

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041320\
 Data File : VY002283.D
 Acq On : 13 Apr 2020 16:24
 Operator : SY/MD
 Sample : L2215-13
 Misc : 8.95G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 14 06:17:35 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

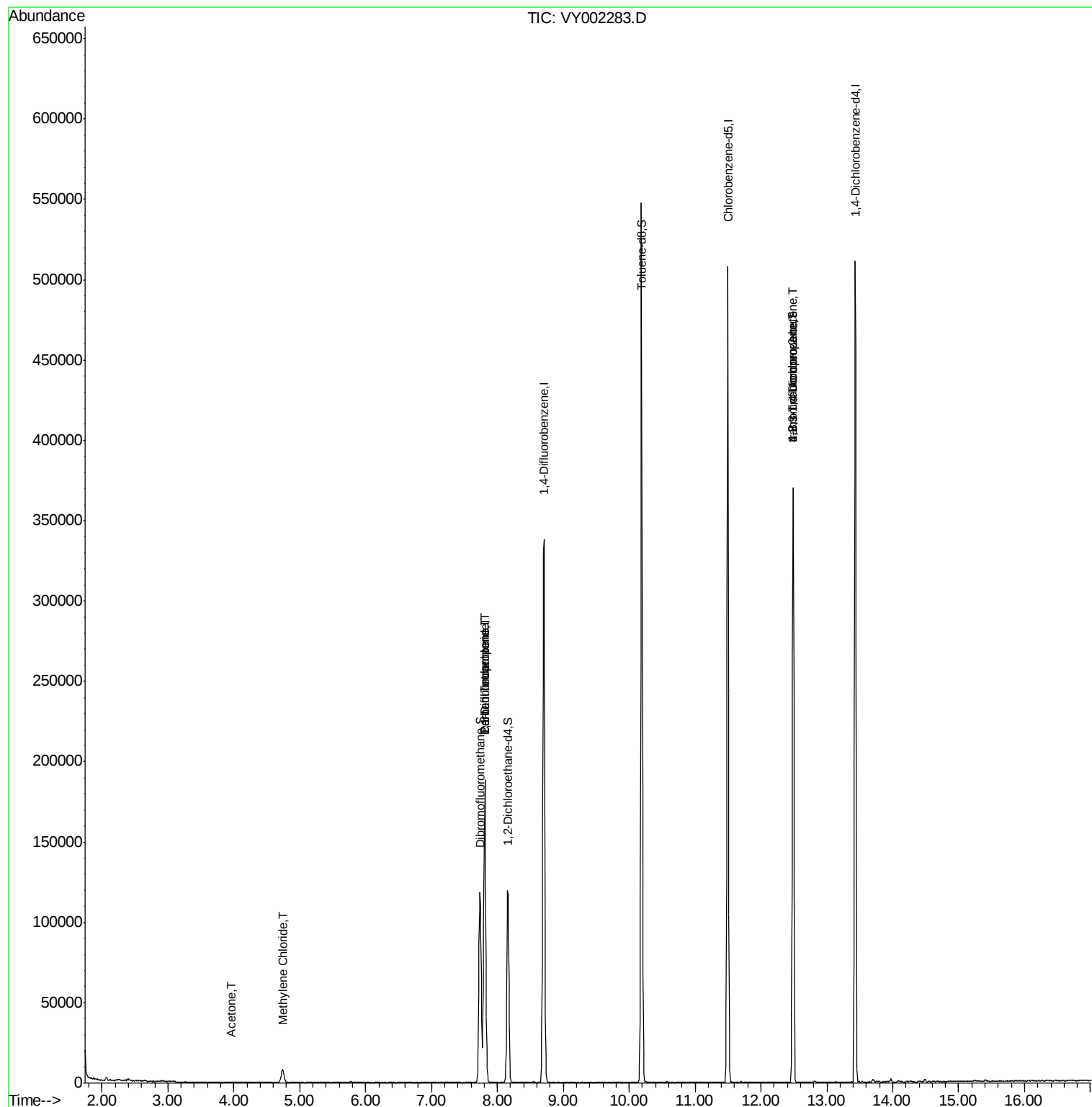
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	142454	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	295198	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	279340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	123747	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	88120	55.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.24%	
35) Dibromofluoromethane	7.74	113	87286	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
50) Toluene-d8	10.19	98	359505	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
62) 4-Bromofluorobenzene	12.49	95	126148	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
Target Compounds						
					Qvalue	
16) Acetone	3.97	43	547	1.311	ug/l	91
20) Methylene Chloride	4.74	84	6091	2.970	ug/l	97
36) 1,1-Dichloropropene	7.81	75	11611	3.993	ug/l #	51
38) Carbon Tetrachloride	7.80	117	14509	5.834	ug/l #	14
76) 1,2,3-Trichloropropane	12.49	75	61228	42.609	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	61228	82.874	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: VY002283.D

Acq: 13 Apr 2020 16:24

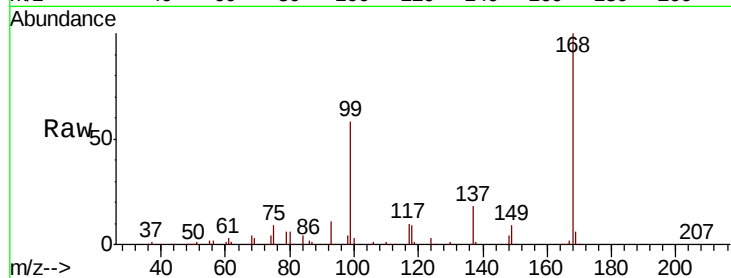
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 142454

Ion Ratio Lower Upper

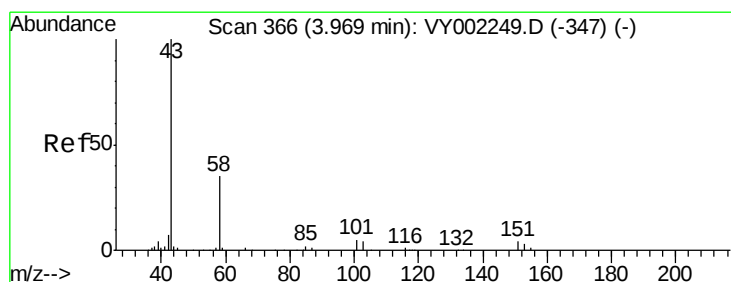
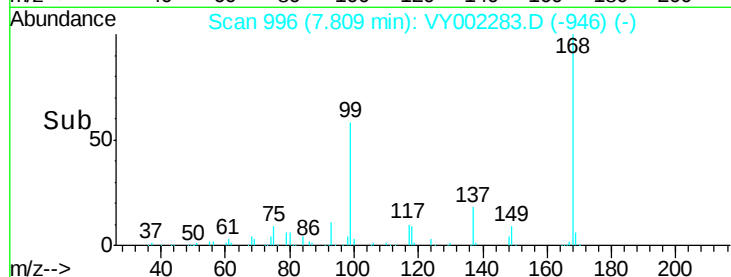
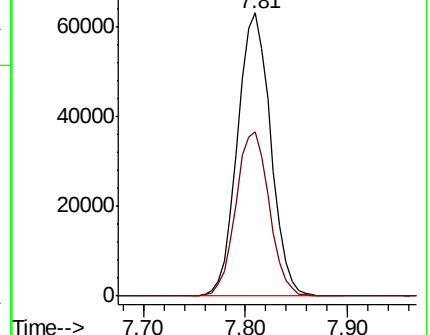
168 100

99 58.1 48.0 72.0



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

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)



#16

Acetone

Concen: 1.311 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.00 min

Lab File: VY002283.D

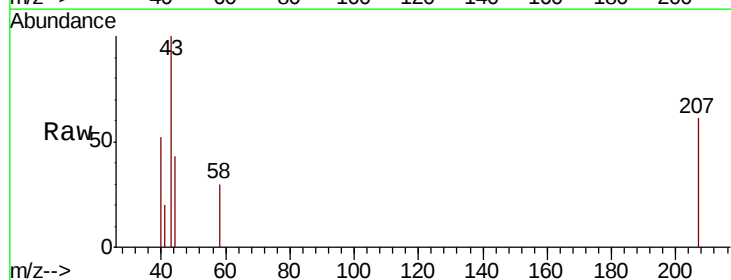
Acq: 13 Apr 2020 16:24

Tgt Ion: 43 Resp: 547

Ion Ratio Lower Upper

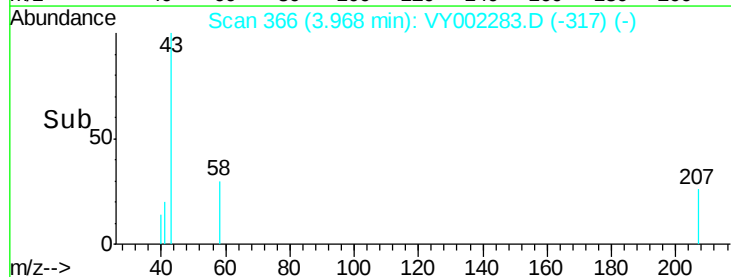
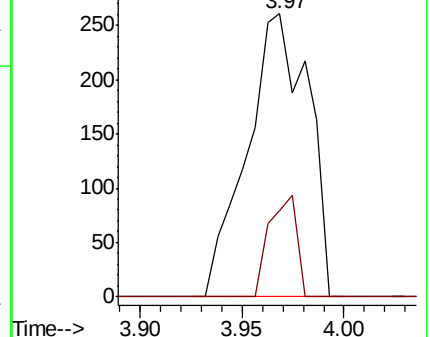
43 100

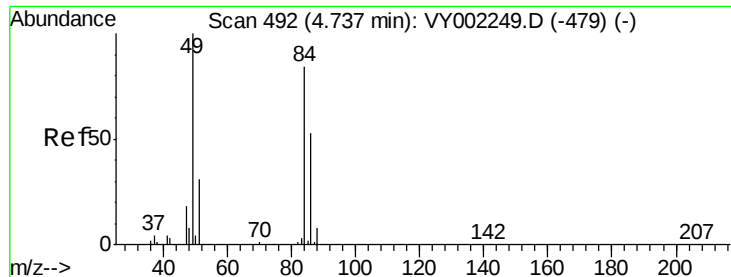
58 30.3 28.5 42.7



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

Ion 58.00 (57.70 to 58.70): VY002249.D (-347) (-)

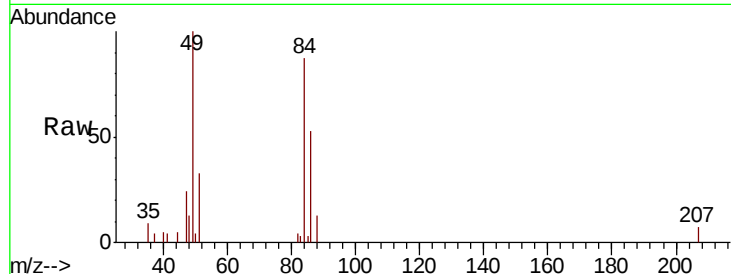




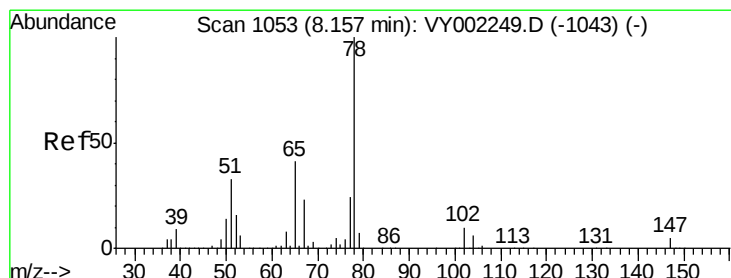
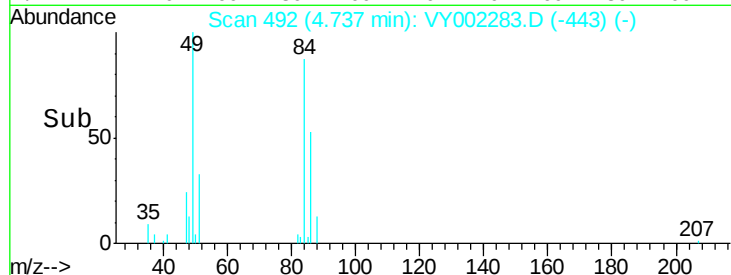
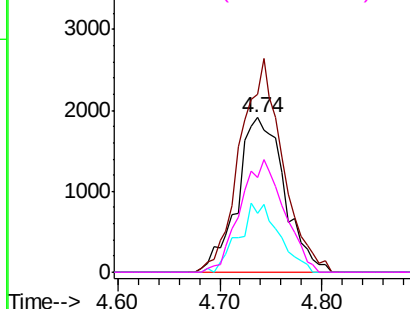
#20
Methylene Chloride
Concen: 2.970 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.00 min
Lab File: VY002283.D
Acq: 13 Apr 2020 16:24

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 84 Resp: 6091
Ion Ratio Lower Upper
84 100
49 115.1 95.5 143.3
51 38.0 29.5 44.3
86 61.3 50.7 76.1

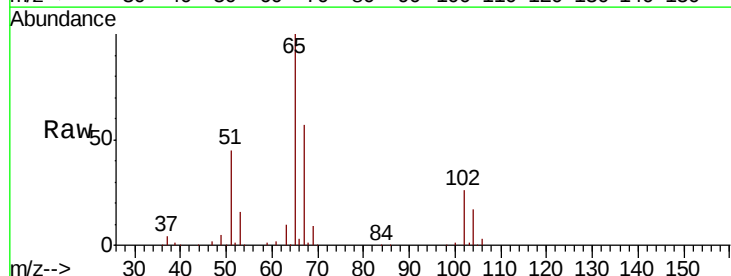


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

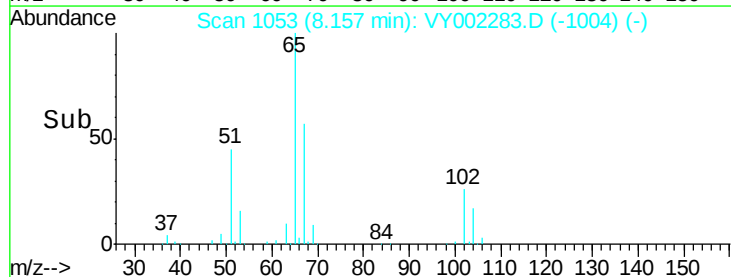
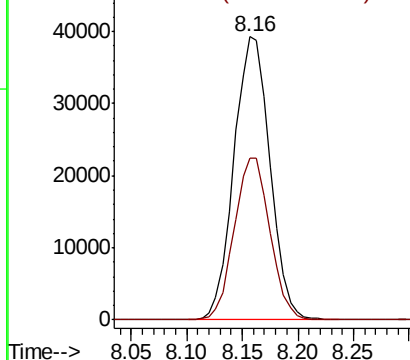


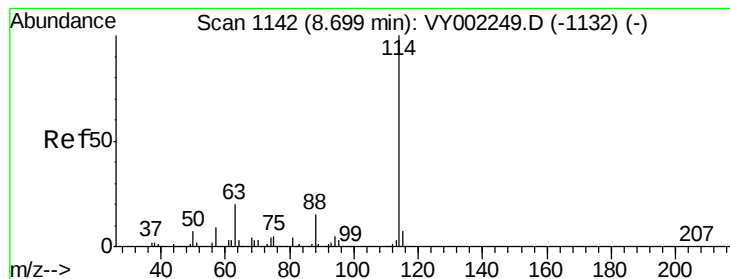
#33
1,2-Dichloroethane-d4
Concen: 55.625 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VY002283.D
Acq: 13 Apr 2020 16:24

Tgt Ion: 65 Resp: 88120
Ion Ratio Lower Upper
65 100
67 56.8 0.0 114.0



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VY002283.D

Acq: 13 Apr 2020 16:24

Instrument :
MSVOA_Y
ClientSampleId :

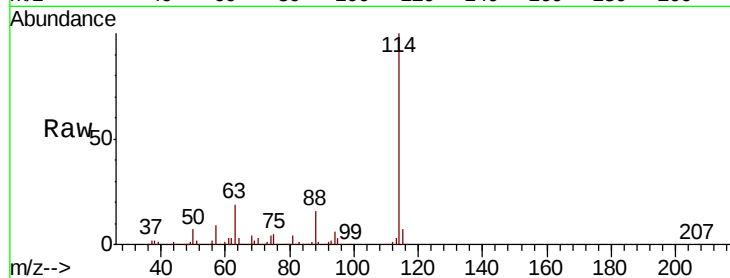
Tot Ion:114 Resp: 295198

Ion Ratio Lower Upper

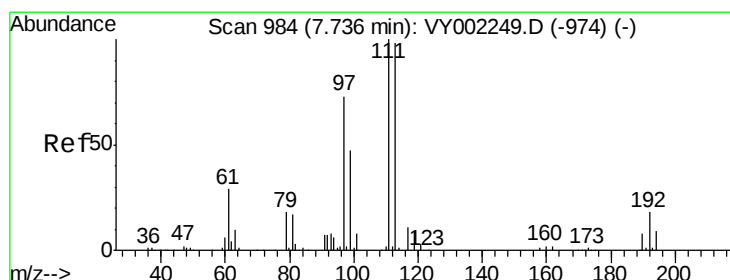
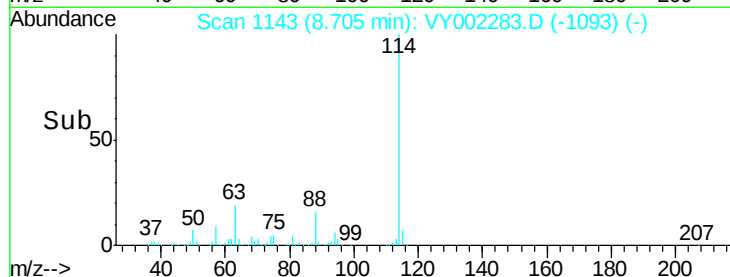
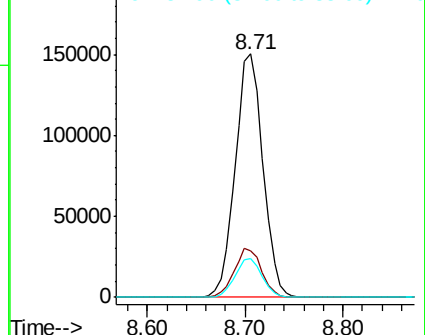
114 100

63 19.3 0.0 39.0

88 16.0 0.0 31.0



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: 49.692 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.00 min

Lab File: VY002283.D

Acq: 13 Apr 2020 16:24

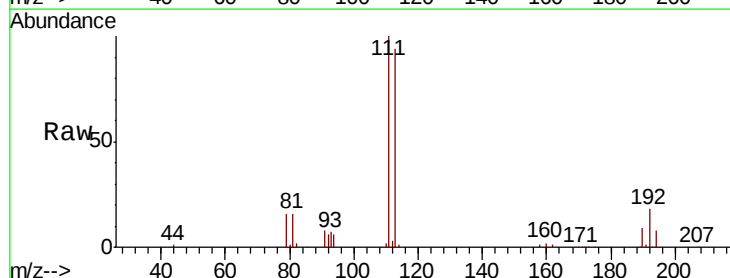
Tgt Ion:113 Resp: 87286

Ion Ratio Lower Upper

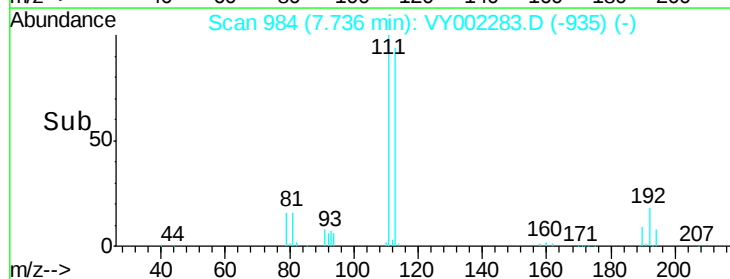
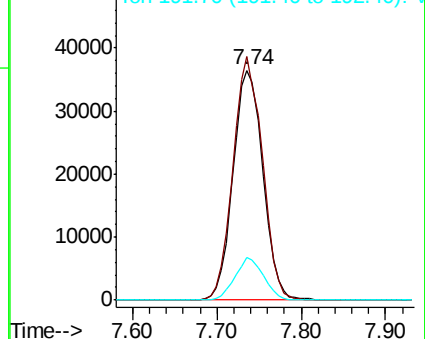
113 100

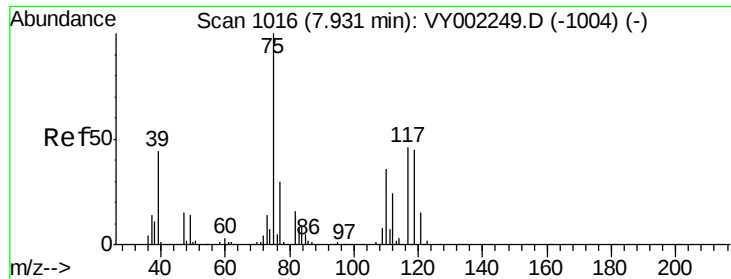
111 104.2 83.5 125.3

192 17.6 14.7 22.1



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

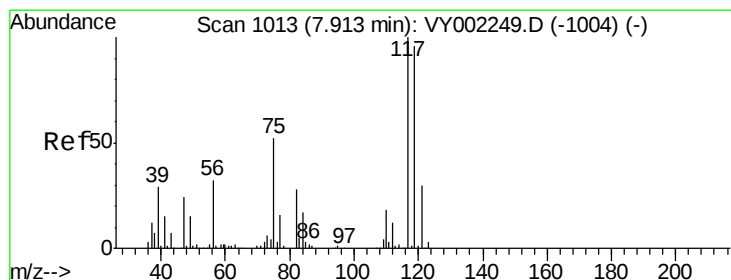
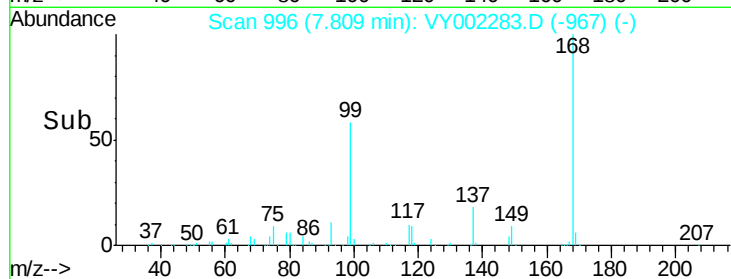
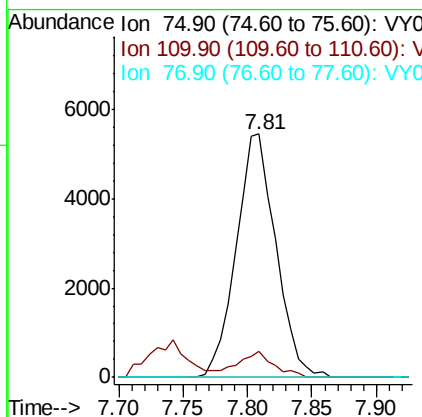
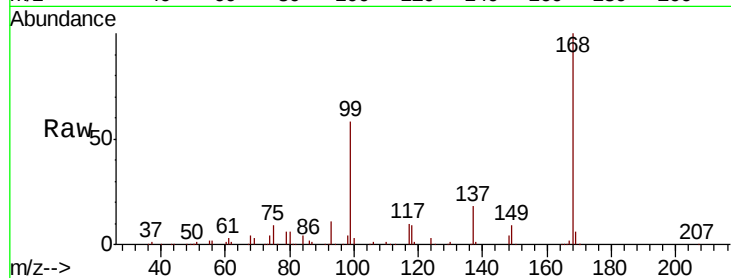




#36
 1,1-Dichloropropene
 Concen: 3.993 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.12 min
 Lab File: VY002283.D
 Acq: 13 Apr 2020 16:24

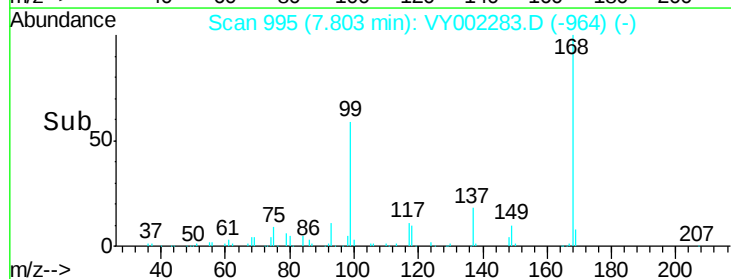
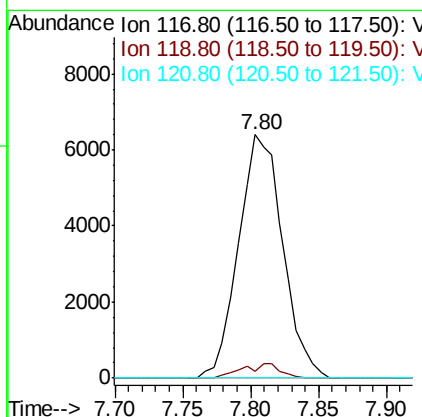
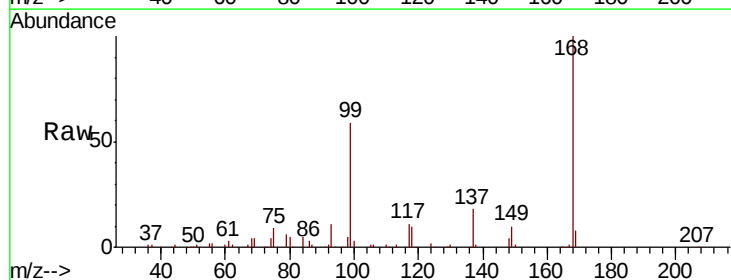
Instrument :
 MSVOA_Y
 ClientSampleId :

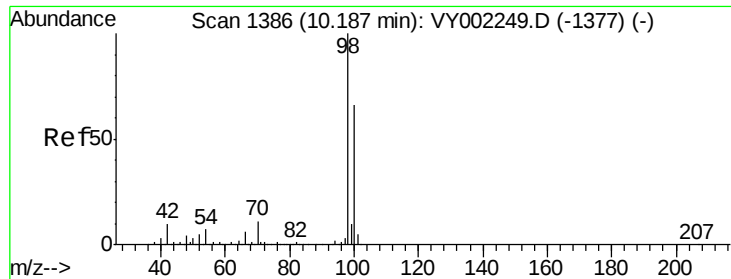
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.9	17.8	53.3#
77	0.0	24.4	36.6#



#38
 Carbon Tetrachloride
 Concen: 5.834 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.11 min
 Lab File: VY002283.D
 Acq: 13 Apr 2020 16:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	2.9	77.1	115.7#
121	0.0	23.9	35.9#





#50

Toluene-d8

Concen: 48.898 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY002283.D

Acq: 13 Apr 2020 16:24

Instrument :

MSVOA_Y

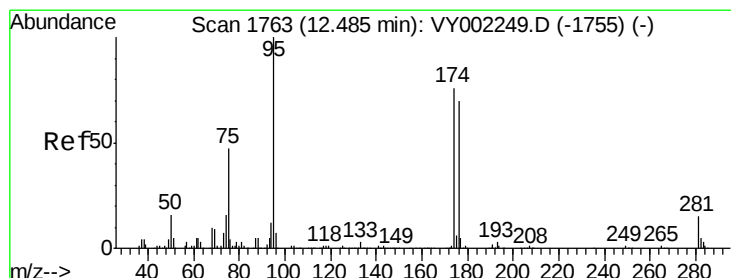
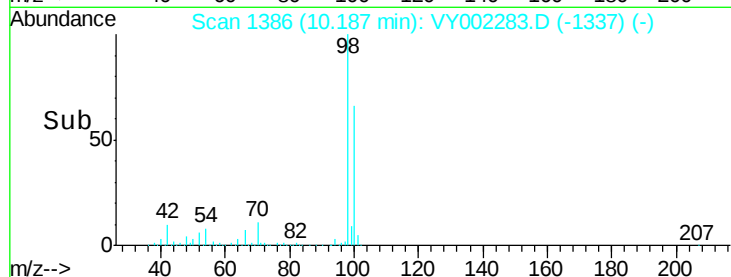
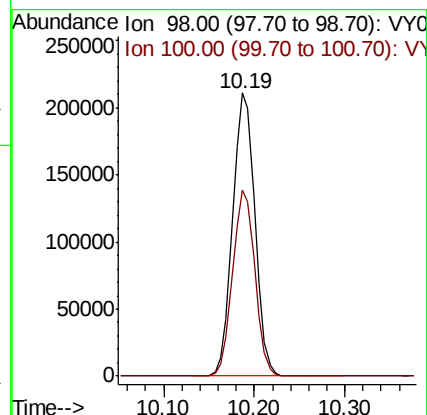
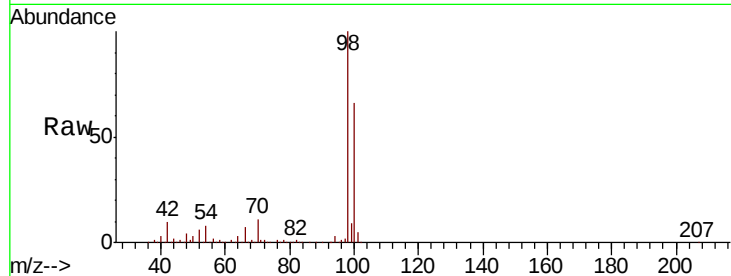
ClientSampleId :

Tot Ion: 98 Resp: 359505

Ion Ratio Lower Upper

98 100

100 65.7 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 52.008 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY002283.D

Acq: 13 Apr 2020 16:24

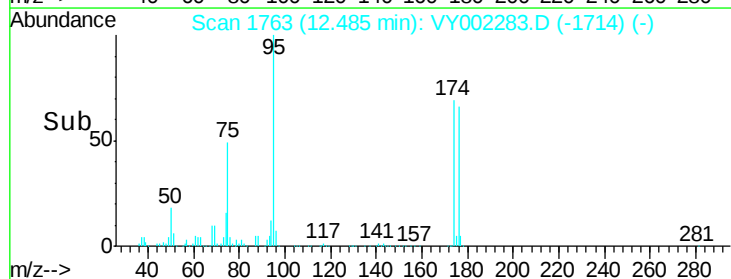
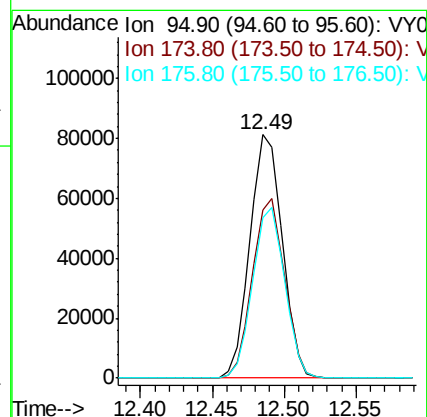
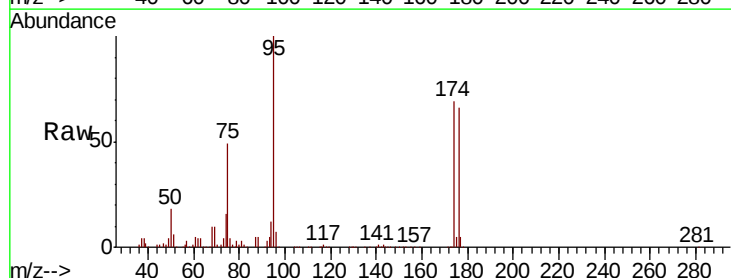
Tgt Ion: 95 Resp: 126148

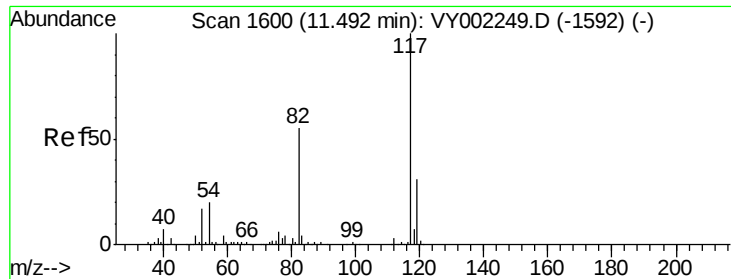
Ion Ratio Lower Upper

95 100

174 73.3 0.0 150.6

176 69.3 0.0 141.4

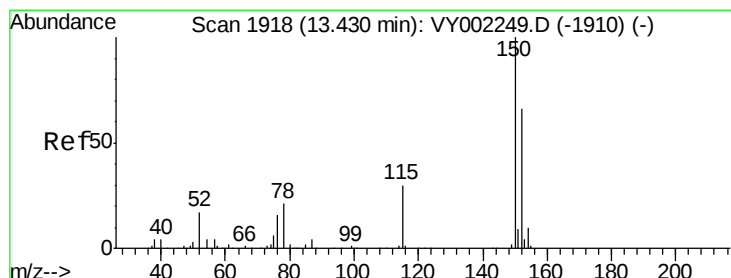
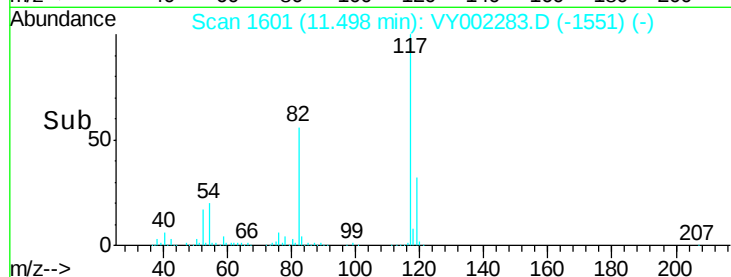
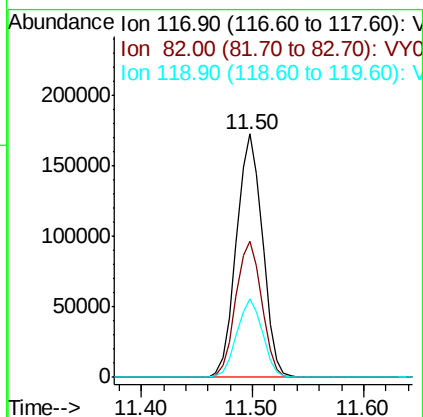
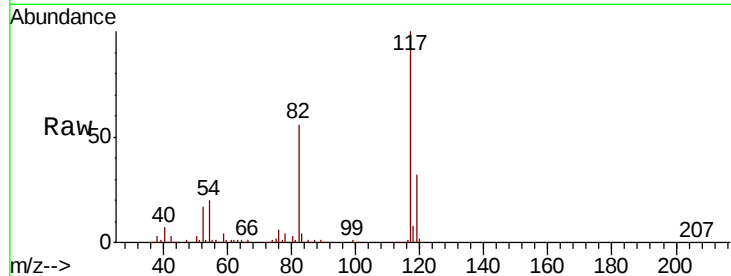




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002283.D
Acq: 13 Apr 2020 16:24

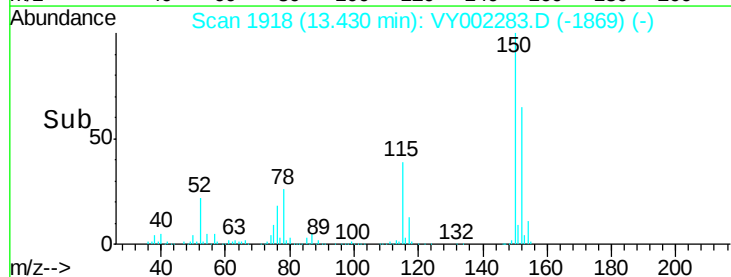
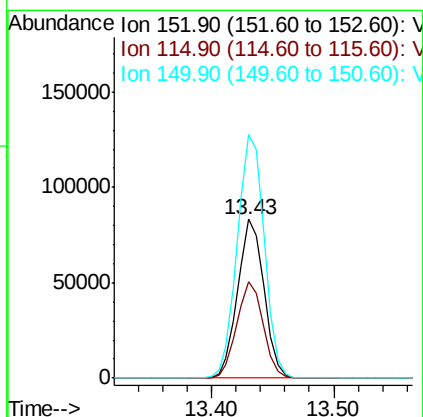
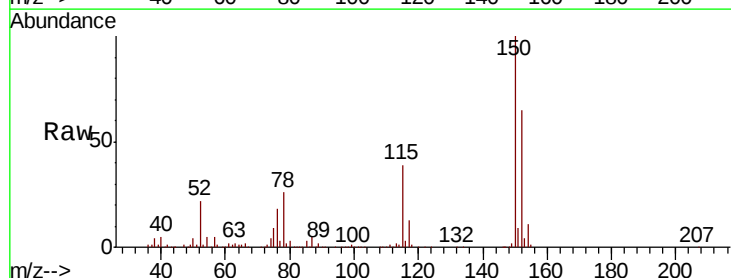
Instrument :
MSVOA_Y
ClientSampleId :

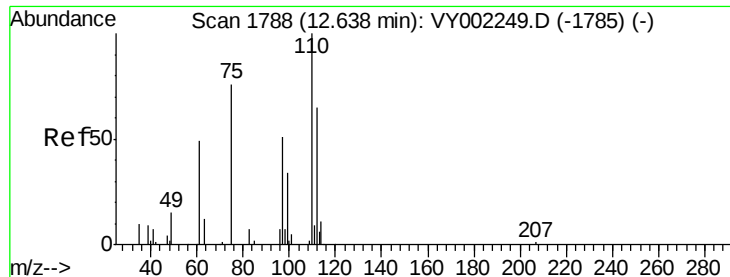
Tot Ion:117 Resp: 279340
Ion Ratio Lower Upper
117 100
82 55.9 44.2 66.4
119 32.3 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY002283.D
Acq: 13 Apr 2020 16:24

Tgt Ion:152 Resp: 123747
Ion Ratio Lower Upper
152 100
115 60.7 30.7 92.1
150 157.1 0.0 350.6

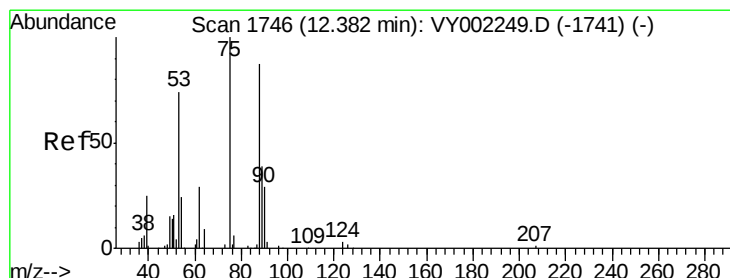
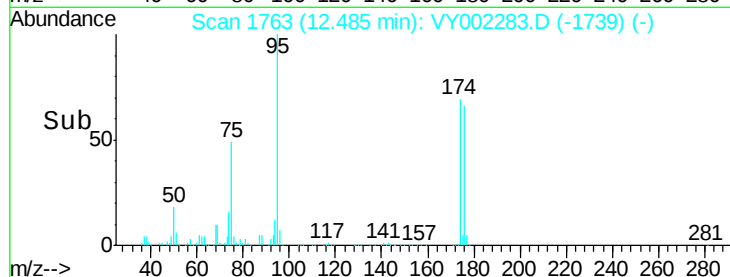
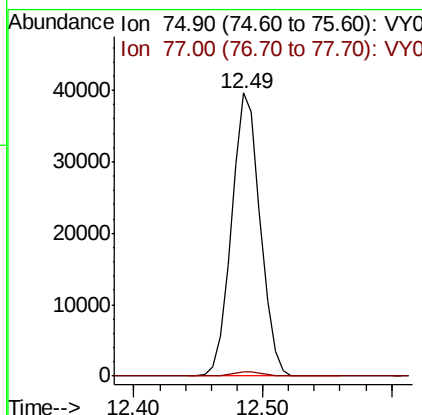
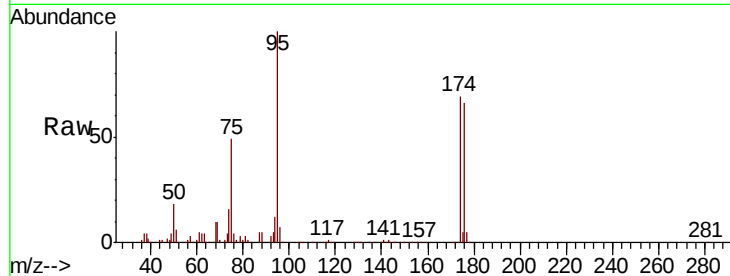




#76
 1,2,3-Trichloropropane
 Concen: 42.609 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.15 min
 Lab File: VY002283.D
 Acq: 13 Apr 2020 16:24

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 75 Resp: 61228
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.874 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.10 min
 Lab File: VY002283.D
 Acq: 13 Apr 2020 16:24

Tgt Ion: 75 Resp: 61228
 Ion Ratio Lower Upper
 75 100
 53 0.0 59.8 89.8#
 89 0.1 37.0 55.6#

