

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY111819\
 Data File : VY000732.D
 Acq On : 18 Nov 2019 17:10
 Operator : SY/MD
 Sample : K5908-02
 Misc : 6.52G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Nov 18 17:53:45 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	171600	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	321002	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	289631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	120728	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	110943	62.47	ug/l	0.00
Spiked Amount			Recovery	=	124.94%	
35) Dibromofluoromethane	7.73	113	98295	52.16	ug/l	0.00
Spiked Amount			Recovery	=	104.32%	
50) Toluene-d8	10.18	98	375130	52.46	ug/l	0.00
Spiked Amount			Recovery	=	104.92%	
62) 4-Bromofluorobenzene	12.48	95	123984	45.55	ug/l	0.00
Spiked Amount			Recovery	=	91.10%	

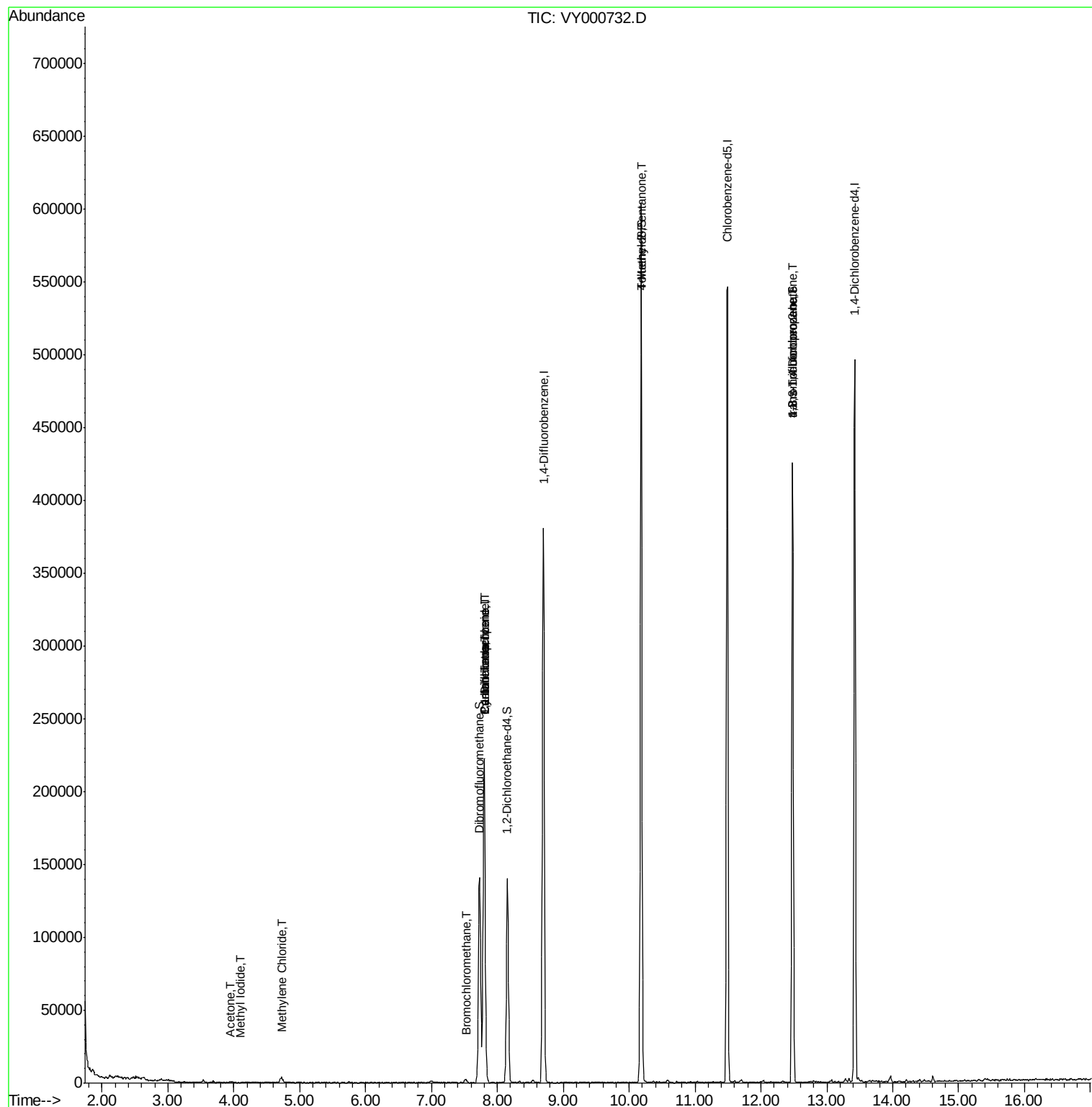
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.10	142	49	3.219	ug/l #	41
16) Acetone	3.94	43	575	1.175	ug/l #	71
20) Methylene Chloride	4.72	84	2568	1.224	ug/l #	63
28) Bromochloromethane	7.54	49	46	4.121	ug/l #	14
31) Cyclohexane	7.80	56	4788	1.393	ug/l #	14
36) 1,1-Dichloropropene	7.80	75	14733	4.855	ug/l #	50
38) Carbon Tetrachloride	7.80	117	17790	6.093	ug/l #	13
51) 4-Methyl-2-Pentanone	10.18	43	1998	1.110	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	66620	48.463	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	66620	108.661	ug/l #	13

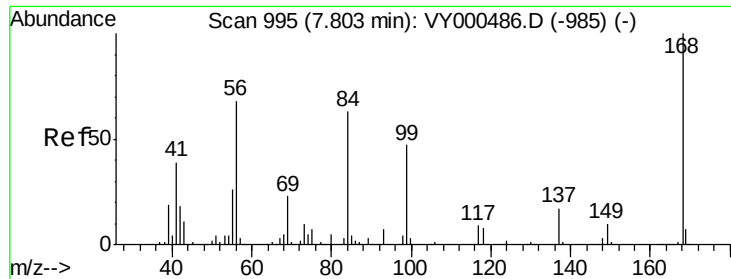
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000732.D

Acq: 18 Nov 2019 17:10

Instrument :

MSVOA_Y

ClientSampleId :

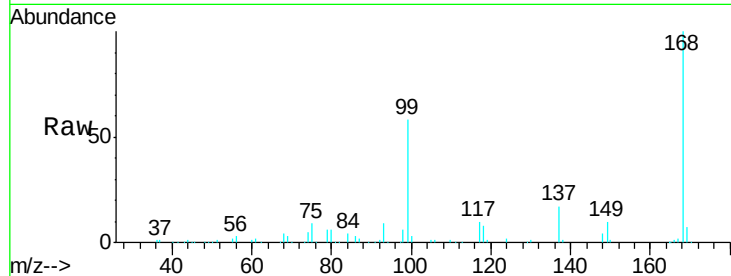
B-8-1-(6-12)

Tgt Ion:168 Resp: 171600

Ion Ratio Lower Upper

168 100

99 57.6 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

80000

60000

40000

20000

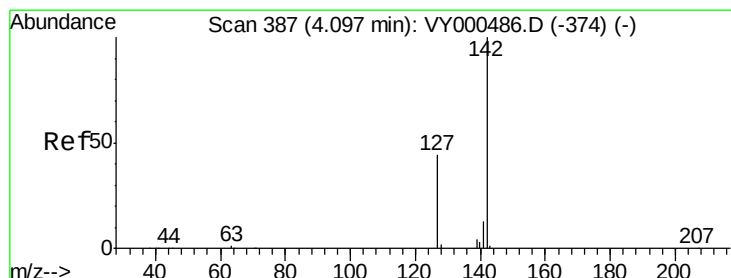
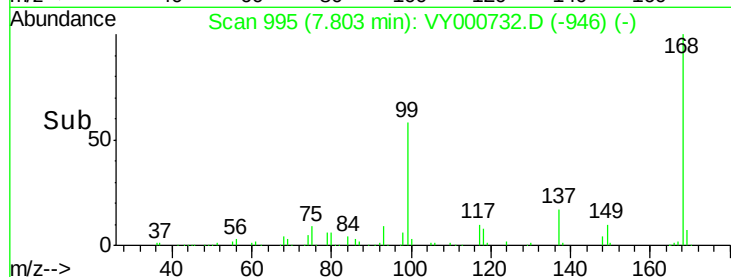
0

Time-->

7.70

7.80

7.90



#10

Methyl Iodide

Concen: 3.219 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.01 min

Lab File: VY000732.D

Acq: 18 Nov 2019 17:10

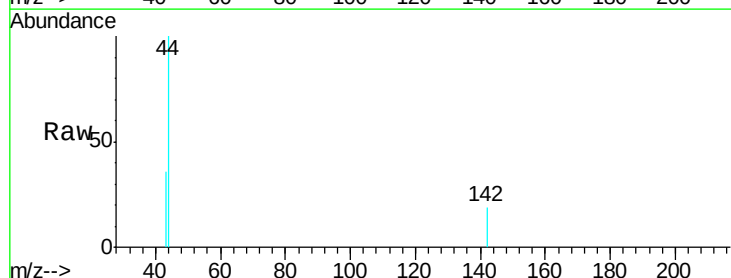
Tgt Ion:142 Resp: 49

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

100

80

60

40

20

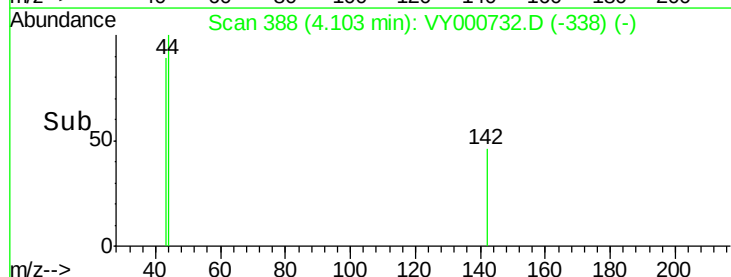
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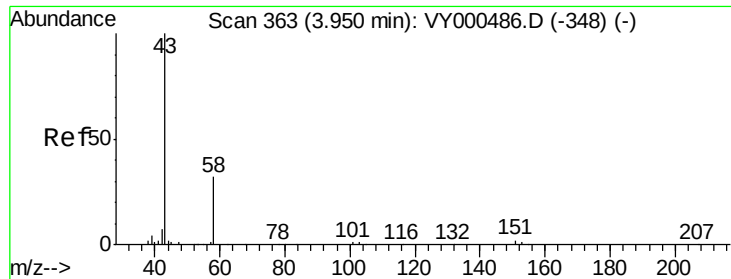
Time-->

4.08

4.10

4.12





#16

Acetone

Concen: 1.175 ug/l

RT: 3.94 min Scan# 361

Delta R.T. -0.01 min

Lab File: VY000732.D

Acq: 18 Nov 2019 17:10

Instrument :

MSVOA_Y

ClientSampleId :

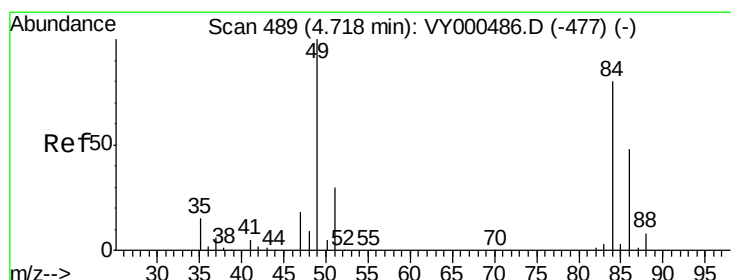
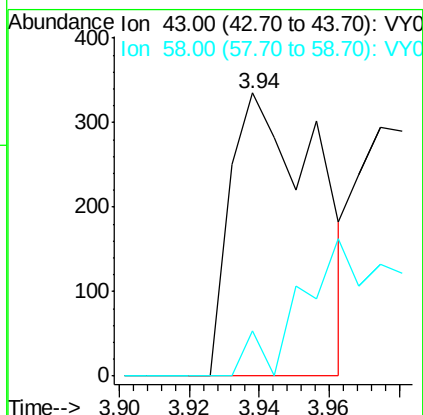
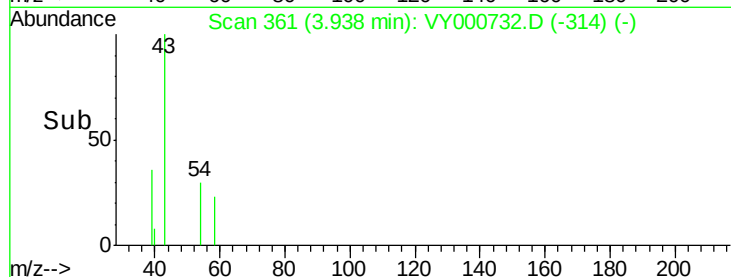
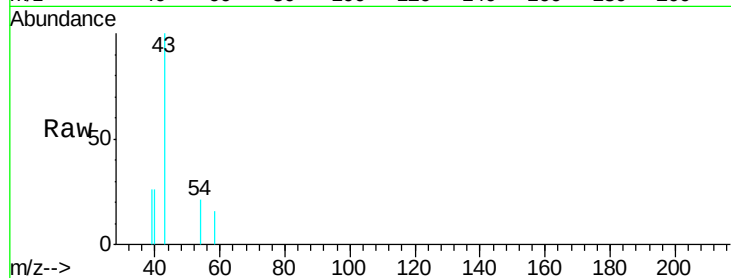
B-8-1-(6-12)

Tgt Ion: 43 Resp: 575

Ion Ratio Lower Upper

43 100

58 16.1 25.8 38.6#



#20

Methylene Chloride

Concen: 1.224 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.01 min

Lab File: VY000732.D

Acq: 18 Nov 2019 17:10

Tgt Ion: 84 Resp: 2568

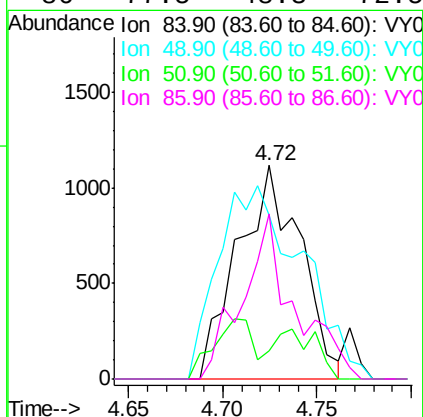
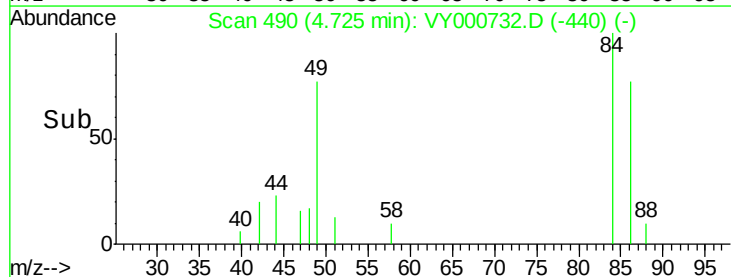
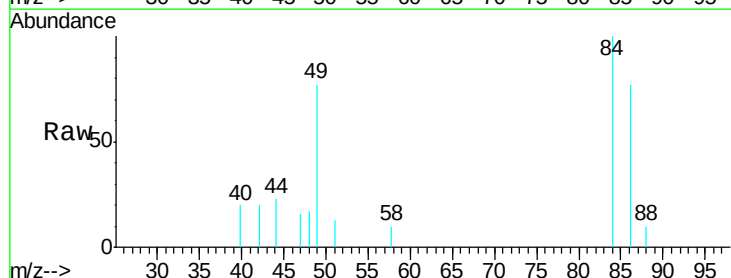
Ion Ratio Lower Upper

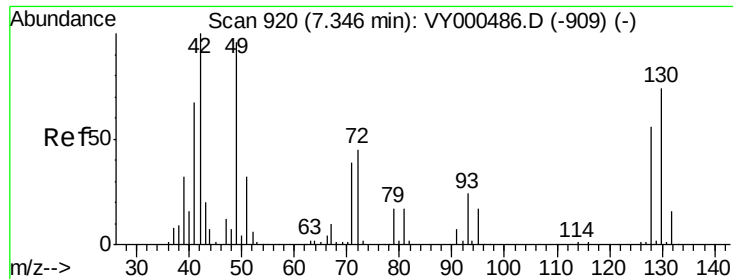
84 100

49 76.9 100.2 150.4#

51 13.1 29.6 44.4#

86 77.5 48.3 72.5#





#28

Bromochloromethane

Concen: 4.121 ug/l

RT: 7.54 min Scan# 951

Delta R.T. 0.19 min

Lab File: VY000732.D

Acq: 18 Nov 2019 17:10

Instrument :

MSVOA_Y

ClientSampled :

B-8-1-(6-12)

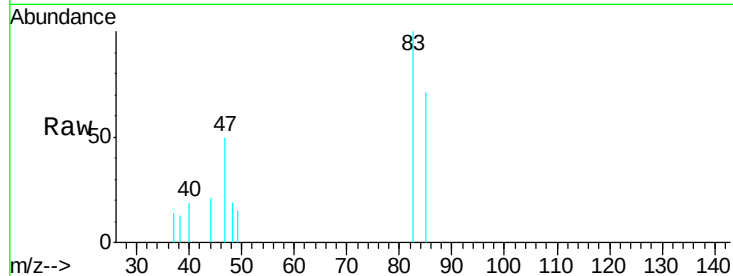
Tgt Ion: 49 Resp: 46

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

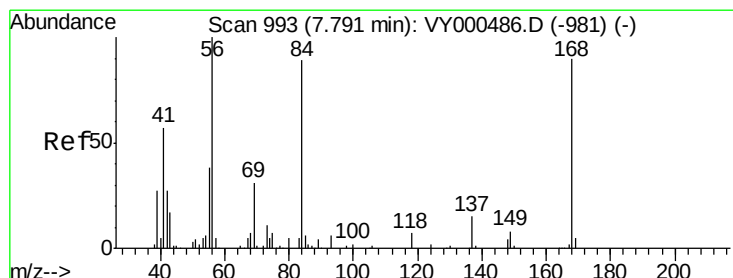
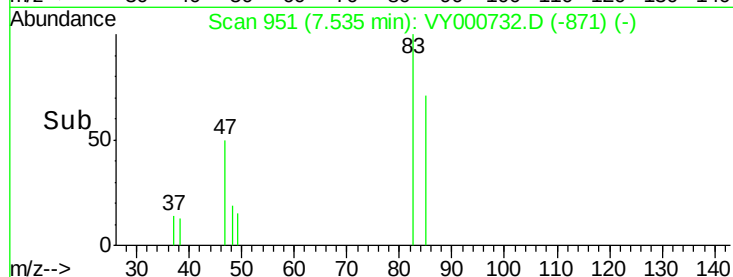
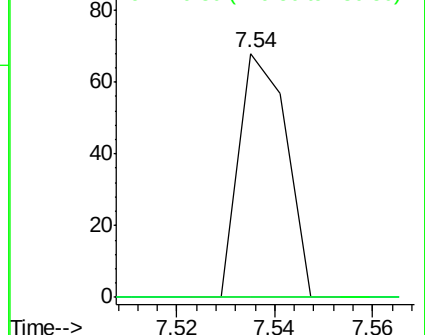
130 0.0 59.4 89.0#



Abundance Ion 48.90 (48.60 to 49.60): VY0

Ion 128.80 (128.50 to 129.50): VY0

Ion 129.80 (129.50 to 130.50): VY0



#31

Cyclohexane

Concen: 1.393 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY000732.D

Acq: 18 Nov 2019 17:10

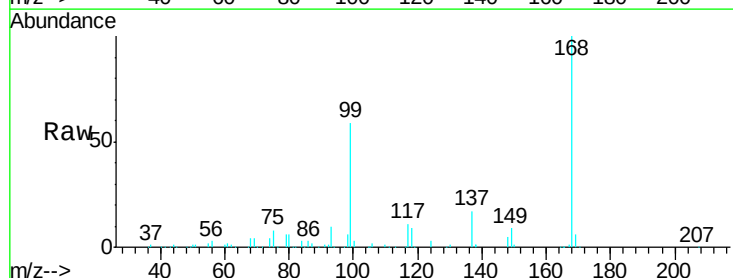
Tgt Ion: 56 Resp: 4788

Ion Ratio Lower Upper

56 100

69 154.1 25.0 37.6#

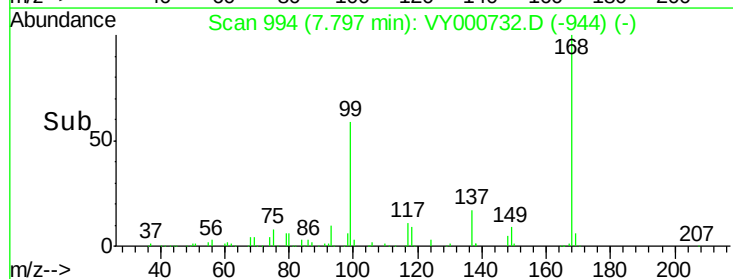
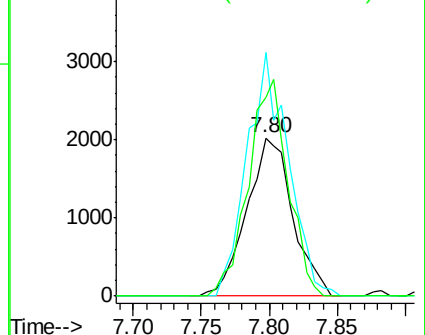
84 125.5 71.4 107.2#

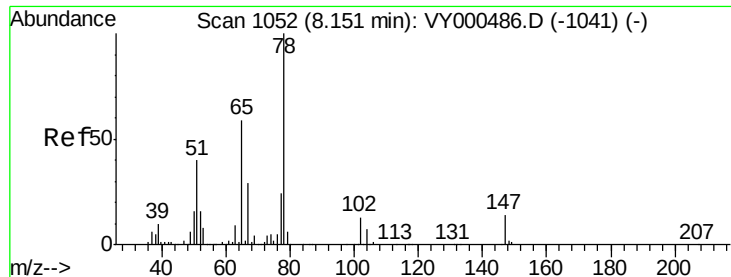


Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0

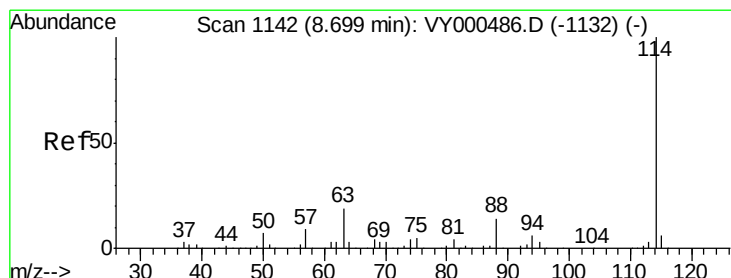
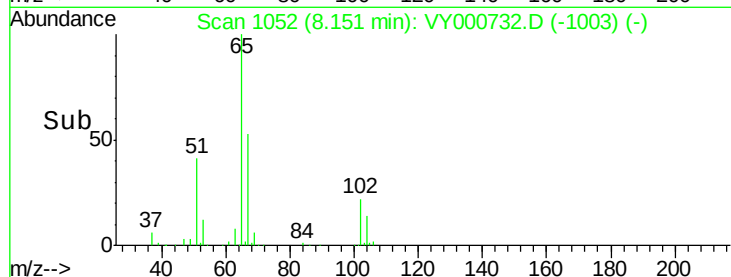
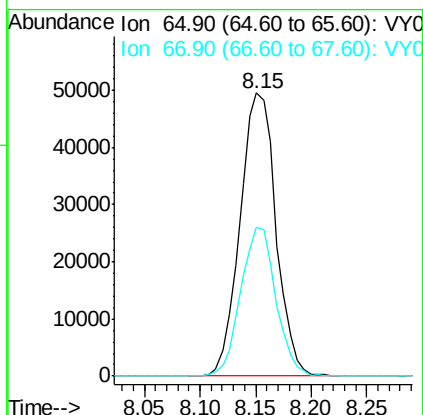
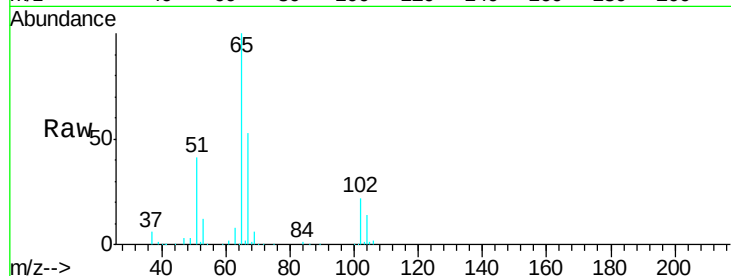




#33
 1,2-Dichloroethane-d4
 Concen: 62.474 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY000732.D
 Acq: 18 Nov 2019 17:10

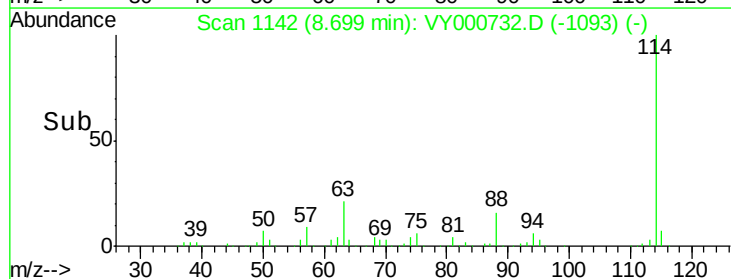
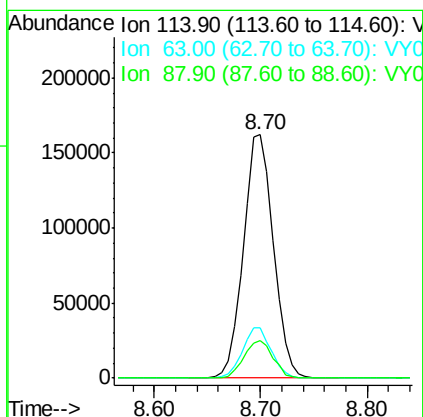
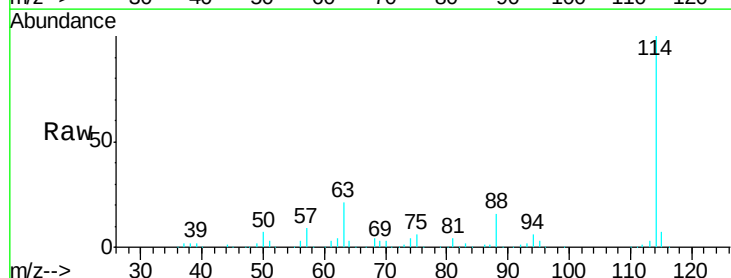
Instrument :
 MSVOA_Y
 ClientSampleId :
 B-8-1-(6-12)

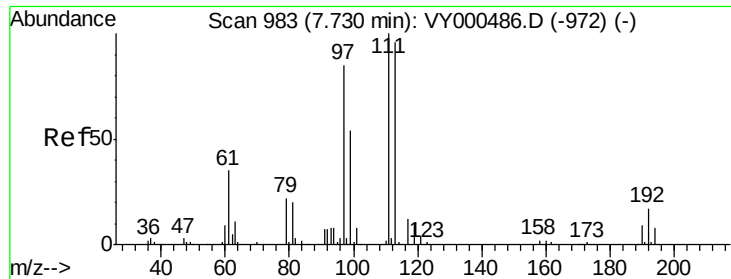
Tgt Ion: 65 Resp: 110943
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000732.D
 Acq: 18 Nov 2019 17:10

Tgt Ion: 114 Resp: 321002
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 38.0
 88 15.6 0.0 28.6

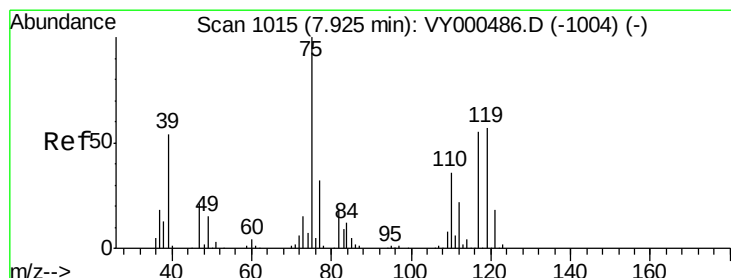
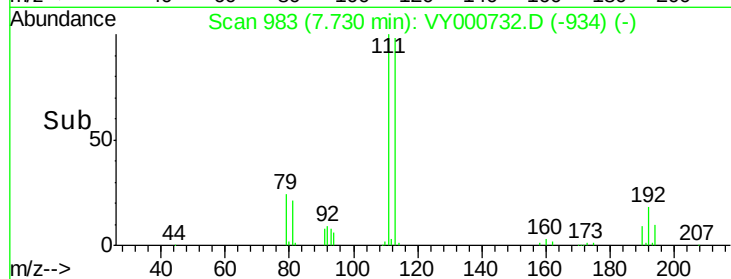
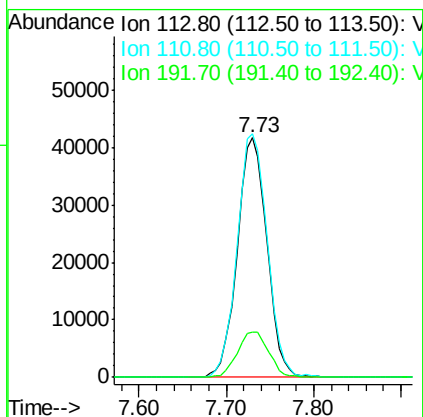
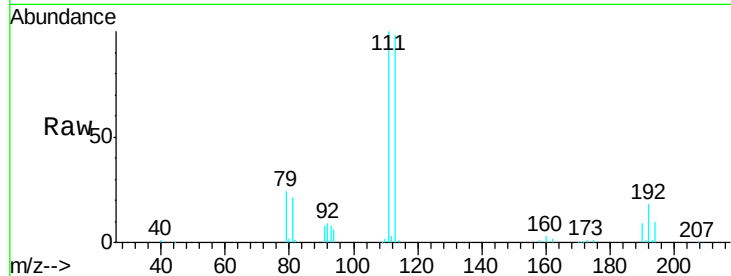




#35
 Dibromofluoromethane
 Concen: 52.160 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000732.D
 Acq: 18 Nov 2019 17:10

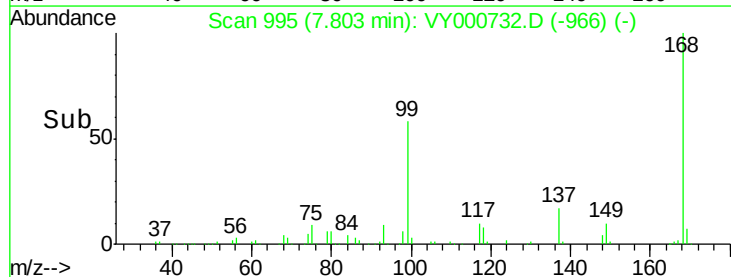
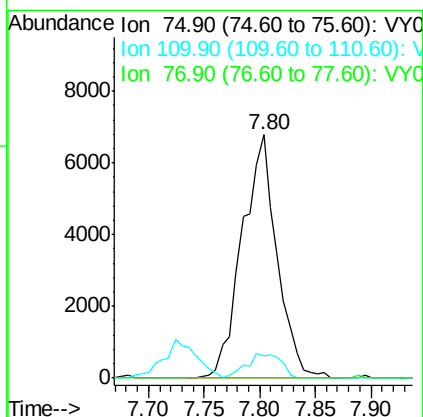
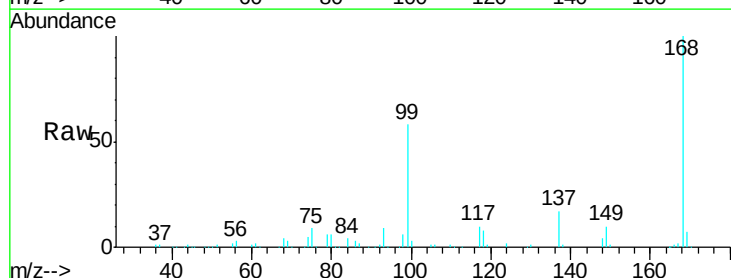
Instrument :
 MSVOA_Y
 ClientSampled :
 B-8-1-(6-12)

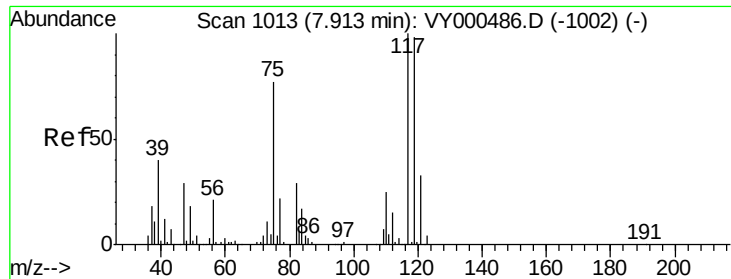
Tgt Ion:113 Resp: 98295
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.7 122.5
 192 19.9 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 4.855 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY000732.D
 Acq: 18 Nov 2019 17:10

Tgt Ion: 75 Resp: 14733
 Ion Ratio Lower Upper
 75 100
 110 10.1 18.1 54.1#
 77 0.0 25.0 37.6#

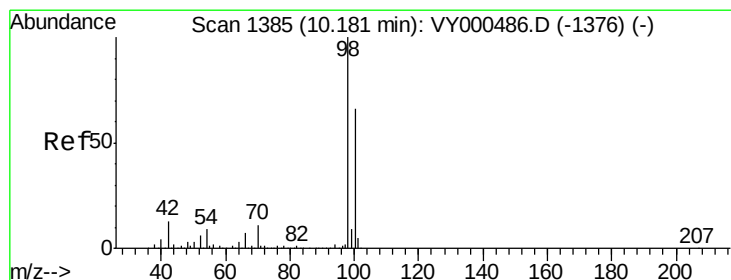
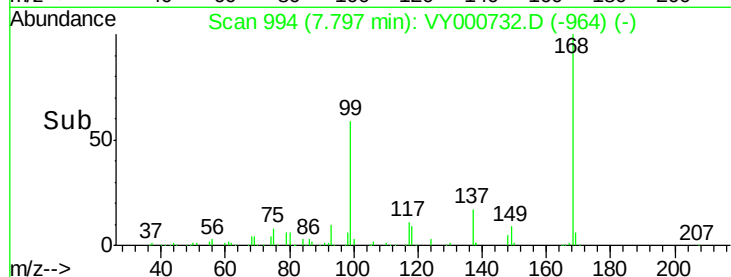
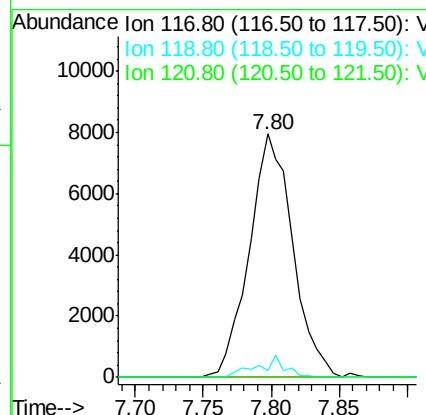
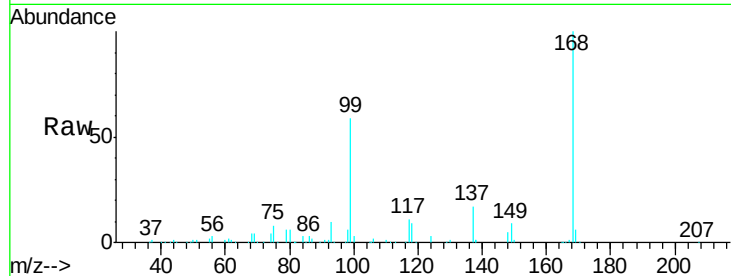




#38
Carbon Tetrachloride
Concen: 6.093 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY000732.D
Acq: 18 Nov 2019 17:10

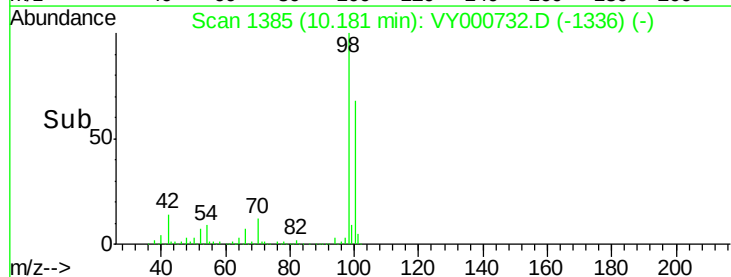
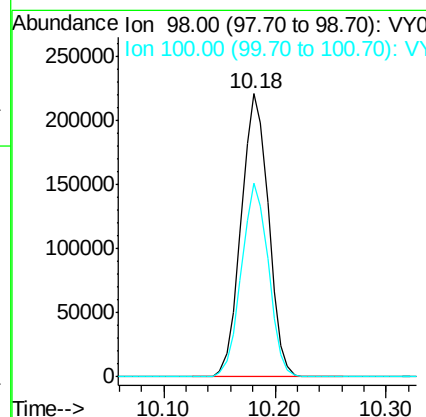
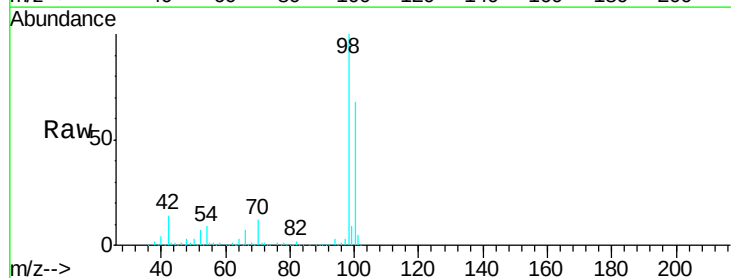
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MSVOA_Y
ClientSampleId :
B-8-1-(6-12)

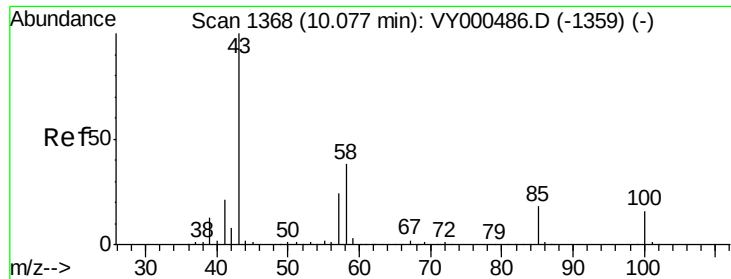
Tgt Ion:117 Resp: 17790
Ion Ratio Lower Upper
117 100
119 2.6 78.0 117.0#
121 0.0 26.6 40.0#



#50
Toluene-d8
Concen: 52.461 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY000732.D
Acq: 18 Nov 2019 17:10

Tgt Ion: 98 Resp: 375130
Ion Ratio Lower Upper
98 100
100 67.8 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 1.110 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.10 min

Lab File: VY000732.D

Acq: 18 Nov 2019 17:10

Instrument :

MSVOA_Y

ClientSampleId :

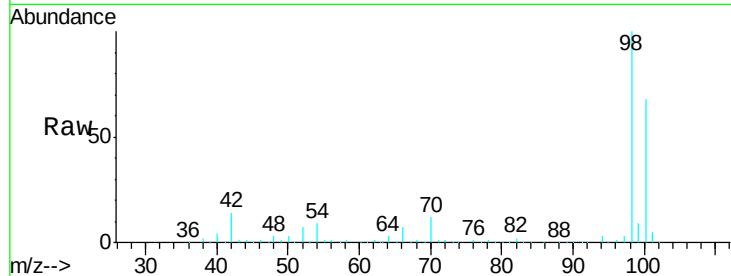
B-8-1-(6-12)

Tgt Ion: 43 Resp: 1998

Ion Ratio Lower Upper

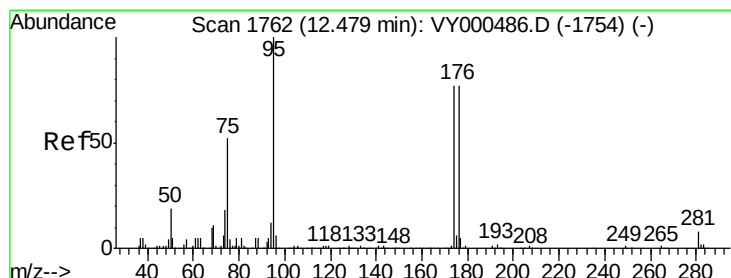
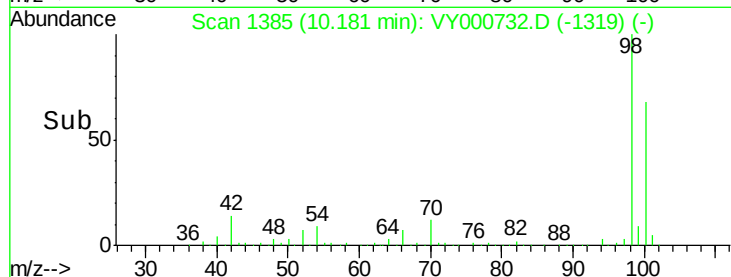
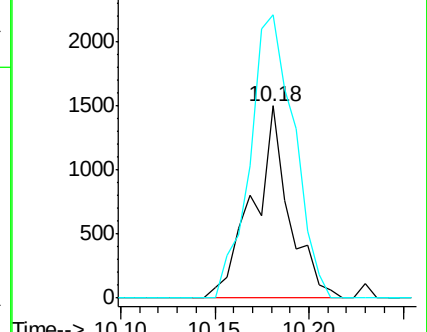
43 100

58 179.6 30.2 45.4#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#62

4-Bromofluorobenzene

Concen: 45.545 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000732.D

Acq: 18 Nov 2019 17:10

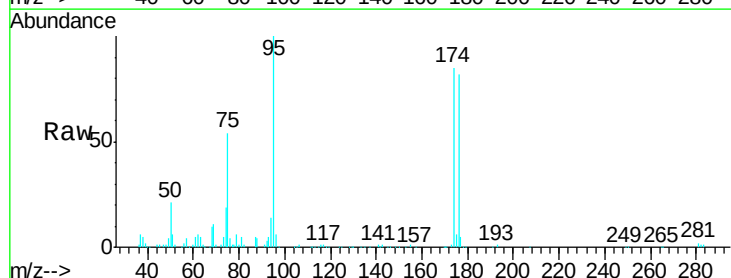
Tgt Ion: 95 Resp: 123984

Ion Ratio Lower Upper

95 100

174 81.9 0.0 161.6

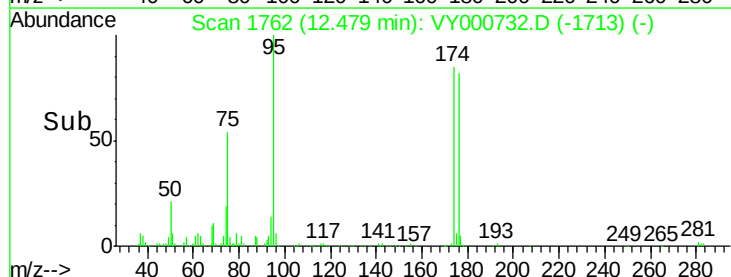
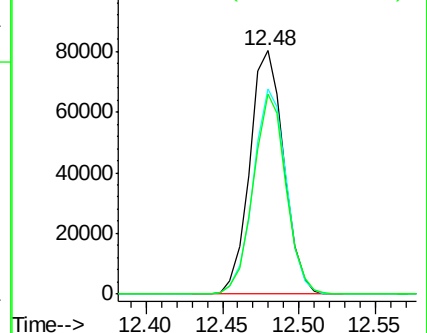
176 79.3 0.0 157.8

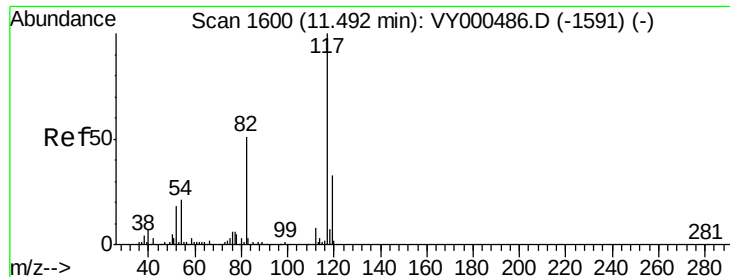


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

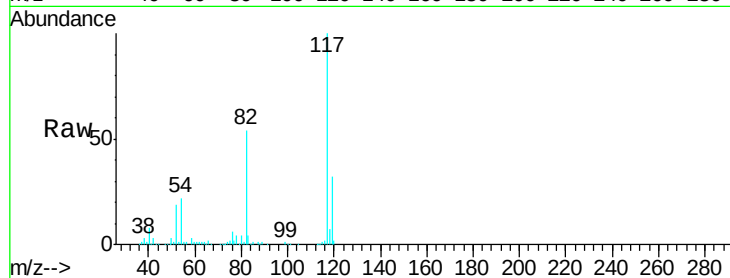




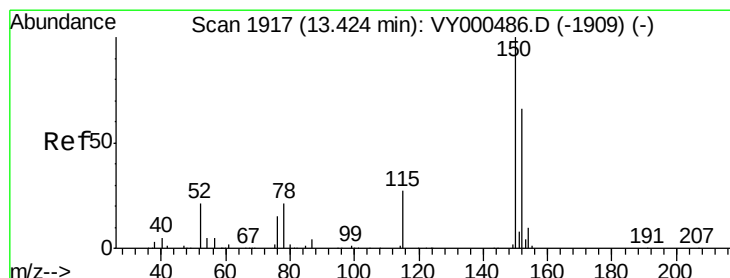
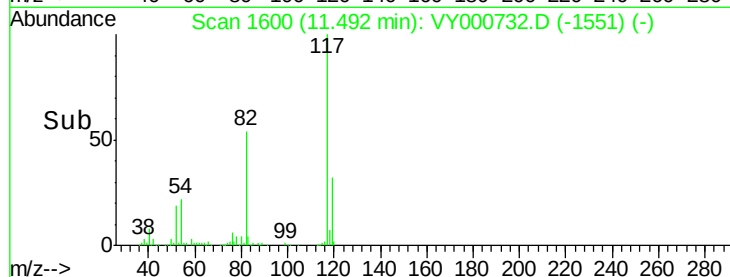
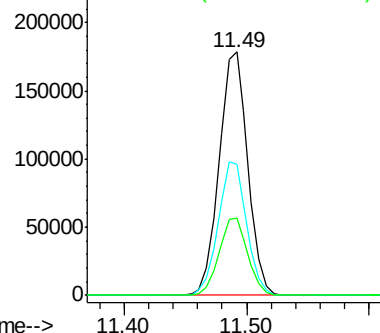
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000732.D
Acq: 18 Nov 2019 17:10

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

Tgt Ion:117 Resp: 289631
Ion Ratio Lower Upper
117 100
82 53.9 40.8 61.2
119 31.8 26.2 39.2

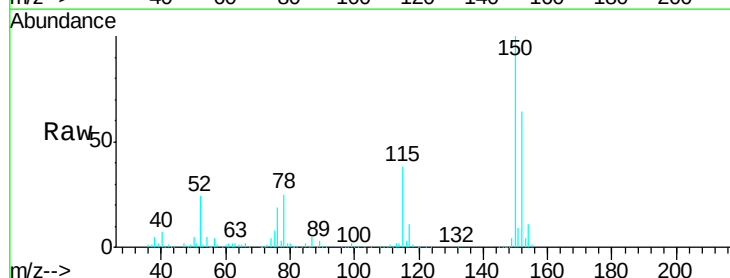


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

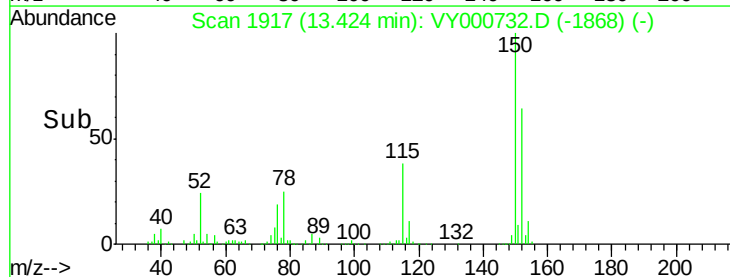
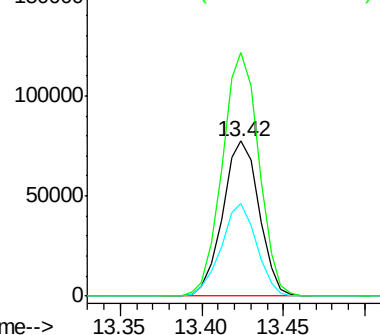


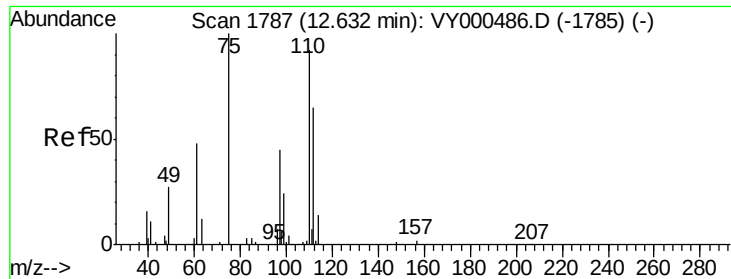
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000732.D
Acq: 18 Nov 2019 17:10

Tgt Ion:152 Resp: 120728
Ion Ratio Lower Upper
152 100
115 58.2 29.1 87.4
150 157.1 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: 48.463 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000732.D

Acq: 18 Nov 2019 17:10

Instrument :

MSVOA_Y

ClientSampleId :

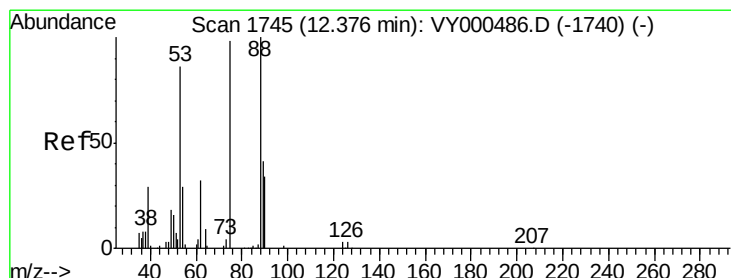
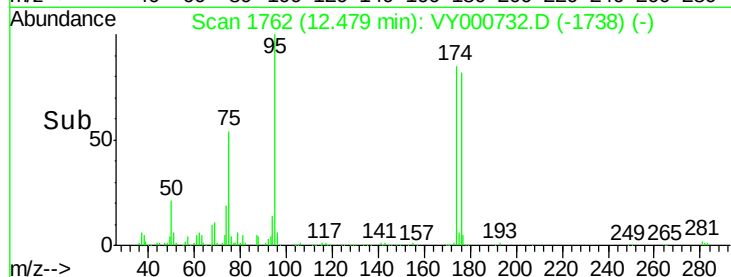
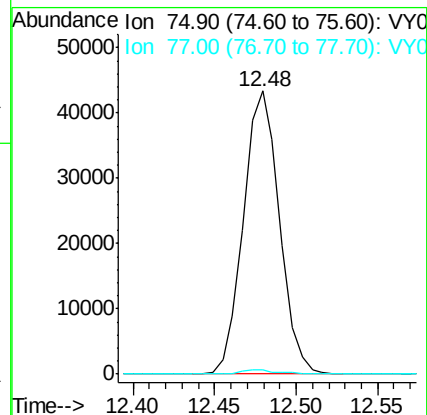
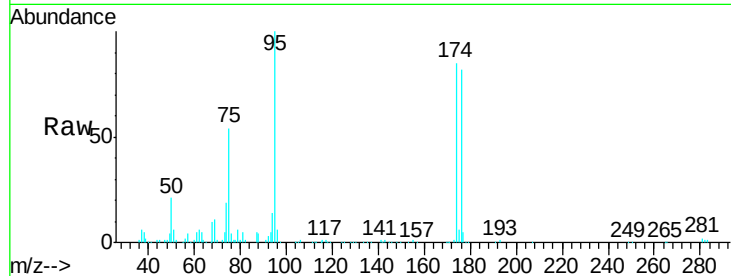
B-8-1-(6-12)

Tgt Ion: 75 Resp: 66620

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 108.661 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000732.D

Acq: 18 Nov 2019 17:10

Tgt Ion: 75 Resp: 66620

Ion Ratio Lower Upper

75 100

53 0.0 73.2 109.8#

89 0.0 35.9 53.9#

