

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY103119\
 Data File : VY000503.D
 Acq On : 31 Oct 2019 14:16
 Operator : SY/MD
 Sample : K5147-08
 Misc : 6.95G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

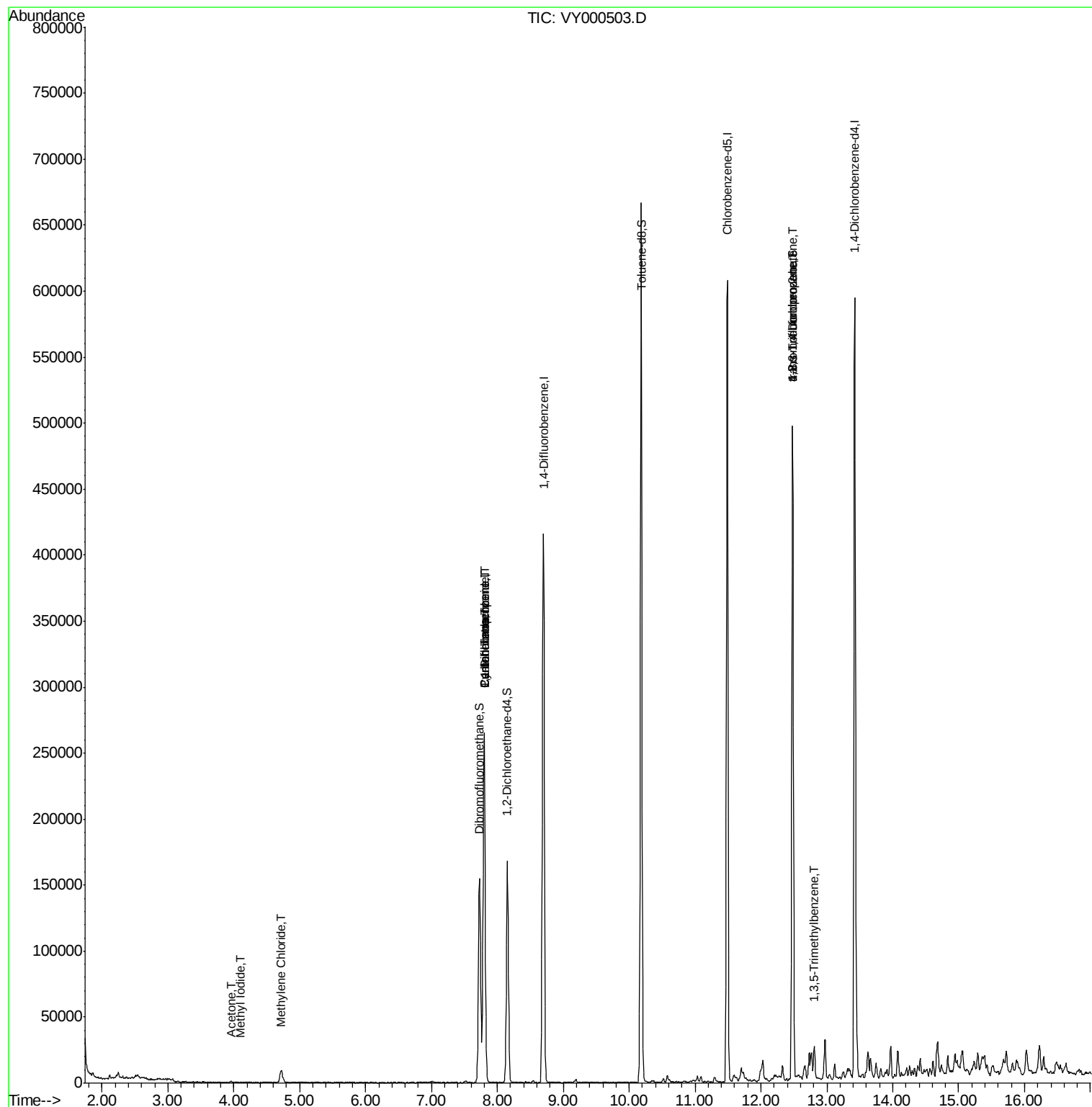
Quant Time: Nov 01 05:51:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

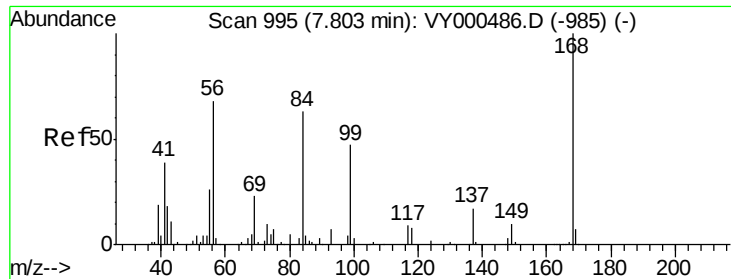
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	207533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	360001	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	323752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	145189	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	125573	58.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.94%	
35) Dibromofluoromethane	7.73	113	107961	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	
50) Toluene-d8	10.18	98	421517	52.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.12%	
62) 4-Bromofluorobenzene	12.48	95	142638	46.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.44%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.10	142	349	3.316	ug/l #	51
16) Acetone	3.97	43	1287	2.174	ug/l #	71
20) Methylene Chloride	4.71	84	3309	1.305	ug/l #	84
31) Cyclohexane	7.80	56	4741	1.140	ug/l #	37
36) 1,1-Dichloropropene	7.80	75	16007	4.703	ug/l #	46
38) Carbon Tetrachloride	7.80	117	20516	6.265	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	76555	46.308	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.81	105	9489	1.062	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.48	75	76555	103.828	ug/l #	13

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000503.D

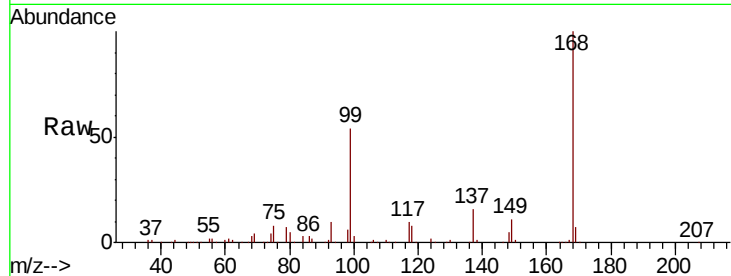
Acq: 31 Oct 2019 14:16

Tot Ion:168 Resp: 207533

Ion Ratio Lower Upper

168 100

99 53.5 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0

7.80

100000

80000

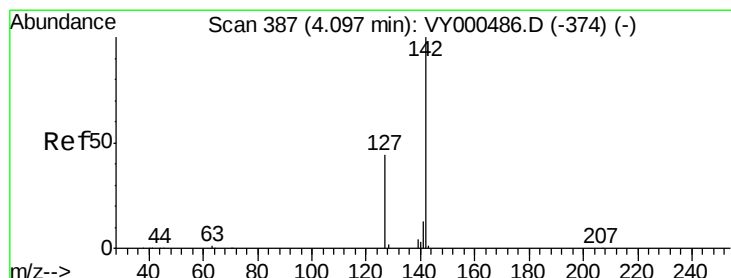
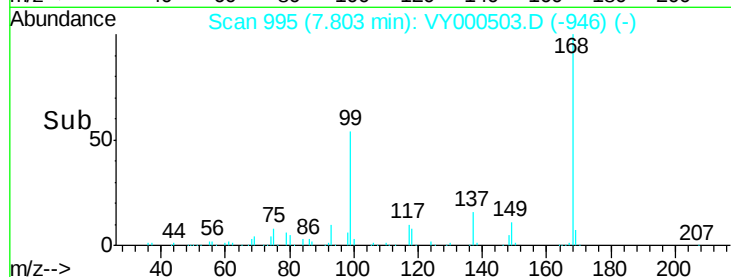
60000

40000

20000

0

Time-->



#10

Methyl Iodide

Concen: 3.316 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.01 min

Lab File: VY000503.D

Acq: 31 Oct 2019 14:16

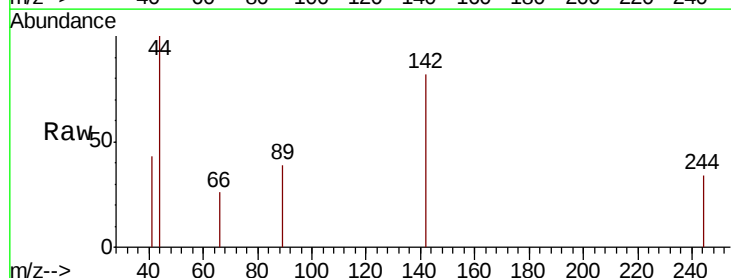
Tgt Ion:142 Resp: 349

Ion Ratio Lower Upper

142 100

127 7.7 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

250

200

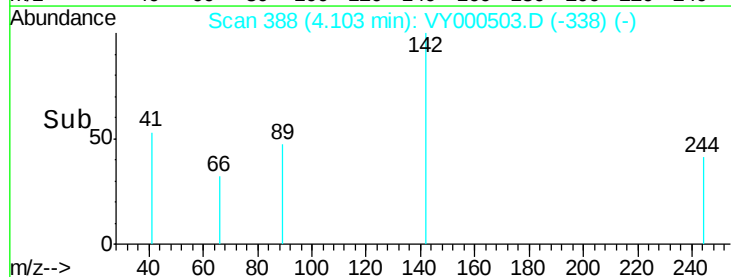
150

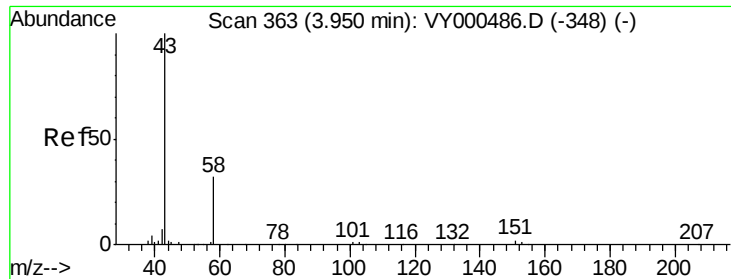
100

50

0

Time-->





#16

Acetone

Concen: 2.174 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.02 min

Lab File: VY000503.D

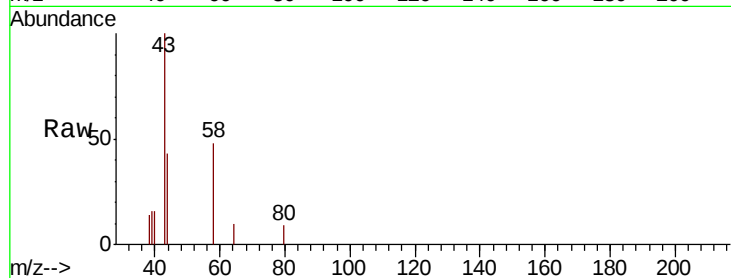
Acq: 31 Oct 2019 14:16

Tot Ion: 43 Resp: 1287

Ion Ratio Lower Upper

43 100

58 48.3 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.97

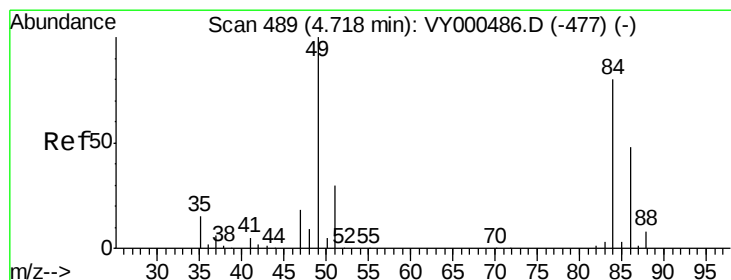
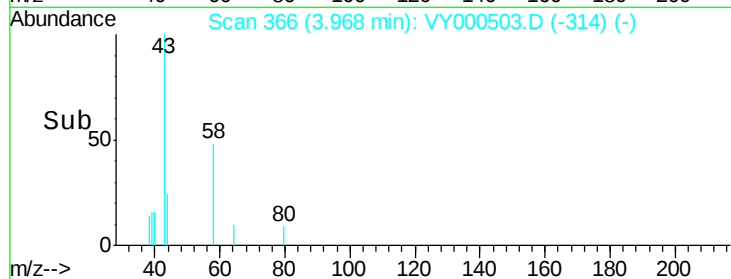
400

200

0

3.90 3.95 4.00 4.05

Time-->



#20

Methylene Chloride

Concen: 1.305 ug/l

RT: 4.71 min Scan# 487

Delta R.T. -0.01 min

Lab File: VY000503.D

Acq: 31 Oct 2019 14:16

Tgt Ion: 84 Resp: 3309

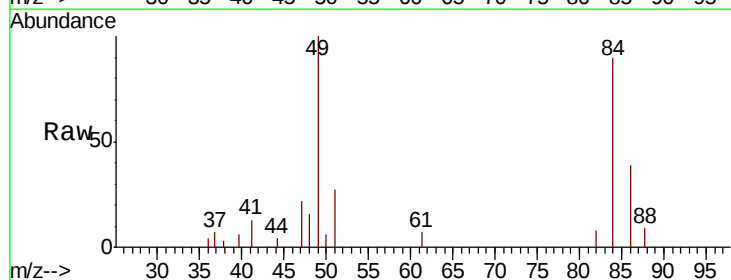
Ion Ratio Lower Upper

84 100

49 111.1 100.2 150.4

51 27.4 29.6 44.4#

86 43.2 48.3 72.5#



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

4000

3000

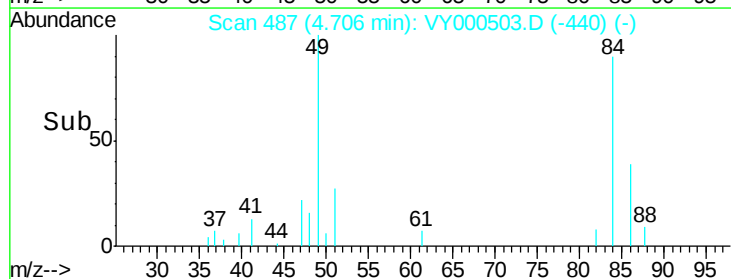
2000

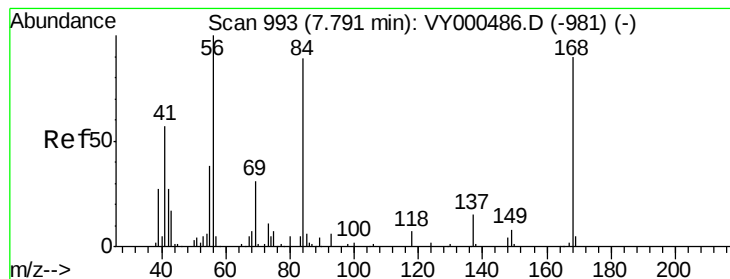
1000

0

4.65 4.70

Time-->





#31

Cyclohexane

Concen: 1.140 ug/l

RT: 7.80 min Scan# 994

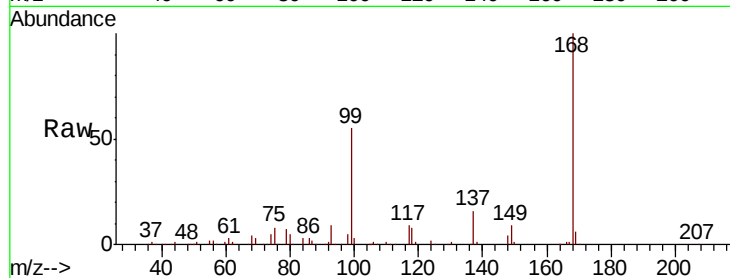
Delta R.T. 0.01 min

Lab File: VY000503.D

Acq: 31 Oct 2019 14:16

Tot Ion: 56 Resp: 4741

Ion	Ratio	Lower	Upper
56	100		
69	140.5	25.0	37.6#
84	103.5	71.4	107.2

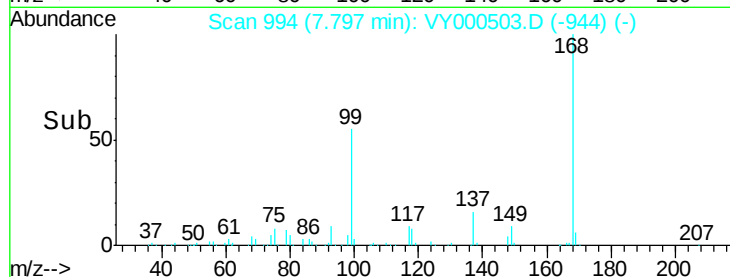


Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0

Time--> 7.70 7.75 7.80 7.85



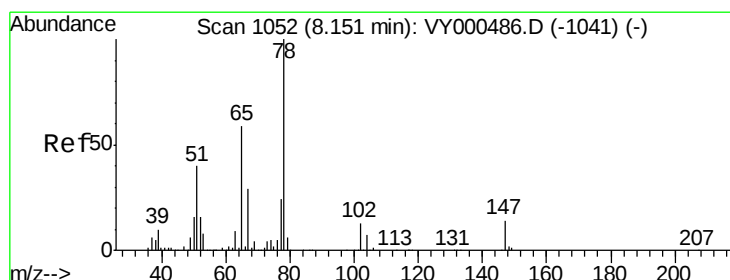
Abundance

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

Time--> 7.70 7.75 7.80 7.85



#33

1,2-Dichloroethane-d4

Concen: 58.469 ug/l

RT: 8.15 min Scan# 1052

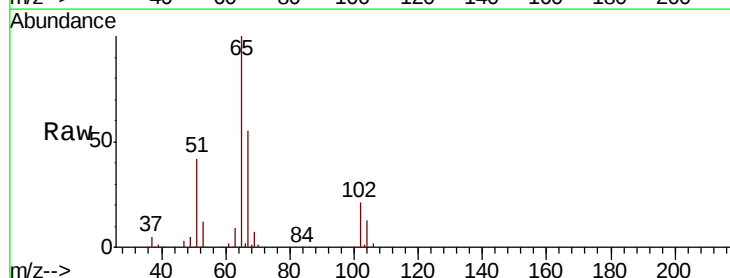
Delta R.T. -0.00 min

Lab File: VY000503.D

Acq: 31 Oct 2019 14:16

Tgt Ion: 65 Resp: 125573

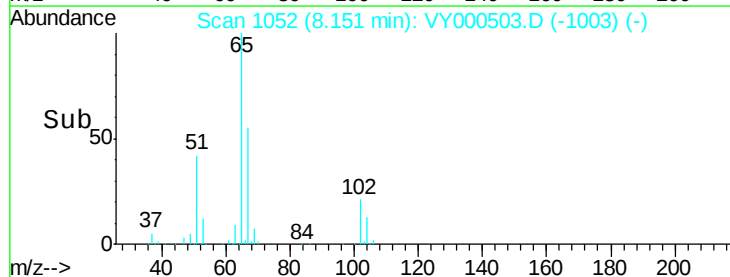
Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	107.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

Time--> 8.05 8.10 8.15 8.20 8.25

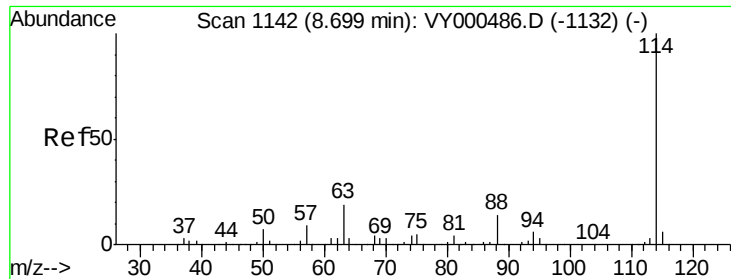


Abundance

Ion 64.90 (64.60 to 65.60): VY0

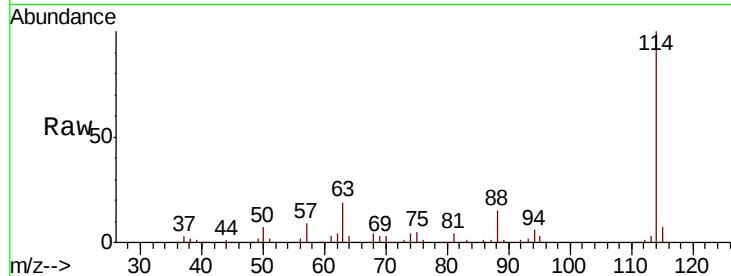
Ion 66.90 (66.60 to 67.60): VY0

Time--> 8.05 8.10 8.15 8.20 8.25

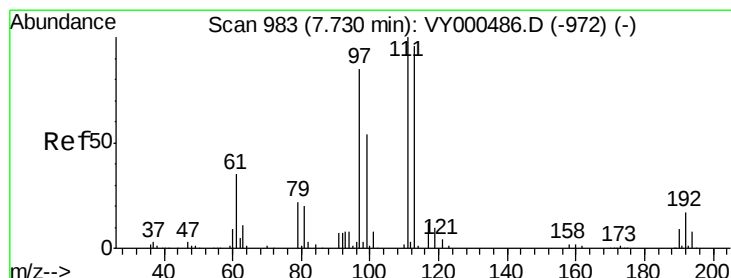
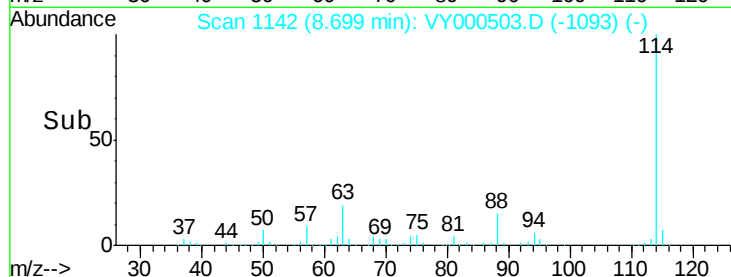
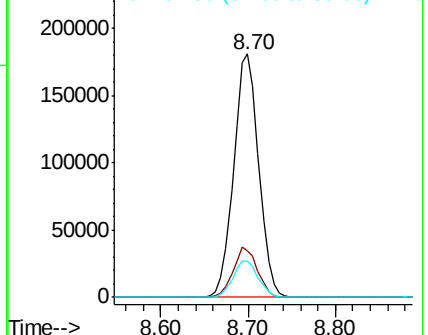


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VY000503.D
Acq: 31 Oct 2019 14:16

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	38.0
88	14.9	0.0	28.6

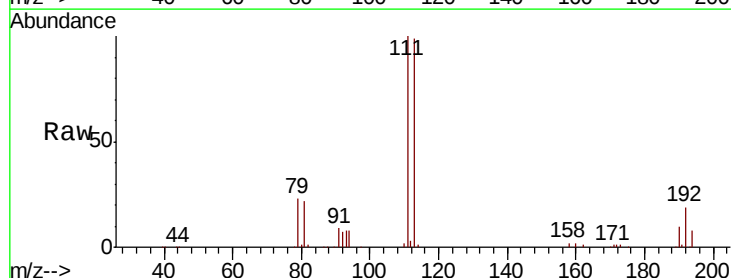


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

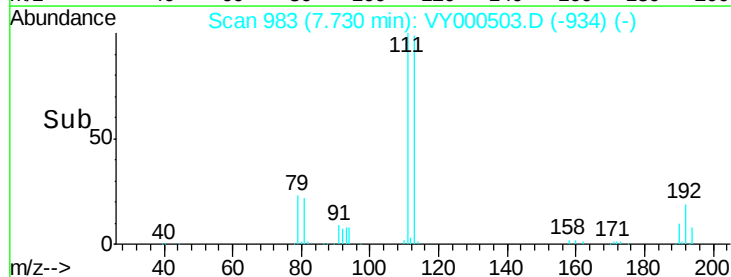
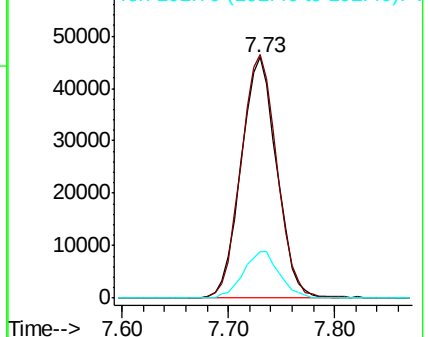


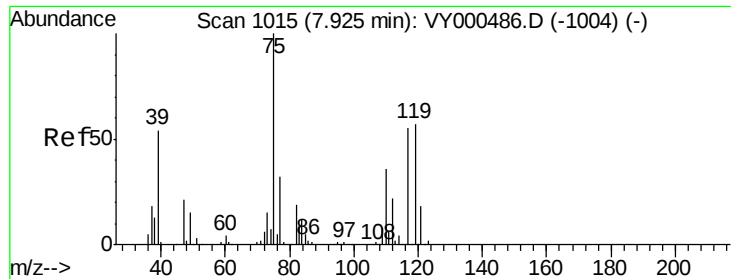
#35
Dibromofluoromethane
Concen: 51.083 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000503.D
Acq: 31 Oct 2019 14:16

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.7	122.5
192	19.6	15.0	22.4



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: 4.703 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.12 min

Lab File: VY000503.D

Acq: 31 Oct 2019 14:16

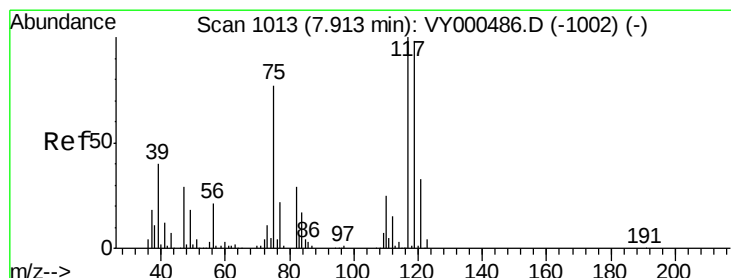
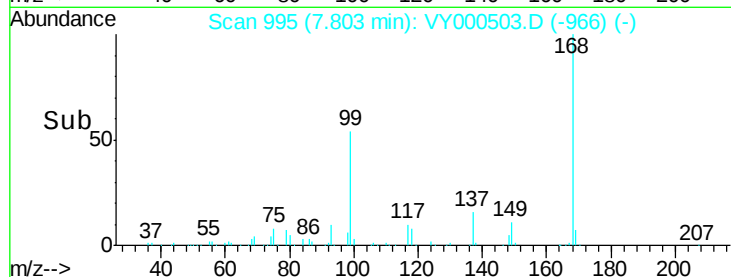
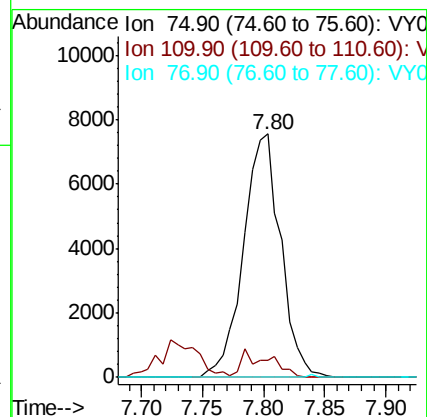
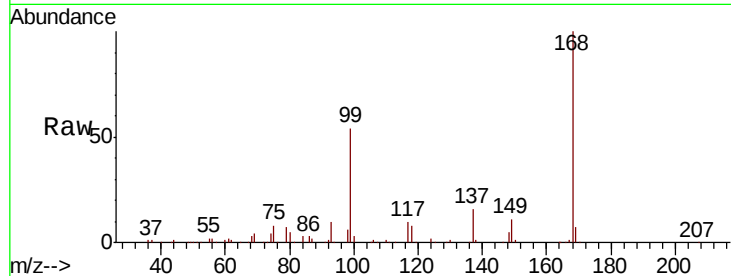
Tot Ion: 75 Resp: 16007

Ion Ratio Lower Upper

75 100

110 5.1 18.1 54.1#

77 0.0 25.0 37.6#



#38

Carbon Tetrachloride

Concen: 6.265 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.11 min

Lab File: VY000503.D

Acq: 31 Oct 2019 14:16

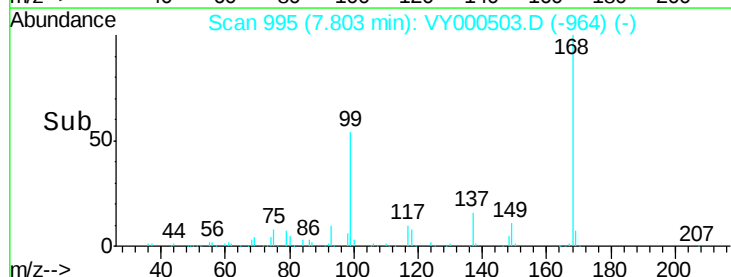
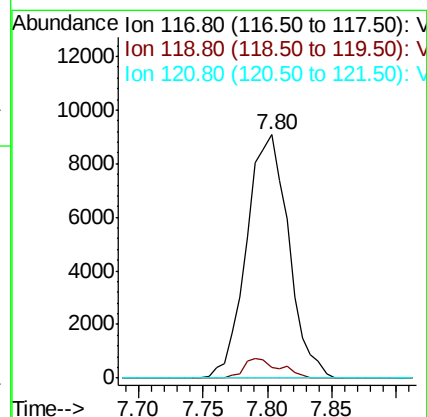
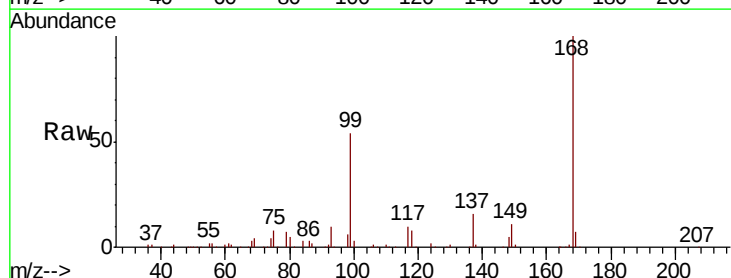
Tgt Ion: 117 Resp: 20516

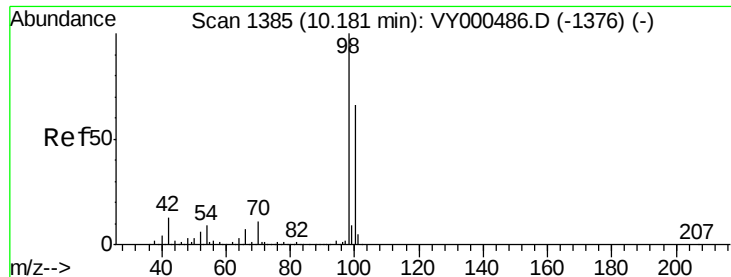
Ion Ratio Lower Upper

117 100

119 4.3 78.0 117.0#

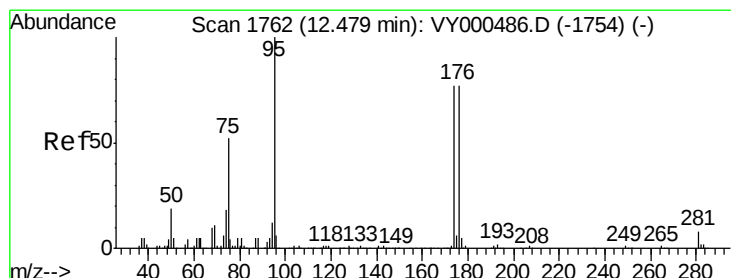
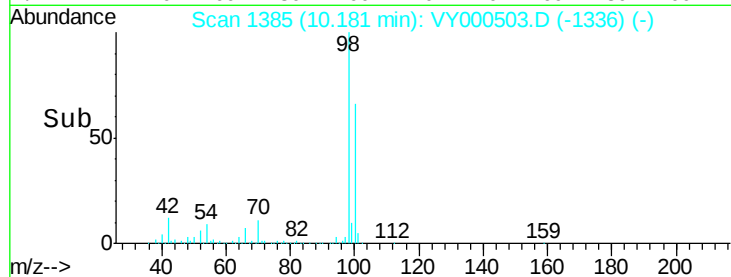
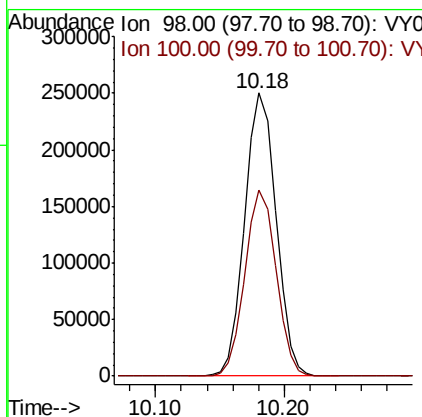
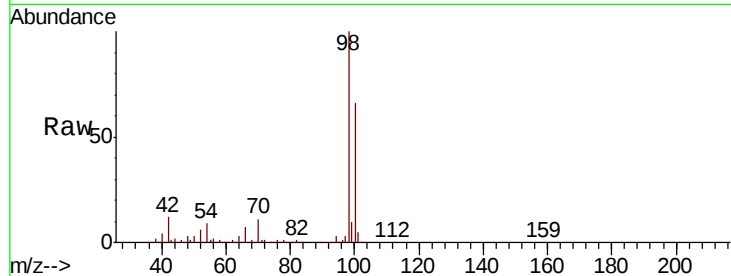
121 0.0 26.6 40.0#





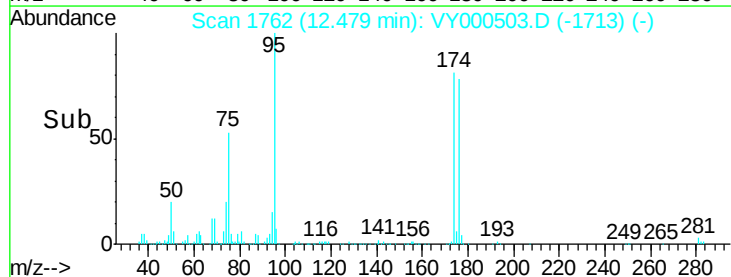
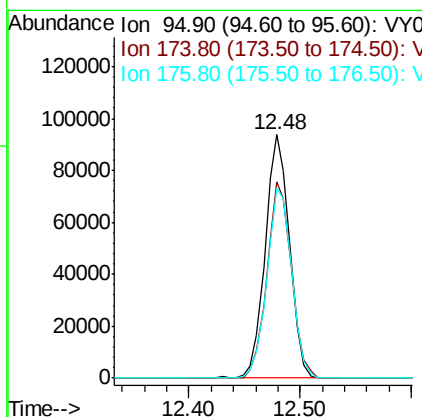
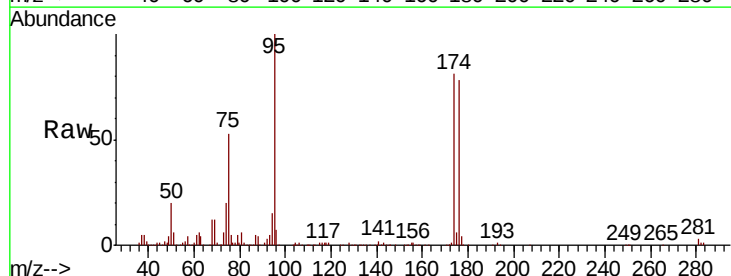
#50
Toluene-d8
Concen: 52.562 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000503.D
Acq: 31 Oct 2019 14:16

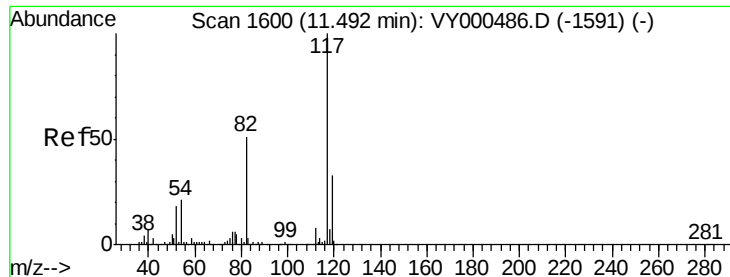
Tot Ion: 98 Resp: 421517
Ion Ratio Lower Upper
98 100
100 65.4 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 46.722 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000503.D
Acq: 31 Oct 2019 14:16

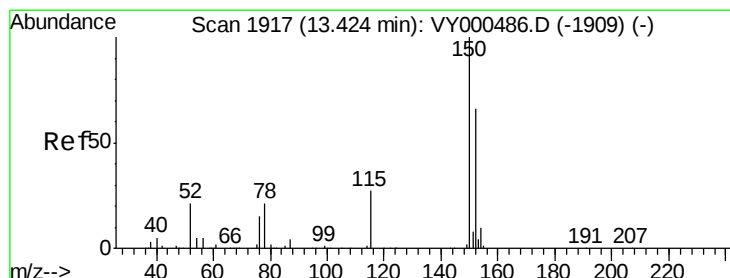
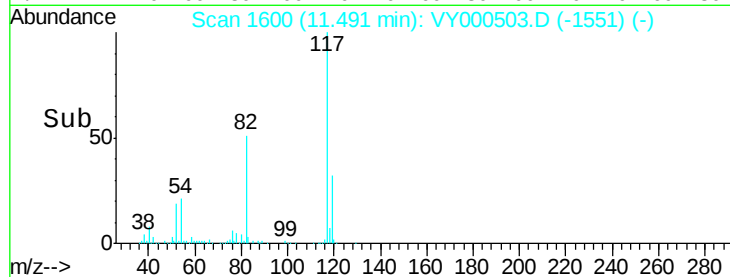
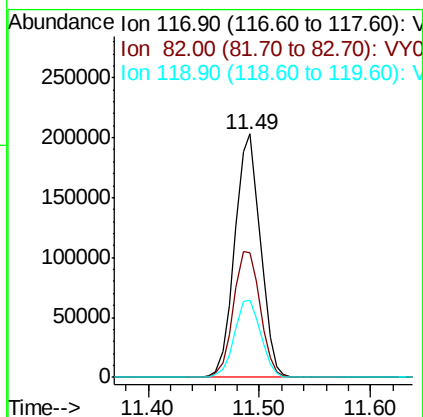
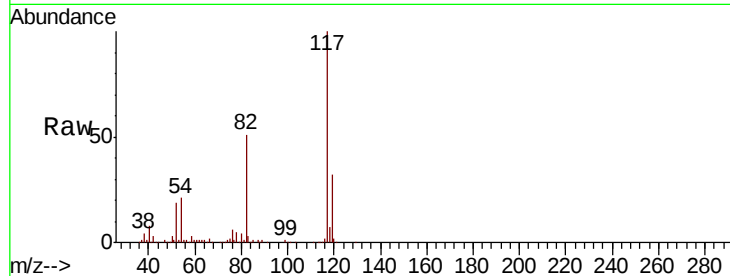
Tgt Ion: 95 Resp: 142638
Ion Ratio Lower Upper
95 100
174 81.3 0.0 161.6
176 79.7 0.0 157.8





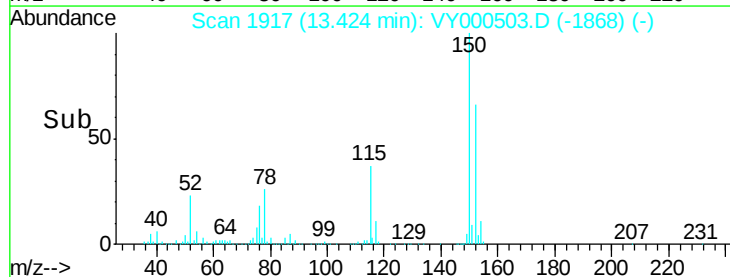
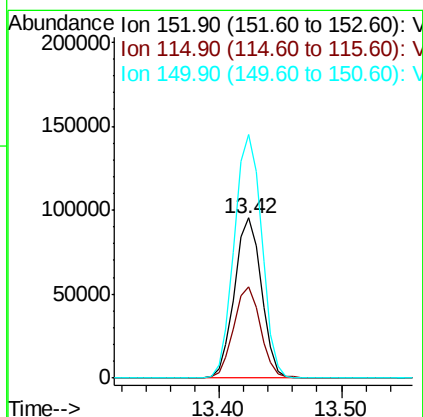
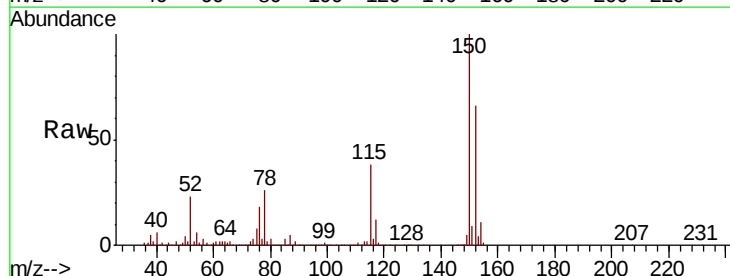
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000503.D
Acq: 31 Oct 2019 14:16

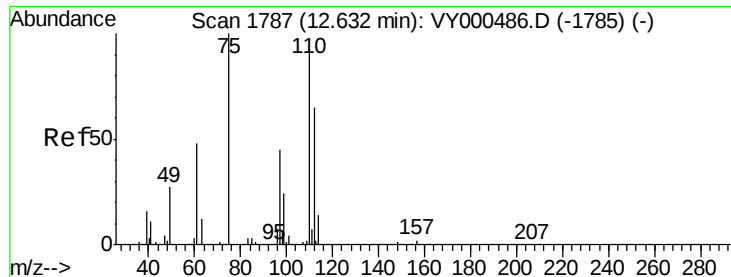
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.2	40.8	61.2
119	31.8	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000503.D
Acq: 31 Oct 2019 14:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	29.1	87.4
150	154.9	0.0	348.8





#76

1,2,3-Trichloropropane

Concen: 46.308 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000503.D

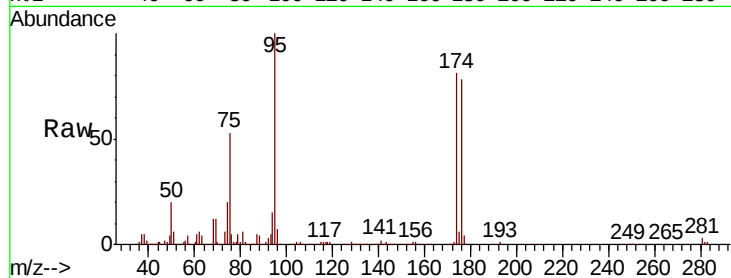
Acq: 31 Oct 2019 14:16

Tot Ion: 75 Resp: 76555

Ion Ratio Lower Upper

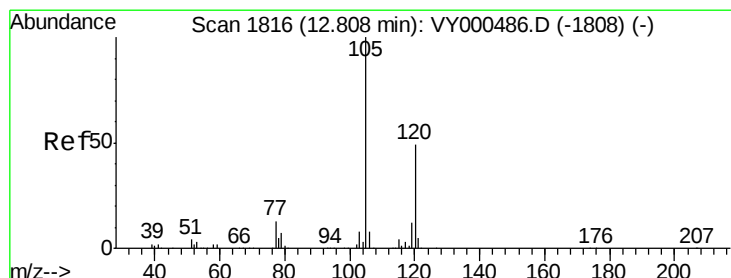
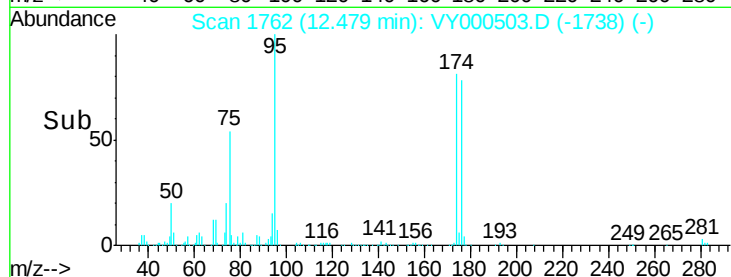
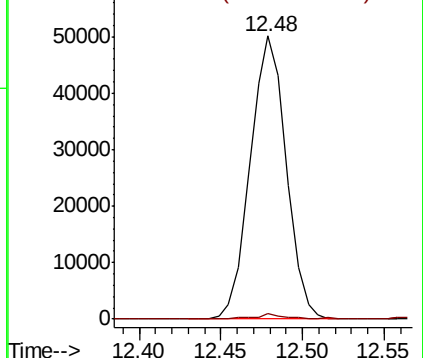
75 100

77 1.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0



#80

1,3,5-Trimethylbenzene

Concen: 1.062 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.01 min

Lab File: VY000503.D

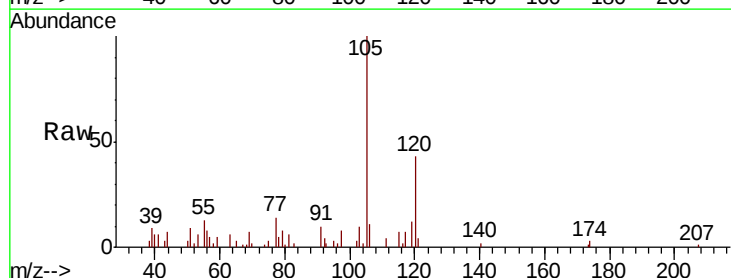
Acq: 31 Oct 2019 14:16

Tgt Ion: 105 Resp: 9489

Ion Ratio Lower Upper

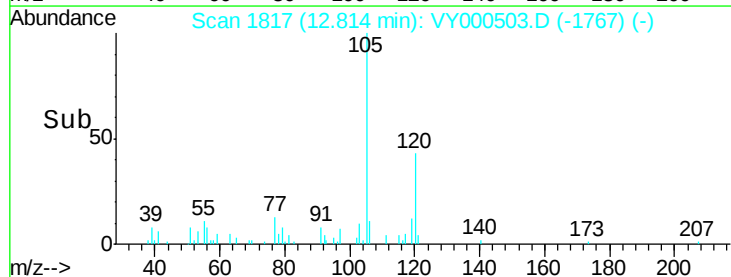
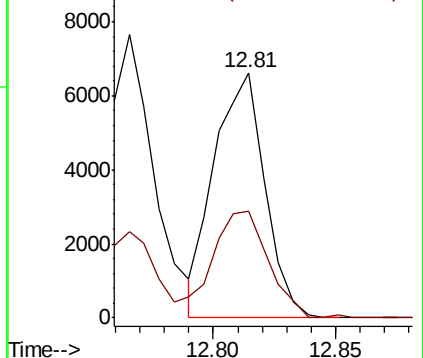
105 100

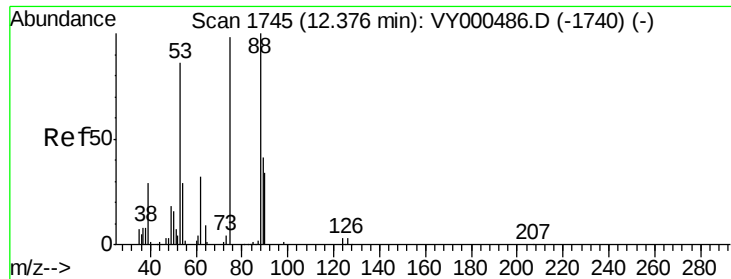
120 48.4 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

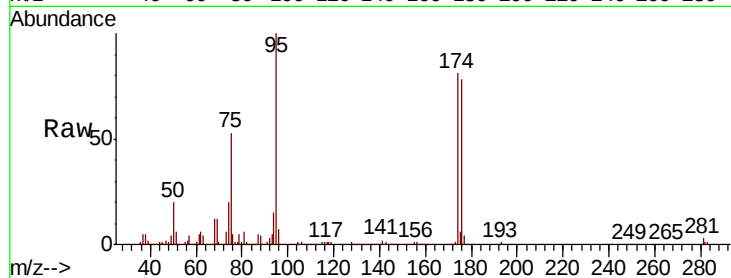
Ion 120.00 (119.70 to 120.70): V





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.828 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.10 min
 Lab File: VY000503.D
 Acq: 31 Oct 2019 14:16

Tot Ion	Ratio	Lower	Upper
75	100		
53	0.1	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

