

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY111919\
 Data File : VY000741.D
 Acq On : 19 Nov 2019 13:25
 Operator : SY/MD
 Sample : K5908-02RE
 Misc : 6.18G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-8-1-(6-12)RE

Quant Time: Nov 19 15:33:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	177922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	331619	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	292505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	121030	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	113188	61.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.94%	
35) Dibromofluoromethane	7.73	113	101724	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
50) Toluene-d8	10.18	98	382261	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
62) 4-Bromofluorobenzene	12.48	95	122442	43.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.08%	

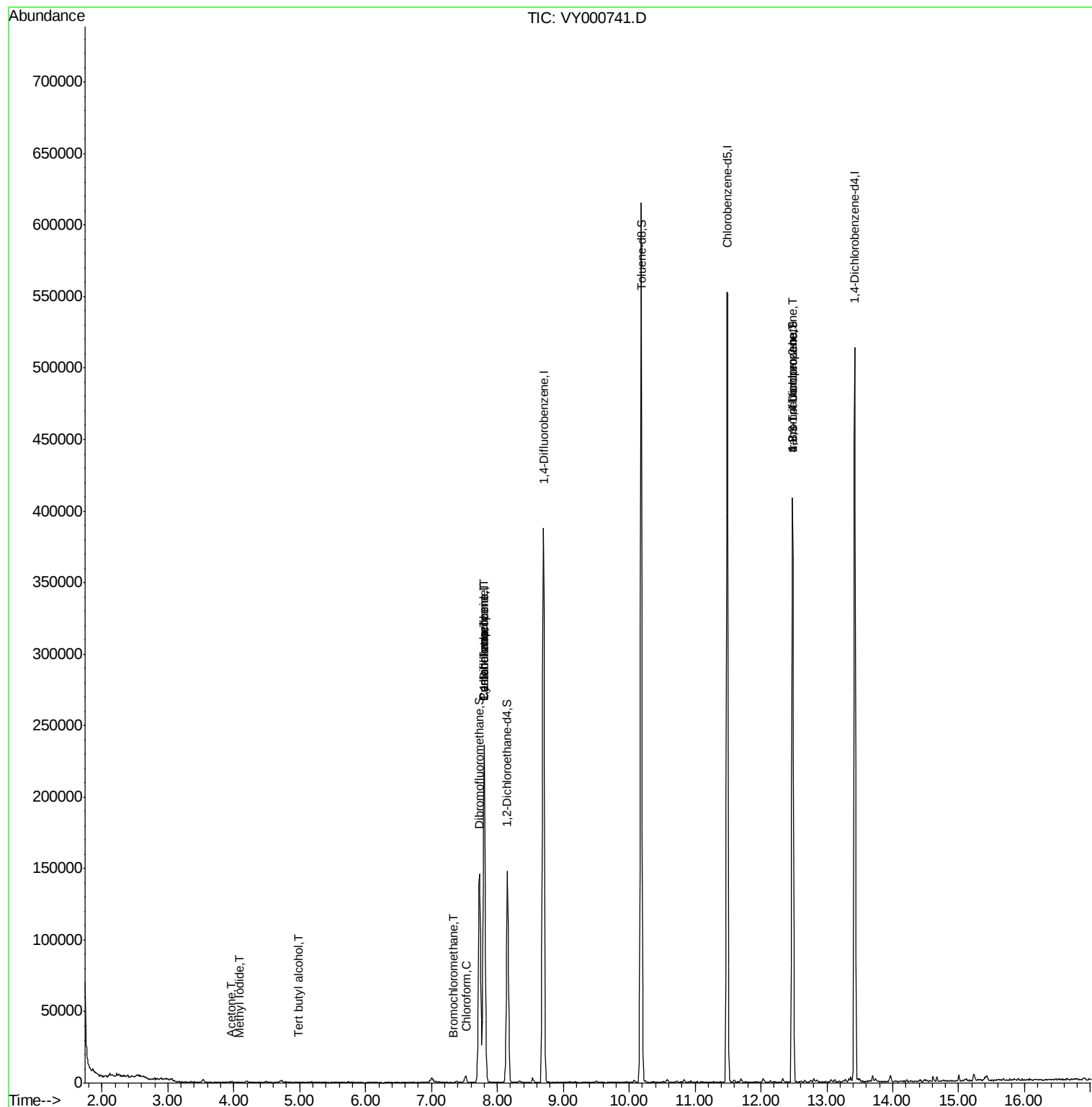
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.08	142	74	3.228	ug/l #	41
11) Tert butyl alcohol	4.98	59	545	3.041	ug/l #	72
16) Acetone	3.96	43	715	1.409	ug/l	94
28) Bromochloromethane	7.33	49	39	4.116	ug/l #	14
30) Chloroform	7.52	83	4338	1.260	ug/l	100
31) Cyclohexane	7.80	56	4917	1.380	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	14044	4.480	ug/l #	48
38) Carbon Tetrachloride	7.80	117	17236	5.714	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	68265	49.536	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	68265	111.066	ug/l #	13

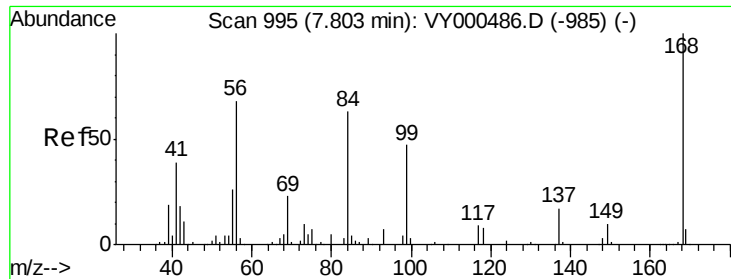
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY111919\
Data File : VY000741.D
Acq On : 19 Nov 2019 13:25
Operator : SY/MD
Sample : K5908-02RE
Misc : 6.18G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-8-1-(6-12)RE

Quant Time: Nov 19 15:33:10 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000741.D

Acq: 19 Nov 2019 13:25

Instrument :

MSVOA_Y

ClientSampleId :

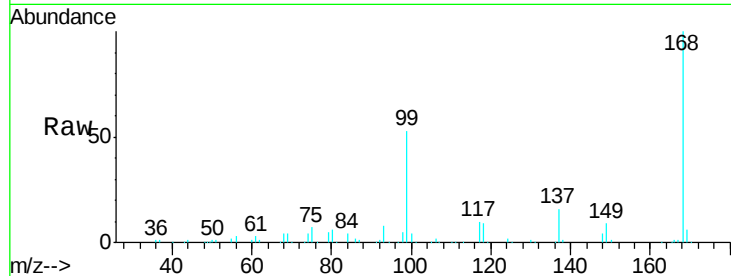
B-8-1-(6-12)RE

Tgt Ion:168 Resp: 177922

Ion Ratio Lower Upper

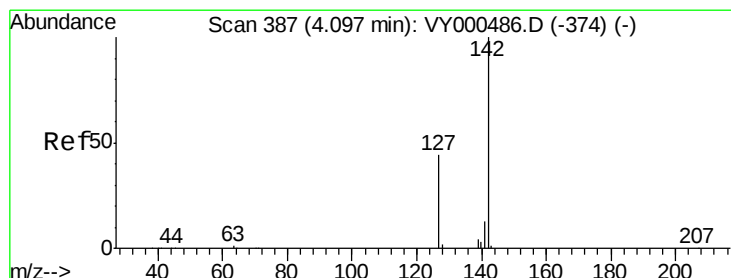
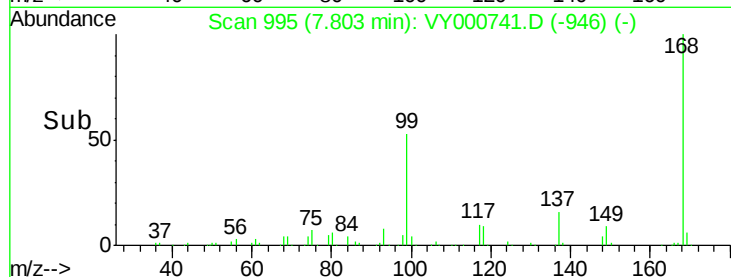
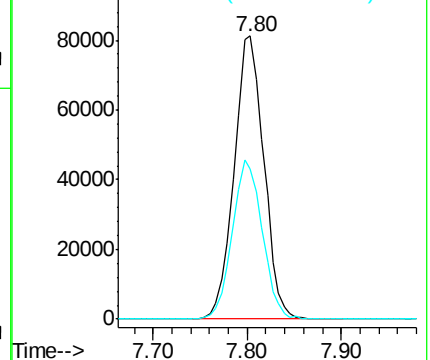
168 100

99 52.9 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0



#10

Methyl Iodide

Concen: 3.228 ug/l

RT: 4.08 min Scan# 385

Delta R.T. -0.01 min

Lab File: VY000741.D

Acq: 19 Nov 2019 13:25

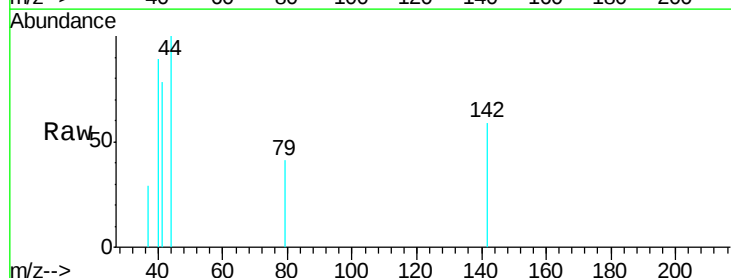
Tgt Ion:142 Resp: 74

Ion Ratio Lower Upper

142 100

127 0.0 33.7 50.5#

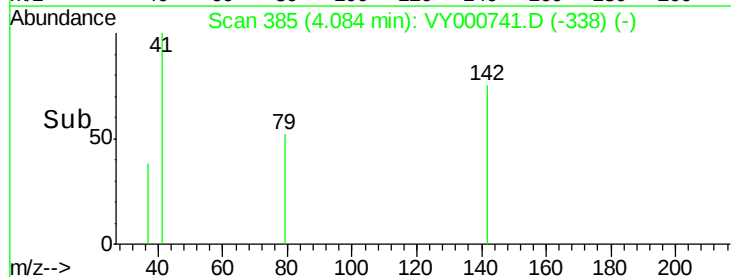
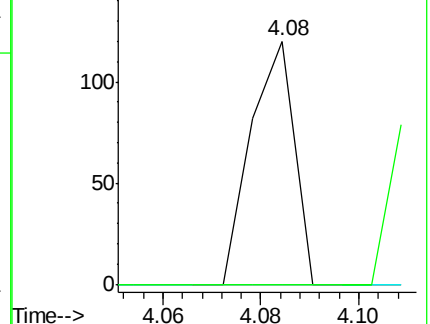
141 0.0 10.9 16.3#

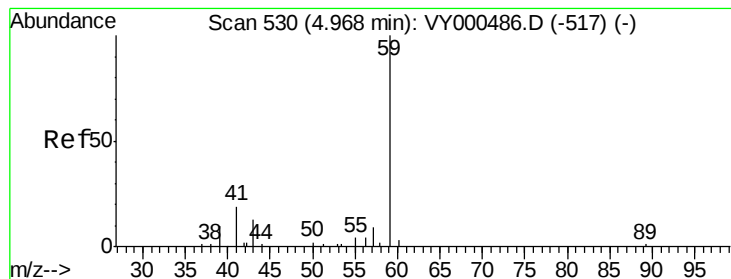


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



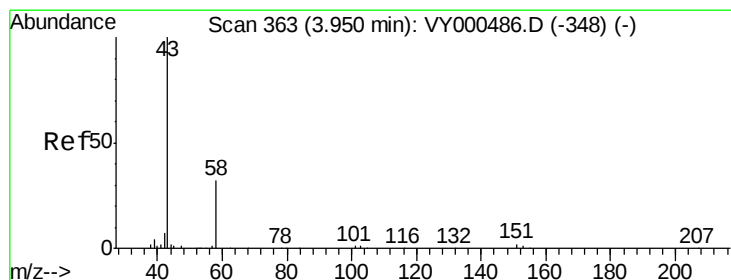
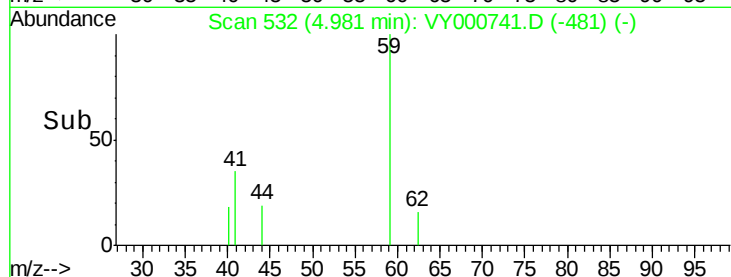
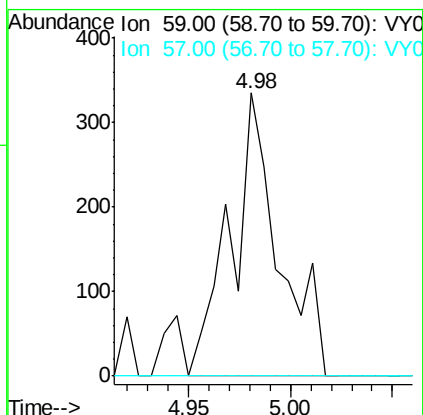
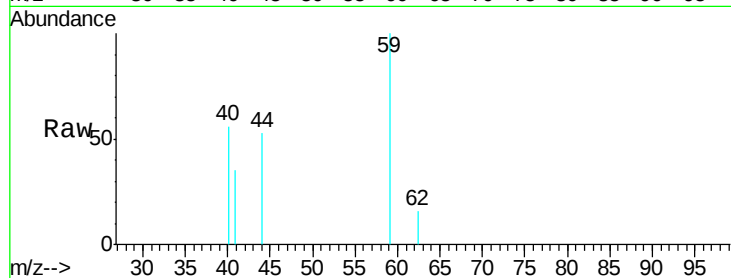


#11

Tert butyl alcohol
 Concen: 3.041 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. 0.01 min
 Lab File: VY000741.D
 Acq: 19 Nov 2019 13:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-8-1-(6-12)RE

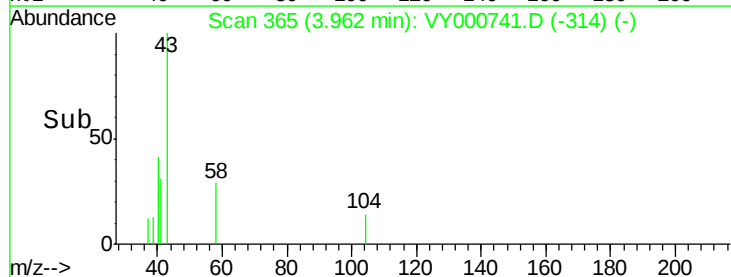
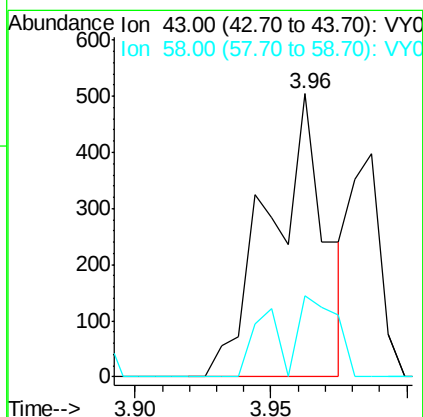
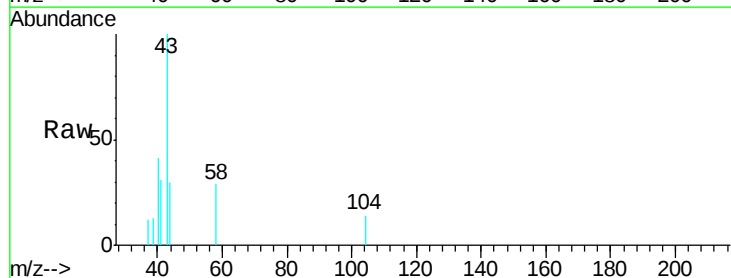
Tgt Ion: 59 Resp: 545
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.6 12.8#

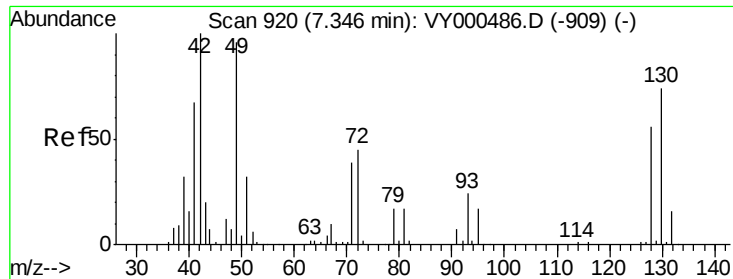


#16

Acetone
 Concen: 1.409 ug/l
 RT: 3.96 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VY000741.D
 Acq: 19 Nov 2019 13:25

Tgt Ion: 43 Resp: 715
 Ion Ratio Lower Upper
 43 100
 58 28.6 25.8 38.6





#28

Bromochloromethane

Concen: 4.116 ug/l

RT: 7.33 min Scan# 917

Delta R.T. -0.02 min

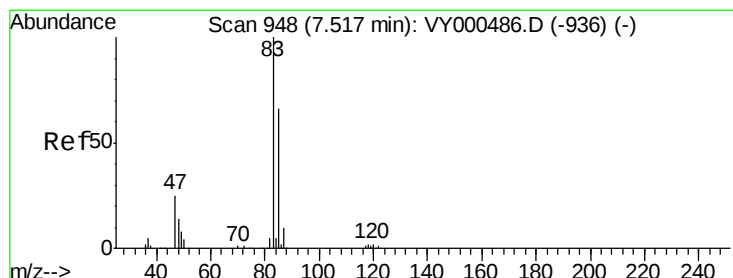
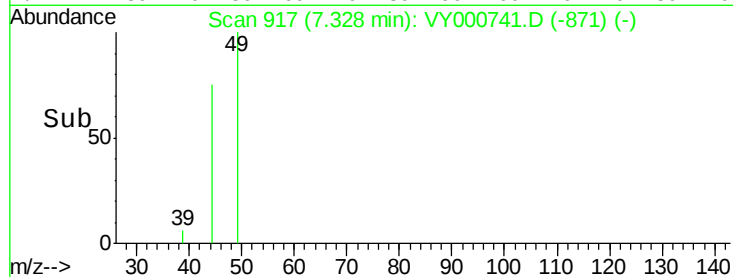
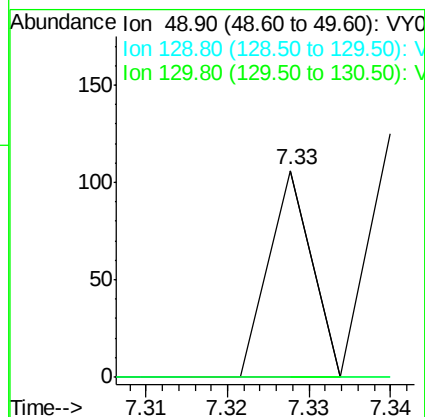
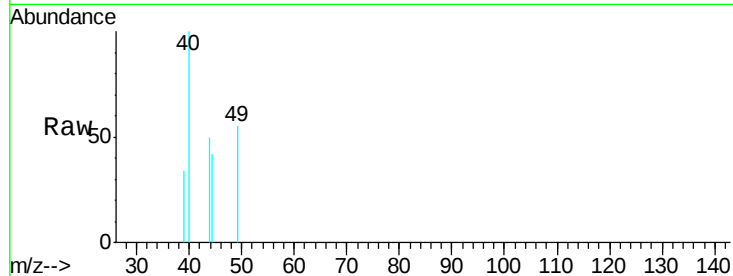
Lab File: VY000741.D

Acq: 19 Nov 2019 13:25

Instrument :
MSVOA_Y
ClientSampleId :
B-8-1-(6-12)RE

Tgt Ion: 49 Resp: 39

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	0.0	59.4	89.0#



#30

Chloroform

Concen: 1.260 ug/l

RT: 7.52 min Scan# 949

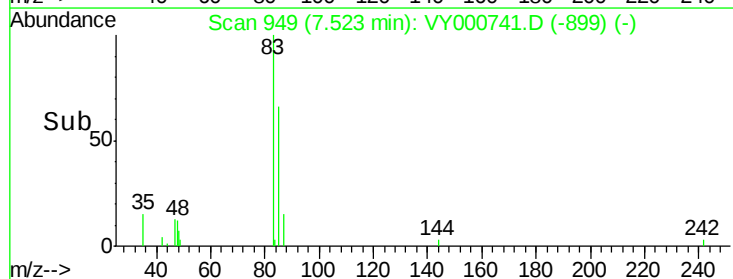
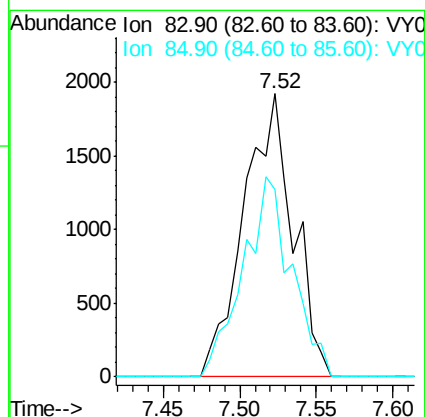
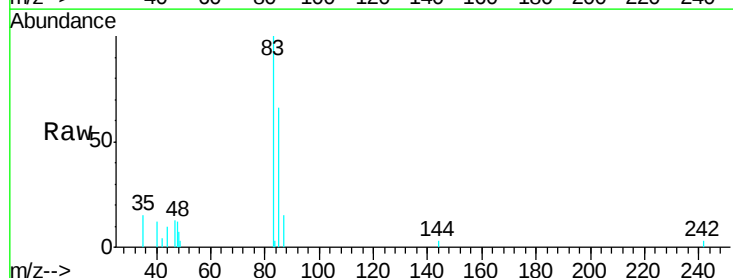
Delta R.T. 0.01 min

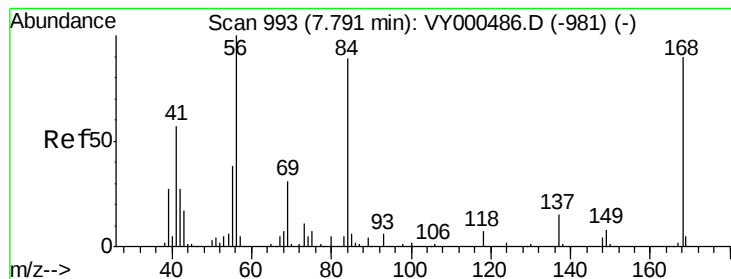
Lab File: VY000741.D

Acq: 19 Nov 2019 13:25

Tgt Ion: 83 Resp: 4338

Ion	Ratio	Lower	Upper
83	100		
85	66.2	53.0	79.4





#31

Cyclohexane

Concen: 1.380 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY000741.D

Acq: 19 Nov 2019 13:25

Instrument :

MSVOA_Y

ClientSampleId :

B-8-1-(6-12)RE

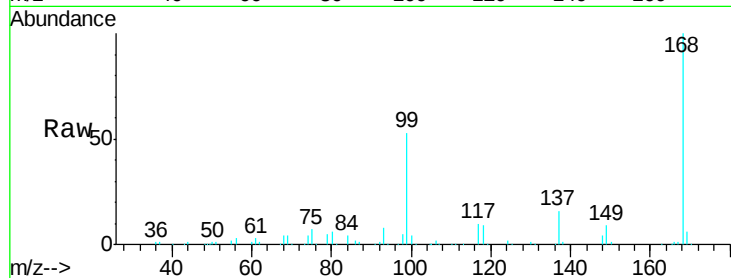
Tgt Ion: 56 Resp: 4917

Ion Ratio Lower Upper

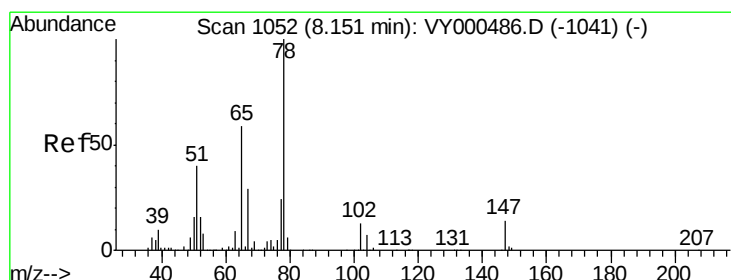
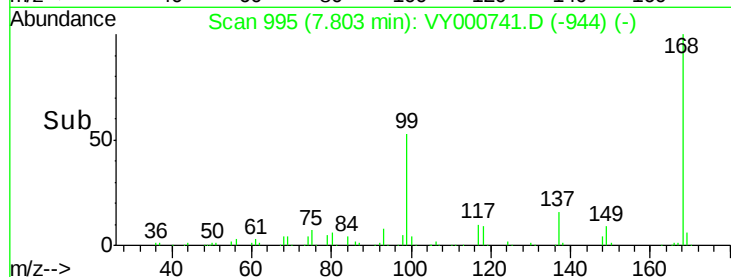
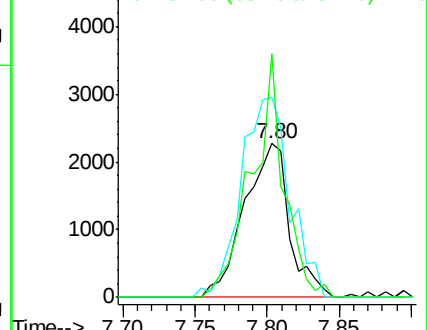
56 100

69 130.2 25.0 37.6#

84 158.2 71.4 107.2#



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: 61.473 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY000741.D

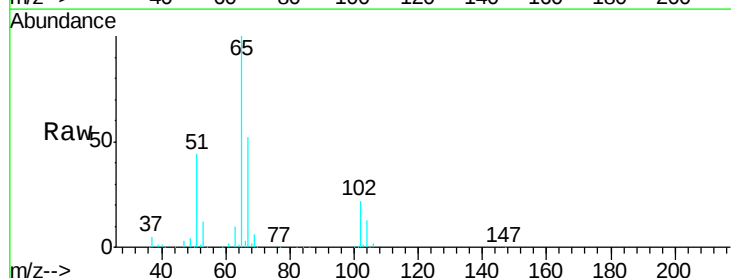
Acq: 19 Nov 2019 13:25

Tgt Ion: 65 Resp: 113188

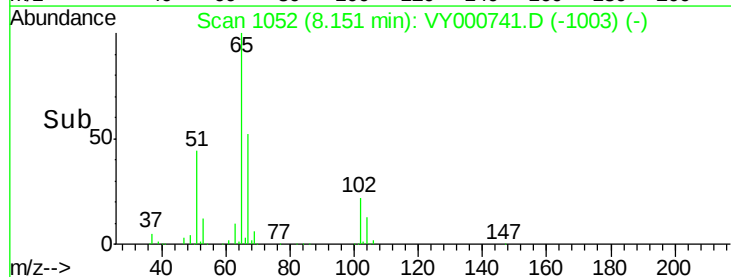
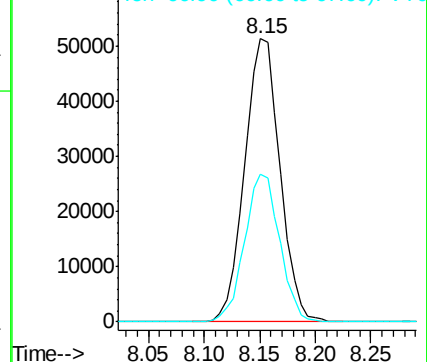
Ion Ratio Lower Upper

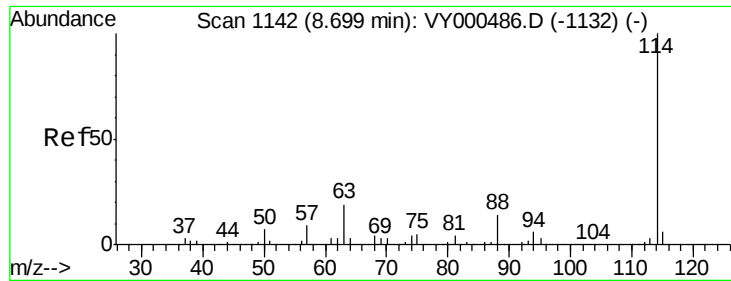
65 100

67 51.8 0.0 107.2



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

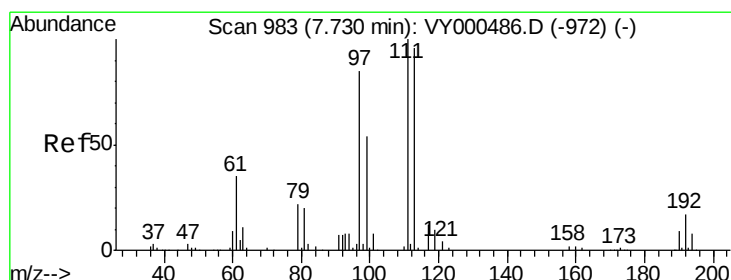
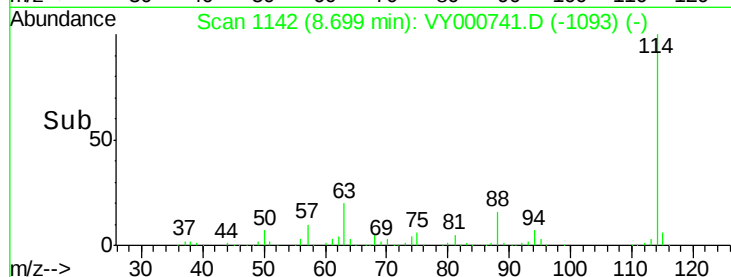
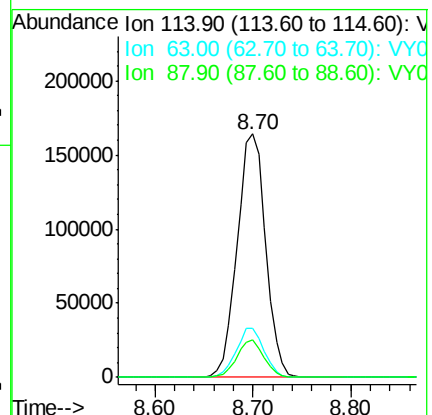
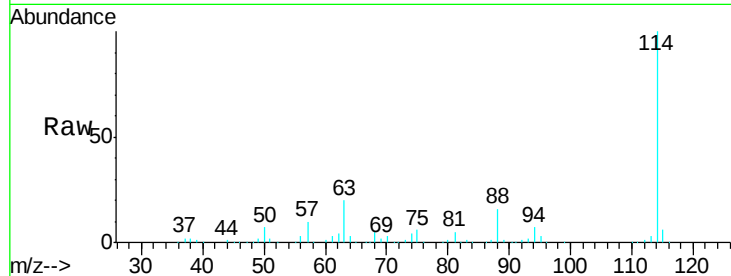




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000741.D
 Acq: 19 Nov 2019 13:25

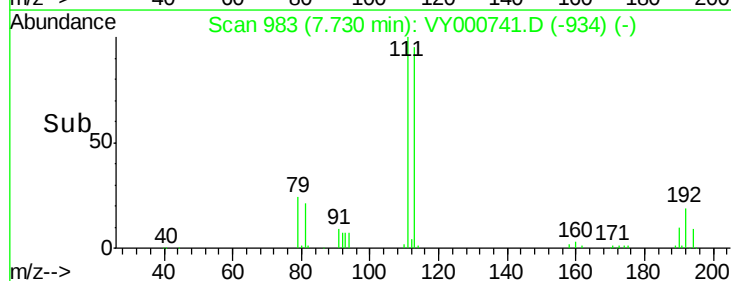
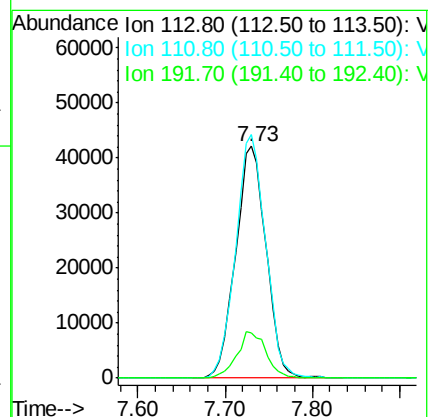
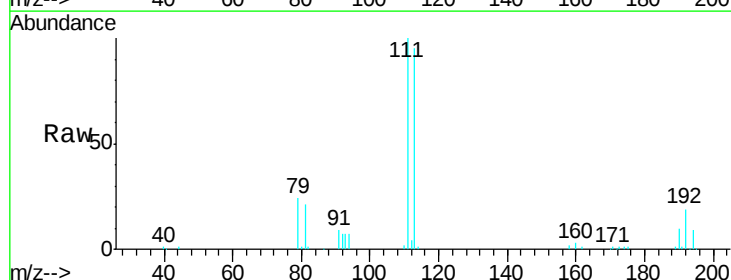
Instrument :
 MSVOA_Y
 ClientSampleId :
 B-8-1-(6-12)RE

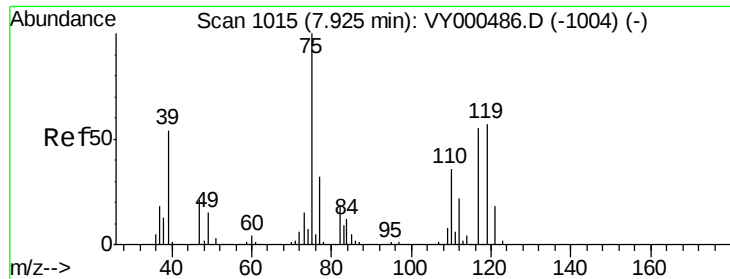
Tgt Ion:114 Resp: 331619
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 38.0
 88 15.5 0.0 28.6



#35
 Dibromofluoromethane
 Concen: 52.251 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000741.D
 Acq: 19 Nov 2019 13:25

Tgt Ion:113 Resp: 101724
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.7 122.5
 192 19.1 15.0 22.4





#36

1,1-Dichloropropene

Concen: 4.480 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY000741.D

Acq: 19 Nov 2019 13:25

Instrument :

MSVOA_Y

ClientSampleId :

B-8-1-(6-12)RE

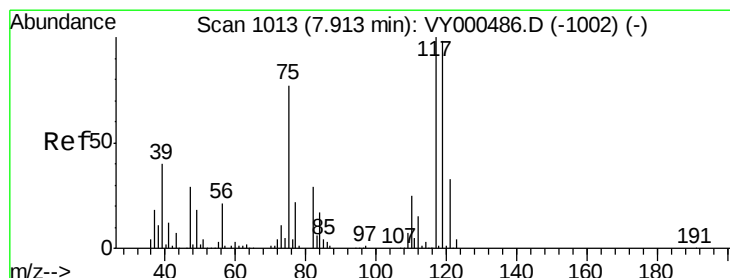
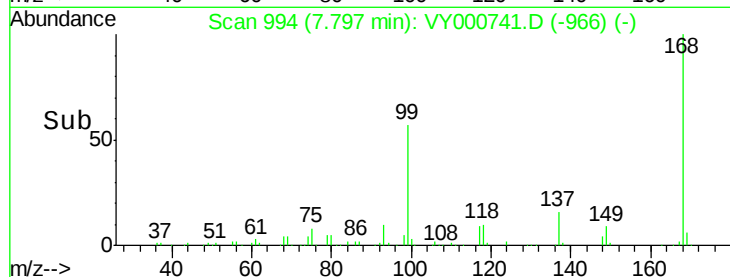
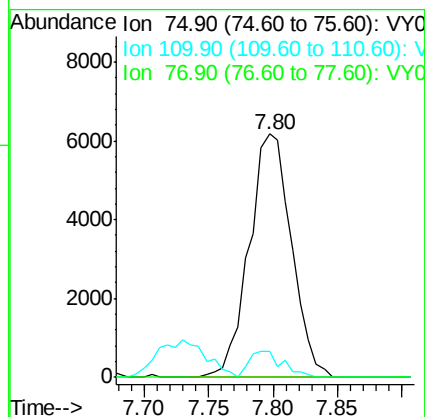
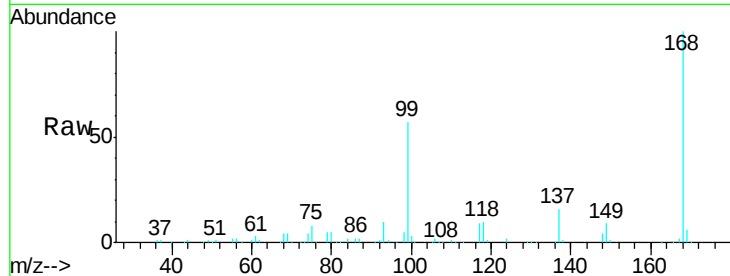
Tgt Ion: 75 Resp: 14044

Ion Ratio Lower Upper

75 100

110 8.3 18.1 54.1#

77 0.0 25.0 37.6#



#38

Carbon Tetrachloride

Concen: 5.714 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.11 min

Lab File: VY000741.D

Acq: 19 Nov 2019 13:25

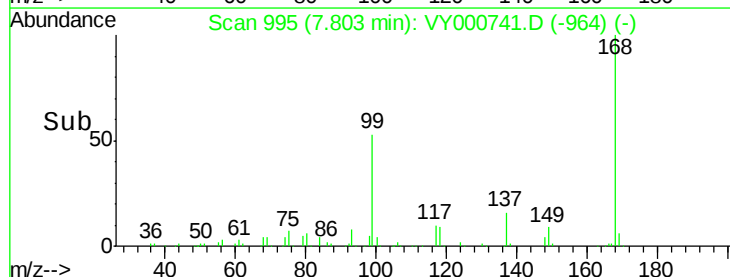
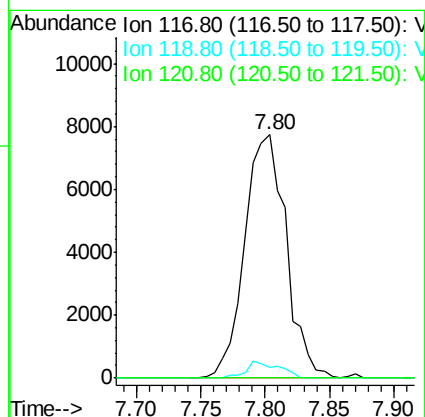
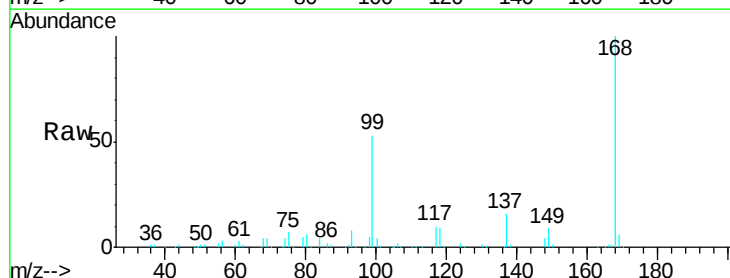
Tgt Ion: 117 Resp: 17236

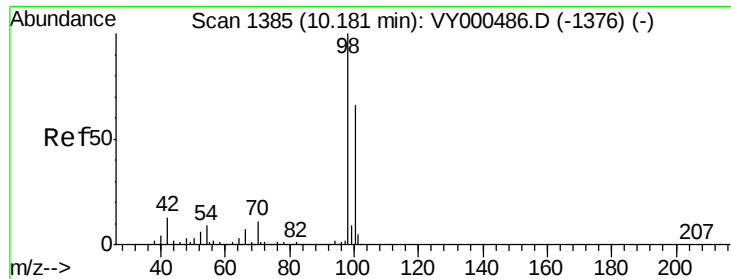
Ion Ratio Lower Upper

117 100

119 4.5 78.0 117.0#

121 0.0 26.6 40.0#





#50

Toluene-d8

Concen: 51.747 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000741.D

Acq: 19 Nov 2019 13:25

Instrument :

MSVOA_Y

ClientSampleId :

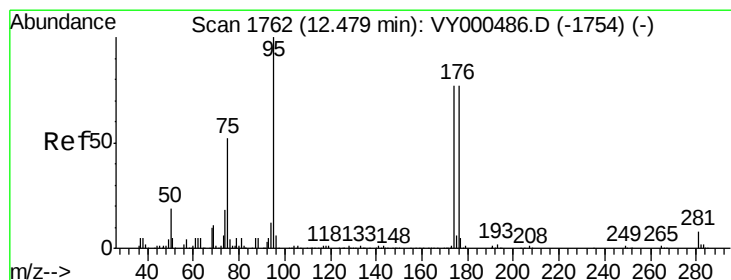
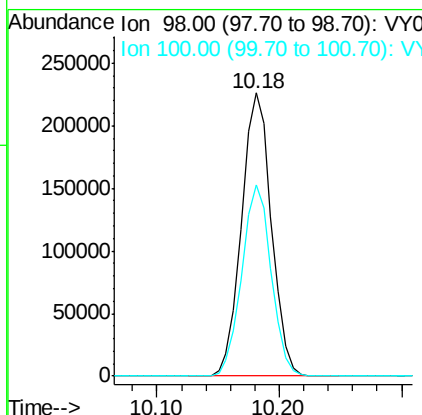
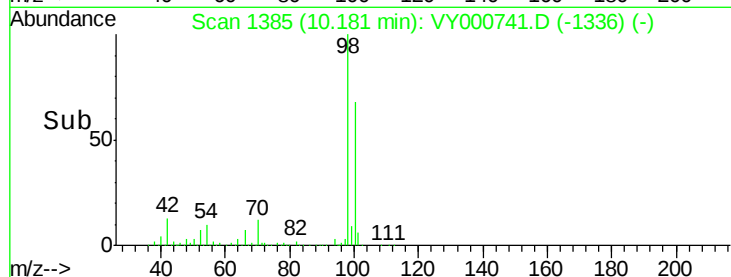
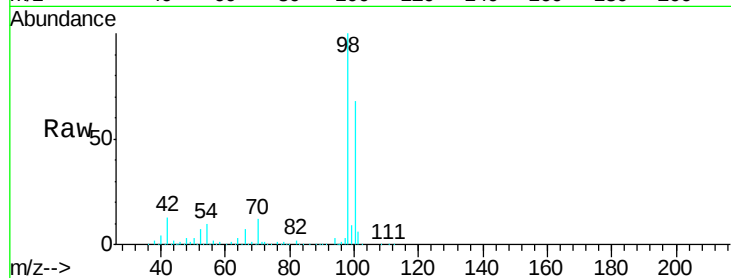
B-8-1-(6-12)RE

Tgt Ion: 98 Resp: 382261

Ion Ratio Lower Upper

98 100

100 66.6 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 43.539 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000741.D

Acq: 19 Nov 2019 13:25

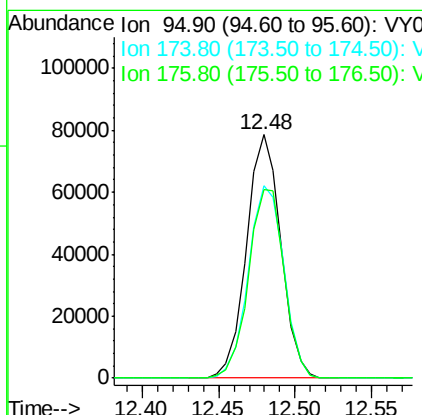
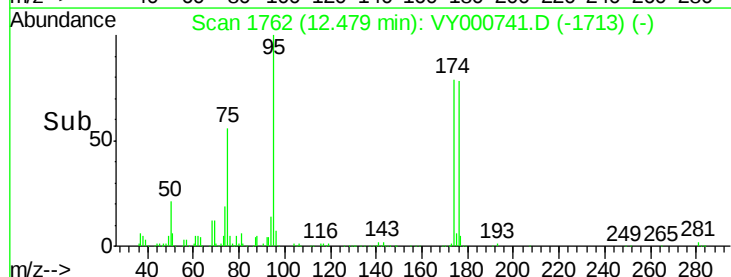
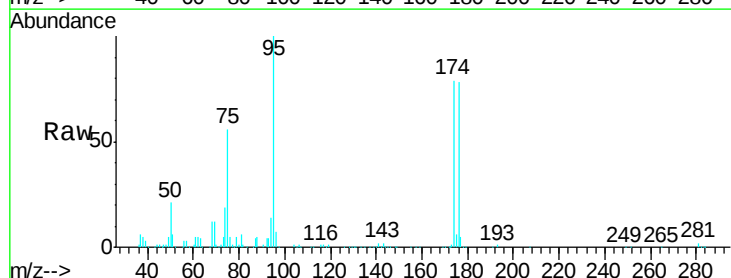
Tgt Ion: 95 Resp: 122442

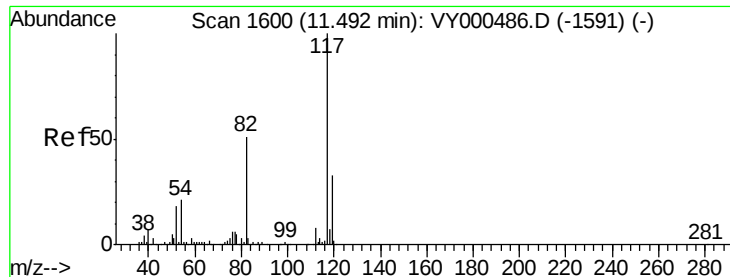
Ion Ratio Lower Upper

95 100

174 82.0 0.0 161.6

176 80.5 0.0 157.8

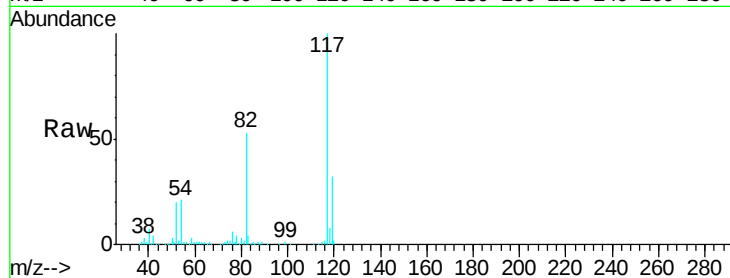




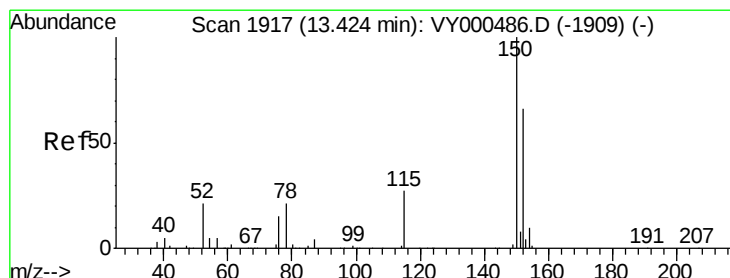
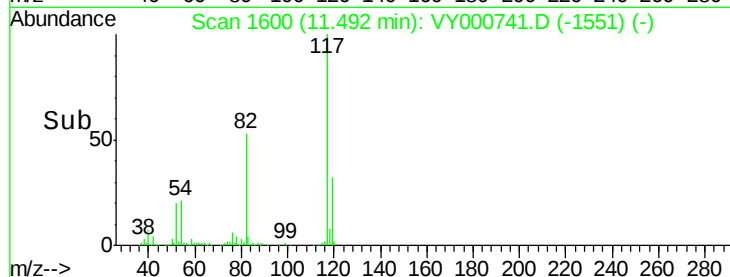
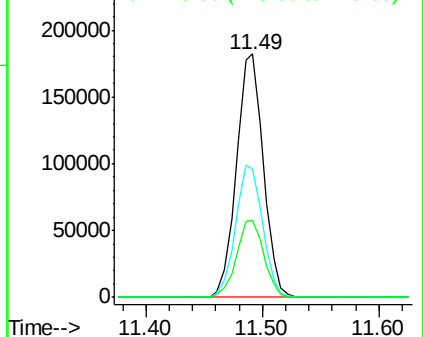
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000741.D
Acq: 19 Nov 2019 13:25

Instrument :
MSVOA_Y
ClientSampleId :
B-8-1-(6-12)RE

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.8	40.8	61.2
119	31.6	26.2	39.2

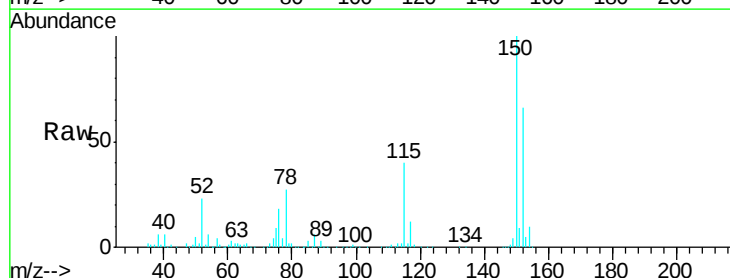


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

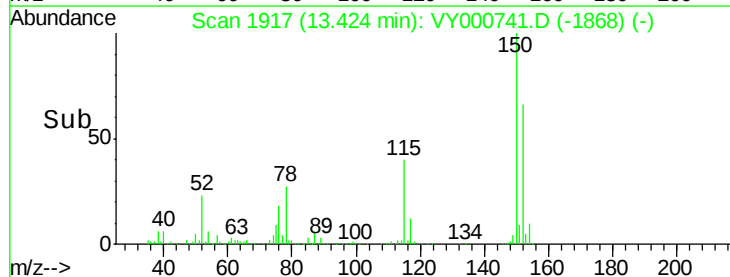
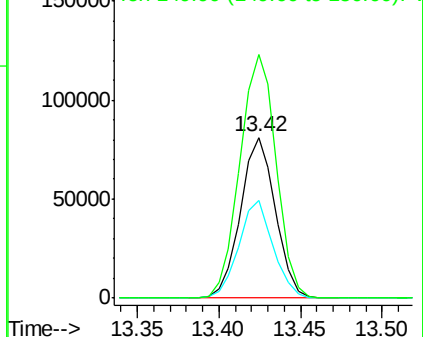


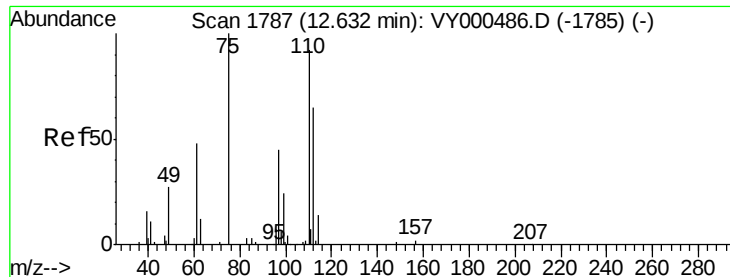
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000741.D
Acq: 19 Nov 2019 13:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.5	29.1	87.4
150	157.5	0.0	348.8



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: 49.536 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000741.D

Acq: 19 Nov 2019 13:25

Instrument :

MSVOA_Y

ClientSampleId :

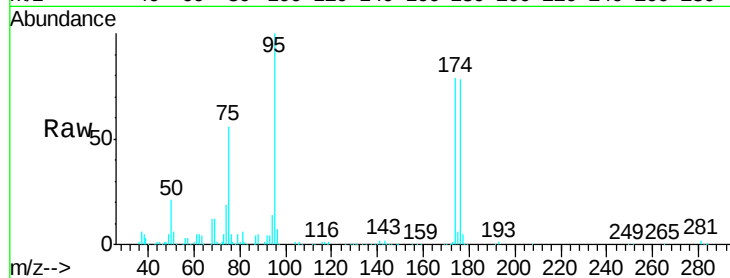
B-8-1-(6-12)RE

Tgt Ion: 75 Resp: 68265

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

12.48

50000

40000

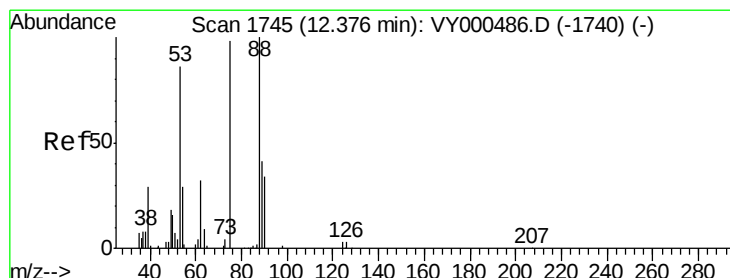
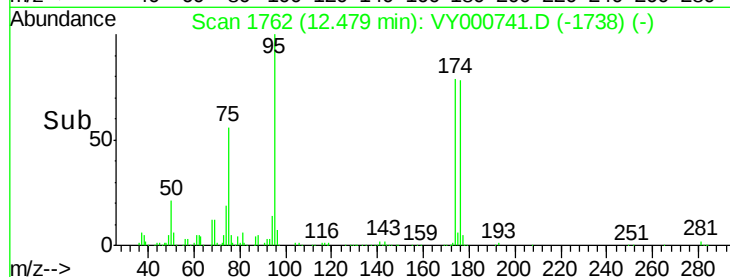
30000

20000

10000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 111.066 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000741.D

Acq: 19 Nov 2019 13:25

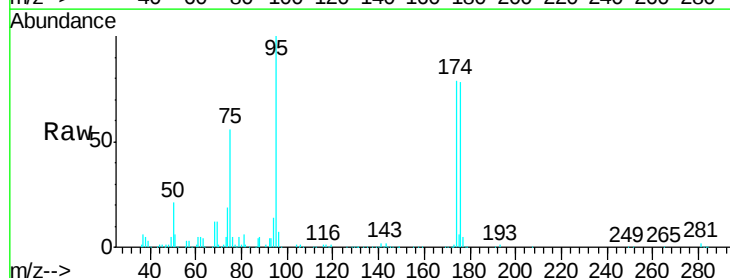
Tgt Ion: 75 Resp: 68265

Ion Ratio Lower Upper

75 100

53 0.0 73.2 109.8#

89 0.2 35.9 53.9#



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

12.48

60000

50000

40000

30000

20000

10000

0

Time-->

