

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011020\
 Data File : VY001157.D
 Acq On : 10 Jan 2020 19:11
 Operator : SY/MD
 Sample : L1054-05
 Misc : 7.94G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-03-3-4

Quant Time: Jan 11 03:07:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

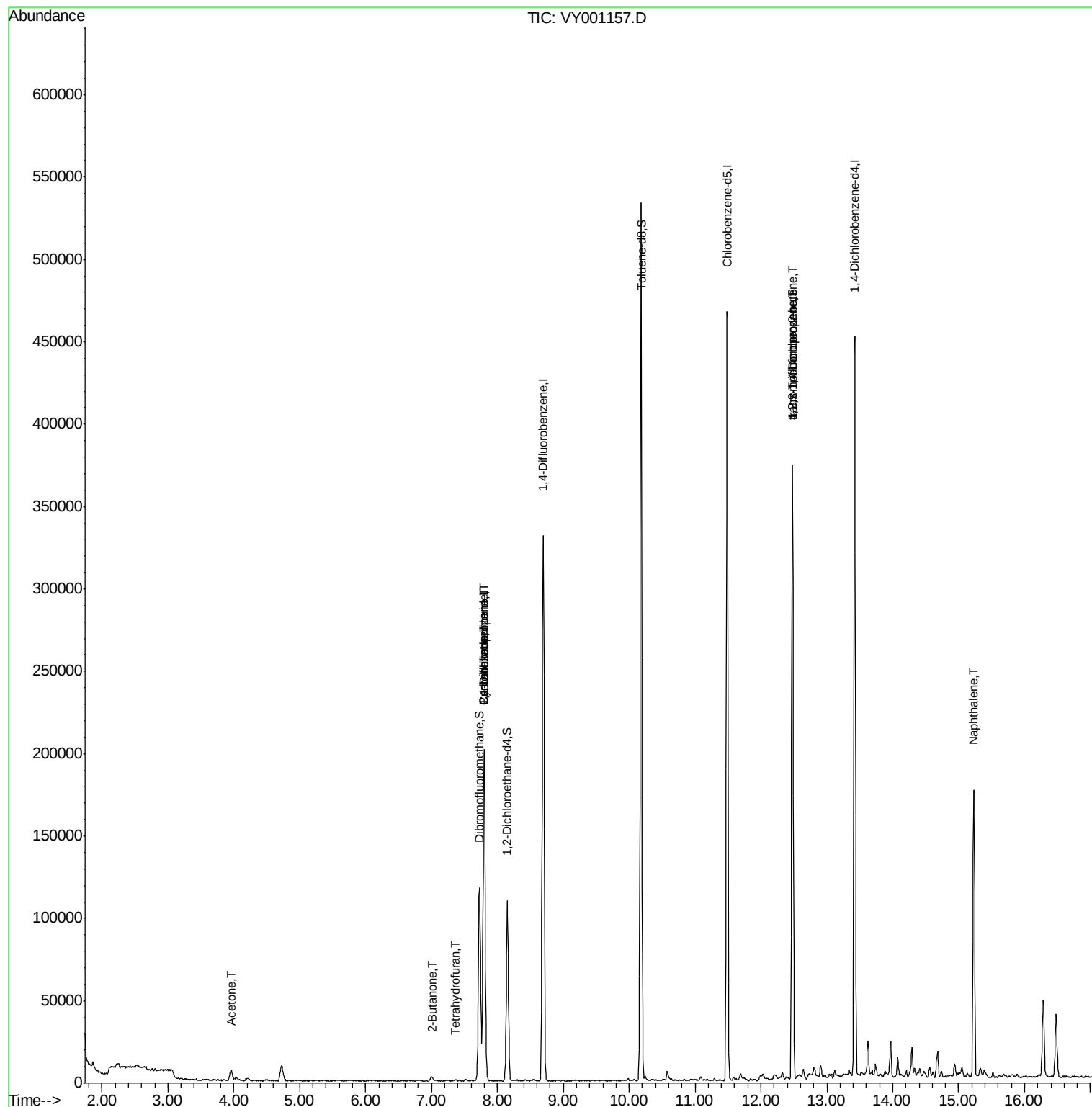
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	159062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	290789	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	262989	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	114538	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	83373	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
35) Dibromofluoromethane	7.73	113	84808	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
50) Toluene-d8	10.18	98	344368	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
62) 4-Bromofluorobenzene	12.48	95	123475	46.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.08%	
Target Compounds						
16) Acetone	3.96	43	11783	30.200	ug/l	96
20) Methylene Chloride	4.72	84	7019	Below Cal		95
25) 2-Butanone	7.01	43	3347	5.512	ug/l	95
29) Tetrahydrofuran	7.35	42	628	1.509	ug/l #	39
31) Cyclohexane	7.80	56	3585	1.103	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	12165	4.590	ug/l #	48
38) Carbon Tetrachloride	7.80	117	15354	6.321	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	58658	47.840	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	58658	81.125	ug/l #	6
95) Naphthalene	15.23	128	145395	28.345	ug/l	99

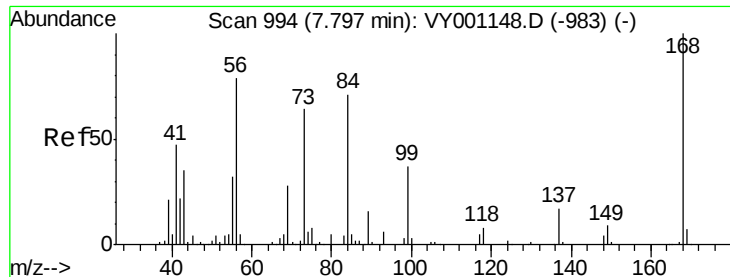
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jan 10 16:01:58 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001157.D

Acq: 10 Jan 2020 19:11

Instrument :

MSVOA_Y

ClientSampleId :

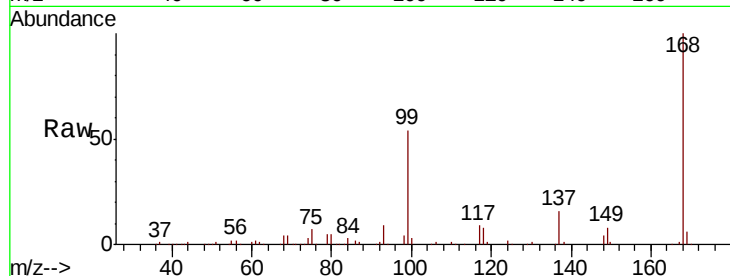
CIY1-SB-03-3-4

Tot Ion:168 Resp: 159062

Ion Ratio Lower Upper

168 100

99 53.6 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)

7.80

80000

60000

40000

20000

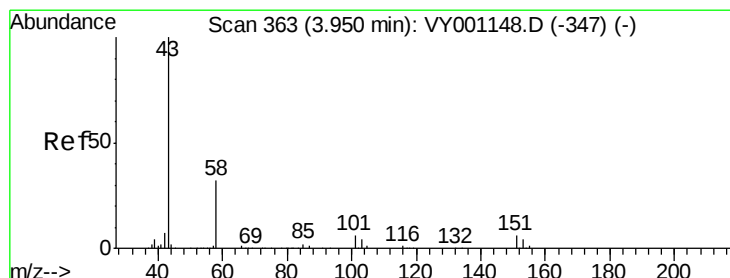
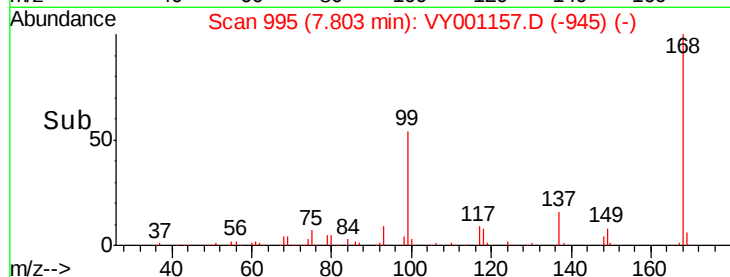
0

Time-->

7.70

7.80

7.90



#16

Acetone

Concen: 30.200 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY001157.D

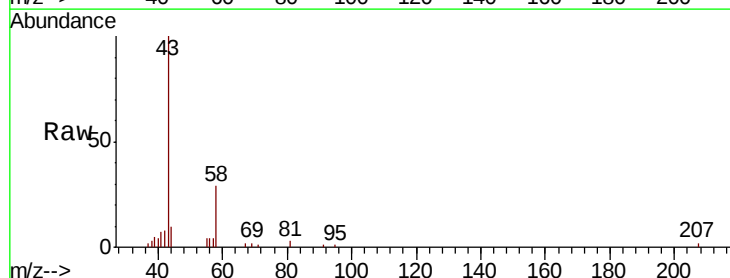
Acq: 10 Jan 2020 19:11

Tgt Ion: 43 Resp: 11783

Ion Ratio Lower Upper

43 100

58 29.7 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY001148.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY001148.D (-347) (-)

3.96

4000

3000

2000

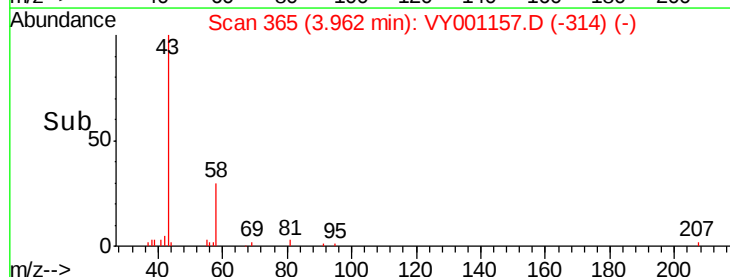
1000

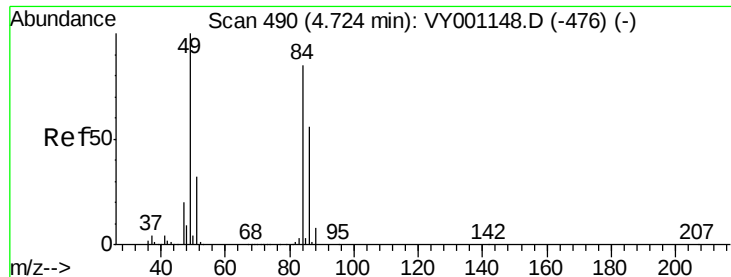
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Time-->

3.90

4.00

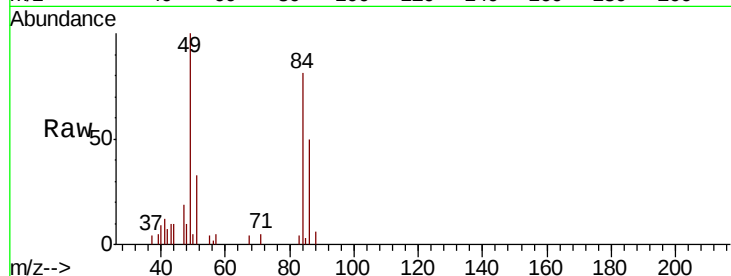




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY001157.D
Acq: 10 Jan 2020 19:11

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-03-3-4

Tot Ion:	84	Resp:	7019
Ion	Ratio	Lower	Upper
84	100		
49	122.9	93.8	140.6
51	40.4	29.9	44.9
86	61.8	52.6	78.8



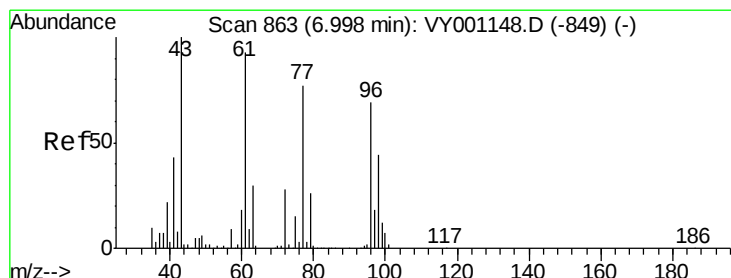
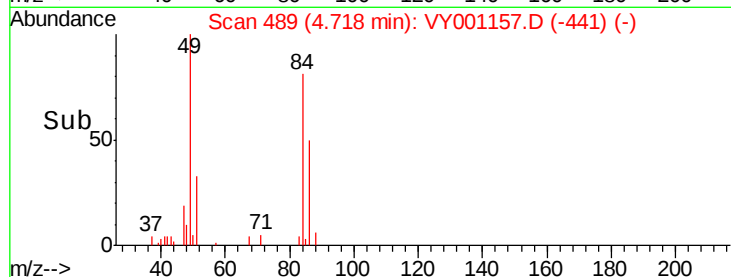
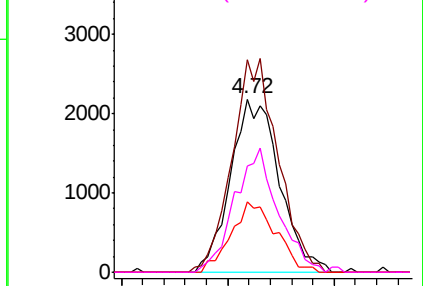
Abundance

Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

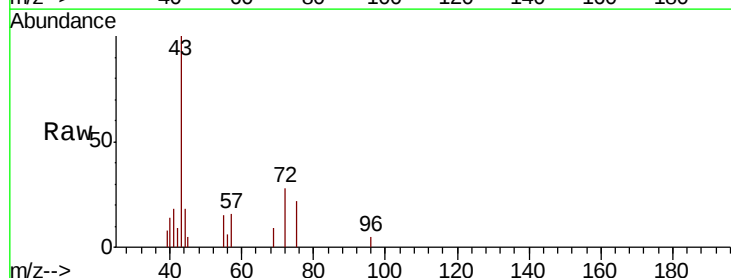
Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0



#25
2-Butanone
Concen: 5.512 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY001157.D
Acq: 10 Jan 2020 19:11

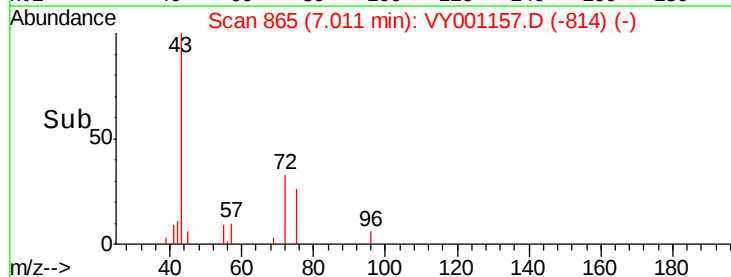
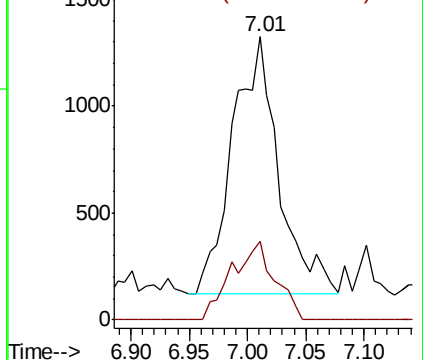
Tgt Ion:	43	Resp:	3347
Ion	Ratio	Lower	Upper
43	100		
72	30.5	22.2	33.2

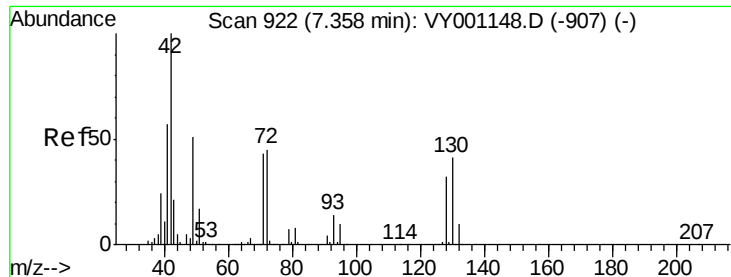


Abundance

Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

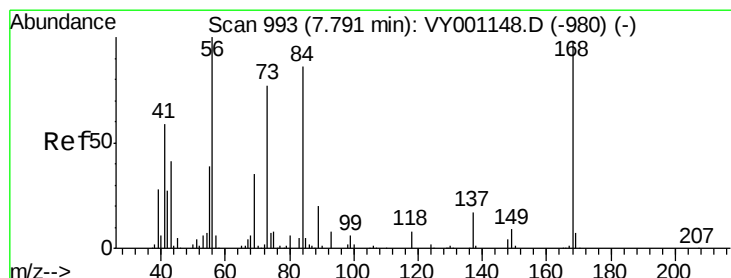
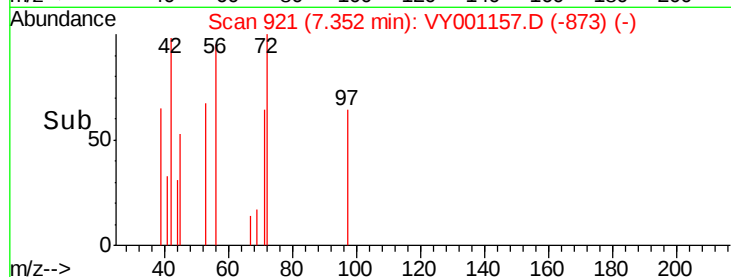
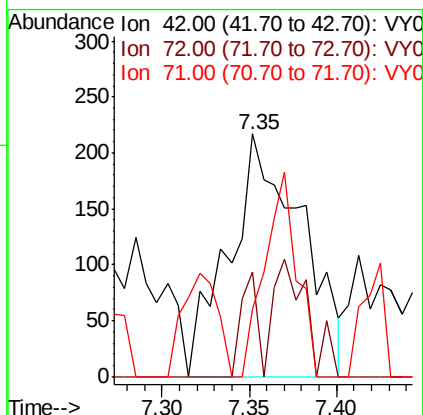
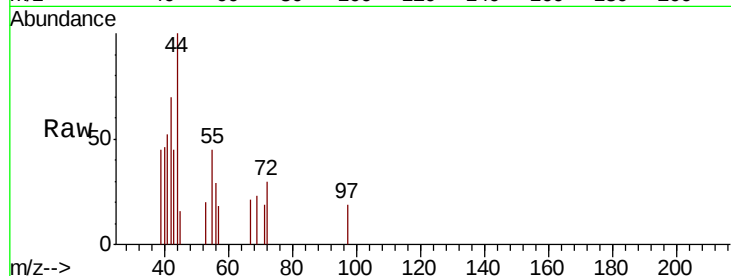




#29
Tetrahydrofuran
Concen: 1.509 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY001157.D
Acq: 10 Jan 2020 19:11

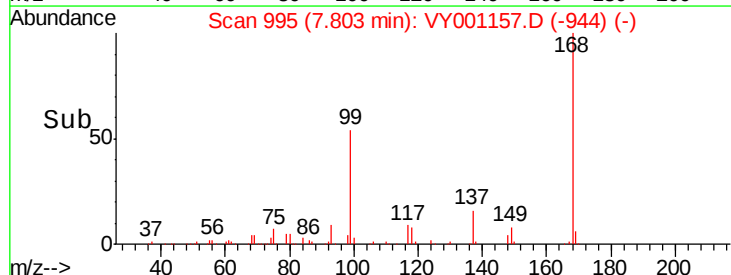
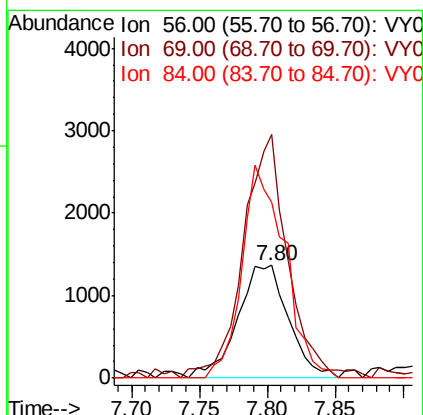
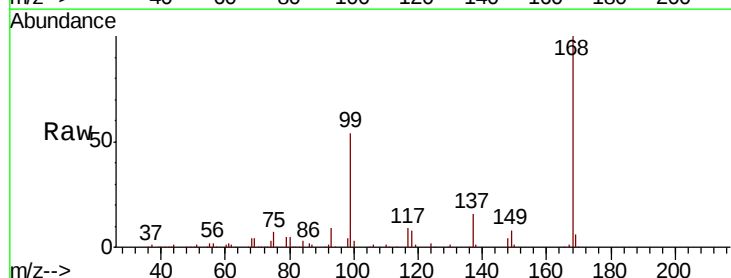
Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-03-3-4

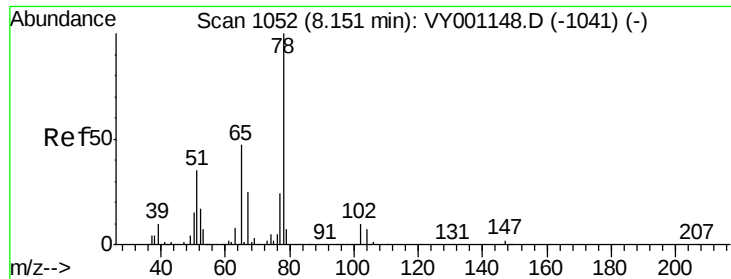
Tot Ion: 42 Resp: 628
Ion Ratio Lower Upper
42 100
72 9.6 36.9 55.3#
71 0.0 34.0 51.0#



#31
Cyclohexane
Concen: 1.103 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY001157.D
Acq: 10 Jan 2020 19:11

Tgt Ion: 56 Resp: 3585
Ion Ratio Lower Upper
56 100
69 209.6 27.8 41.8#
84 156.4 68.9 103.3#

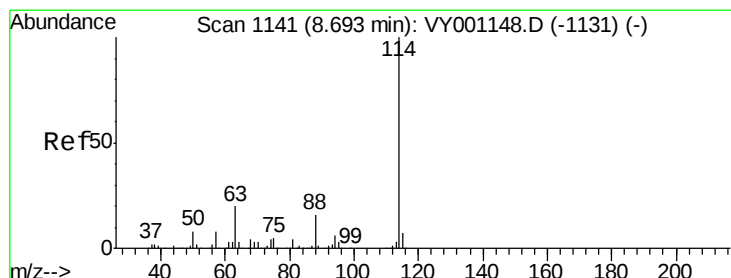
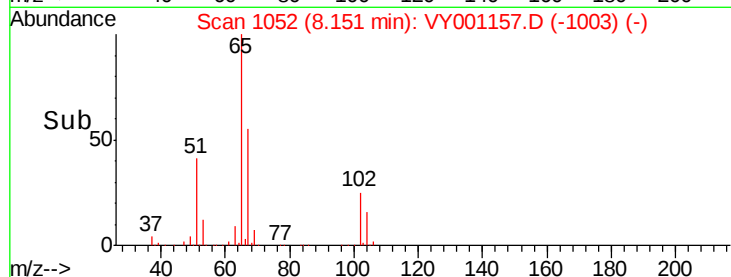
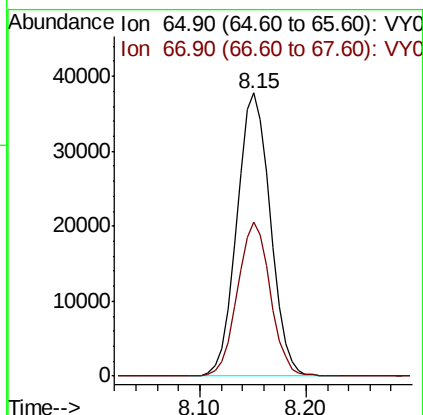
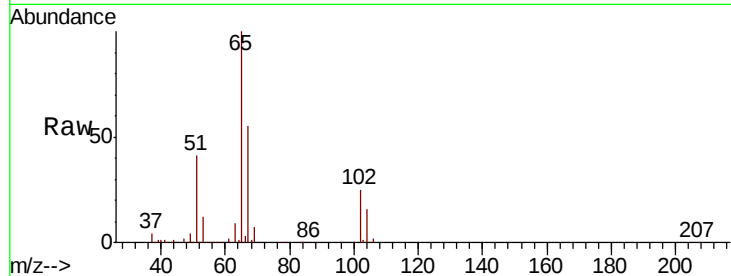




#33
 1,2-Dichloroethane-d4
 Concen: 49.628 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY001157.D
 Acq: 10 Jan 2020 19:11

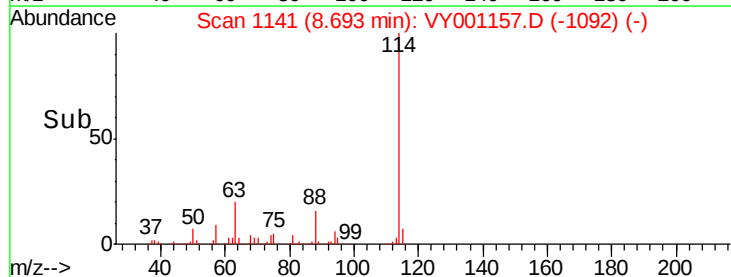
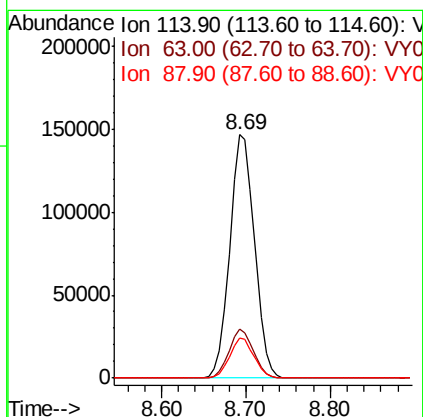
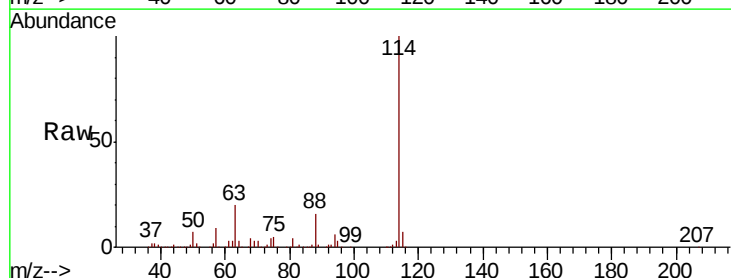
Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-03-3-4

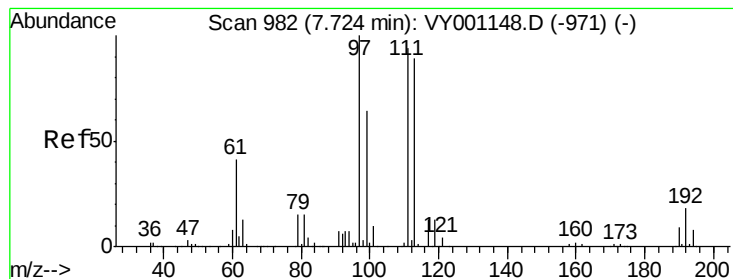
Tot Ion: 65 Resp: 83373
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY001157.D
 Acq: 10 Jan 2020 19:11

Tgt Ion: 114 Resp: 290789
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.8
 88 16.2 0.0 32.4





#35

Dibromofluoromethane

Concen: 49.812 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001157.D

Acq: 10 Jan 2020 19:11

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-03-3-4

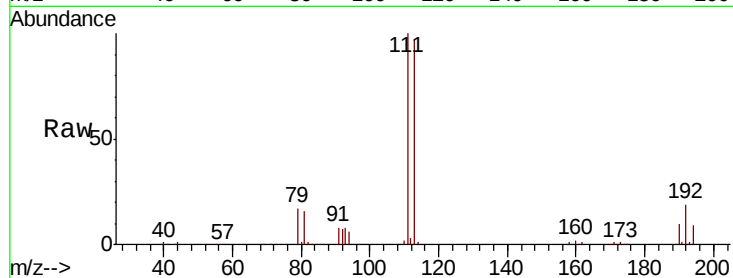
Tot Ion:113 Resp: 84808

Ion Ratio Lower Upper

113 100

111 103.7 82.9 124.3

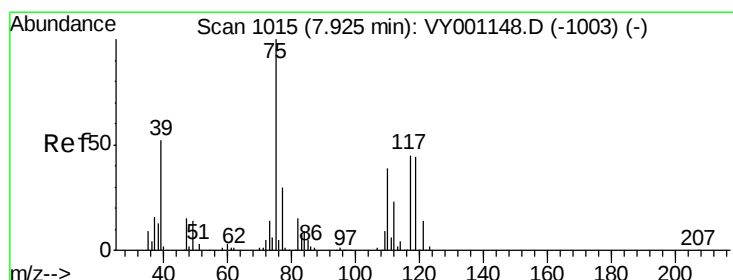
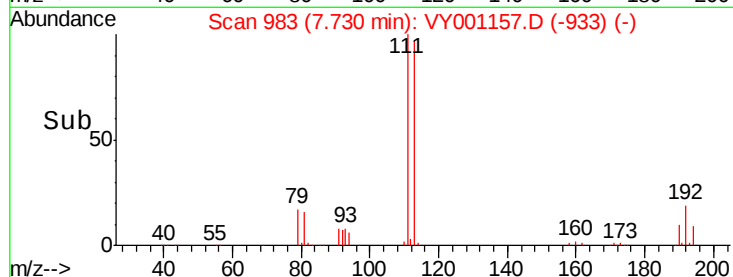
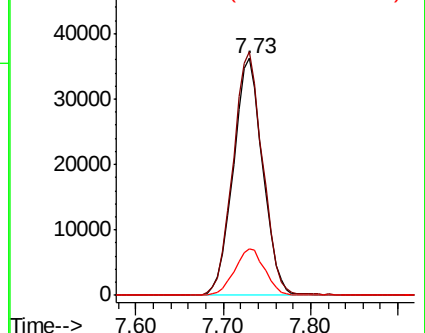
192 20.0 15.4 23.2



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: 4.590 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY001157.D

Acq: 10 Jan 2020 19:11

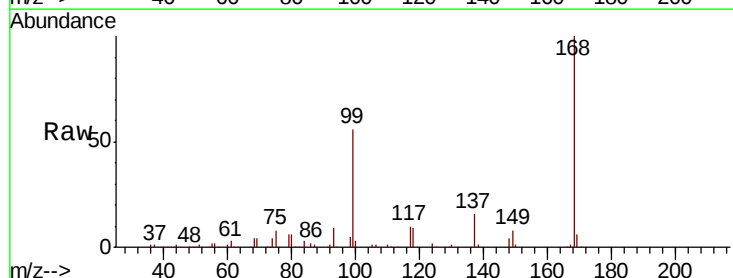
Tgt Ion: 75 Resp: 12165

Ion Ratio Lower Upper

75 100

110 8.0 18.3 54.8#

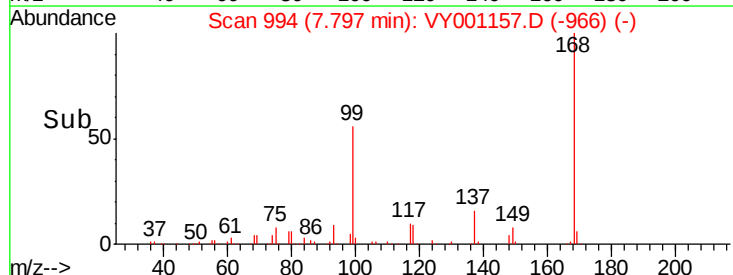
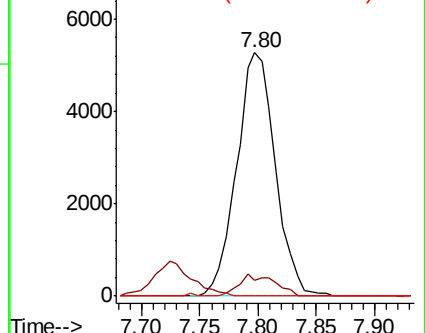
77 0.0 25.1 37.7#

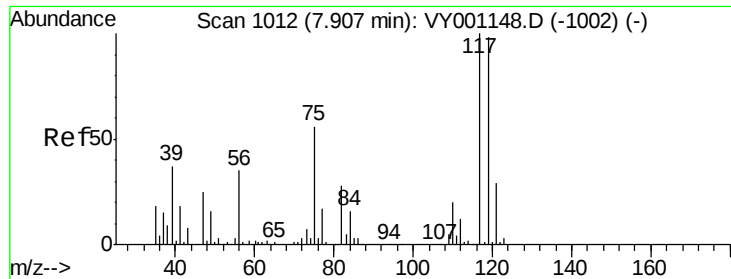


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

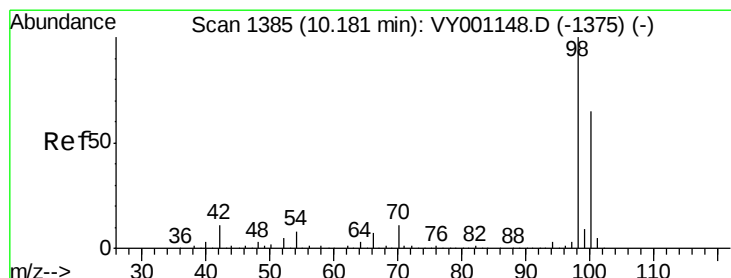
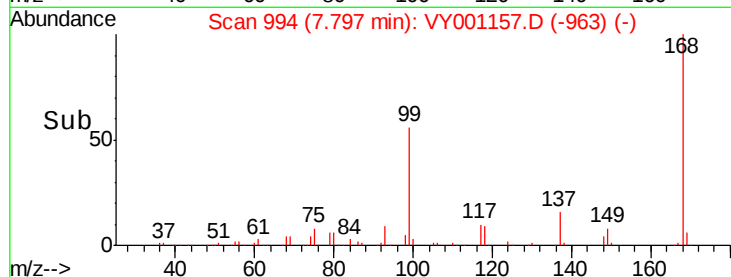
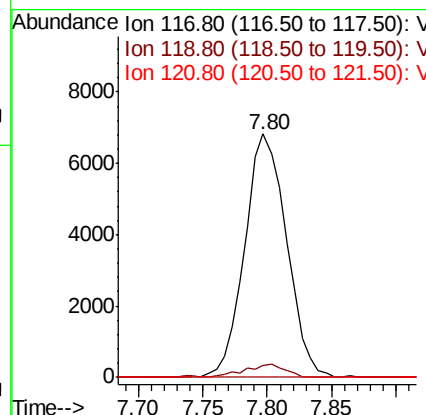
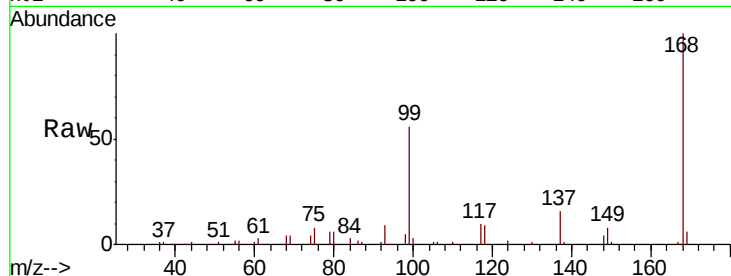




#38
Carbon Tetrachloride
Concen: 6.321 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY001157.D
Acq: 10 Jan 2020 19:11

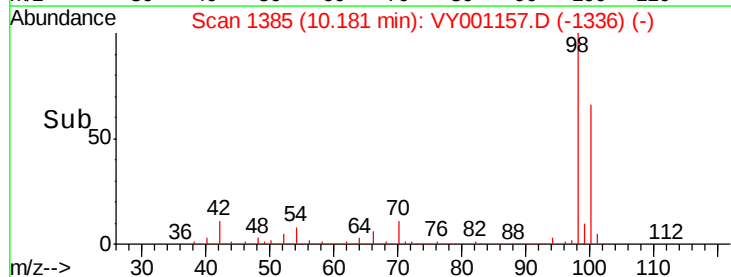
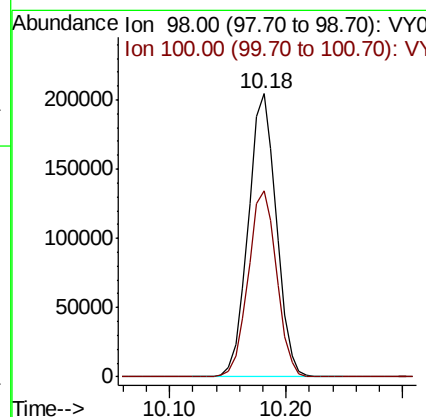
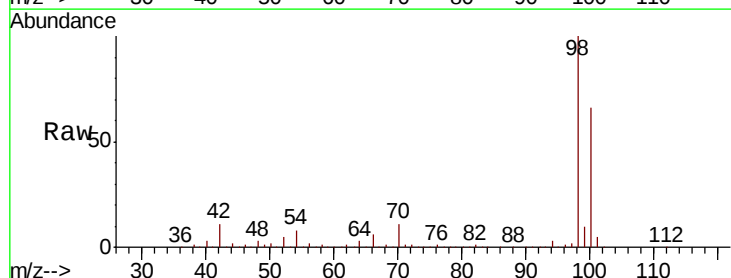
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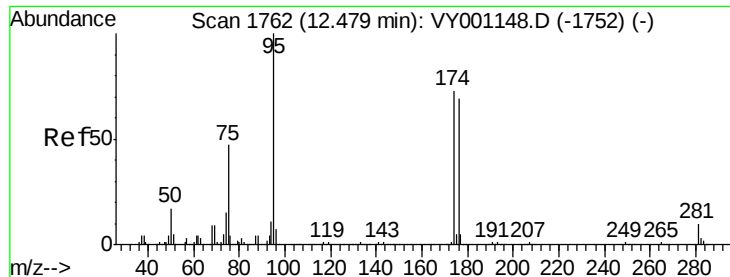
Tot Ion:117 Resp: 15354
Ion Ratio Lower Upper
117 100
119 4.9 78.3 117.5#
121 0.0 23.5 35.3#



#50
Toluene-d8
Concen: 52.493 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY001157.D
Acq: 10 Jan 2020 19:11

Tgt Ion: 98 Resp: 344368
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7

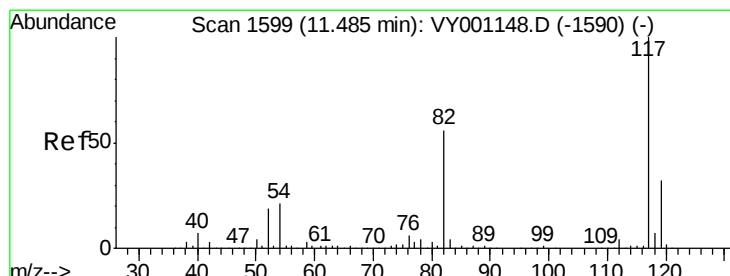
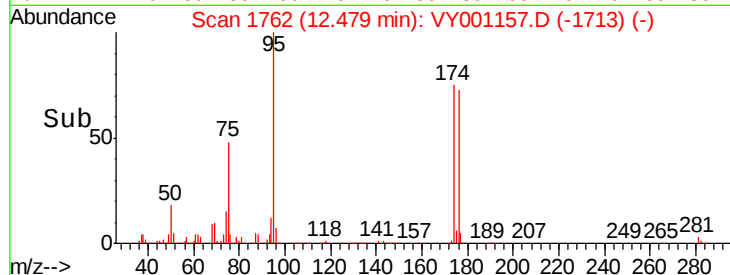
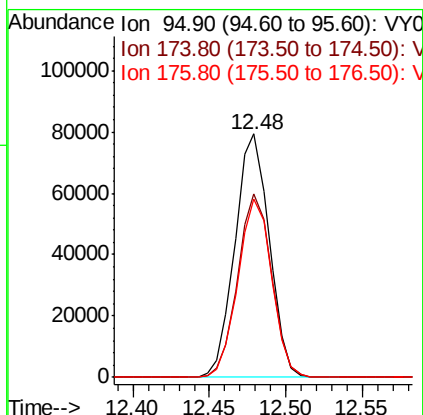
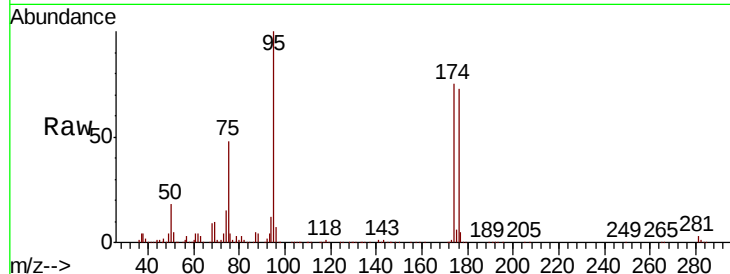




#62
4-Bromofluorobenzene
Concen: 46.038 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY001157.D
Acq: 10 Jan 2020 19:11

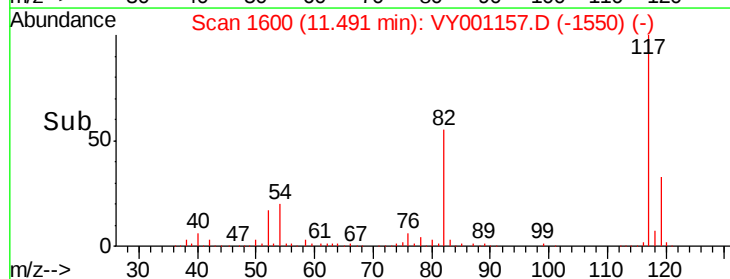
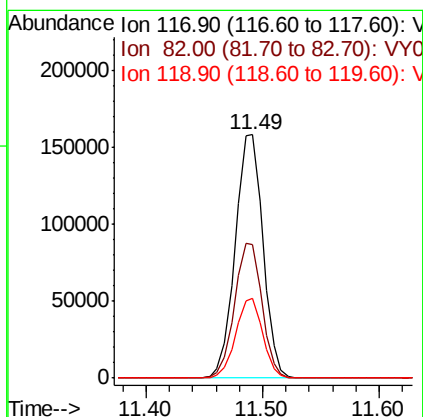
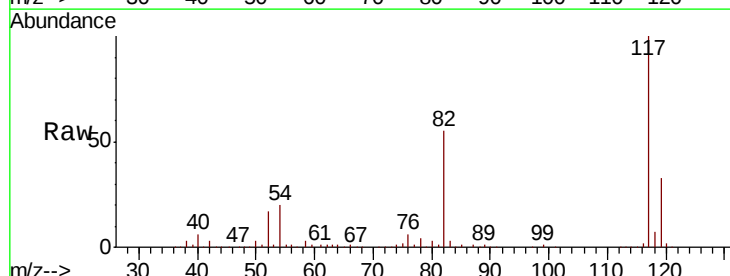
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CIY1-SB-03-3-4

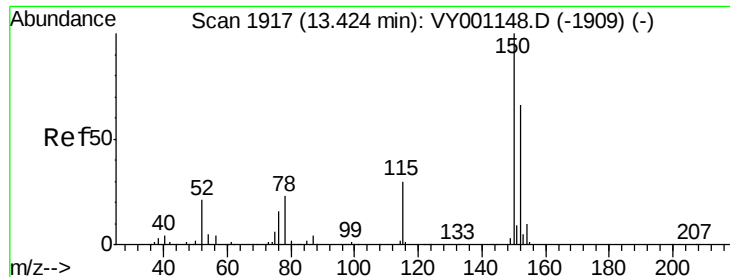
Tot Ion	Ratio	Lower	Upper
95	100		
174	74.4	0.0	143.2
176	72.2	0.0	136.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001157.D
Acq: 10 Jan 2020 19:11

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.9	67.3
119	32.6	25.7	38.5



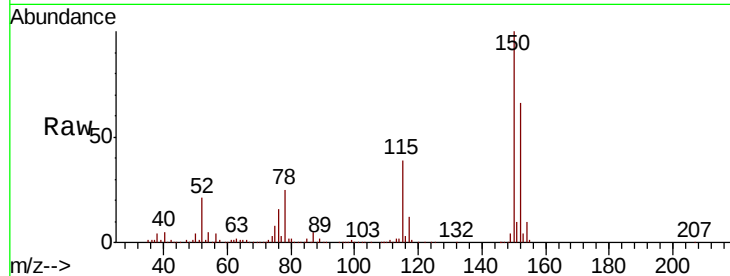


#72

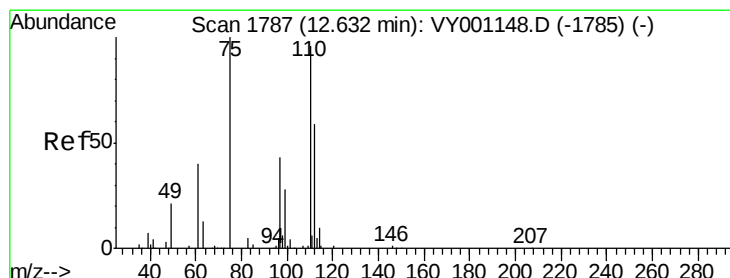
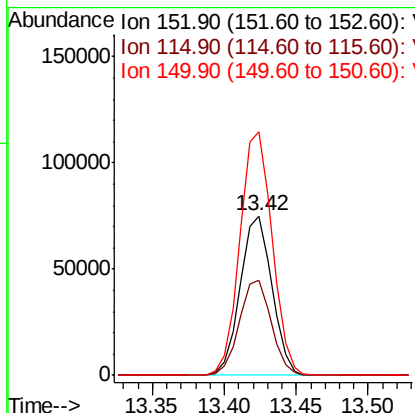
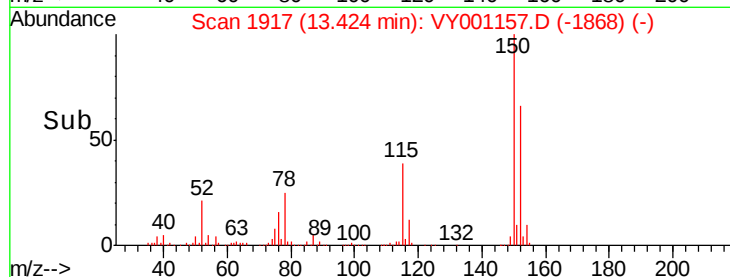
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY001157.D
Acq: 10 Jan 2020 19:11

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-03-3-4

Tot Ion:152 Resp: 114538
Ion Ratio Lower Upper
152 100
115 60.1 30.9 92.5
150 155.1 0.0 346.8



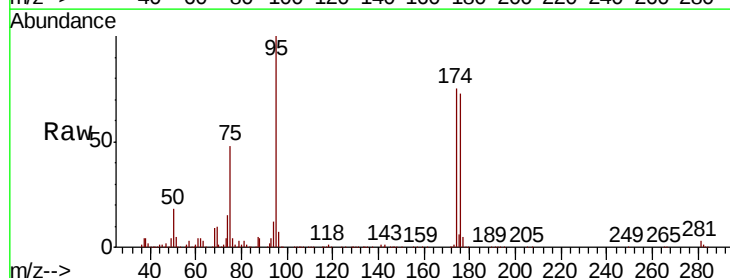
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



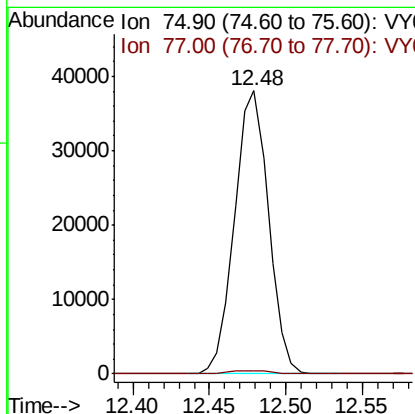
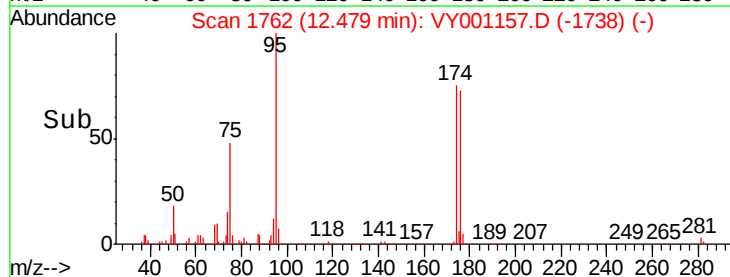
#76

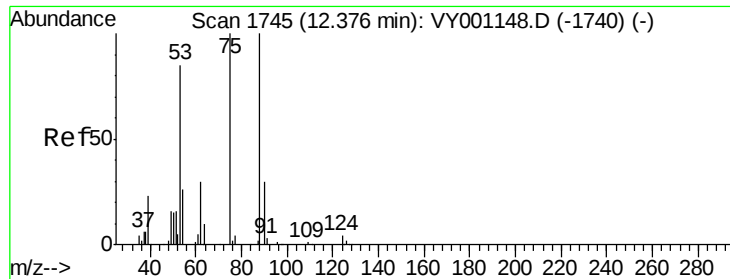
1,2,3-Trichloropropane
Concen: 47.840 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY001157.D
Acq: 10 Jan 2020 19:11

Tgt Ion: 75 Resp: 58658
Ion Ratio Lower Upper
75 100
77 1.4 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: 81.125 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY001157.D

Acq: 10 Jan 2020 19:11

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-03-3-4

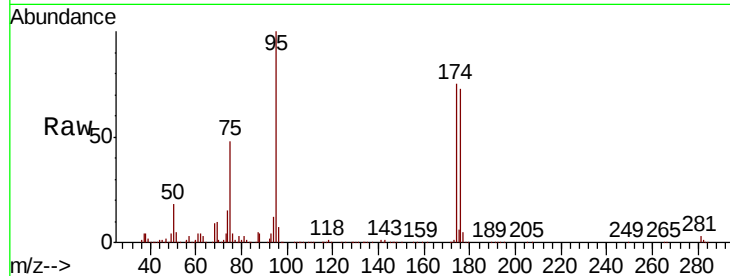
Tot Ion: 75 Resp: 58658

Ion Ratio Lower Upper

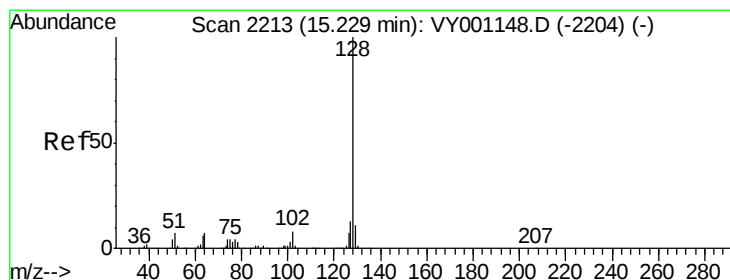
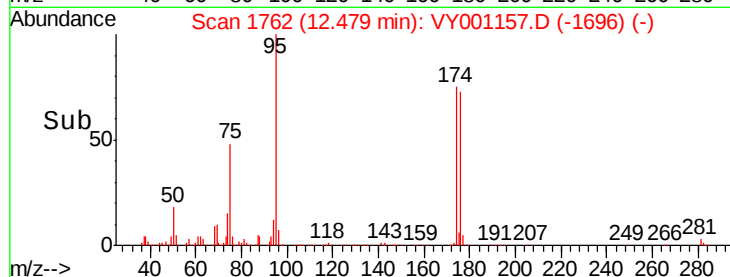
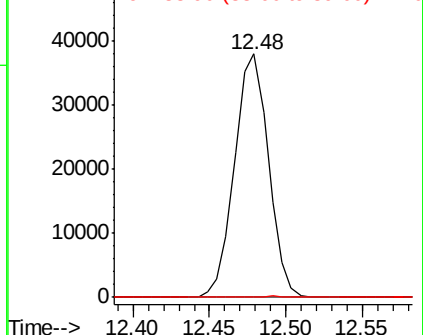
75 100

53 0.2 69.4 104.2#

89 0.0 0.0 0.0



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



#95

Naphthalene

Concen: 28.345 ug/l

RT: 15.23 min Scan# 2213

Delta R.T. -0.00 min

Lab File: VY001157.D

Acq: 10 Jan 2020 19:11

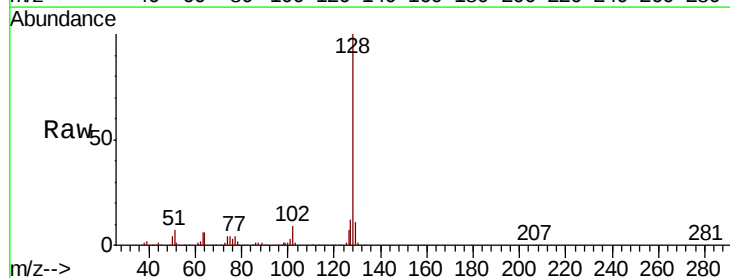
Tgt Ion: 128 Resp: 145395

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

129 10.8 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

