

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041320\
 Data File : VY002284.D
 Acq On : 13 Apr 2020 16:46
 Operator : SY/MD
 Sample : L2215-16
 Misc : 5.97G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 14 06:17:46 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

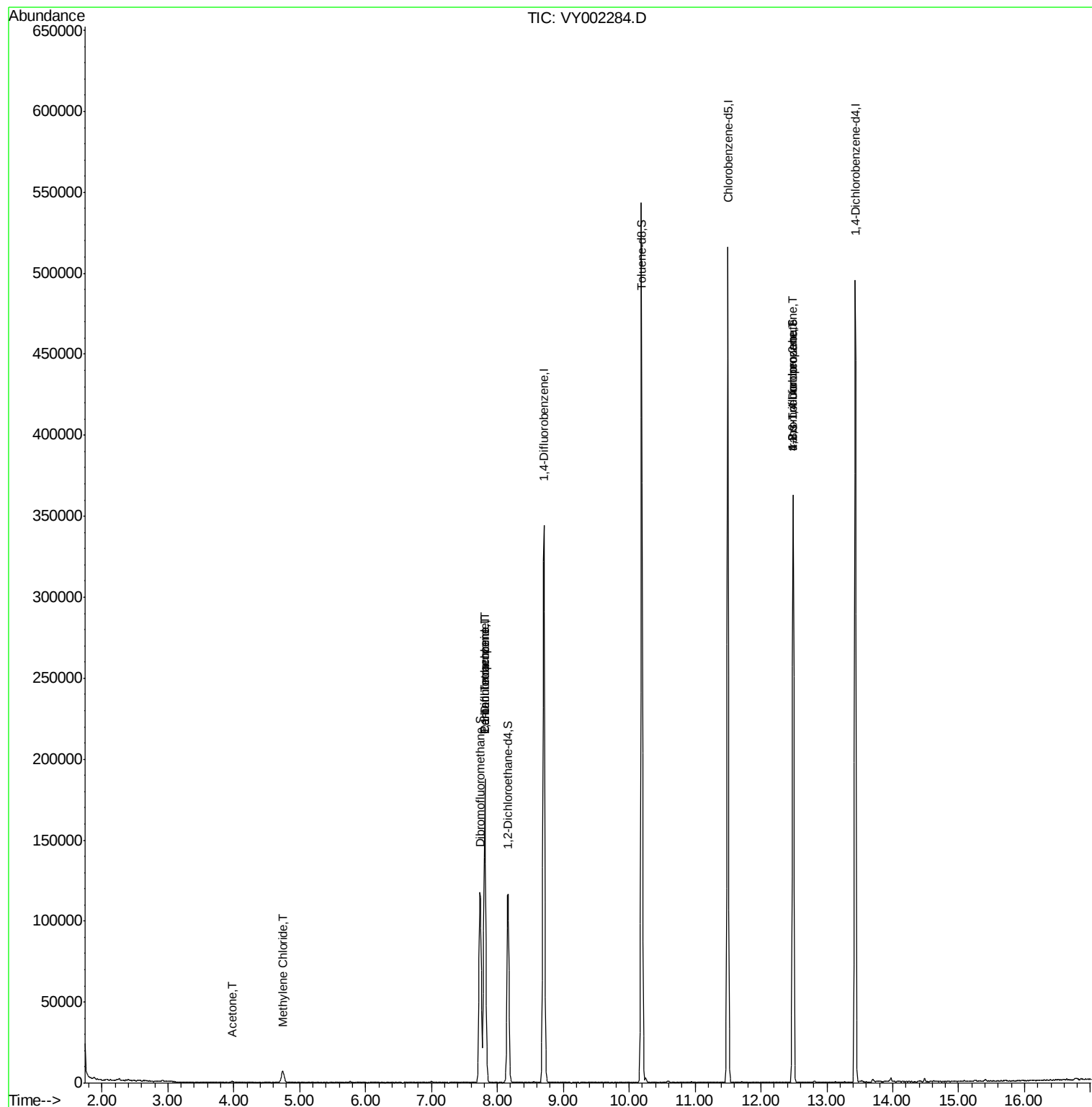
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	145323	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	294212	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	275997	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	121269	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	86006	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	
35) Dibromofluoromethane	7.74	113	86178	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
50) Toluene-d8	10.19	98	359044	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
62) 4-Bromofluorobenzene	12.48	95	123552	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
Target Compounds						
16) Acetone	3.97	43	1360	3.195	ug/l #	19
20) Methylene Chloride	4.75	84	5502	2.630	ug/l	85
36) 1,1-Dichloropropene	7.81	75	12022	4.148	ug/l #	48
38) Carbon Tetrachloride	7.82	117	14527	5.860	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	60959	43.289	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	60959	84.196	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: VY002284.D

Acq: 13 Apr 2020 16:46

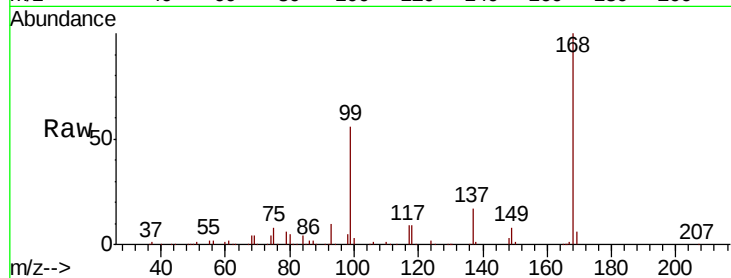
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 145323

Ion Ratio Lower Upper

168 100

99 56.0 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002284.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY002284.D (-946) (-)

7.81

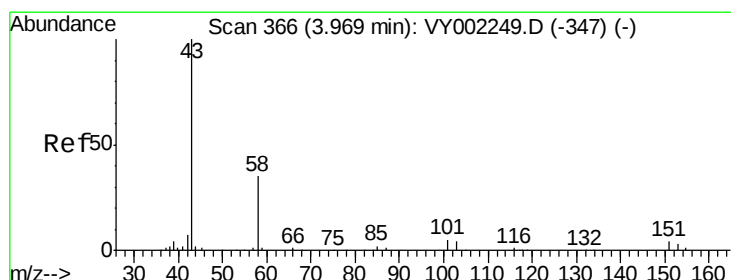
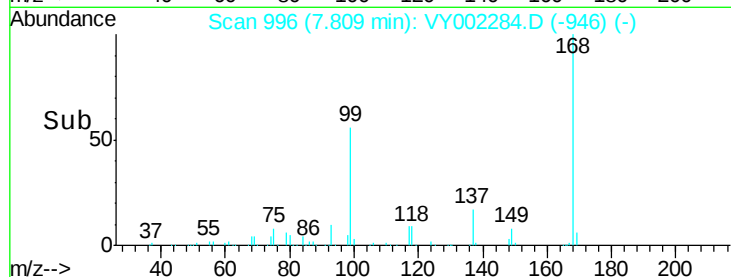
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 3.195 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.00 min

Lab File: VY002284.D

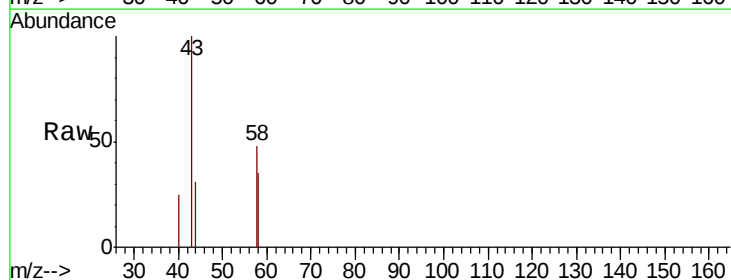
Acq: 13 Apr 2020 16:46

Tgt Ion: 43 Resp: 1360

Ion Ratio Lower Upper

43 100

58 83.3 28.5 42.7#



Abundance Ion 43.00 (42.70 to 43.70): VY002284.D (-317) (-)

Ion 58.00 (57.70 to 58.70): VY002284.D (-317) (-)

3.97

500

400

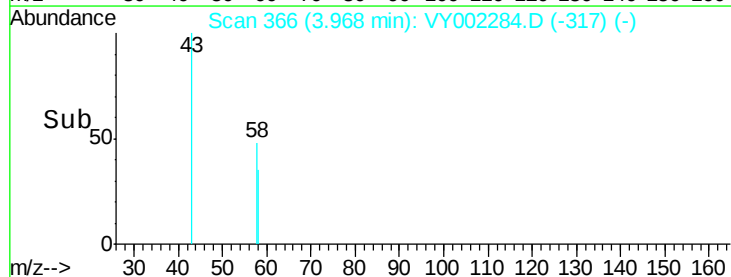
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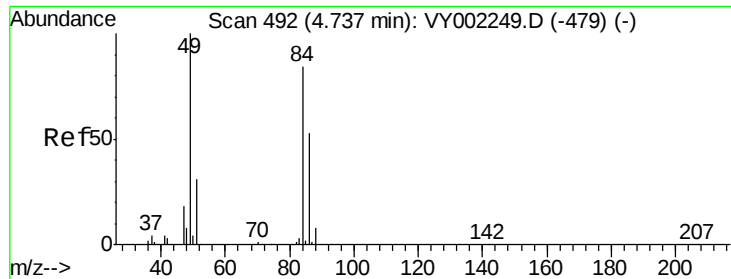
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100

0

Time-->

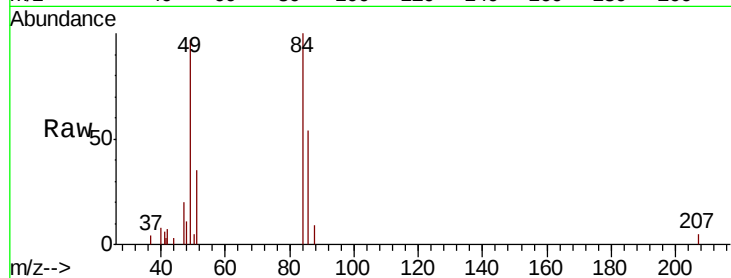




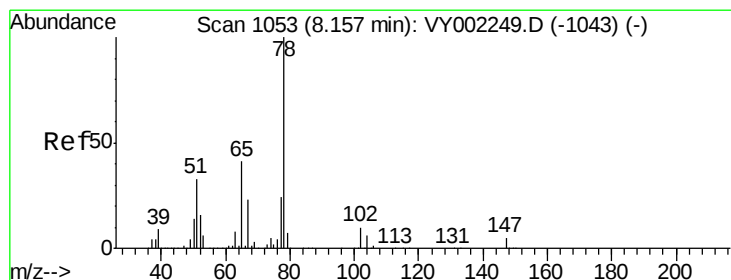
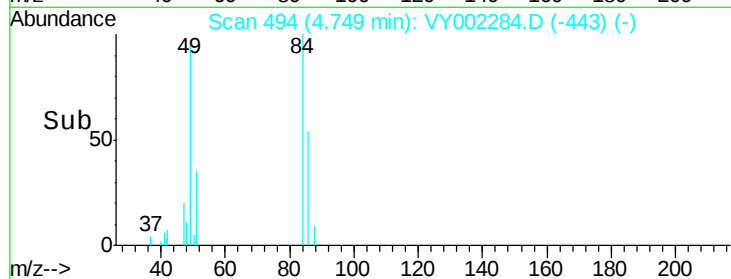
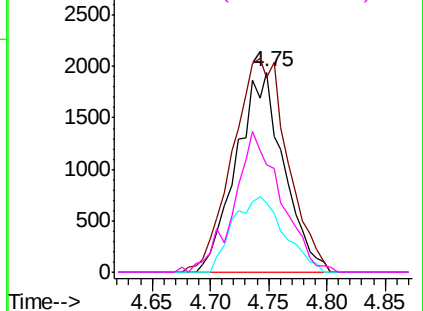
#20
Methvlene Chloride
Concen: 2.630 ug/l
RT: 4.75 min Scan# 494
Delta R.T. 0.01 min
Lab File: VY002284.D
Acq: 13 Apr 2020 16:46

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 84 Resp: 5502
Ion Ratio Lower Upper
84 100
49 97.2 95.5 143.3
51 34.7 29.5 44.3
86 53.8 50.7 76.1

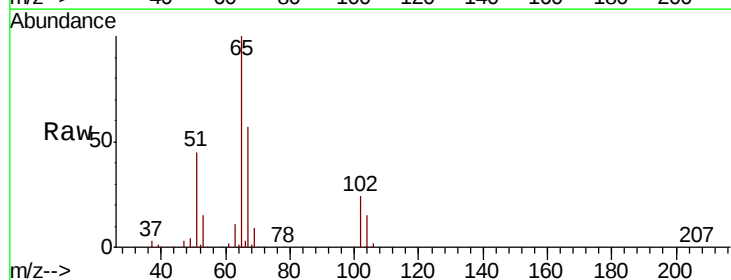


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

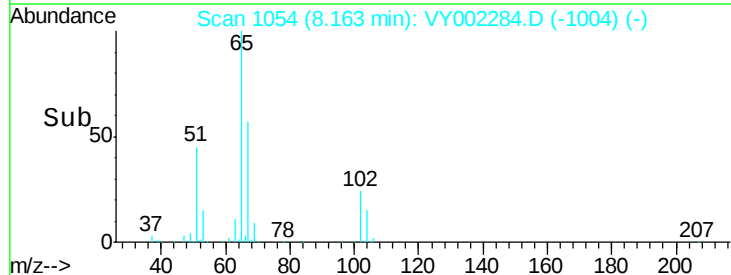
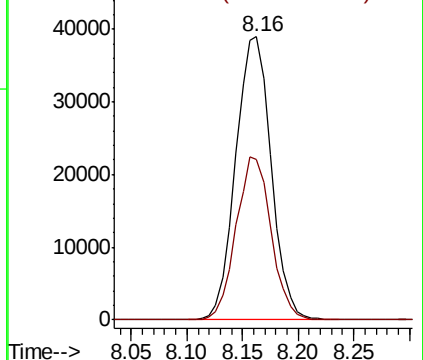


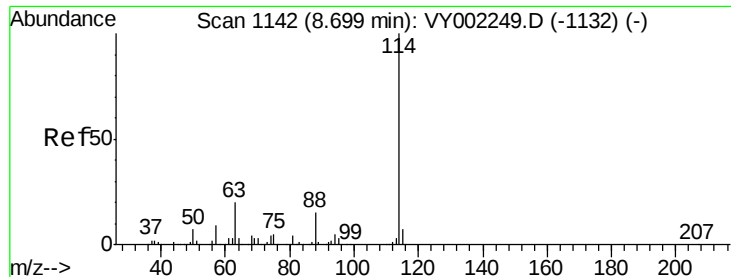
#33
1,2-Dichloroethane-d4
Concen: 53.218 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VY002284.D
Acq: 13 Apr 2020 16:46

Tgt Ion: 65 Resp: 86006
Ion Ratio Lower Upper
65 100
67 56.7 0.0 114.0



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

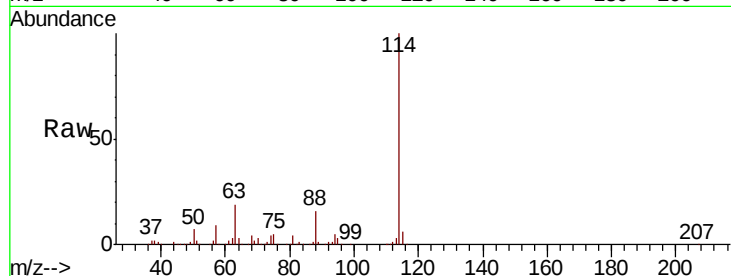




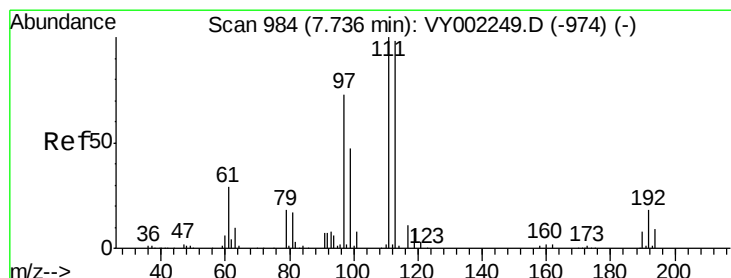
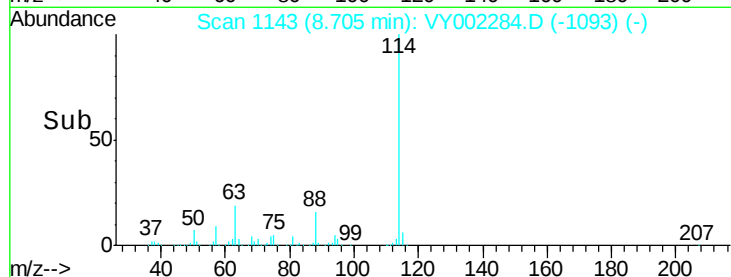
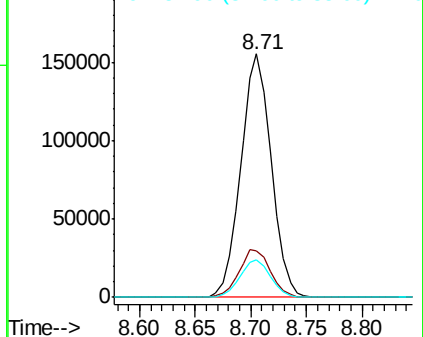
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: VY002284.D
 Acq: 13 Apr 2020 16:46

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	39.0
88	15.6	0.0	31.0

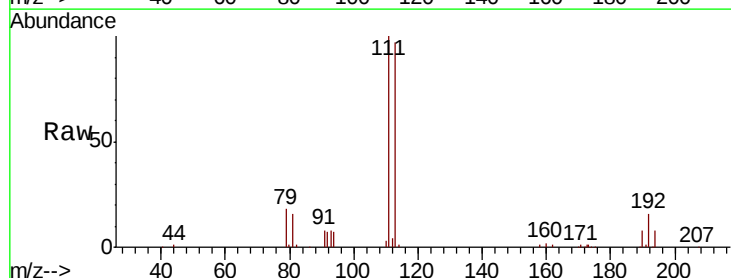


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

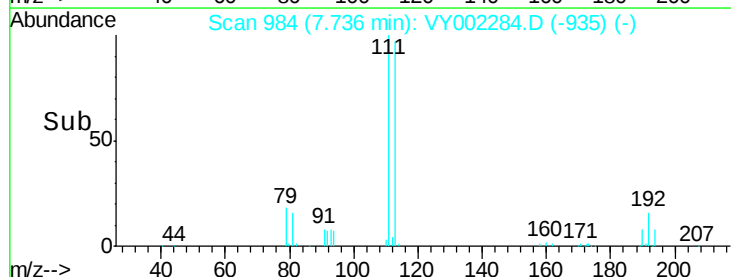
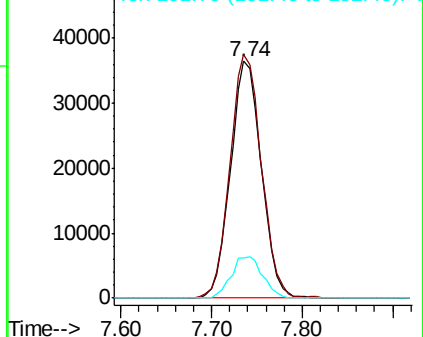


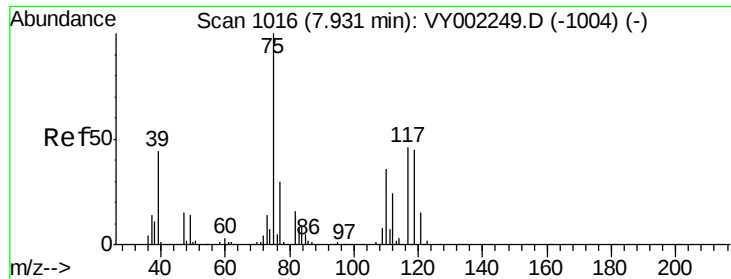
#35
 Dibromofluoromethane
 Concen: 49.226 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: VY002284.D
 Acq: 13 Apr 2020 16:46

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.3	83.5	125.3
192	17.9	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

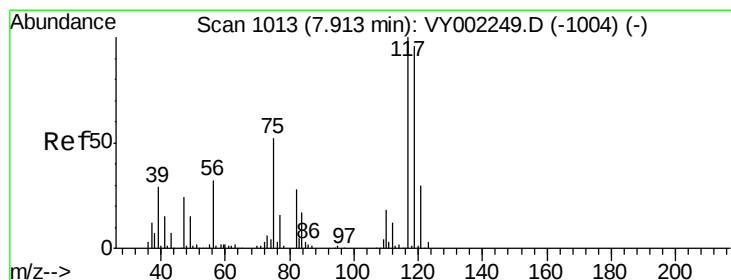
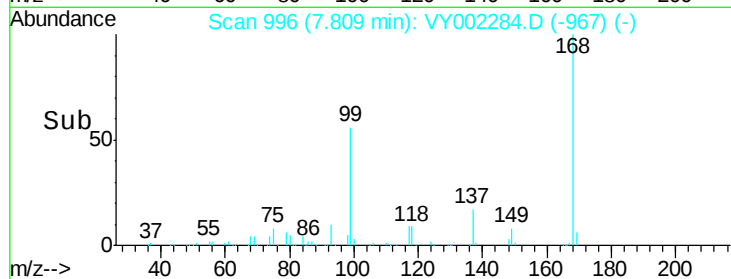
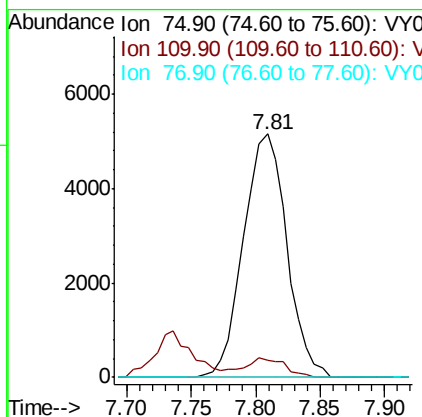
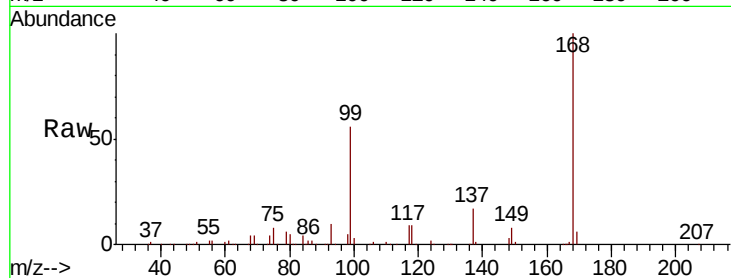




#36
 1,1-Dichloropropene
 Concen: 4.148 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.12 min
 Lab File: VY002284.D
 Acq: 13 Apr 2020 16:46

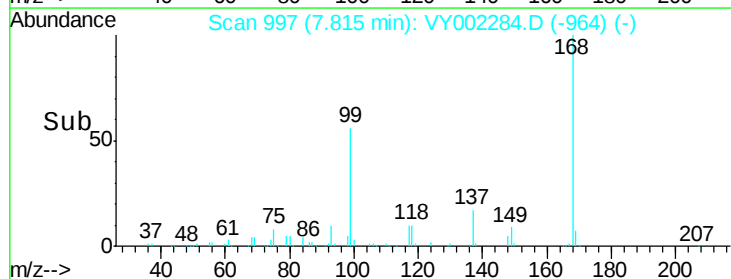
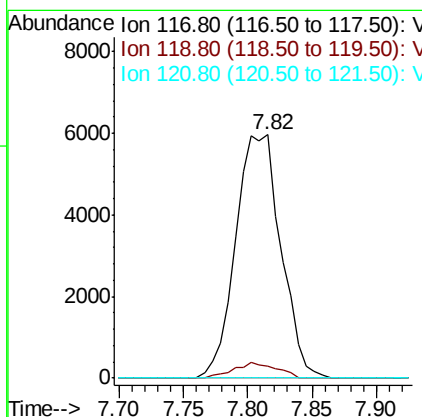
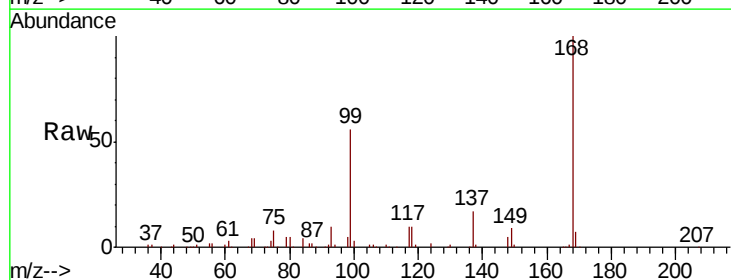
Instrument :
 MSVOA_Y
 ClientSampleId :

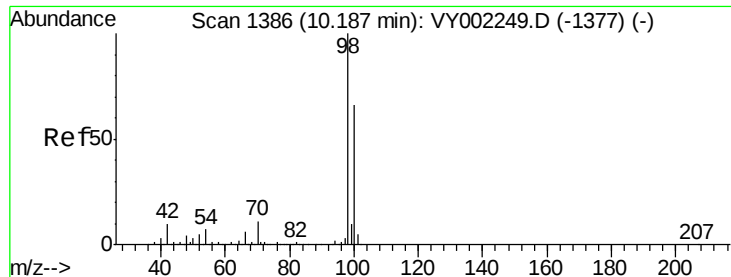
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.3	17.8	53.3#
77	0.0	24.4	36.6#



#38
 Carbon Tetrachloride
 Concen: 5.860 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.10 min
 Lab File: VY002284.D
 Acq: 13 Apr 2020 16:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.0	77.1	115.7#
121	0.0	23.9	35.9#





#50

Toluene-d8

Concen: 48.999 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY002284.D

Acq: 13 Apr 2020 16:46

Instrument :

MSVOA_Y

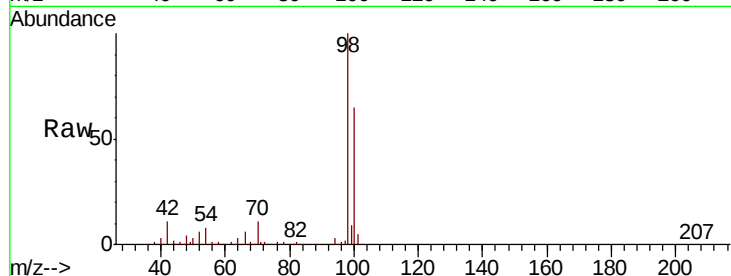
ClientSampleId :

Tot Ion: 98 Resp: 359044

Ion Ratio Lower Upper

98 100

100 65.4 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY002249.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY002249.D (-1377) (-)

10.19

250000

200000

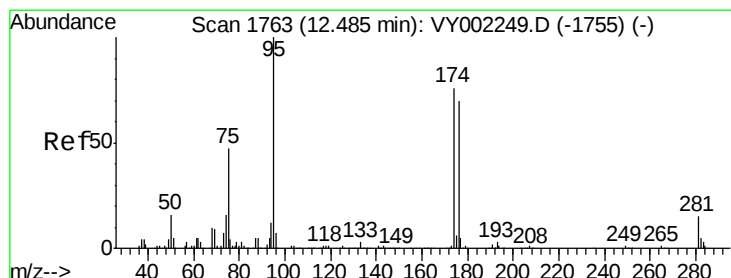
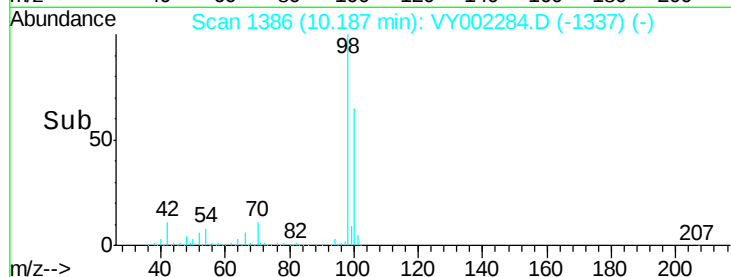
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.108 ug/l

RT: 12.48 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY002284.D

Acq: 13 Apr 2020 16:46

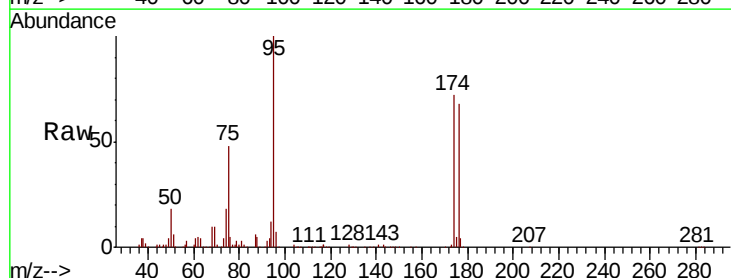
Tgt Ion: 95 Resp: 123552

Ion Ratio Lower Upper

95 100

174 73.2 0.0 150.6

176 70.1 0.0 141.4



Abundance Ion 94.90 (94.60 to 95.60): VY002249.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY002249.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY002249.D (-1755) (-)

12.48

100000

80000

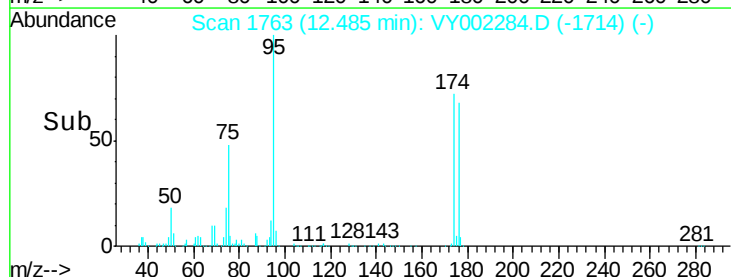
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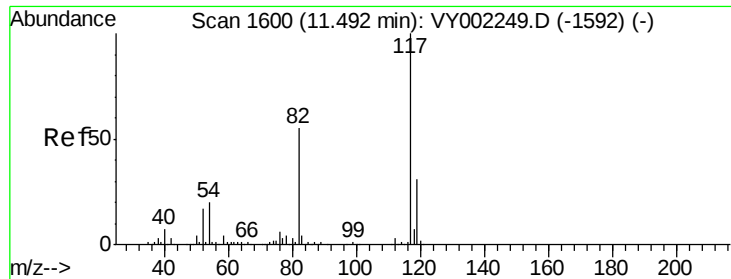
40000

20000

0

Time-->

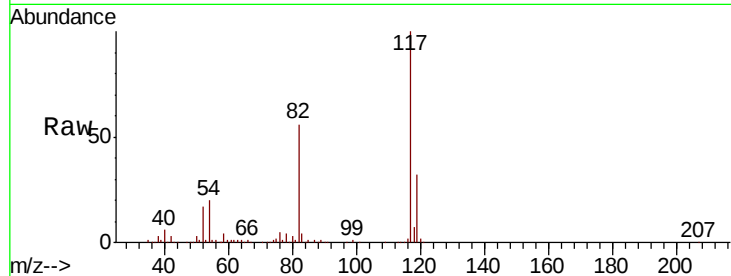




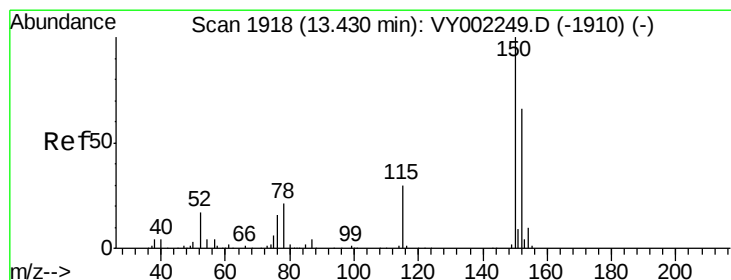
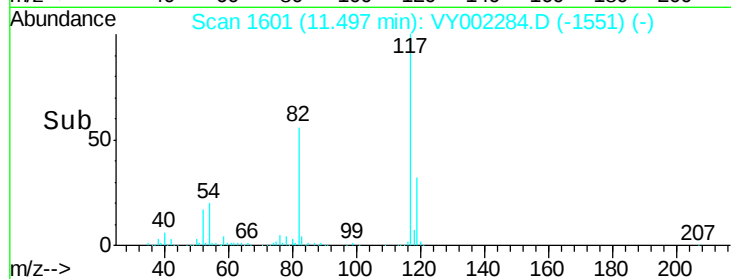
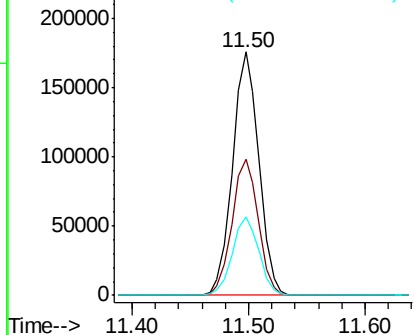
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002284.D
Acq: 13 Apr 2020 16:46

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 275997
Ion Ratio Lower Upper
117 100
82 55.8 44.2 66.4
119 32.2 25.1 37.7

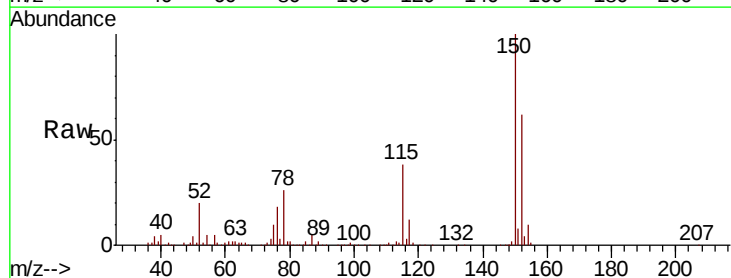


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

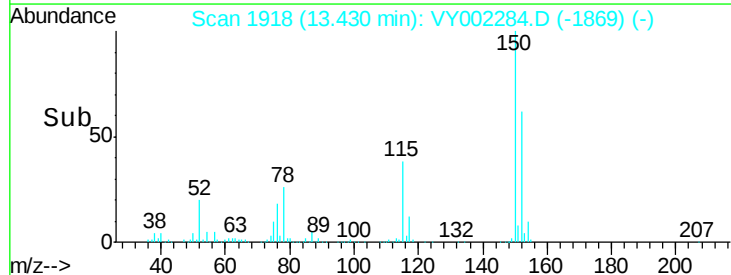
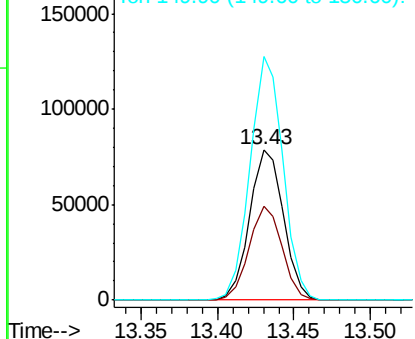


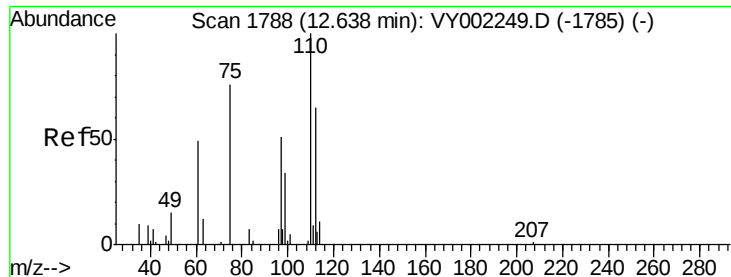
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY002284.D
Acq: 13 Apr 2020 16:46

Tgt Ion:152 Resp: 121269
Ion Ratio Lower Upper
152 100
115 60.9 30.7 92.1
150 157.9 0.0 350.6



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: 43.289 ug/l

RT: 12.48 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY002284.D

Acq: 13 Apr 2020 16:46

Instrument :

MSVOA_Y

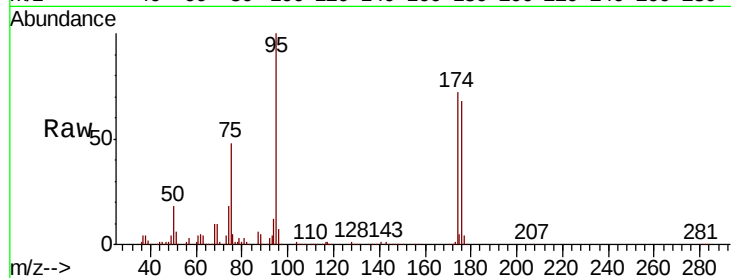
ClientSampleId :

Tot Ion: 75 Resp: 60959

Ion Ratio Lower Upper

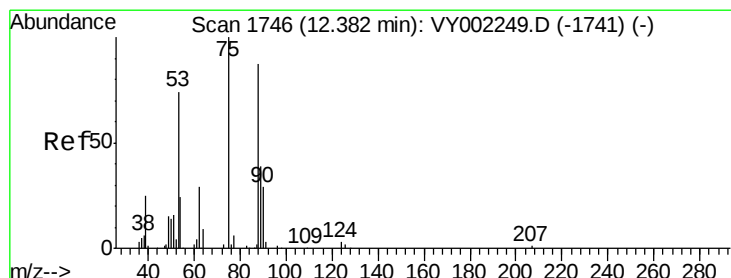
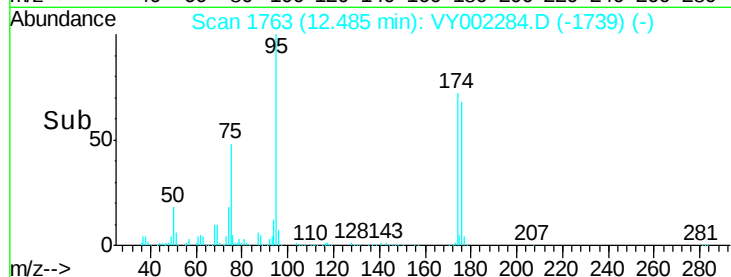
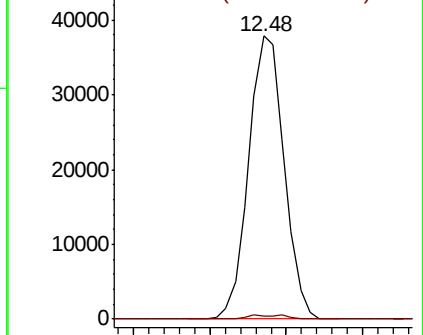
75 100

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: 84.196 ug/l

RT: 12.48 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002284.D

Acq: 13 Apr 2020 16:46

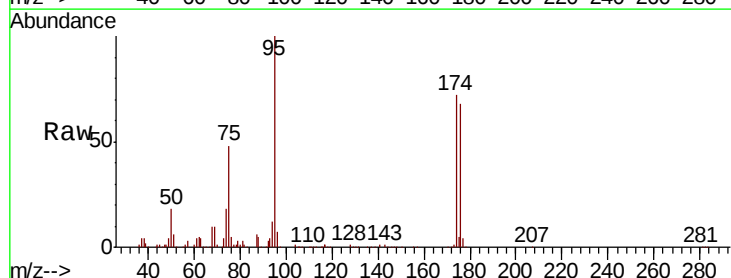
Tgt Ion: 75 Resp: 60959

Ion Ratio Lower Upper

75 100

53 0.0 59.8 89.8#

89 0.2 37.0 55.6#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

