

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011020\
 Data File : VY001156.D
 Acq On : 10 Jan 2020 18:49
 Operator : SY/MD
 Sample : L1054-04
 Misc : 8.63G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-03-0-2

Quant Time: Jan 11 03:07:45 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

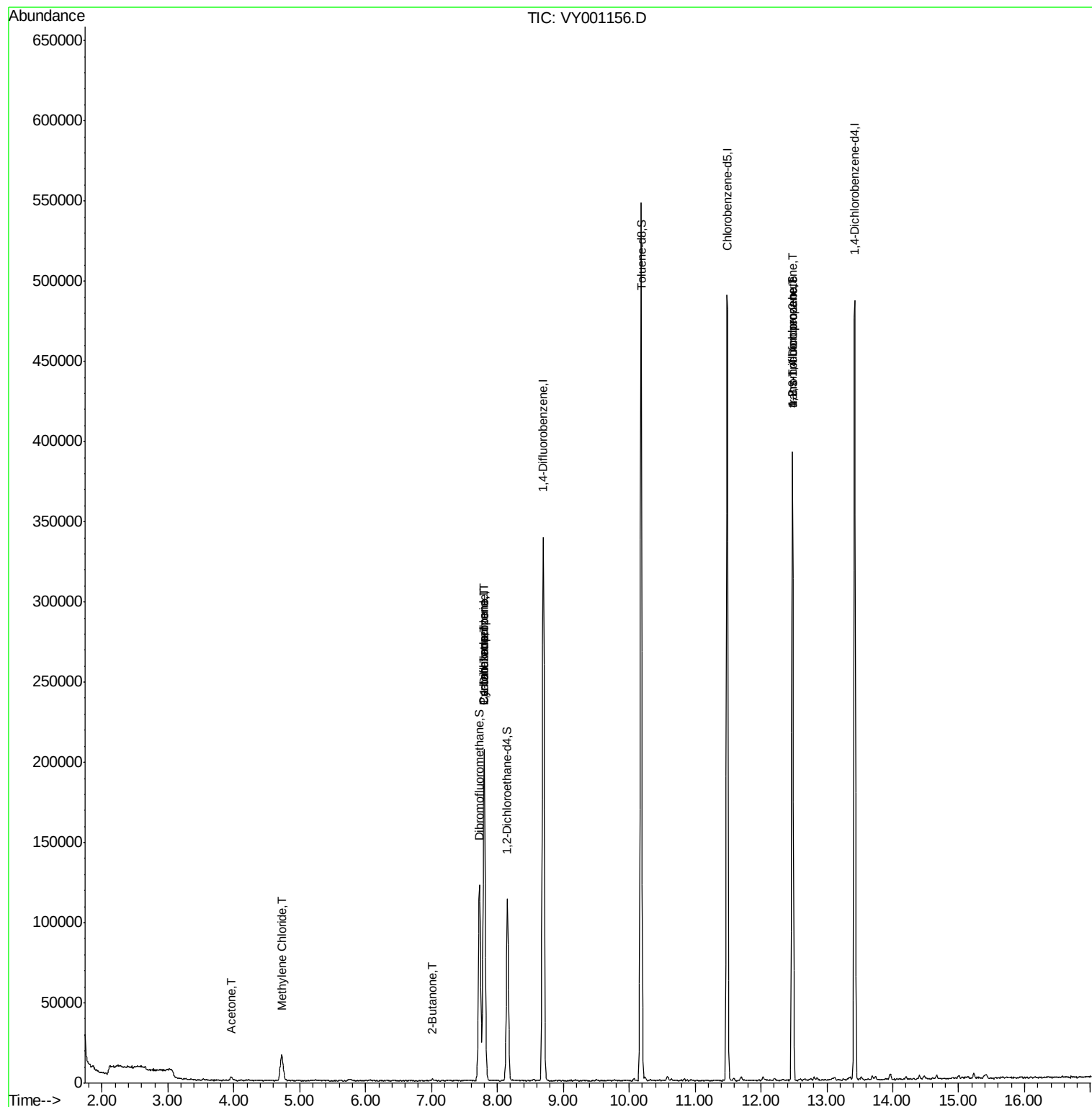
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	163888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	297200	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	272459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	123930	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	85698	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
35) Dibromofluoromethane	7.73	113	88402	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
50) Toluene-d8	10.18	98	351217	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	
62) 4-Bromofluorobenzene	12.48	95	131805	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
Target Compounds						
16) Acetone	3.97	43	3549	8.828	ug/l	90
20) Methylene Chloride	4.72	84	13293	1.768	ug/l	93
25) 2-Butanone	7.02	43	640	1.023	ug/l	99
31) Cyclohexane	7.80	56	3502	1.046	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	12401	4.578	ug/l #	48
38) Carbon Tetrachloride	7.80	117	15827	6.375	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	63111	47.571	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	63111	80.669	ug/l #	6

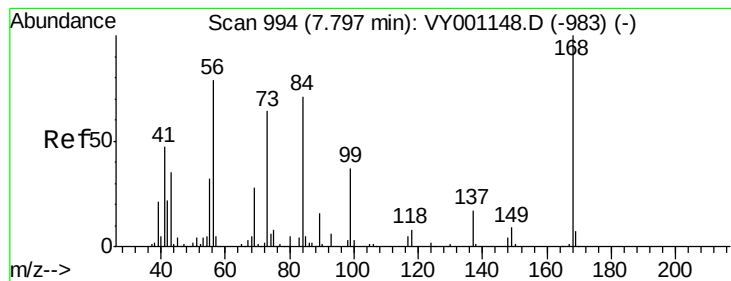
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY011020\
Data File : VY001156.D
Acq On : 10 Jan 2020 18:49
Operator : SY/MD
Sample : L1054-04
Misc : 8.63G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-03-0-2

Quant Time: Jan 11 03:07:45 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
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: VY001156.D

Acq: 10 Jan 2020 18:49

Instrument :

MSVOA_Y

ClientSampleId :

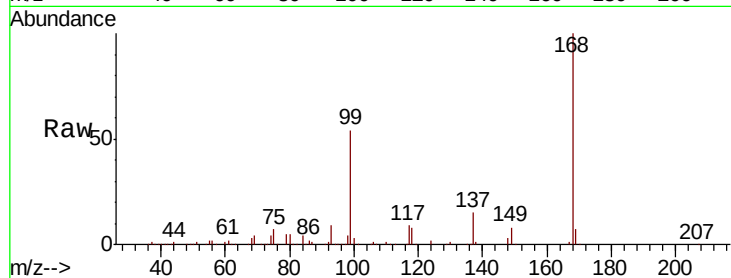
CIY1-SB-03-0-2

Tot Ion:168 Resp: 163888

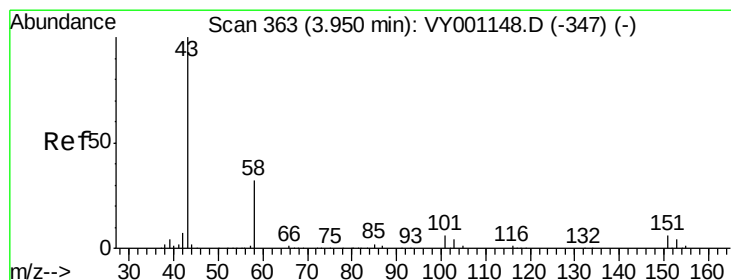
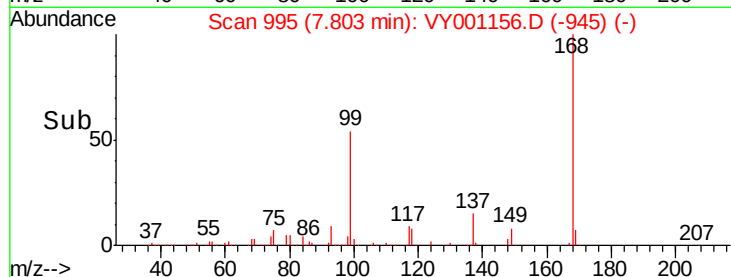
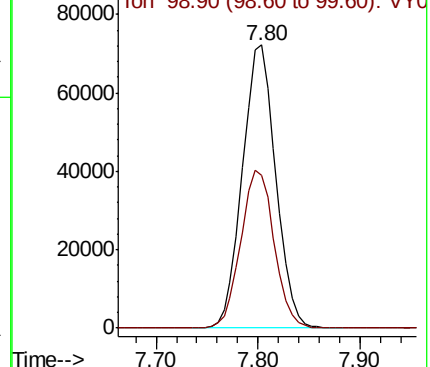
Ion Ratio Lower Upper

168 100

99 54.1 47.9 71.9



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



#16

Acetone

Concen: 8.828 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.02 min

Lab File: VY001156.D

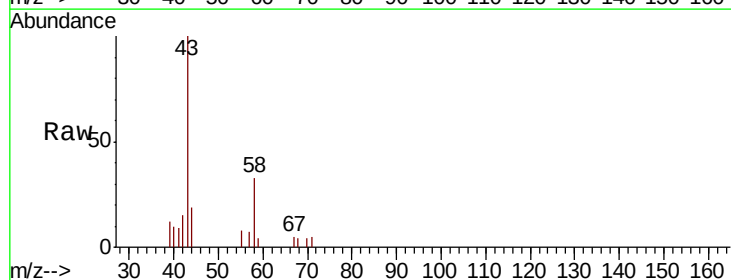
Acq: 10 Jan 2020 18:49

Tgt Ion: 43 Resp: 3549

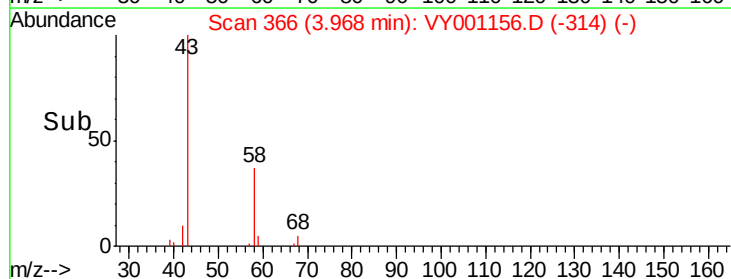
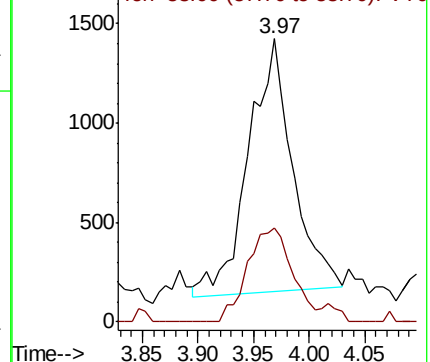
Ion Ratio Lower Upper

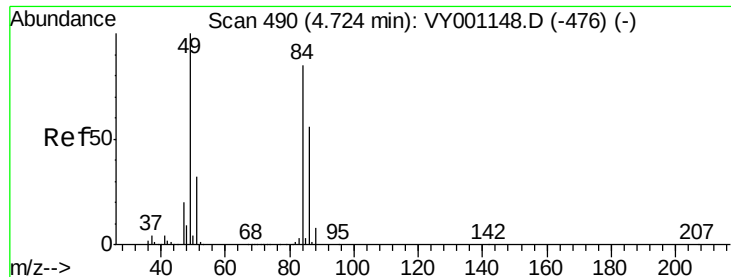
43 100

58 37.6 25.8 38.6



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

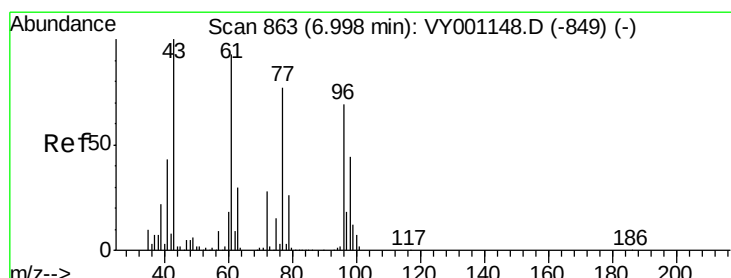
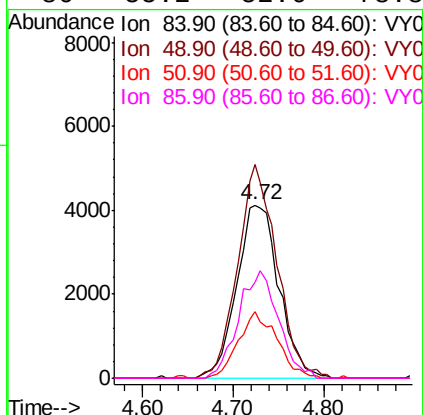
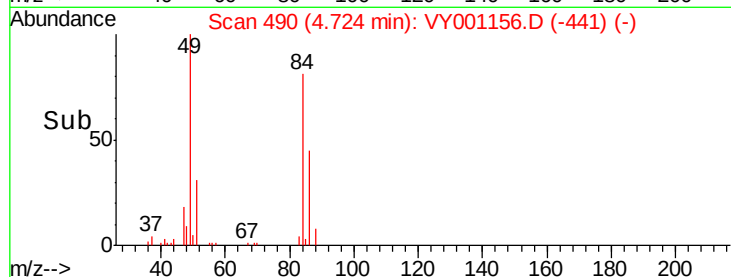
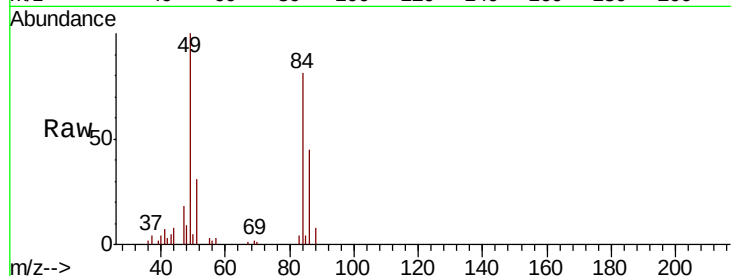




#20
Methylene Chloride
Concen: 1.768 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY001156.D
Acq: 10 Jan 2020 18:49

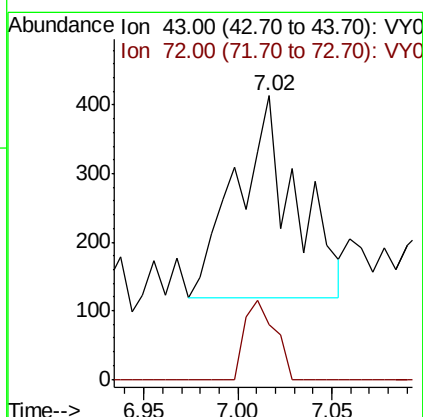
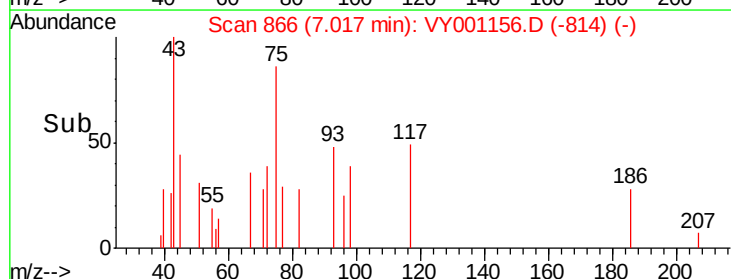
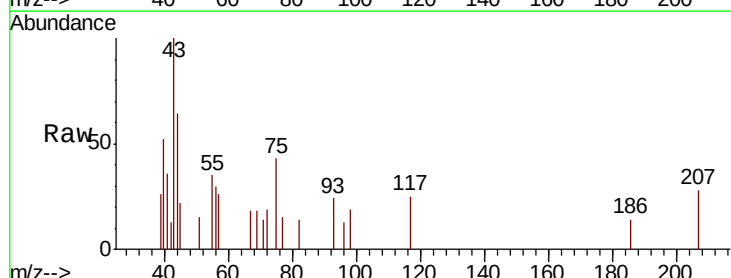
Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-03-0-2

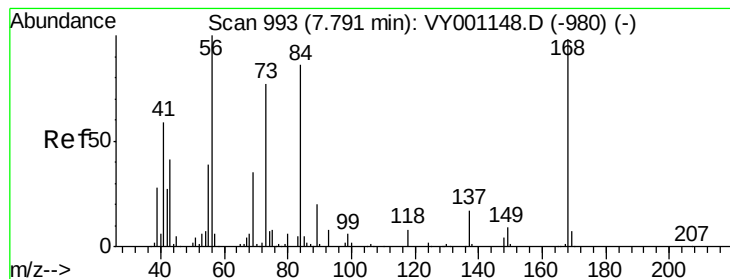
Tot Ion:	84	Resp:	13293
Ion	Ratio	Lower	Upper
84	100		
49	123.2	93.8	140.6
51	38.3	29.9	44.9
86	55.2	52.6	78.8



#25
2-Butanone
Concen: 1.023 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.02 min
Lab File: VY001156.D
Acq: 10 Jan 2020 18:49

Tgt Ion:	43	Resp:	640
Ion	Ratio	Lower	Upper
43	100		
72	27.2	22.2	33.2





#31

Cyclohexane

Concen: 1.046 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY001156.D

Acq: 10 Jan 2020 18:49

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-03-0-2

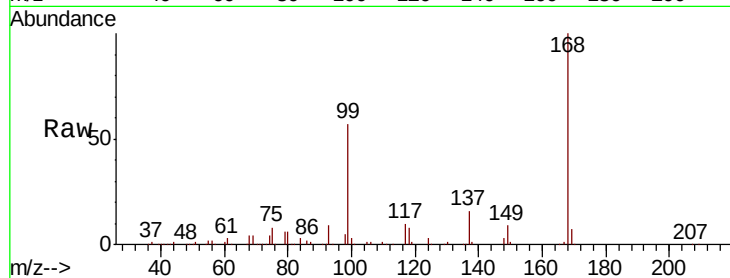
Tot Ion: 56 Resp: 3502

Ion Ratio Lower Upper

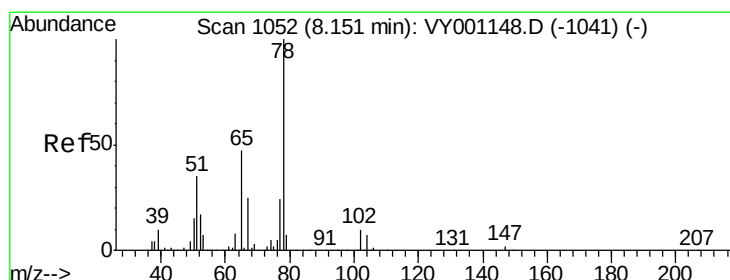
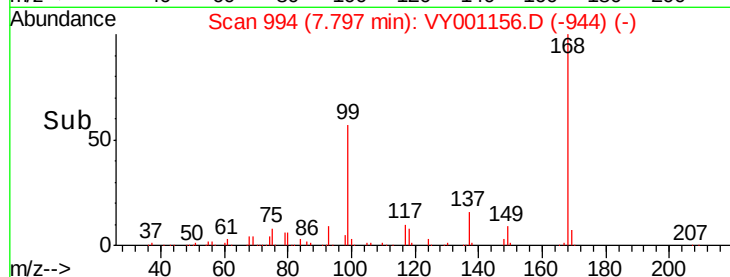
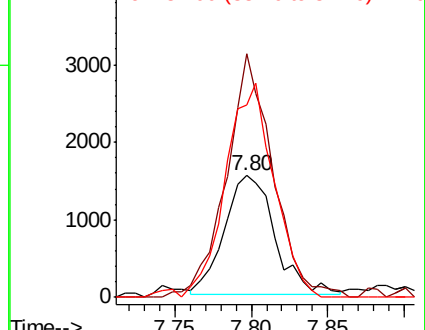
56 100

69 204.9 27.8 41.8#

84 166.0 68.9 103.3#



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 49.509 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY001156.D

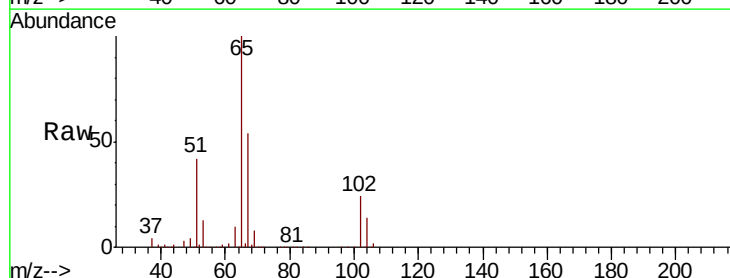
Acq: 10 Jan 2020 18:49

Tgt Ion: 65 Resp: 85698

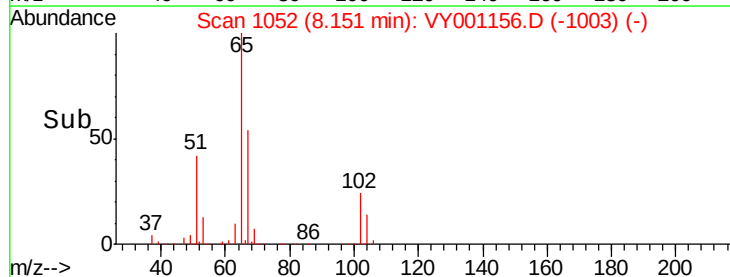
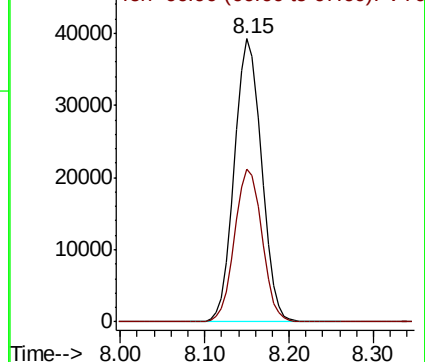
Ion Ratio Lower Upper

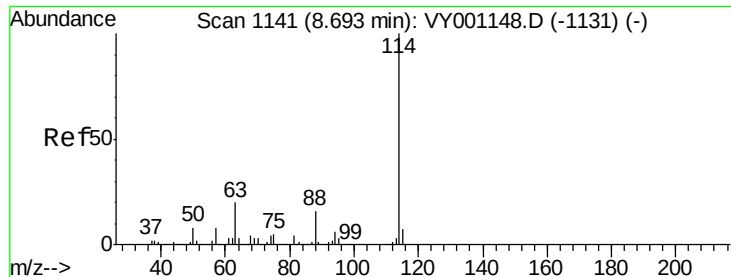
65 100

67 54.8 0.0 105.2



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

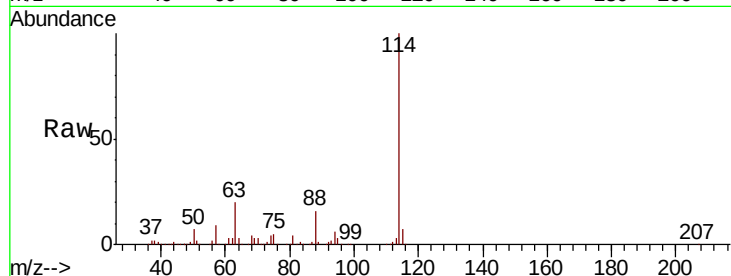




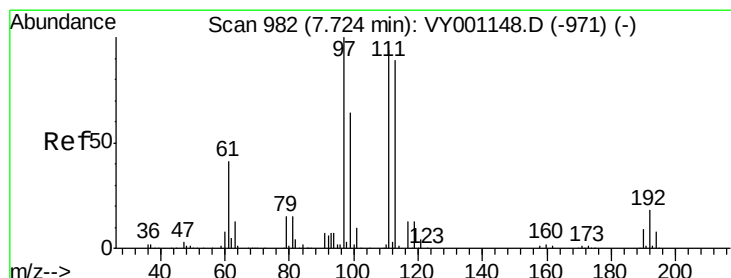
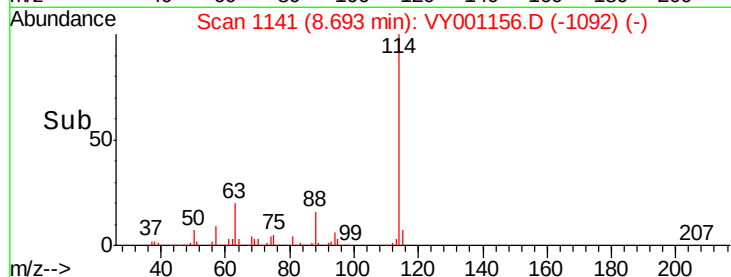
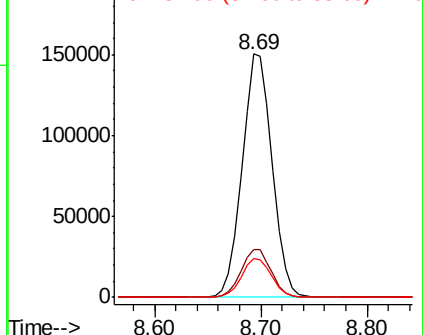
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY001156.D
 Acq: 10 Jan 2020 18:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-03-0-2

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	40.8
88	15.9	0.0	32.4

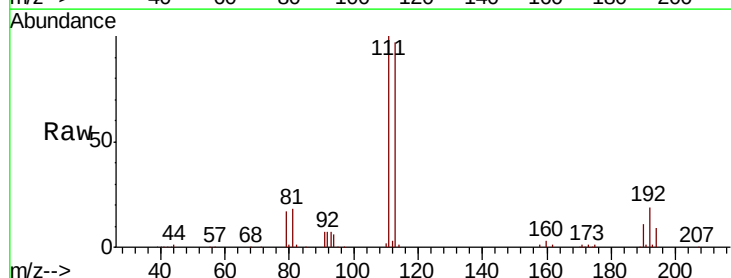


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

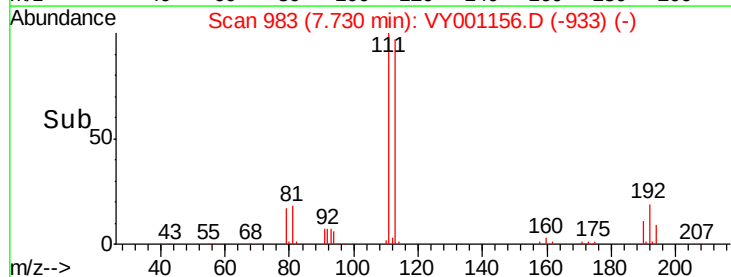
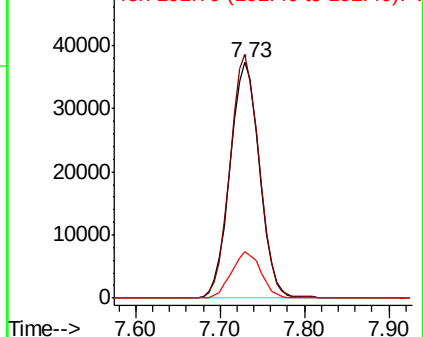


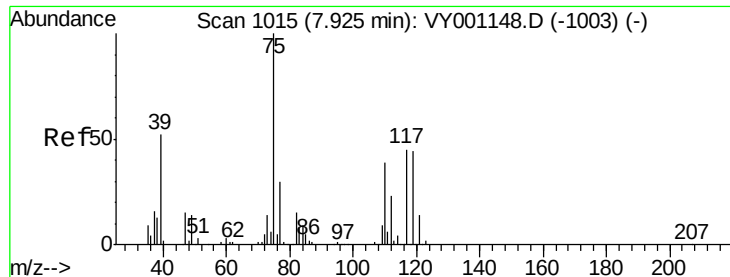
#35
 Dibromofluoromethane
 Concen: 50.803 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY001156.D
 Acq: 10 Jan 2020 18:49

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.9	124.3
192	19.6	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: 4.578 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY001156.D

Acq: 10 Jan 2020 18:49

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-03-0-2

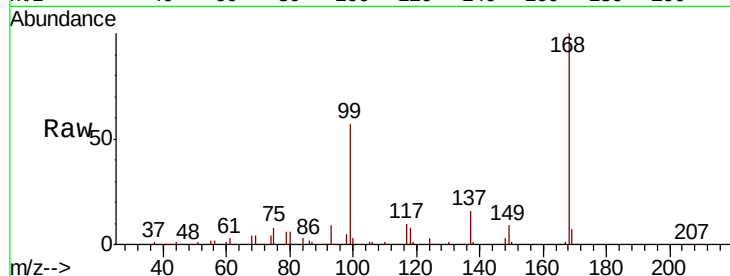
Tot Ion: 75 Resp: 12401

Ion Ratio Lower Upper

75 100

110 8.5 18.3 54.8#

77 0.0 25.1 37.7#

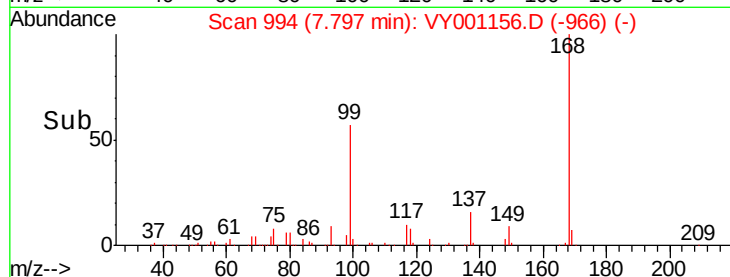


Abundance Ion 74.90 (74.60 to 75.60): VY001148.D (-1003) (-)

Ion 109.90 (109.60 to 110.60): VY001148.D (-1003) (-)

Ion 76.90 (76.60 to 77.60): VY001148.D (-1003) (-)

Time-->

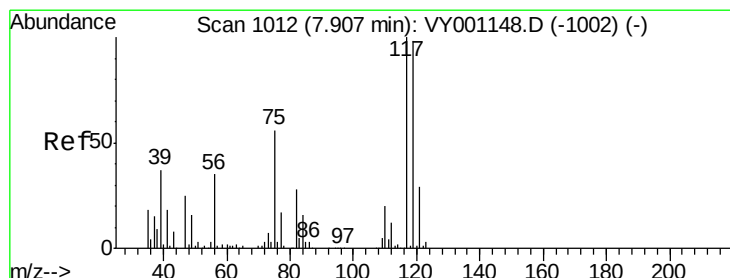


Abundance Ion 74.90 (74.60 to 75.60): VY001156.D (-966) (-)

Ion 109.90 (109.60 to 110.60): VY001156.D (-966) (-)

Ion 76.90 (76.60 to 77.60): VY001156.D (-966) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 6.375 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY001156.D

Acq: 10 Jan 2020 18:49

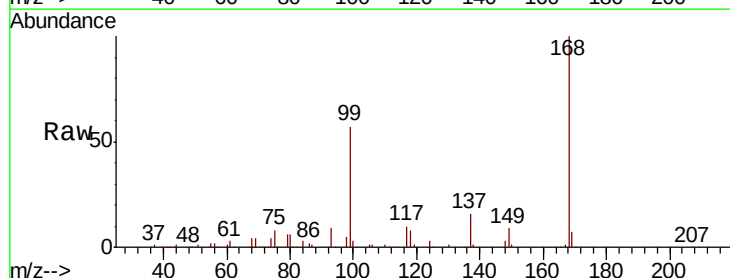
Tgt Ion: 117 Resp: 15827

Ion Ratio Lower Upper

117 100

119 6.3 78.3 117.5#

121 0.0 23.5 35.3#

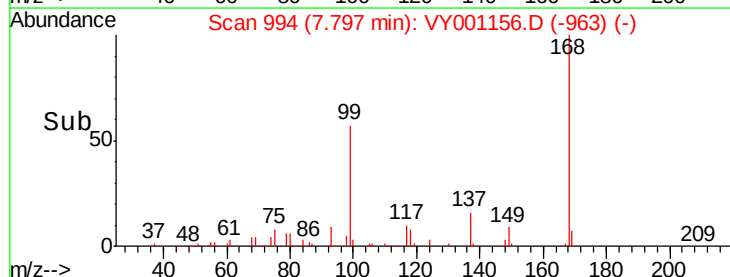


Abundance Ion 116.80 (116.50 to 117.50): VY001148.D (-1002) (-)

Ion 118.80 (118.50 to 119.50): VY001148.D (-1002) (-)

Ion 120.80 (120.50 to 121.50): VY001148.D (-1002) (-)

Time-->

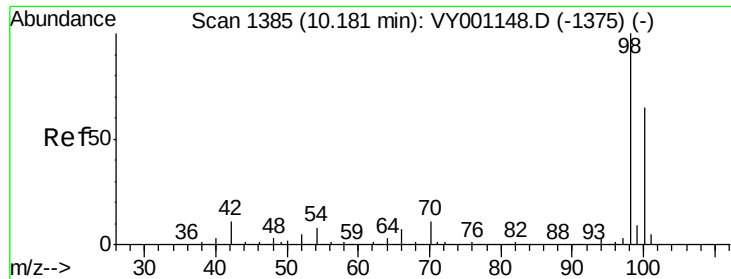


Abundance Ion 116.80 (116.50 to 117.50): VY001156.D (-963) (-)

Ion 118.80 (118.50 to 119.50): VY001156.D (-963) (-)

Ion 120.80 (120.50 to 121.50): VY001156.D (-963) (-)

Time-->



#50

Toluene-d8

Concen: 52.382 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY001156.D

Acq: 10 Jan 2020 18:49

Instrument :

MSVOA_Y

ClientSampleId :

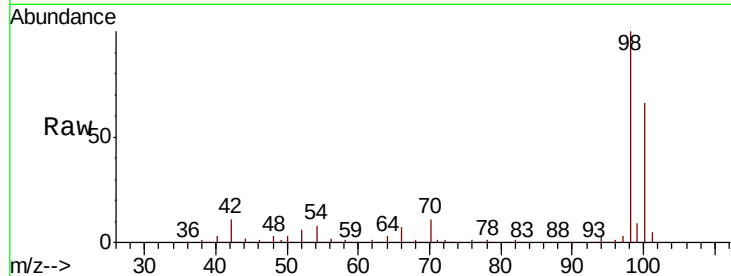
CIY1-SB-03-0-2

Tot Ion: 98 Resp: 351217

Ion Ratio Lower Upper

98 100

100 66.8 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY001148.D (-1375) (-)

Ion 100.00 (99.70 to 100.70): VY001148.D (-1375) (-)

10.18

250000

200000

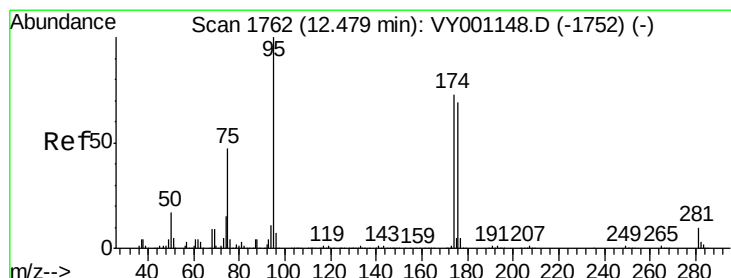
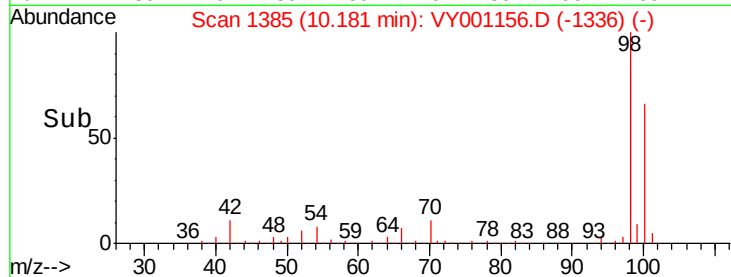
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.084 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY001156.D

Acq: 10 Jan 2020 18:49

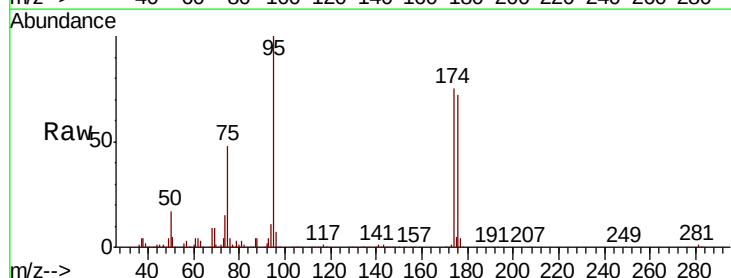
Tgt Ion: 95 Resp: 131805

Ion Ratio Lower Upper

95 100

174 74.5 0.0 143.2

176 71.2 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VY001148.D (-1752) (-)

Ion 173.80 (173.50 to 174.50): VY001148.D (-1752) (-)

Ion 175.80 (175.50 to 176.50): VY001148.D (-1752) (-)

12.48

100000

80000

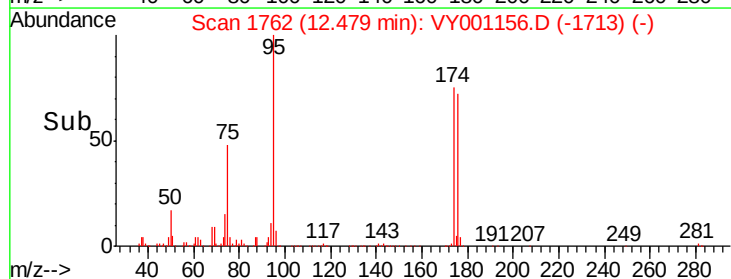
60000

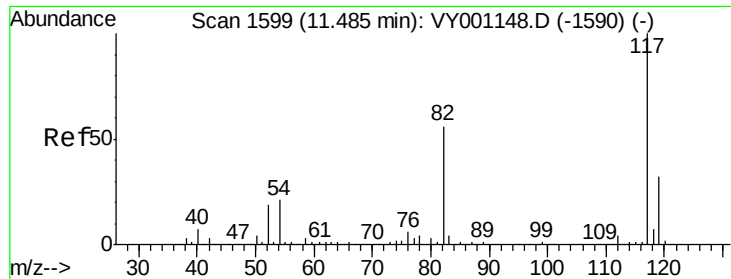
40000

20000

0

Time-->

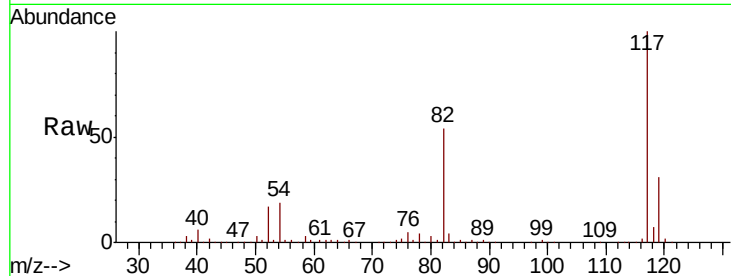




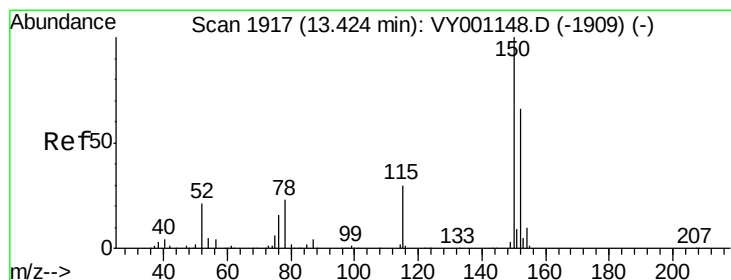
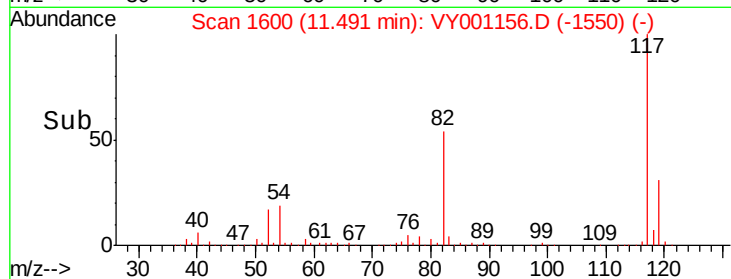
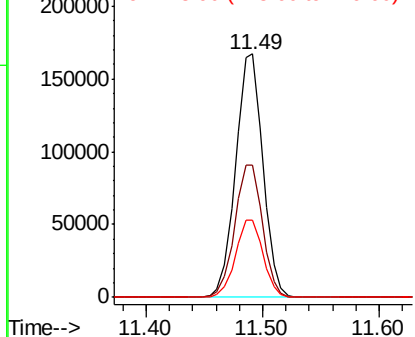
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001156.D
Acq: 10 Jan 2020 18:49

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-03-0-2

Tot Ion:117 Resp: 272459
Ion Ratio Lower Upper
117 100
82 54.4 44.9 67.3
119 31.5 25.7 38.5

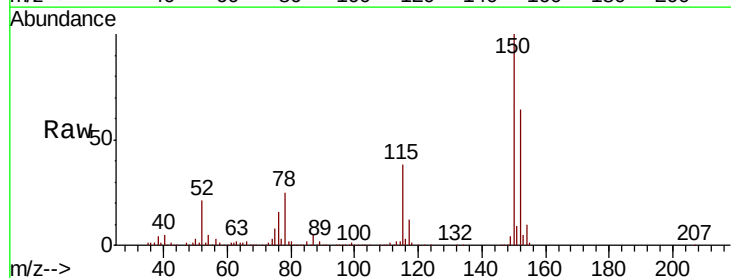


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

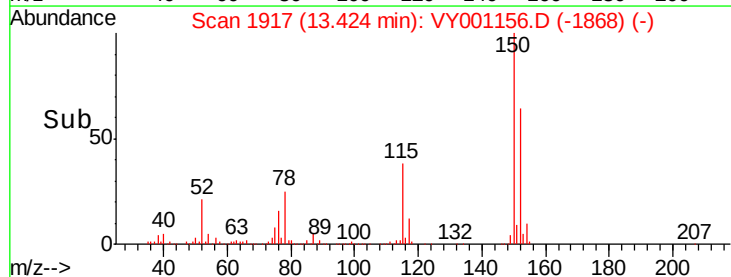
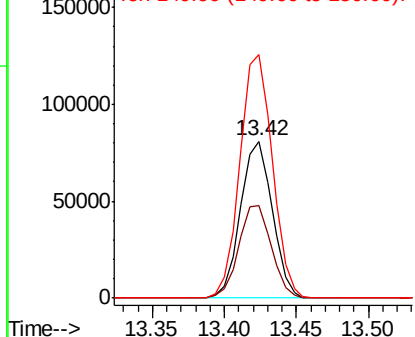


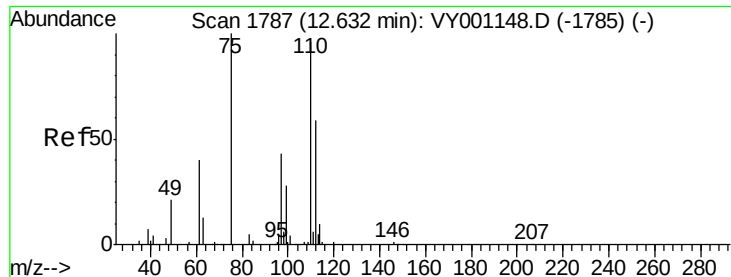
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY001156.D
Acq: 10 Jan 2020 18:49

Tgt Ion:152 Resp: 123930
Ion Ratio Lower Upper
152 100
115 60.7 30.9 92.5
150 158.8 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: 47.571 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY001156.D

Acq: 10 Jan 2020 18:49

Instrument :

MSVOA_Y

ClientSampleId :

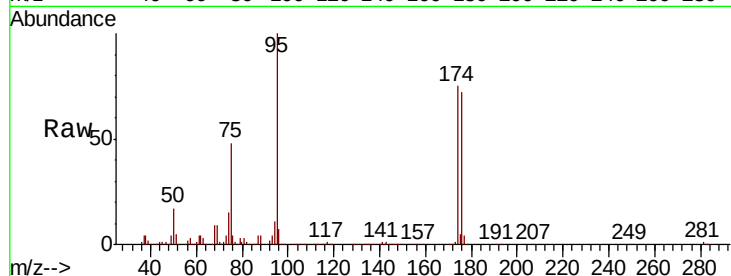
CIY1-SB-03-0-2

Tot Ion: 75 Resp: 63111

Ion Ratio Lower Upper

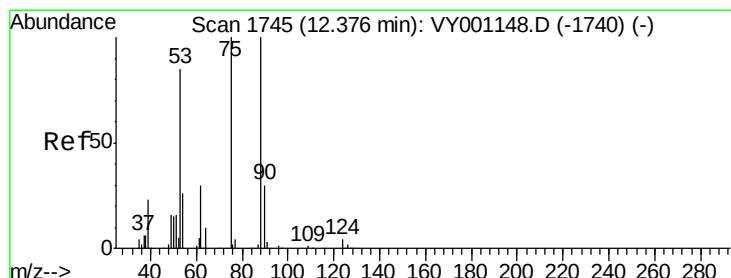
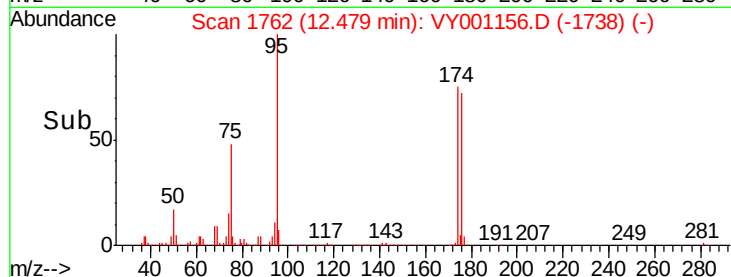
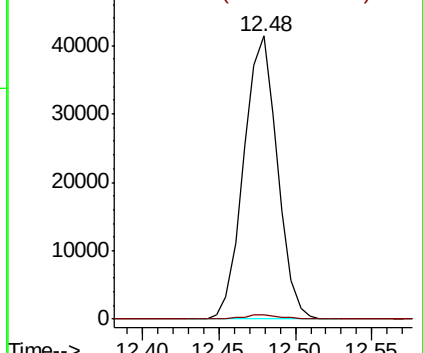
75 100

77 1.6 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: 80.669 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY001156.D

Acq: 10 Jan 2020 18:49

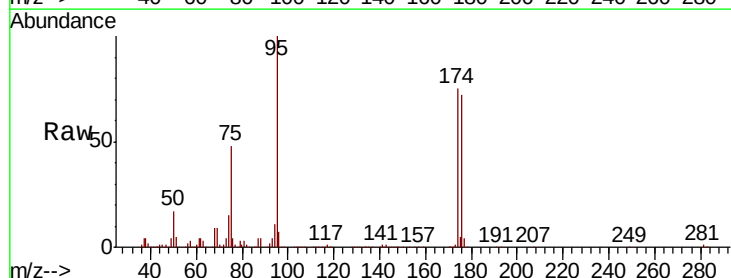
Tgt Ion: 75 Resp: 63111

Ion Ratio Lower Upper

75 100

53 0.0 69.4 104.2#

89 0.2 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

