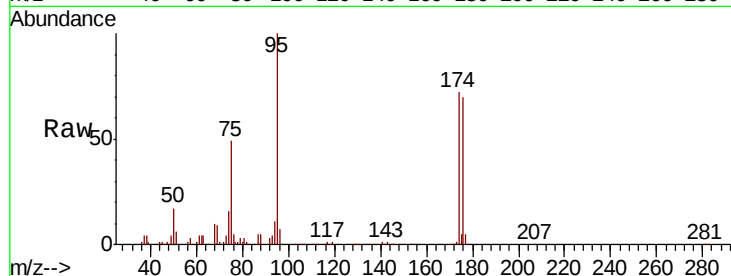




#76
 1,2,3-Trichloropropane
 Concen: 41.605 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.15 min
 Lab File: VY002286.D
 Acq: 13 Apr 2020 17:31

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 59476
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.921 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.10 min
 Lab File: VY002286.D
 Acq: 13 Apr 2020 17:31

Tgt Ion: 75 Resp: 59476
 Ion Ratio Lower Upper
 75 100
 53 0.0 59.8 89.8#
 89 0.0 37.0 55.6#

