

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY111819\
 Data File : VY000734.D
 Acq On : 18 Nov 2019 17:55
 Operator : SY/MD
 Sample : K5908-04
 Misc : 7.36G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-8-3-(6-12)

Quant Time: Nov 18 18:16:22 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

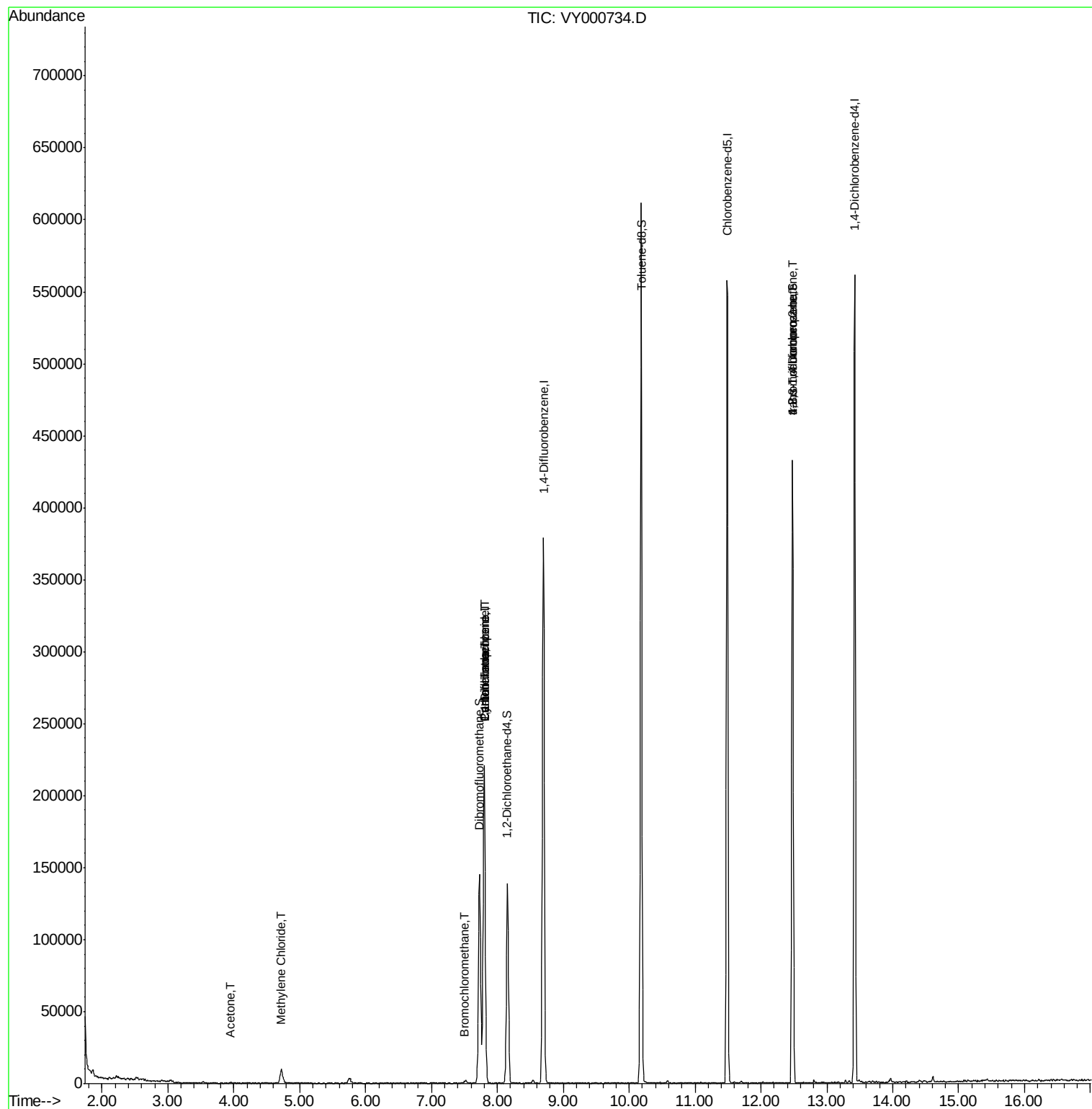
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	170686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	321359	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	292726	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	130979	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	107502	60.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.72%	
35) Dibromofluoromethane	7.73	113	97405	51.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.26%	
50) Toluene-d8	10.18	98	375967	52.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.04%	
62) 4-Bromofluorobenzene	12.48	95	127521	46.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.58%	
Target Compounds						
					Qvalue	
16) Acetone	3.94	43	639	1.313	ug/l	93
20) Methylene Chloride	4.72	84	6337	3.038	ug/l #	76
28) Bromochloromethane	7.50	49	54	4.126	ug/l #	14
31) Cyclohexane	7.80	56	4606	1.347	ug/l #	46
36) 1,1-Dichloropropene	7.80	75	13804	4.544	ug/l #	50
38) Carbon Tetrachloride	7.80	117	16649	5.695	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	67888	45.520	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	67888	102.063	ug/l #	13

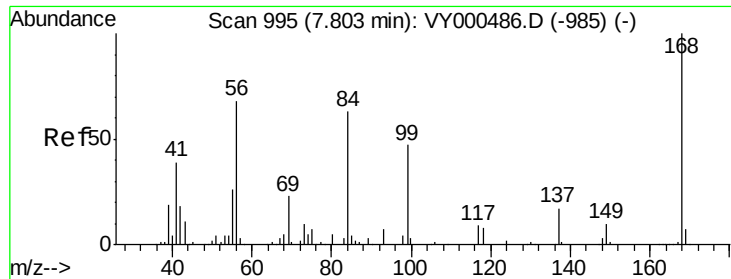
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000734.D

Acq: 18 Nov 2019 17:55

Instrument :

MSVOA_Y

ClientSampled :

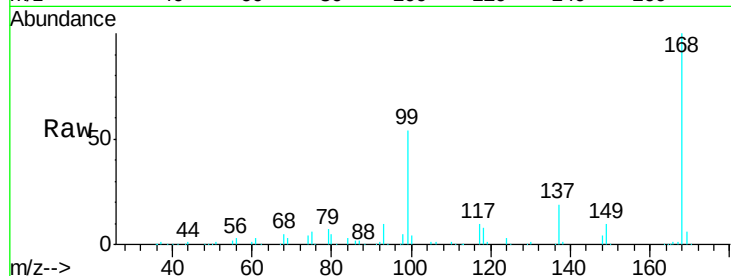
B-8-3-(6-12)

Tgt Ion: 168 Resp: 170686

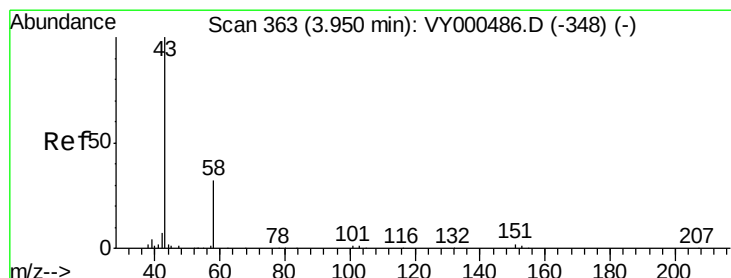
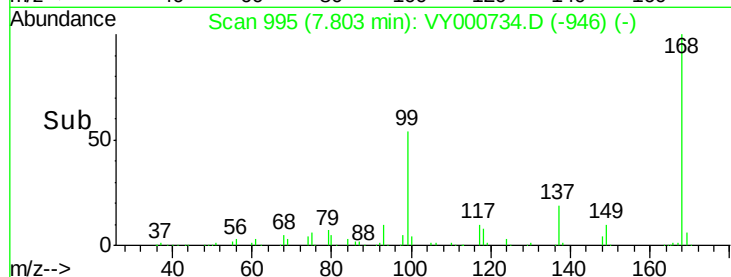
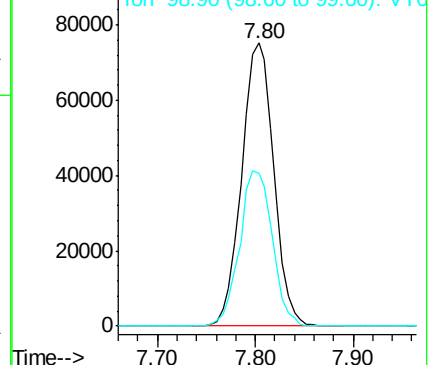
Ion Ratio Lower Upper

168 100

99 53.9 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000734.D (-946) (-)



#16

Acetone

Concen: 1.313 ug/l

RT: 3.94 min Scan# 362

Delta R.T. -0.01 min

Lab File: VY000734.D

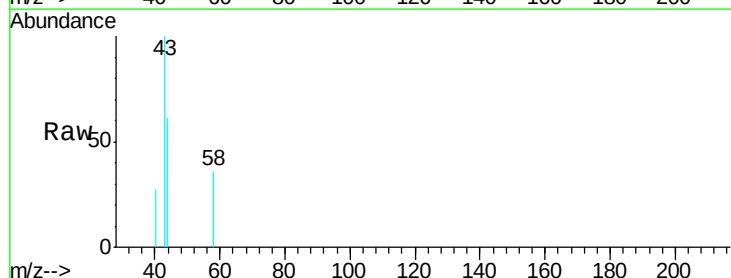
Acq: 18 Nov 2019 17:55

Tgt Ion: 43 Resp: 639

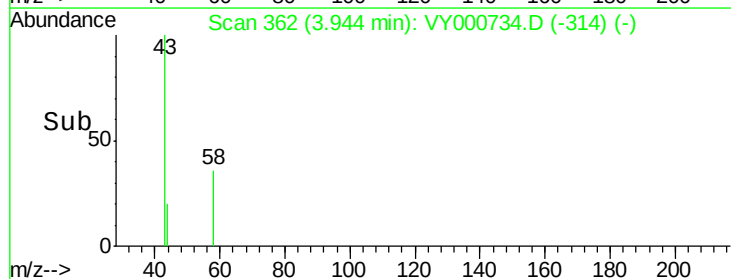
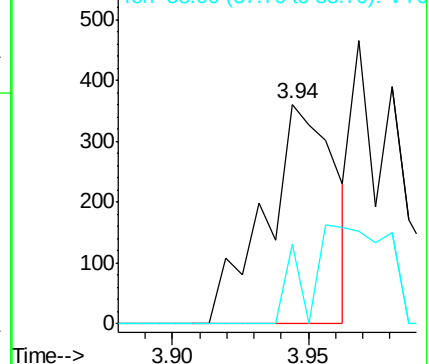
Ion Ratio Lower Upper

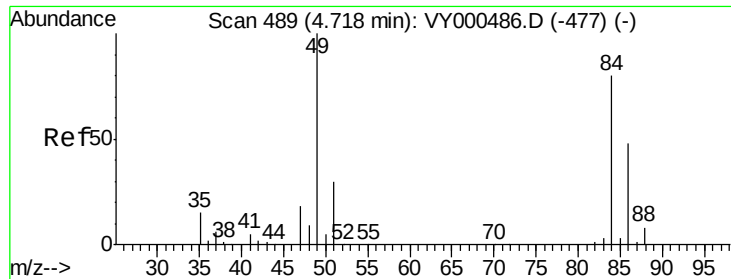
43 100

58 36.3 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY000734.D (-314) (-)

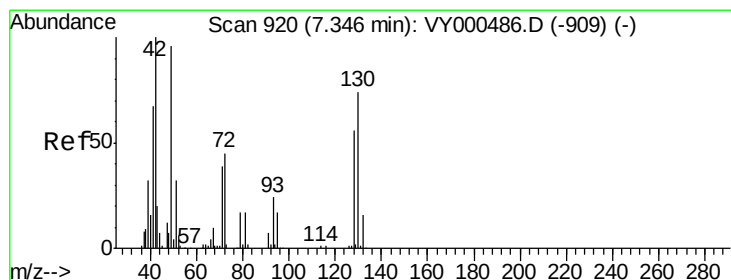
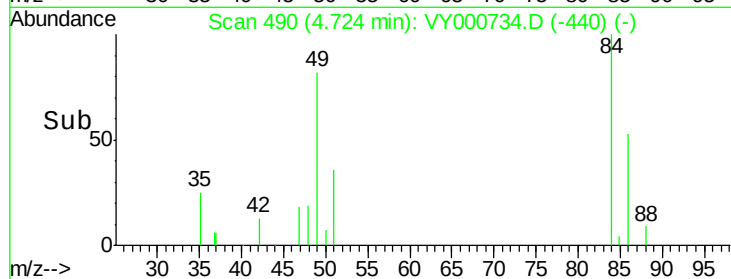
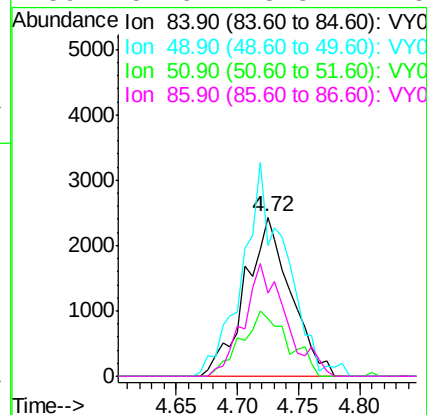
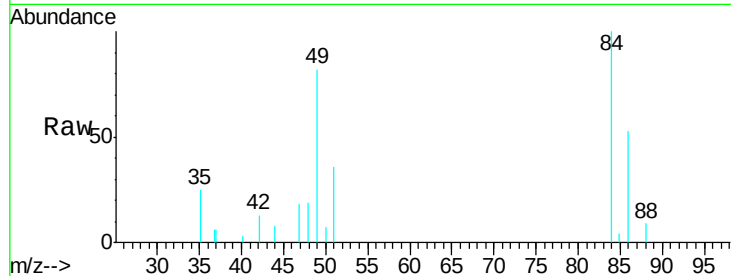




#20
Methylene Chloride
Concen: 3.038 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY000734.D
Acq: 18 Nov 2019 17:55

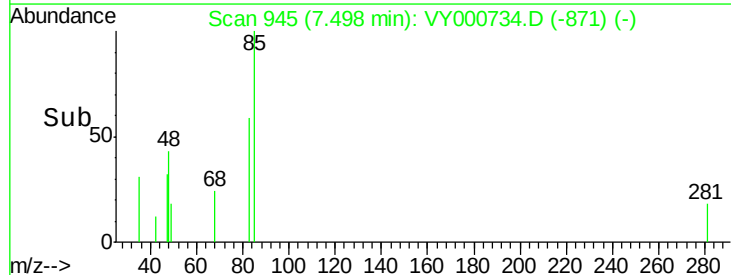
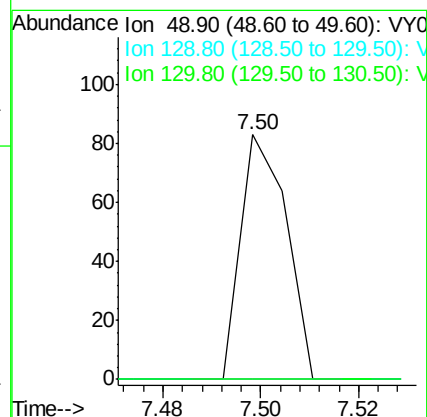
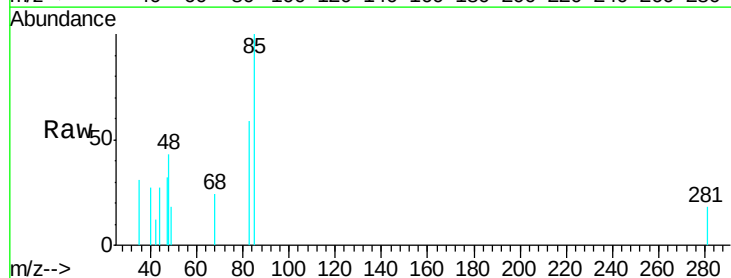
Instrument :
MSVOA_Y
ClientSampleId :
B-8-3-(6-12)

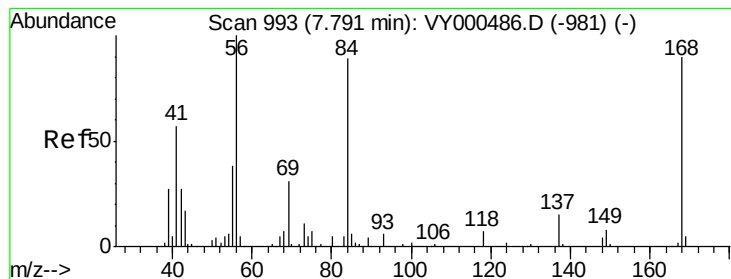
Tgt Ion:	84	Resp:	6337
Ion	Ratio	Lower	Upper
84	100		
49	82.4	100.2	150.4#
51	36.3	29.6	44.4
86	52.6	48.3	72.5



#28
Bromochloromethane
Concen: 4.126 ug/l
RT: 7.50 min Scan# 945
Delta R.T. 0.15 min
Lab File: VY000734.D
Acq: 18 Nov 2019 17:55

Tgt Ion:	49	Resp:	54
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	0.0	59.4	89.0#





#31

Cyclohexane

Concen: 1.347 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY000734.D

Acq: 18 Nov 2019 17:55

Instrument :

MSVOA_Y

ClientSampleId :

B-8-3-(6-12)

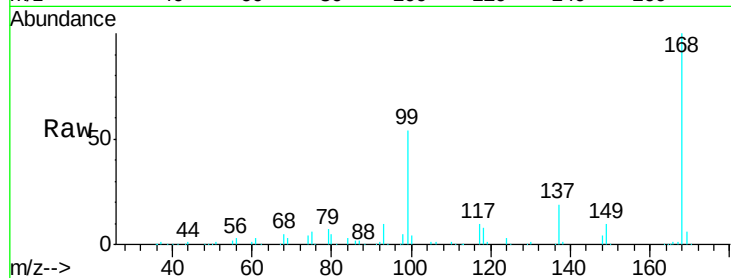
Tgt Ion: 56 Resp: 4606

Ion Ratio Lower Upper

56 100

69 111.8 25.0 37.6#

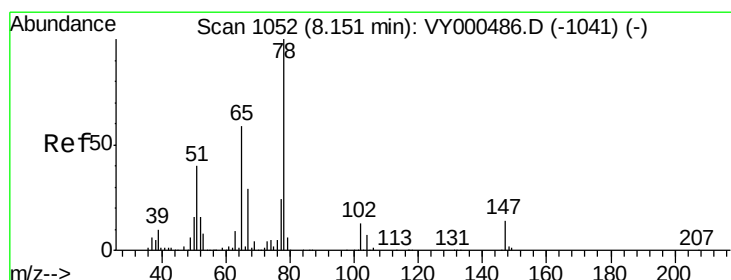
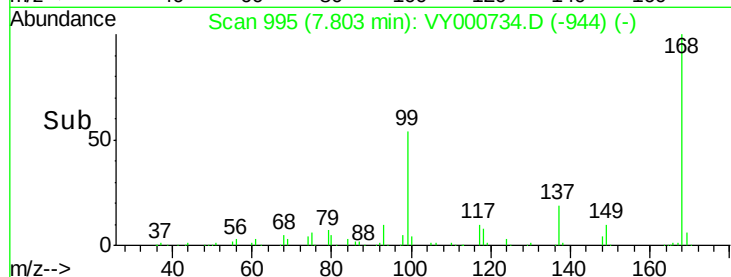
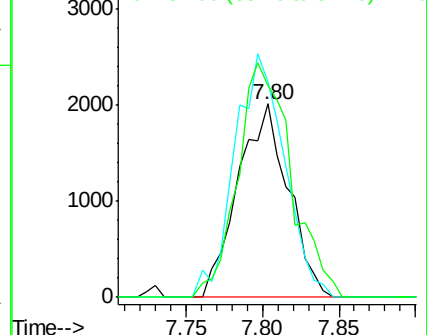
84 109.2 71.4 107.2#



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: 60.860 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000734.D

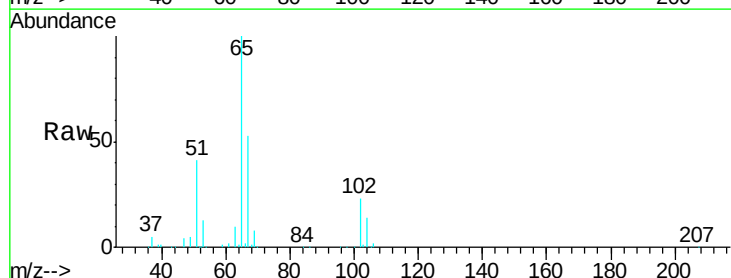
Acq: 18 Nov 2019 17:55

Tgt Ion: 65 Resp: 107502

Ion Ratio Lower Upper

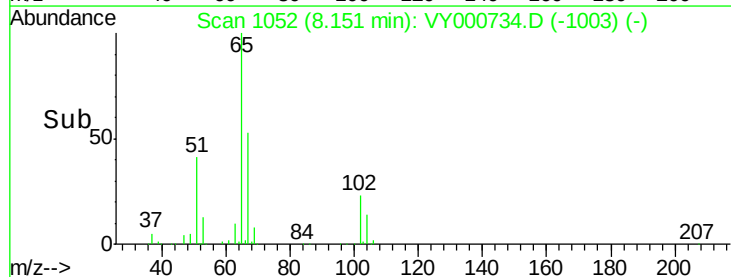
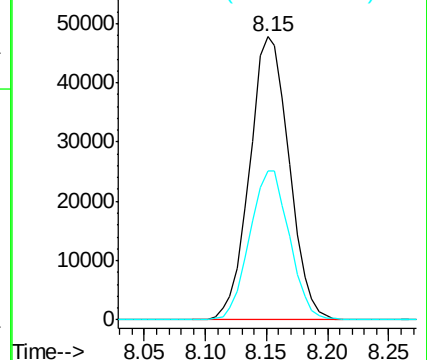
65 100

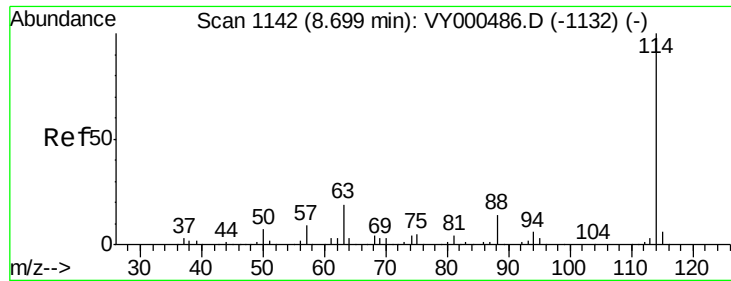
67 53.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY000734.D

Acq: 18 Nov 2019 17:55

Instrument :

MSVOA_Y

ClientSampleId :

B-8-3-(6-12)

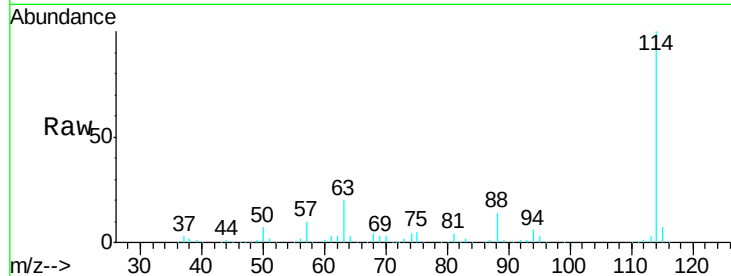
Tgt Ion:114 Resp: 321359

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.0

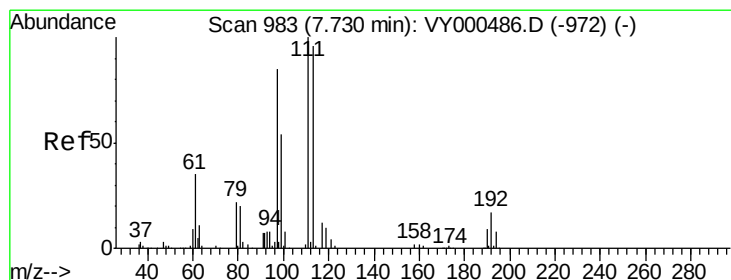
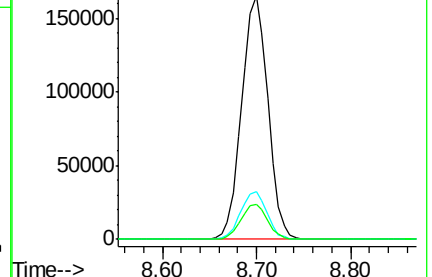
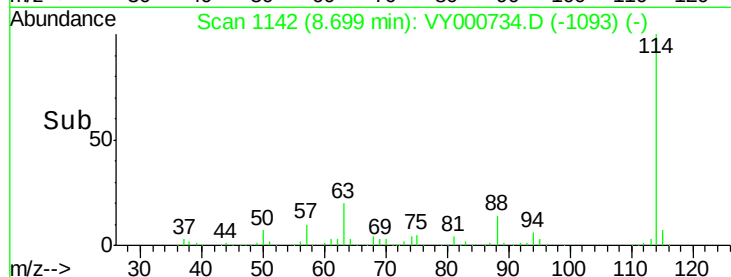
88 14.2 0.0 28.6



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: 51.630 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000734.D

Acq: 18 Nov 2019 17:55

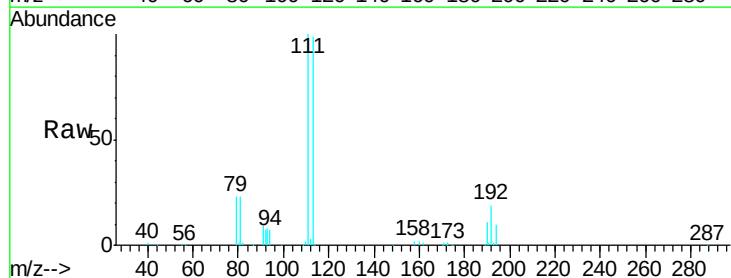
Tgt Ion:113 Resp: 97405

Ion Ratio Lower Upper

113 100

111 102.0 81.7 122.5

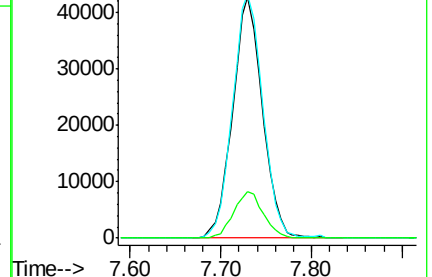
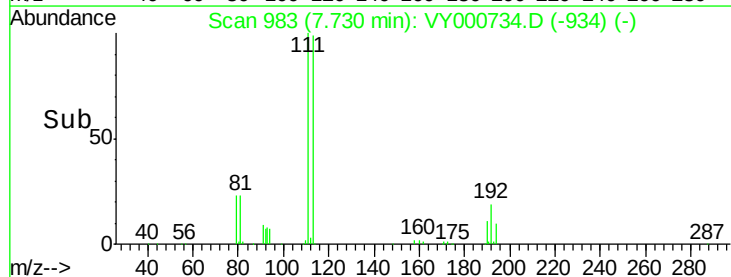
192 19.2 15.0 22.4

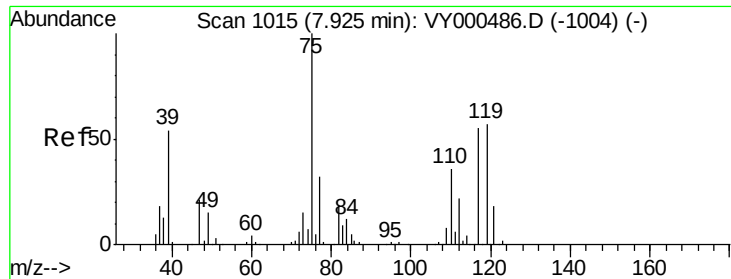


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

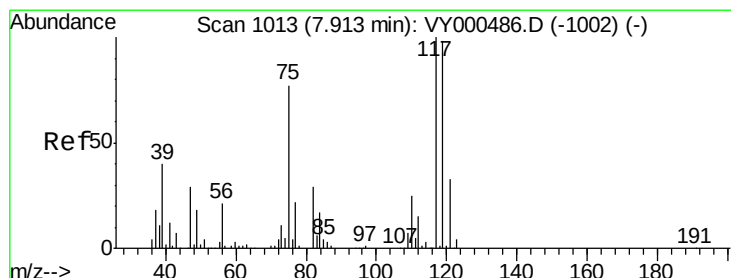
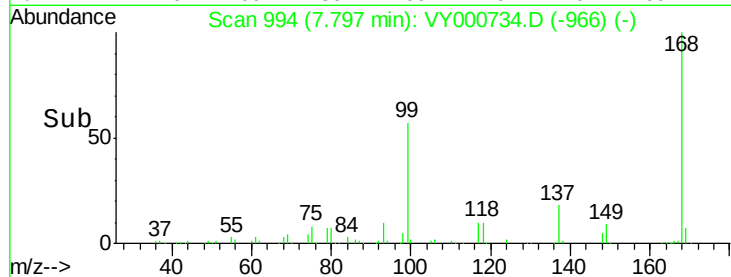
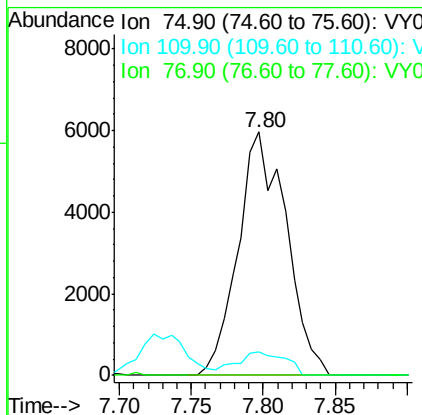
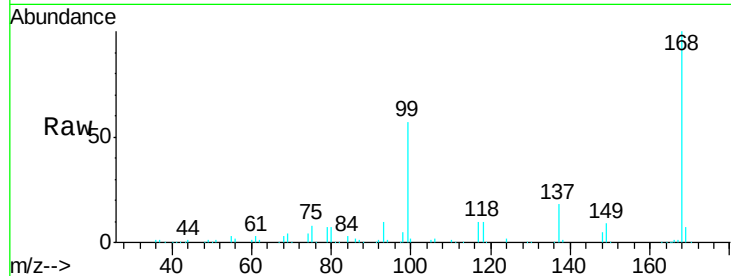




#36
 1,1-Dichloropropene
 Concen: 4.544 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY000734.D
 Acq: 18 Nov 2019 17:55

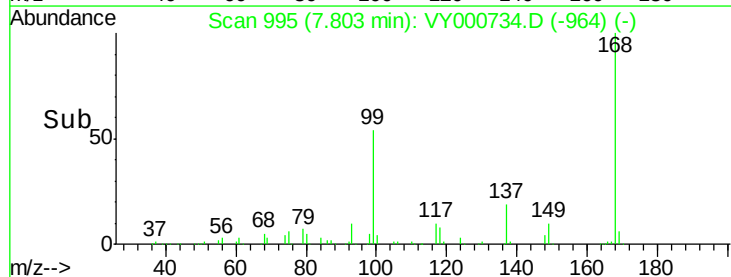
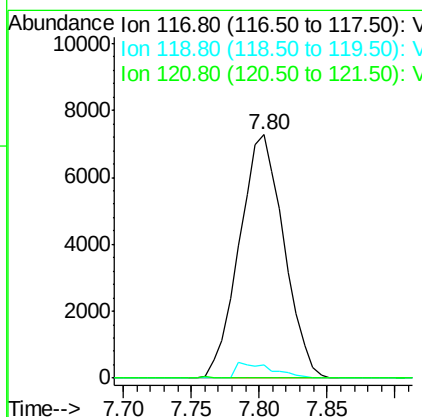
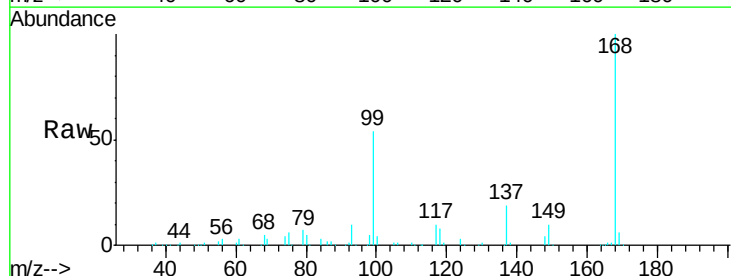
Instrument :
 MSVOA_Y
 ClientSampleId :
 B-8-3-(6-12)

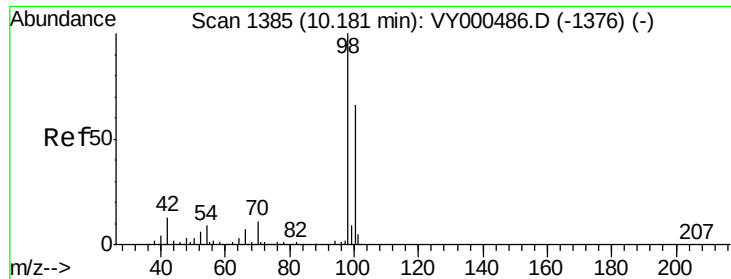
Tgt Ion: 75 Resp: 13804
 Ion Ratio Lower Upper
 75 100
 110 9.7 18.1 54.1#
 77 0.0 25.0 37.6#



#38
 Carbon Tetrachloride
 Concen: 5.695 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.11 min
 Lab File: VY000734.D
 Acq: 18 Nov 2019 17:55

Tgt Ion: 117 Resp: 16649
 Ion Ratio Lower Upper
 117 100
 119 5.5 78.0 117.0#
 121 0.0 26.6 40.0#





#50

Toluene-d8

Concen: 52.520 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000734.D

Acq: 18 Nov 2019 17:55

Instrument :

MSVOA_Y

ClientSampleId :

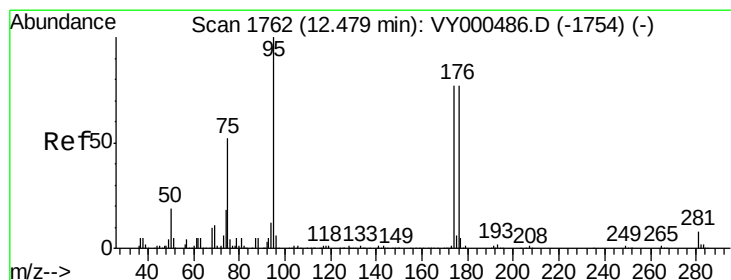
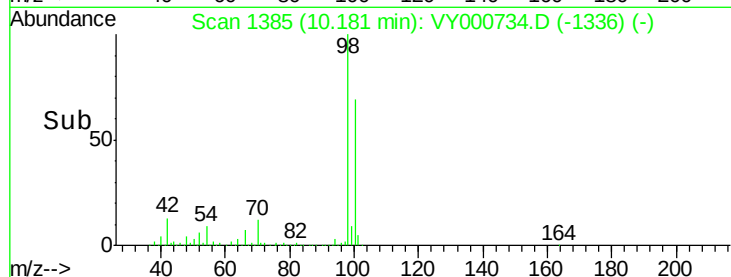
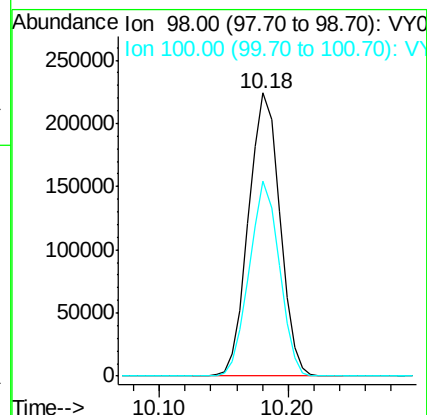
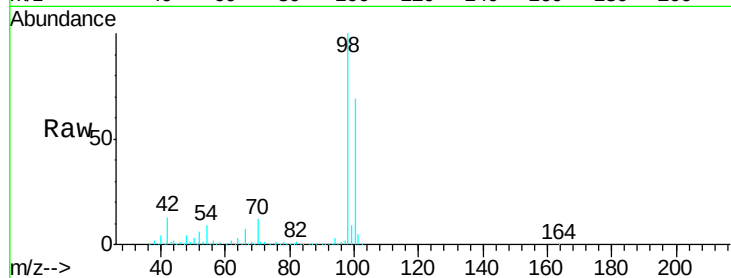
B-8-3-(6-12)

Tgt Ion: 98 Resp: 375967

Ion Ratio Lower Upper

98 100

100 66.4 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 46.793 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000734.D

Acq: 18 Nov 2019 17:55

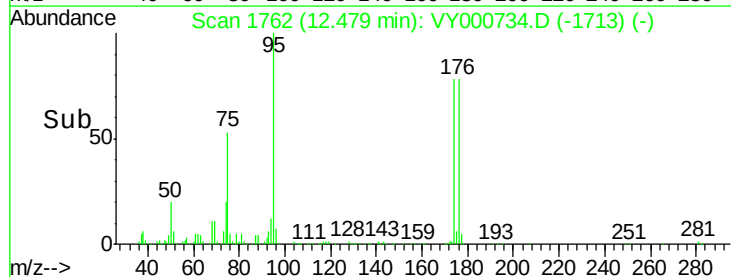
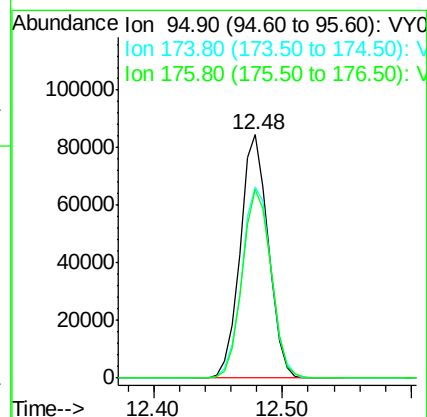
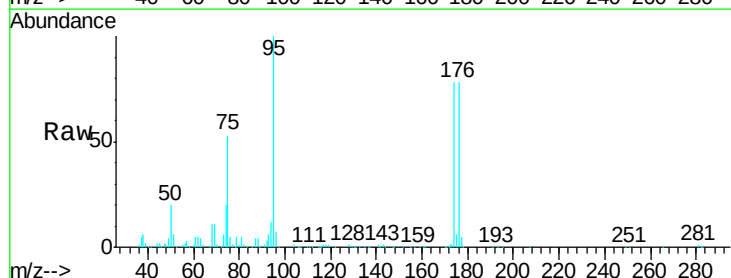
Tgt Ion: 95 Resp: 127521

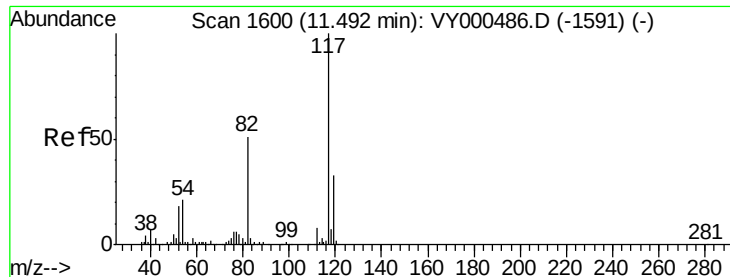
Ion Ratio Lower Upper

95 100

174 81.5 0.0 161.6

176 79.7 0.0 157.8

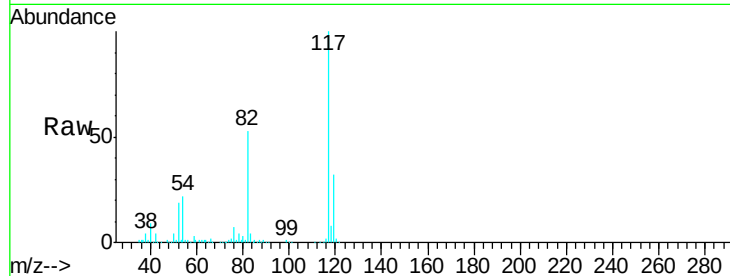




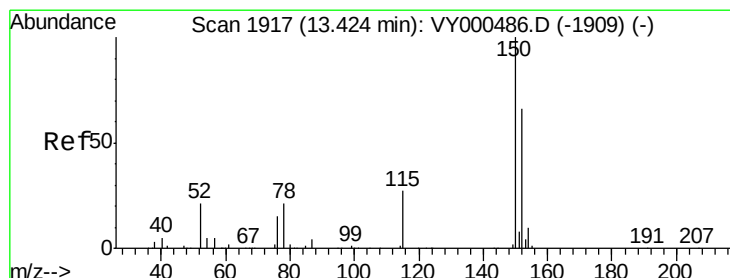
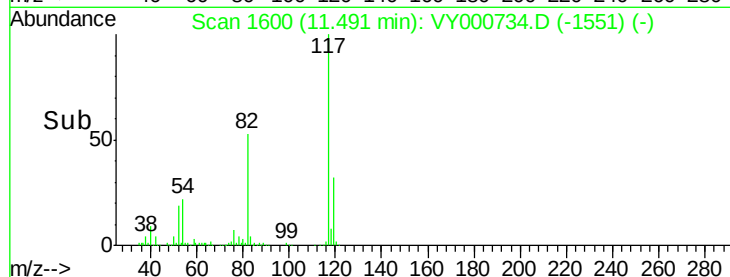
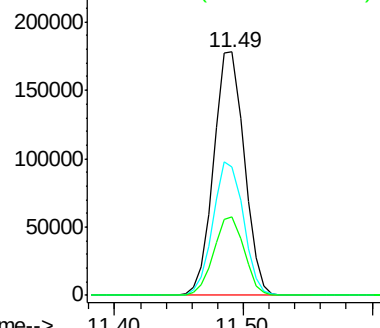
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000734.D
Acq: 18 Nov 2019 17:55

Instrument :
MSVOA_Y
ClientSampleId :
B-8-3-(6-12)

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.9	40.8	61.2
119	32.1	26.2	39.2

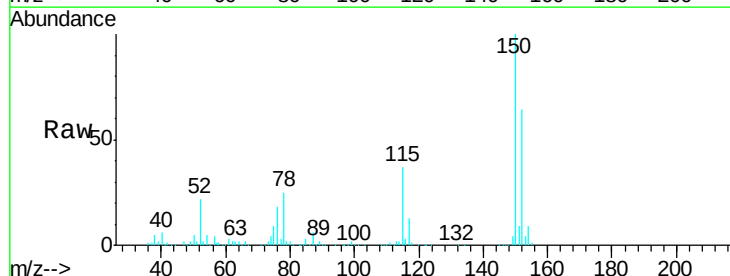


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

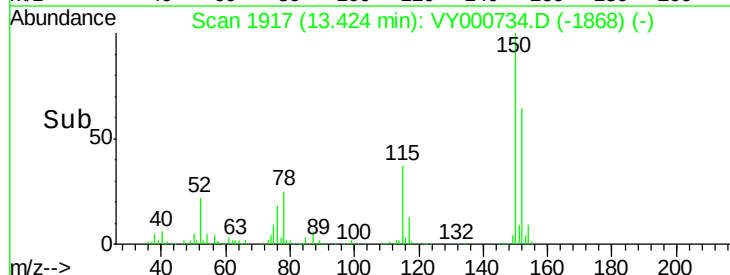
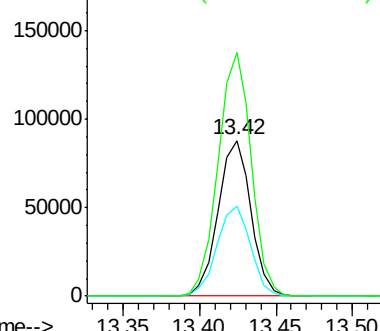


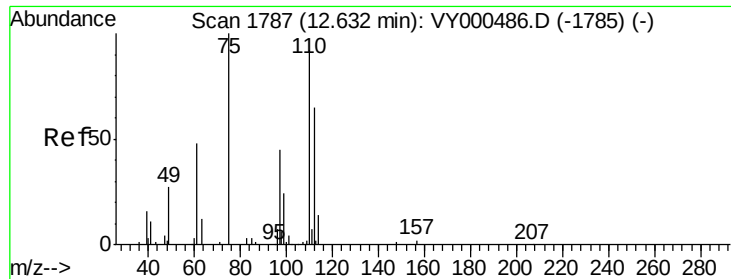
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000734.D
Acq: 18 Nov 2019 17:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.1	29.1	87.4
150	157.8	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: 45.520 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000734.D

Acq: 18 Nov 2019 17:55

Instrument :

MSVOA_Y

ClientSampleId :

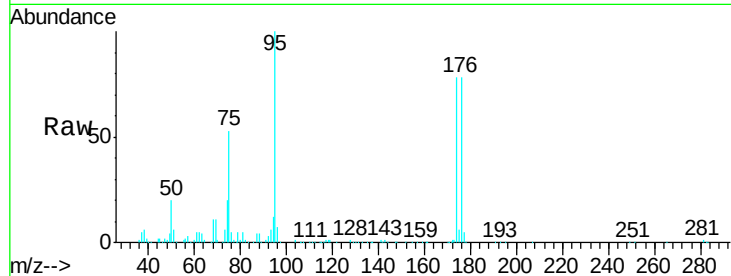
B-8-3-(6-12)

Tgt Ion: 75 Resp: 67888

Ion Ratio Lower Upper

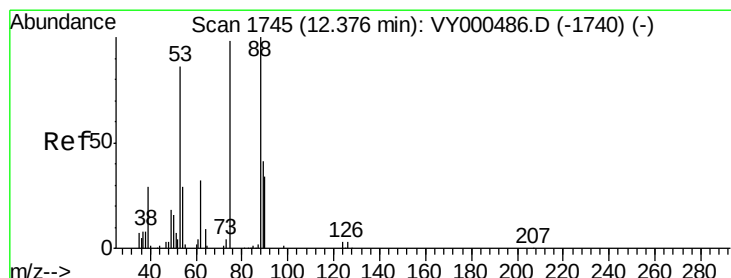
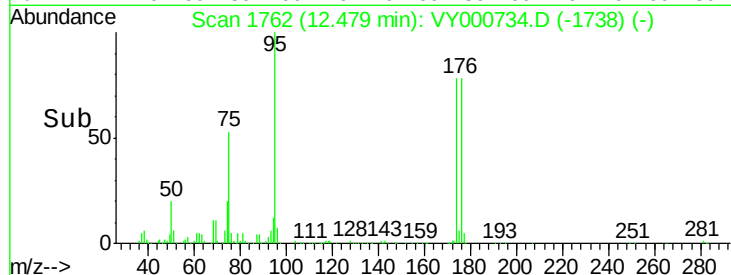
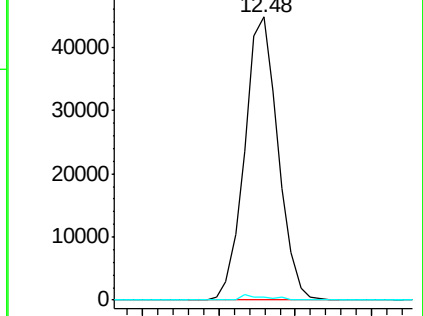
75 100

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: 102.063 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000734.D

Acq: 18 Nov 2019 17:55

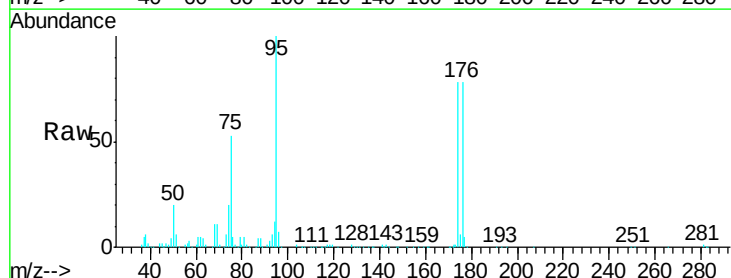
Tgt Ion: 75 Resp: 67888

Ion Ratio Lower Upper

75 100

53 0.0 73.2 109.8#

89 0.1 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

