

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060520\
 Data File : VY002856.D
 Acq On : 05 Jun 2020 18:36
 Operator : SY/MD
 Sample : L2939-01
 Misc : 6.10G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PHC-326FB-010

Quant Time: Jun 06 07:59:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	306102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	488708	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	445196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	208492	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	152955	57.55	ug/l	0.00
Spiked Amount						
			Recovery	=	115.10%	
35) Dibromofluoromethane	7.72	113	152959	53.41	ug/l	0.00
Spiked Amount						
			Recovery	=	106.82%	
50) Toluene-d8	10.18	98	571995	49.39	ug/l	0.00
Spiked Amount						
			Recovery	=	98.78%	
62) 4-Bromofluorobenzene	12.48	95	186944	47.24	ug/l	0.00
Spiked Amount						
			Recovery	=	94.48%	

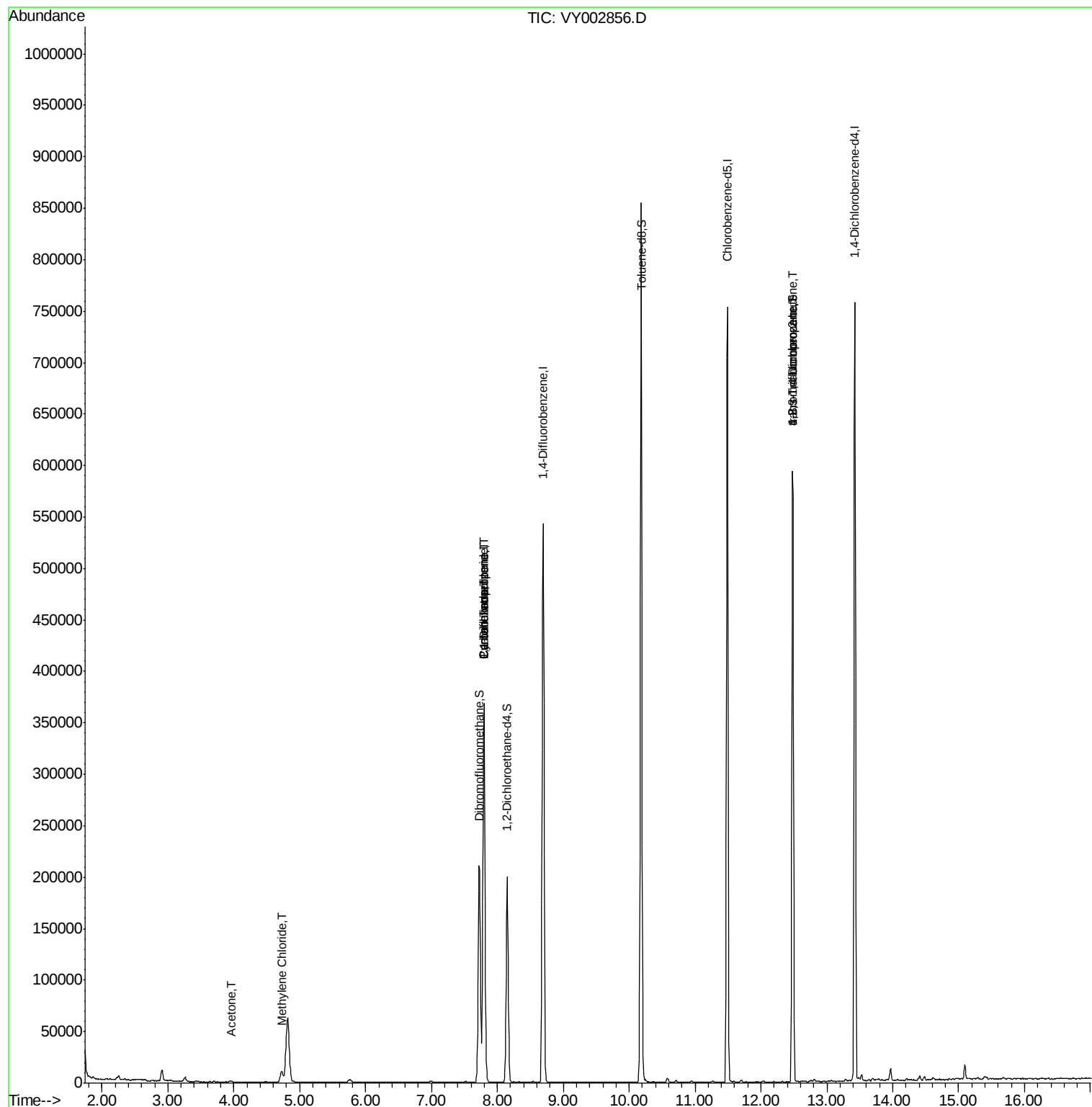
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.97	59	80	Below Cal	#	74
16) Acetone	3.96	43	1403	2.251	ug/l #	63
18) Methyl Acetate	4.47	43	801	Below Cal	#	48
20) Methylene Chloride	4.72	84	8628	2.833	ug/l	89
31) Cyclohexane	7.80	56	4620	1.025	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	19076	4.634	ug/l #	48
38) Carbon Tetrachloride	7.80	117	27201	5.948	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	87731	46.699	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	87731	87.981	ug/l #	17

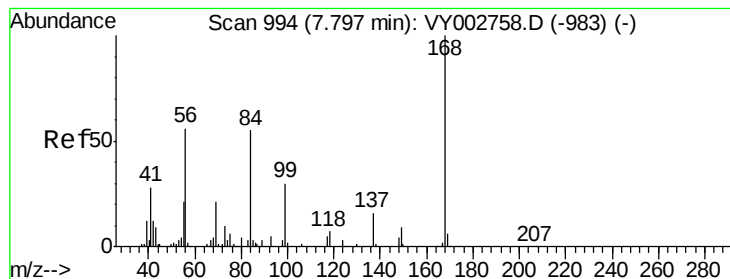
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002856.D

Acq: 05 Jun 2020 18:36

Instrument :

MSVOA_Y

ClientSampleId :

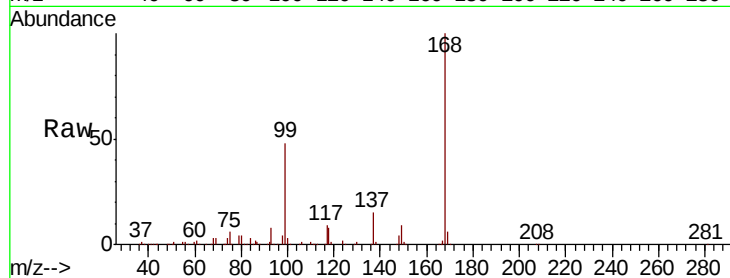
PHC-326FB-010

Tot Ion:168 Resp: 306102

Ion Ratio Lower Upper

168 100

99 47.5 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)

7.80

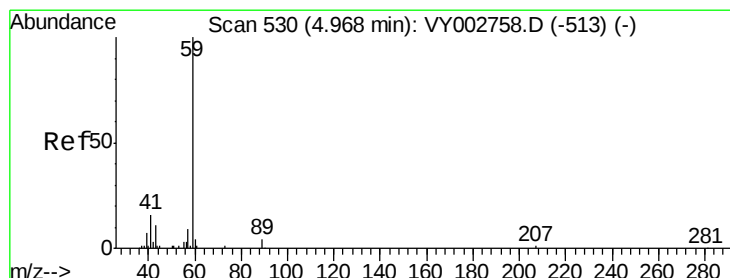
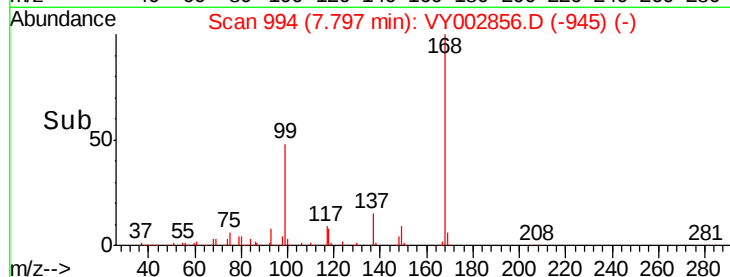
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.97 min Scan# 531

Delta R.T. 0.01 min

Lab File: VY002856.D

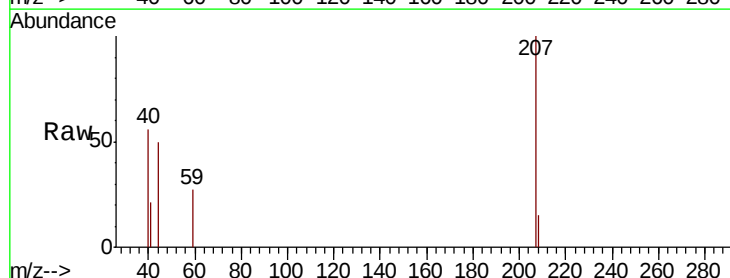
Acq: 05 Jun 2020 18:36

Tgt Ion: 59 Resp: 80

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VY002758.D (-513) (-)

Ion 57.00 (56.70 to 57.70): VY002758.D (-513) (-)

4.97

120

100

80

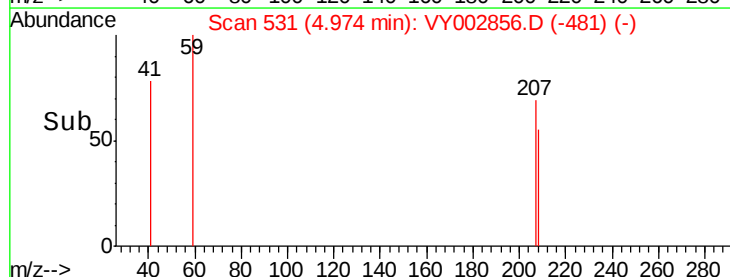
60

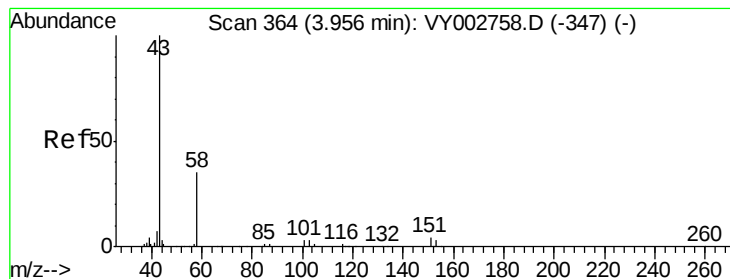
40

20

0

Time-->





#16

Acetone

Concen: 2.251 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002856.D

Acq: 05 Jun 2020 18:36

Instrument :

MSVOA_Y

ClientSampleId :

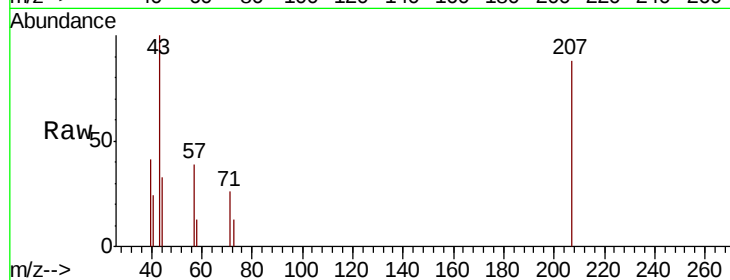
PHC-326FB-010

Tot Ion: 43 Resp: 1403

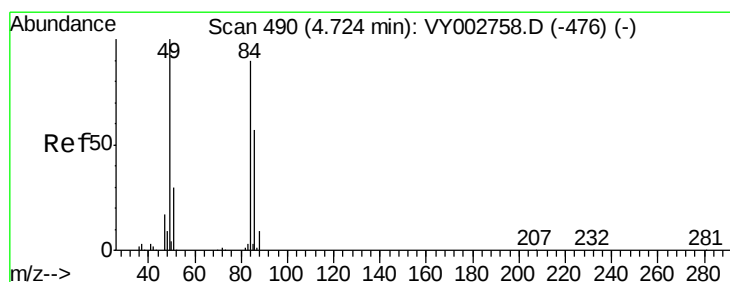
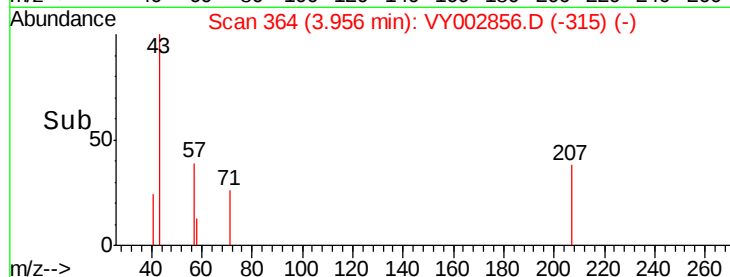
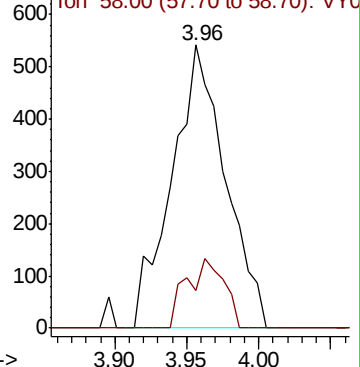
Ion Ratio Lower Upper

43 100

58 13.5 27.7 41.5#



Abundance Ion 43.00 (42.70 to 43.70): VY002758.D (-347) (-)



#20

Methylene Chloride

Concen: 2.833 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY002856.D

Acq: 05 Jun 2020 18:36

Tgt Ion: 84 Resp: 8628

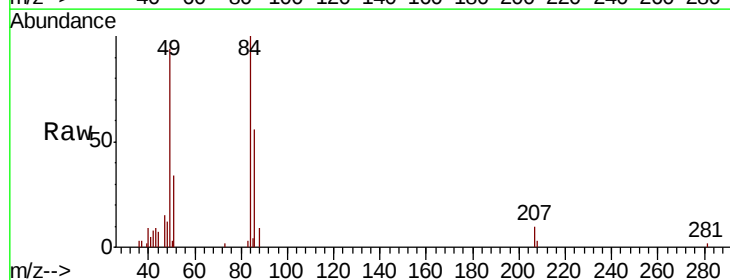
Ion Ratio Lower Upper

84 100

49 93.8 88.5 132.7

51 34.4 26.8 40.2

86 56.3 50.6 75.8

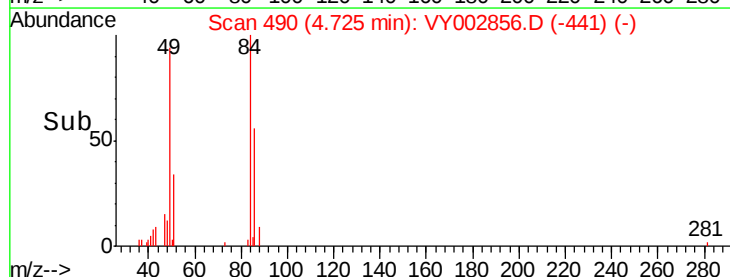
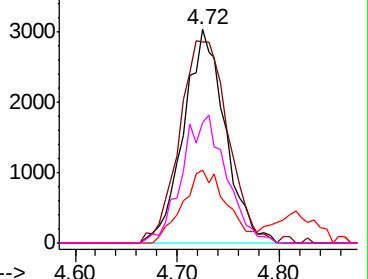


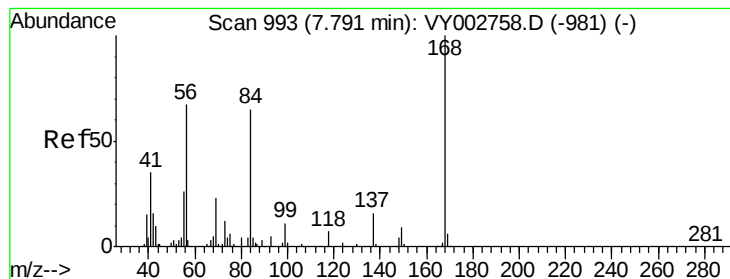
Abundance Ion 83.90 (83.60 to 84.60): VY002758.D (-476) (-)

Ion 48.90 (48.60 to 49.60): VY002758.D (-476) (-)

Ion 50.90 (50.60 to 51.60): VY002758.D (-476) (-)

Ion 85.90 (85.60 to 86.60): VY002758.D (-476) (-)





#31

Cyclohexane

Concen: 1.025 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY002856.D

Acq: 05 Jun 2020 18:36

Instrument :

MSVOA_Y

ClientSampleId :

PHC-326FB-010

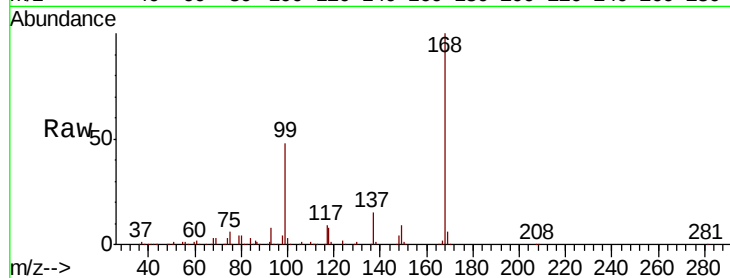
Tot Ion: 56 Resp: 4620

Ion Ratio Lower Upper

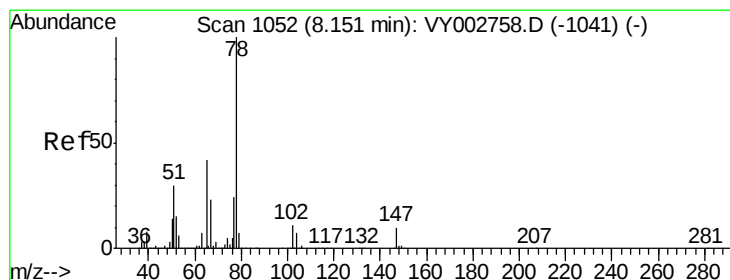
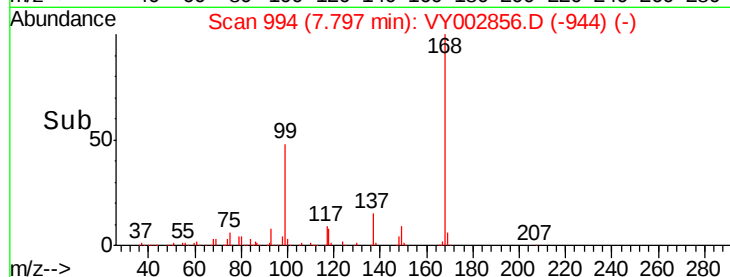
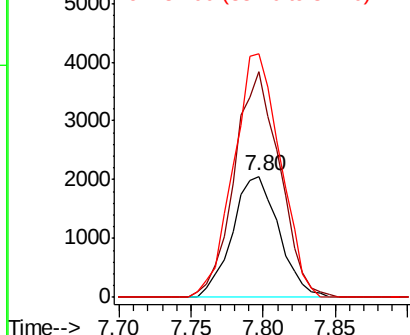
56 100

69 186.7 28.0 42.0#

84 201.0 77.7 116.5#



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: 57.549 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY002856.D

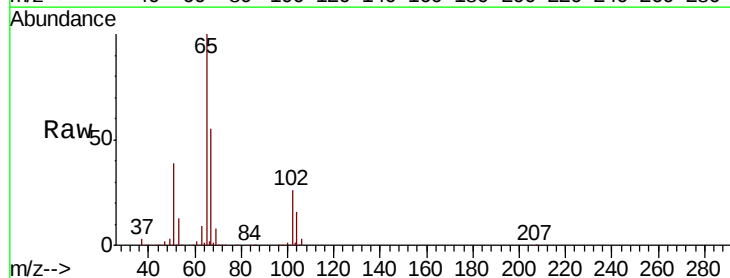
Acq: 05 Jun 2020 18:36

Tgt Ion: 65 Resp: 152955

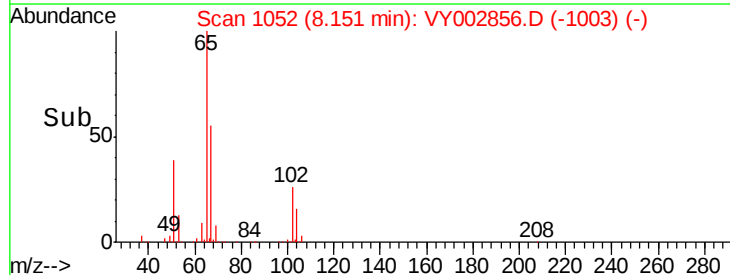
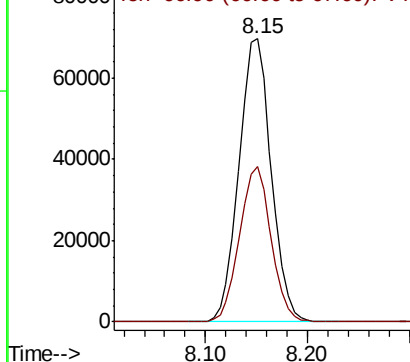
Ion Ratio Lower Upper

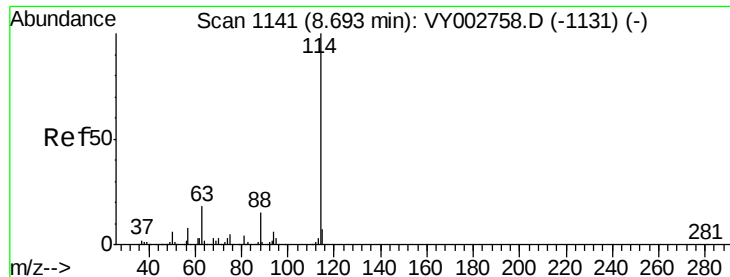
65 100

67 53.8 0.0 111.0



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

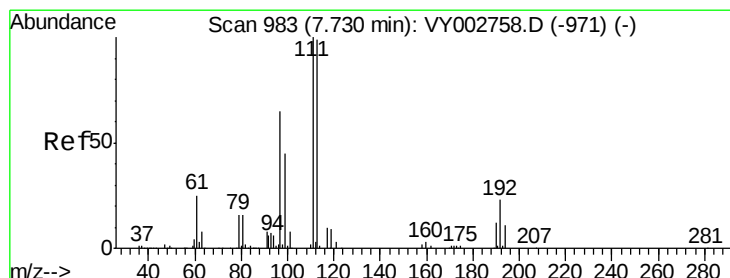
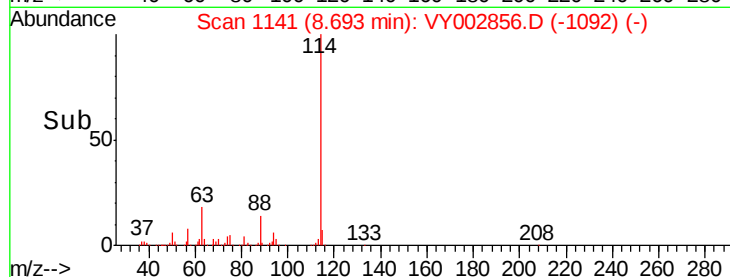
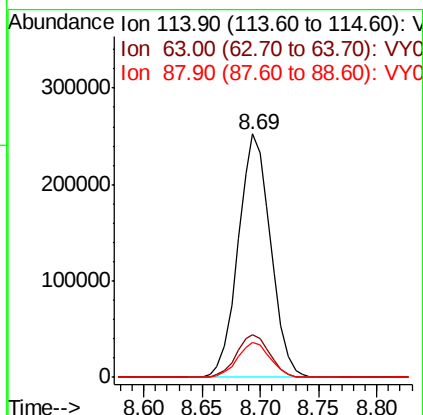
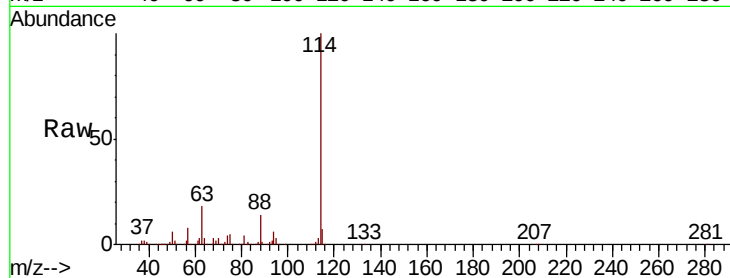




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002856.D
 Acq: 05 Jun 2020 18:36

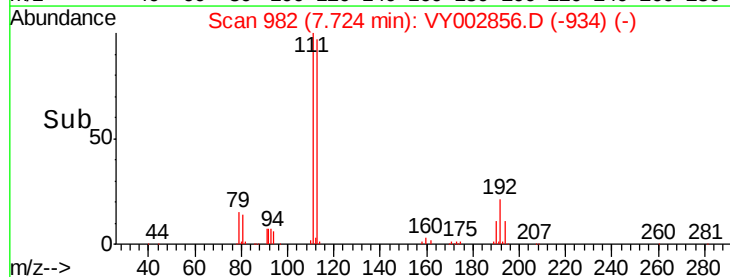
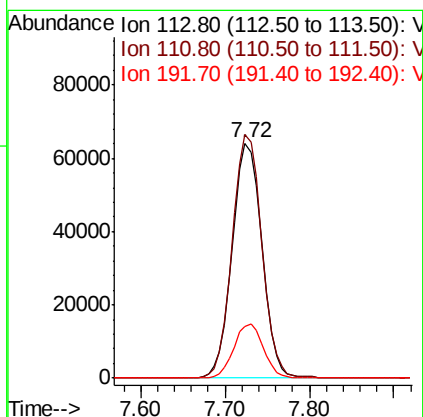
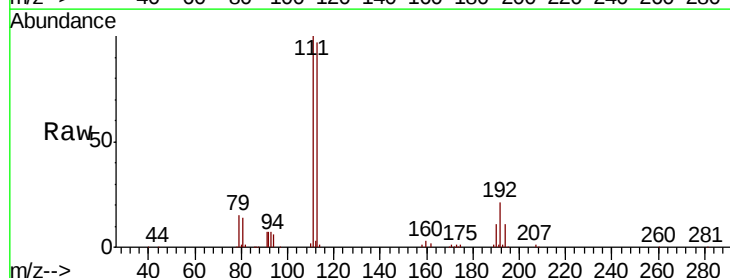
Instrument :
 MSVOA_Y
 ClientSampleId :
 PHC-326FB-010

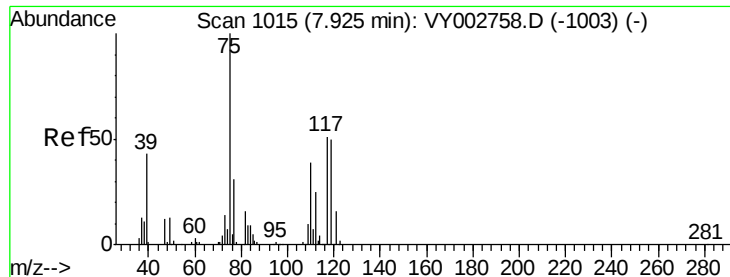
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	35.2
88	14.5	0.0	29.2



#35
 Dibromofluoromethane
 Concen: 53.406 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002856.D
 Acq: 05 Jun 2020 18:36

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.0	123.0
192	22.8	18.9	28.3

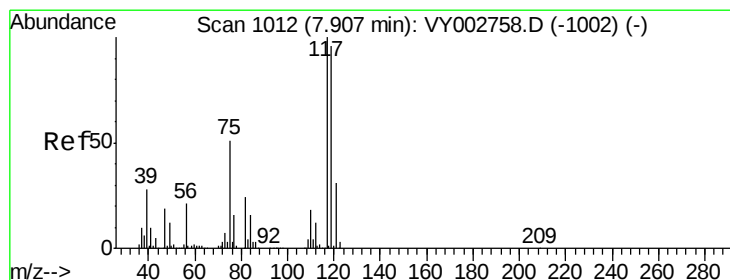
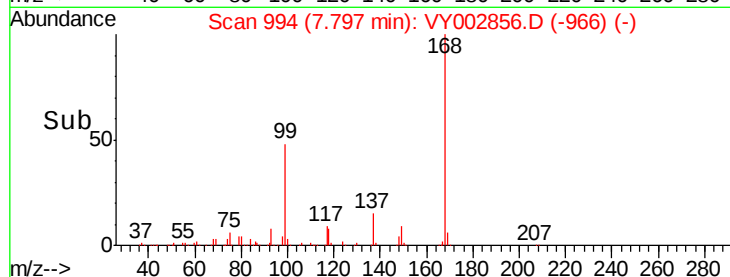
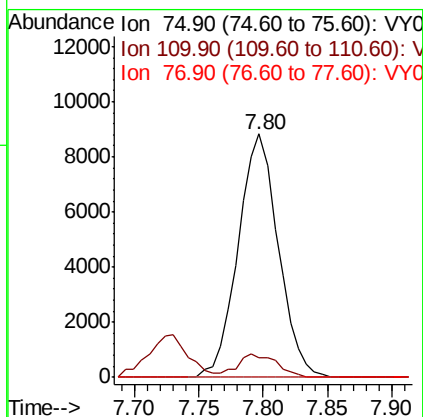
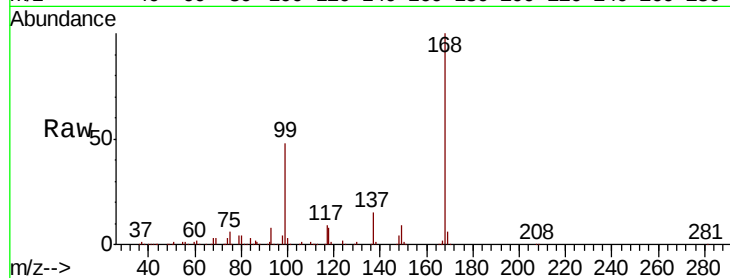




#36
 1,1-Dichloropropene
 Concen: 4.634 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY002856.D
 Acq: 05 Jun 2020 18:36

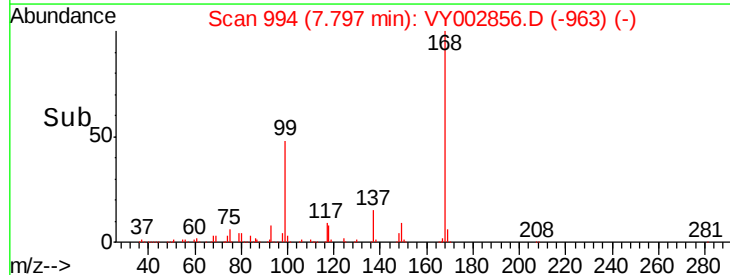
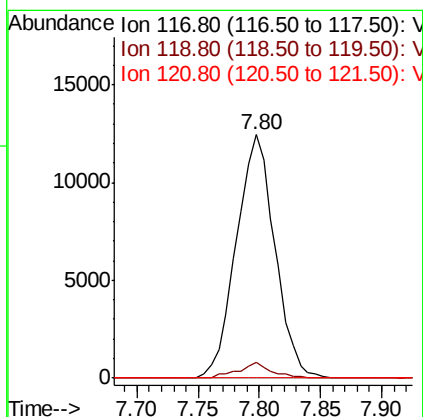
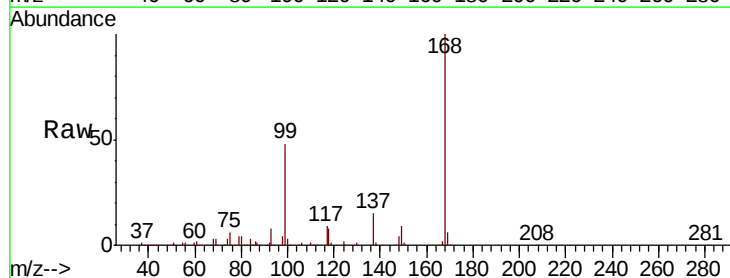
Instrument :
 MSVOA_Y
 ClientSampleId :
 PHC-326FB-010

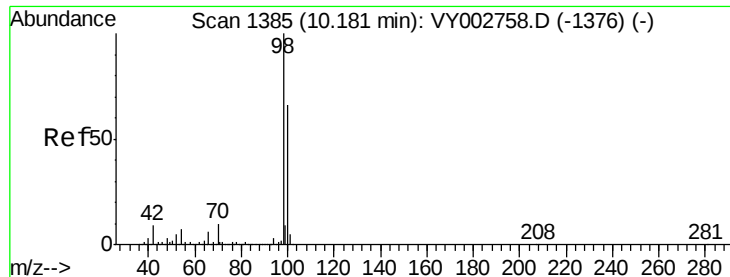
Tot Ion	75	Resp	19076
Ion Ratio	100	Lower	Upper
75	100		
110	9.5	19.3	57.9#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 5.948 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY002856.D
 Acq: 05 Jun 2020 18:36

Tgt Ion	117	Resp	27201
Ion Ratio	100	Lower	Upper
117	100		
119	6.2	76.8	115.2#
121	0.0	24.8	37.2#





#50

Toluene-d8

Concen: 49.394 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002856.D

Acq: 05 Jun 2020 18:36

Instrument :

MSVOA_Y

ClientSampleId :

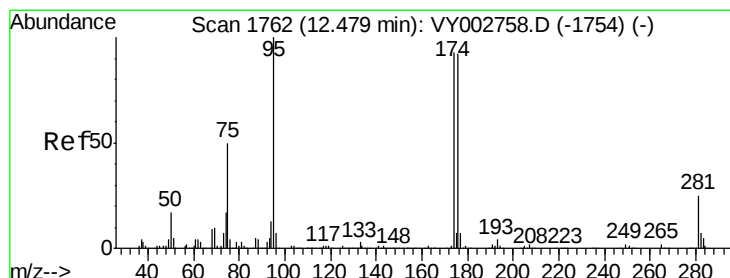
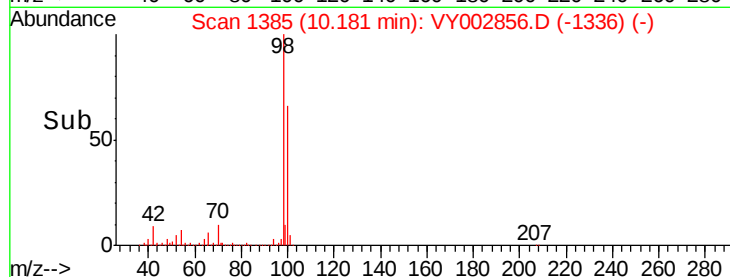
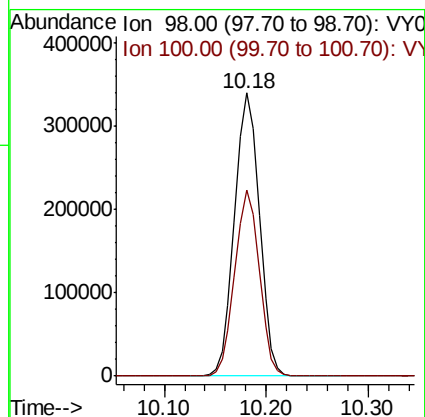
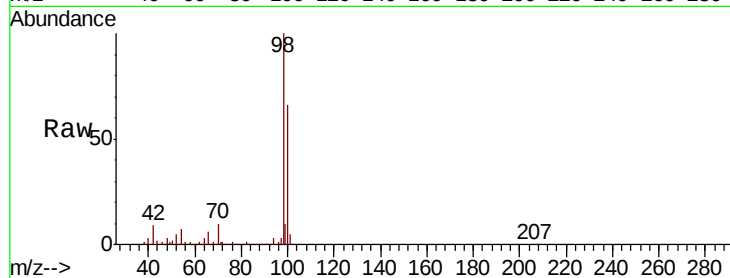
PHC-326FB-010

Tot Ion: 98 Resp: 571995

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 47.237 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002856.D

Acq: 05 Jun 2020 18:36

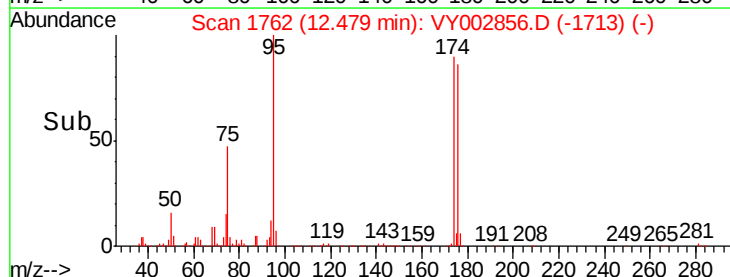
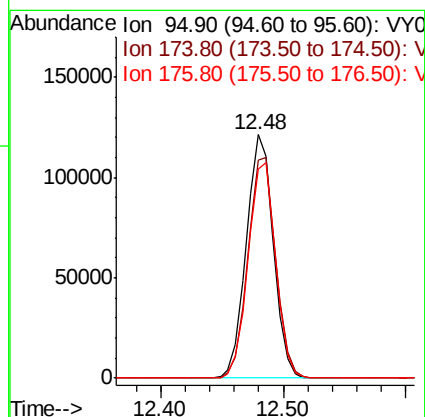
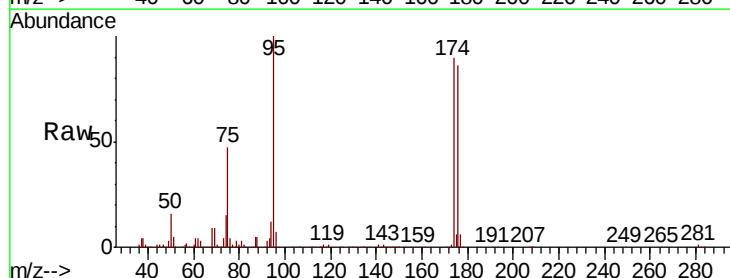
Tgt Ion: 95 Resp: 186944

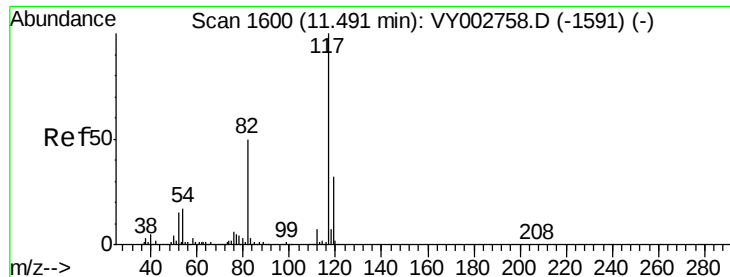
Ion Ratio Lower Upper

95 100

174 92.7 0.0 191.2

176 90.3 0.0 188.8

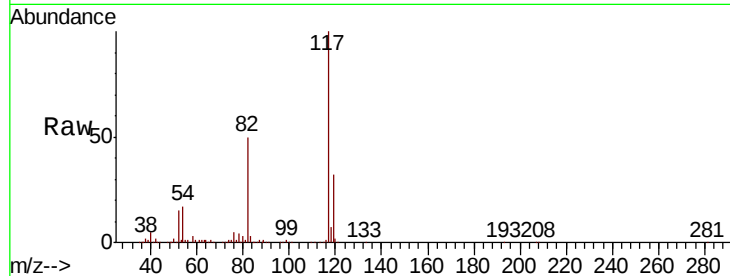




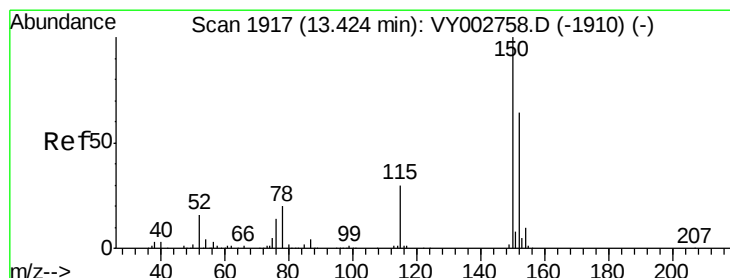
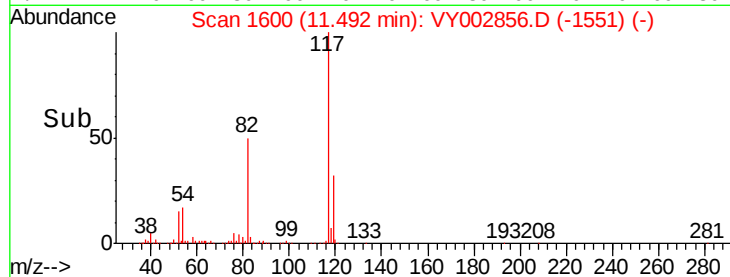
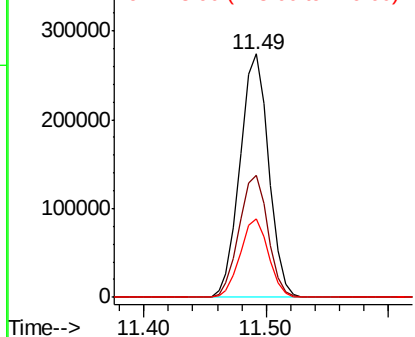
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002856.D
Acq: 05 Jun 2020 18:36

Instrument :
MSVOA_Y
ClientSampleId :
PHC-326FB-010

Tot Ion:117 Resp: 445196
Ion Ratio Lower Upper
117 100
82 50.3 40.2 60.4
119 32.5 25.8 38.8

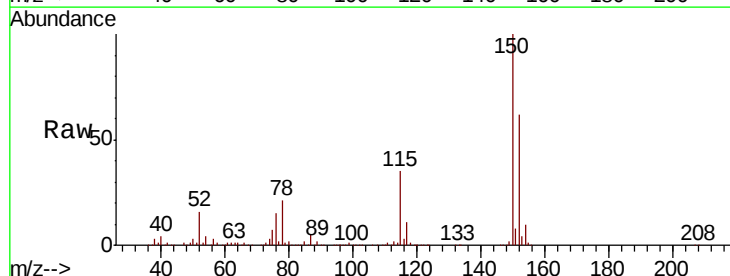


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

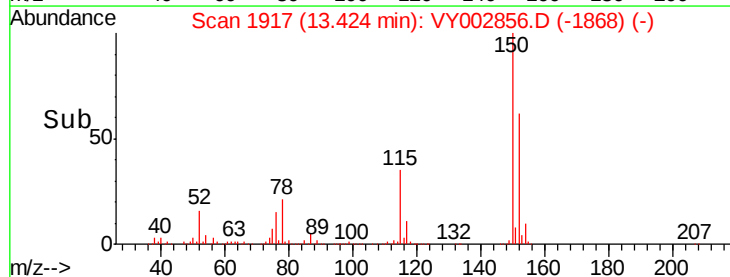
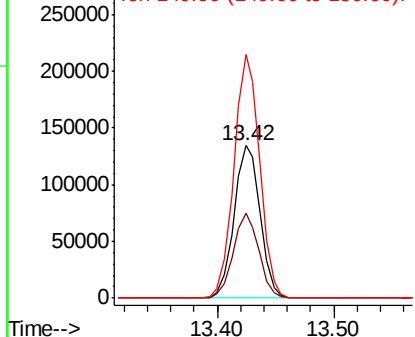


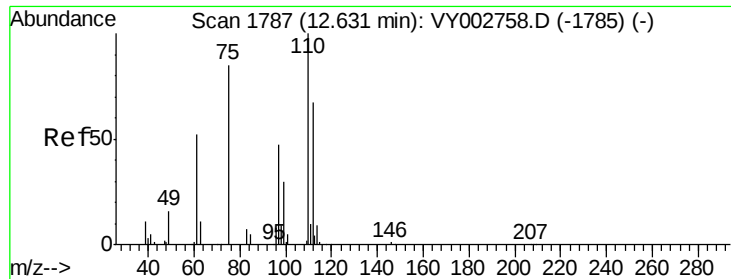
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002856.D
Acq: 05 Jun 2020 18:36

Tgt Ion:152 Resp: 208492
Ion Ratio Lower Upper
152 100
115 54.5 27.0 81.0
150 157.4 0.0 344.8



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: 46.699 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002856.D

Acq: 05 Jun 2020 18:36

Instrument :

MSVOA_Y

ClientSampleId :

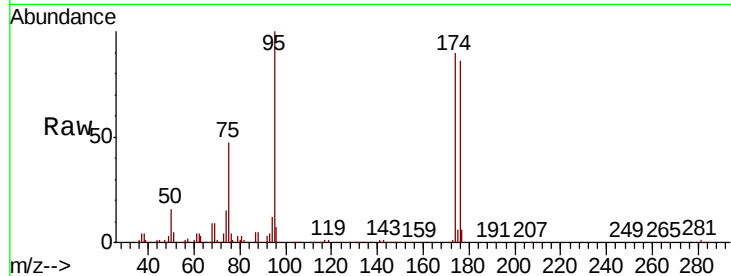
PHC-326FB-010

Tot Ion: 75 Resp: 87731

Ion Ratio Lower Upper

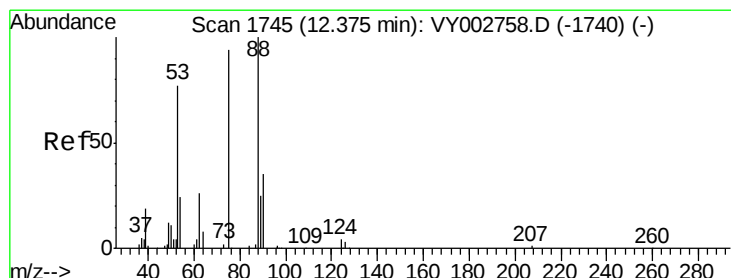
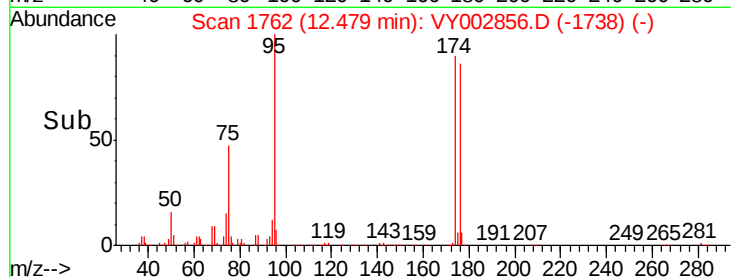
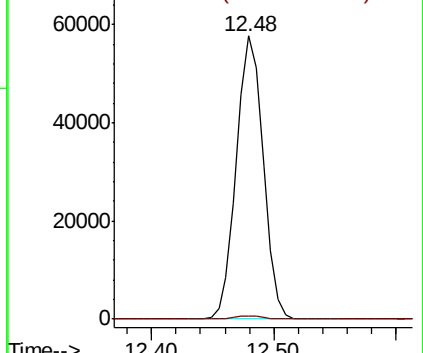
75 100

77 1.3 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: 87.981 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002856.D

Acq: 05 Jun 2020 18:36

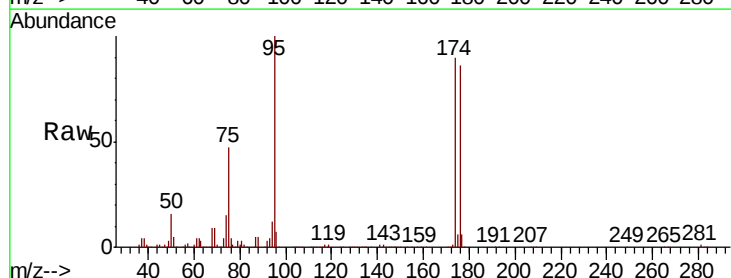
Tgt Ion: 75 Resp: 87731

Ion Ratio Lower Upper

75 100

53 0.0 64.0 96.0#

89 0.1 37.4 56.2#



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

