

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY111919\
 Data File : VY000742.D
 Acq On : 19 Nov 2019 13:47
 Operator : SY/MD
 Sample : K5908-03RE
 Misc : 6.12G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-8-2-(6-12)RE

Quant Time: Nov 19 15:33:31 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	177780	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	328755	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	292412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	117086	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	114049	61.99	ug/l	0.00
Spiked Amount			Recovery	=	123.98%	
35) Dibromofluoromethane	7.73	113	100492	52.07	ug/l	0.00
Spiked Amount			Recovery	=	104.14%	
50) Toluene-d8	10.18	98	385594	52.65	ug/l	0.00
Spiked Amount			Recovery	=	105.30%	
62) 4-Bromofluorobenzene	12.48	95	121331	43.52	ug/l	0.00
Spiked Amount			Recovery	=	87.04%	

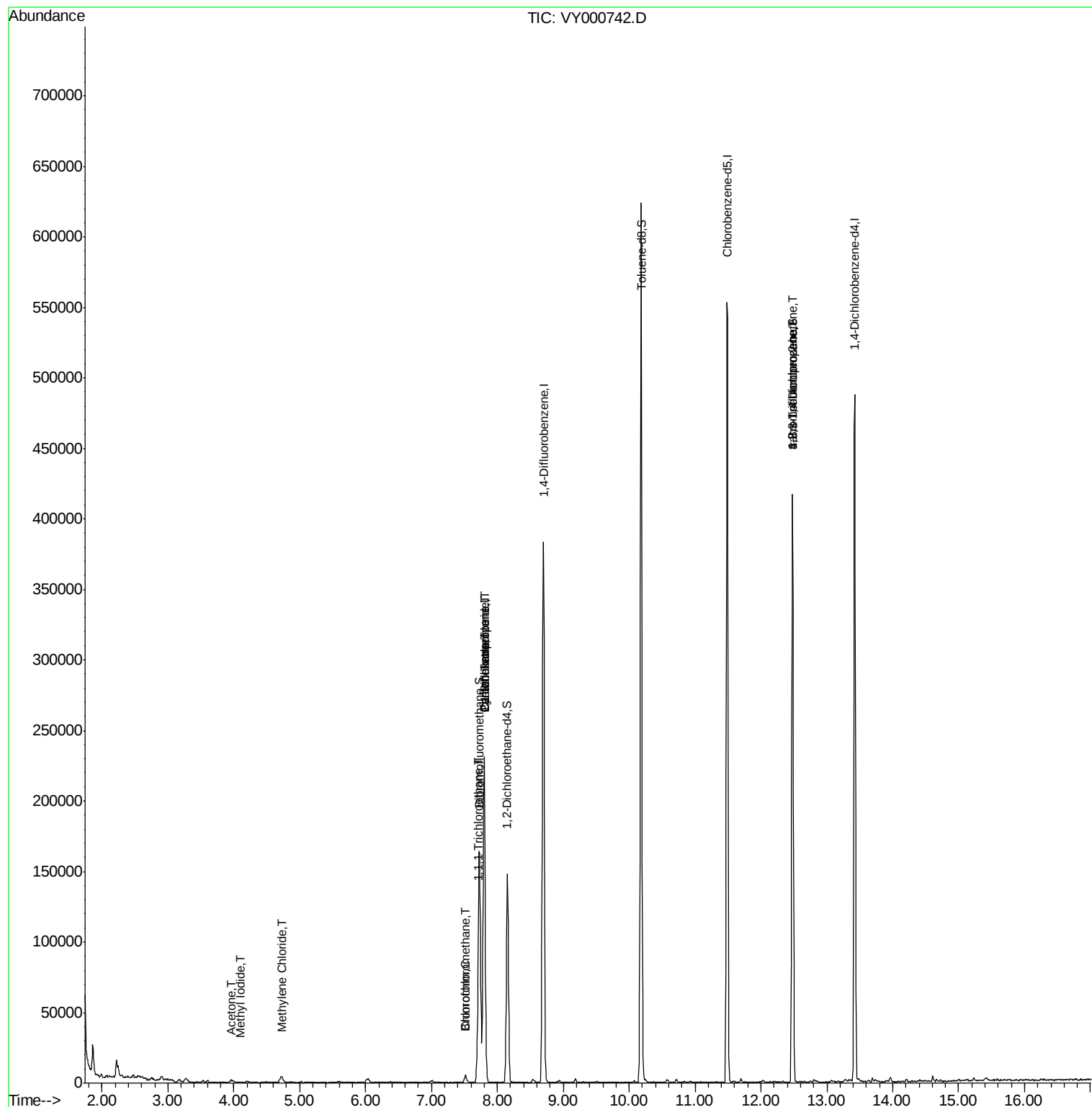
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.11	142	127	3.249	ug/l #	41
16) Acetone	3.96	43	3369	6.644	ug/l #	79
20) Methylene Chloride	4.72	84	3083	1.419	ug/l #	74
28) Bromochloromethane	7.50	49	346	4.297	ug/l #	14
30) Chloroform	7.52	83	4743	1.379	ug/l	98
31) Cyclohexane	7.80	56	4512	1.267	ug/l #	35
32) 1,1,1-Trichloroethane	7.71	97	26039	8.494	ug/l	97
36) 1,1-Dichloropropene	7.80	75	14322	4.608	ug/l #	50
38) Carbon Tetrachloride	7.80	117	17184	5.746	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	65647	49.241	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	65647	110.404	ug/l #	13

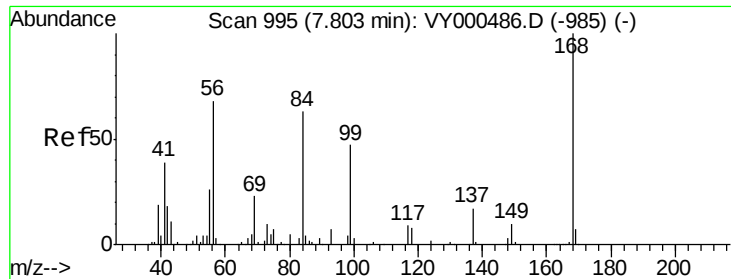
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY111919\
Data File : VY000742.D
Acq On : 19 Nov 2019 13:47
Operator : SY/MD
Sample : K5908-03RE
Misc : 6.12G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-8-2-(6-12)RE

Quant Time: Nov 19 15:33:31 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: VY000742.D

Acq: 19 Nov 2019 13:47

Instrument :

MSVOA_Y

ClientSampleId :

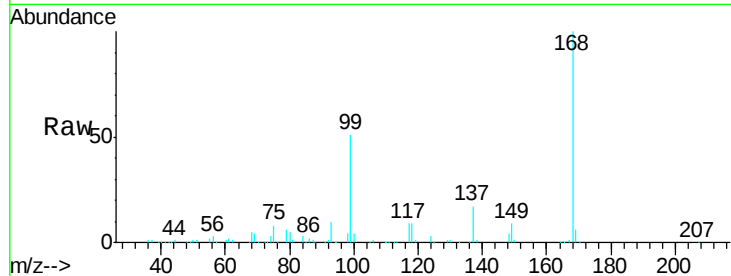
B-8-2-(6-12)RE

Tgt Ion:168 Resp: 177780

Ion Ratio Lower Upper

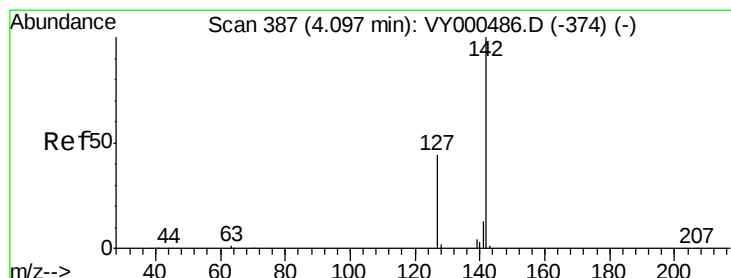
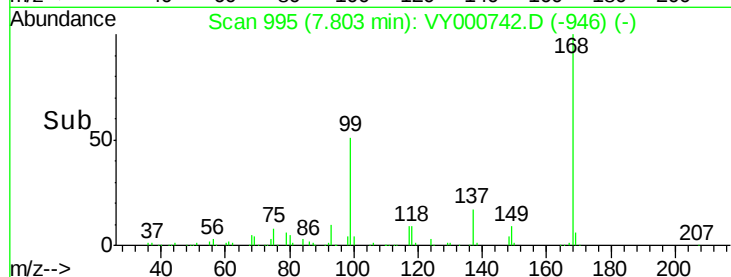
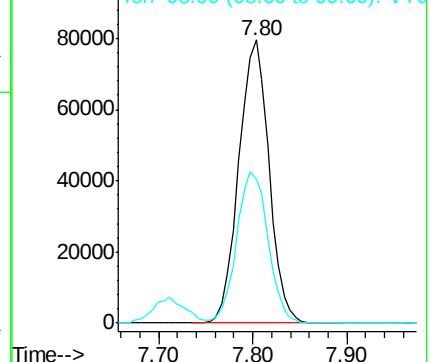
168 100

99 51.0 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: 3.249 ug/l

RT: 4.11 min Scan# 389

Delta R.T. 0.01 min

Lab File: VY000742.D

Acq: 19 Nov 2019 13:47

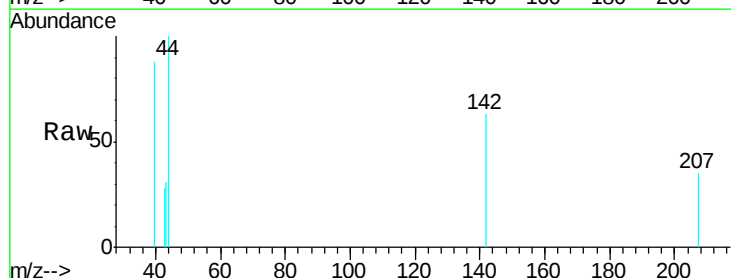
Tgt Ion:142 Resp: 127

Ion Ratio Lower Upper

142 100

127 0.0 33.7 50.5#

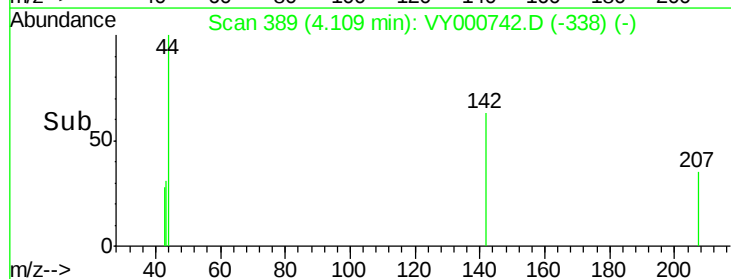
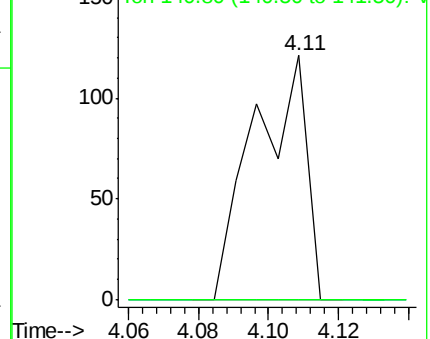
141 0.0 10.9 16.3#

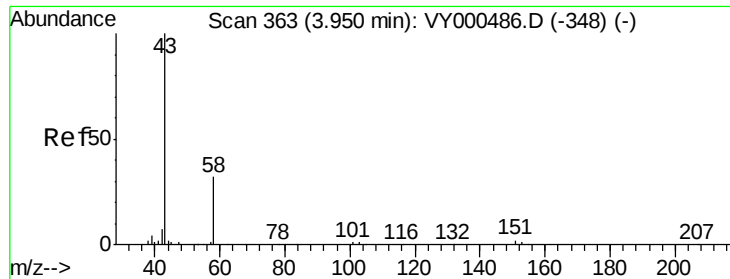


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#16

Acetone

Concen: 6.644 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY000742.D

Acq: 19 Nov 2019 13:47

Instrument :

MSVOA_Y

ClientSampleId :

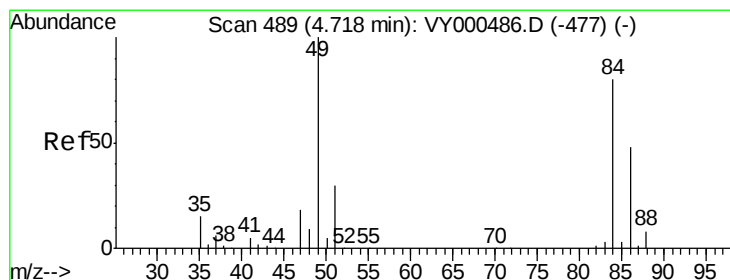
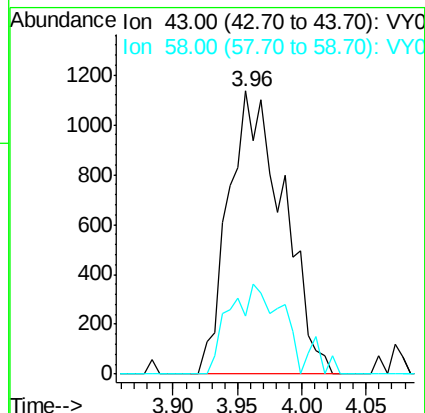
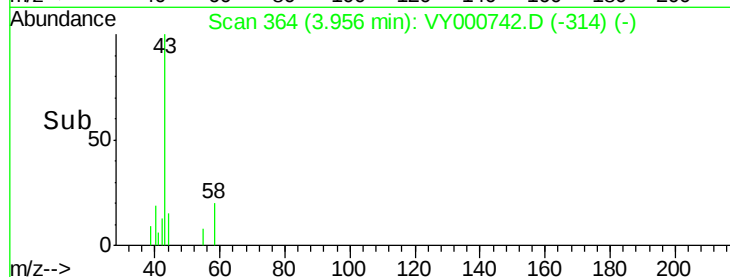
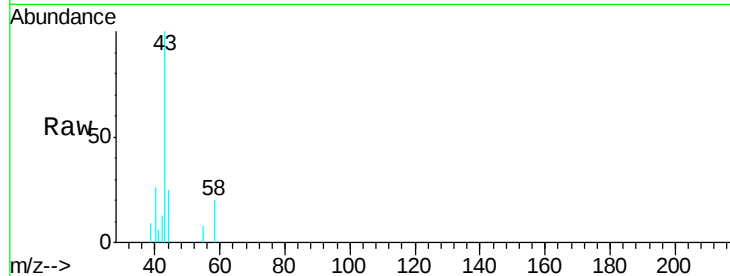
B-8-2-(6-12)RE

Tgt Ion: 43 Resp: 3369

Ion Ratio Lower Upper

43 100

58 20.3 25.8 38.6#



#20

Methylene Chloride

Concen: 1.419 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.01 min

Lab File: VY000742.D

Acq: 19 Nov 2019 13:47

Tgt Ion: 84 Resp: 3083

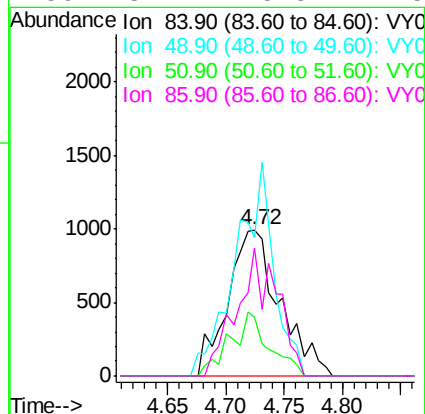
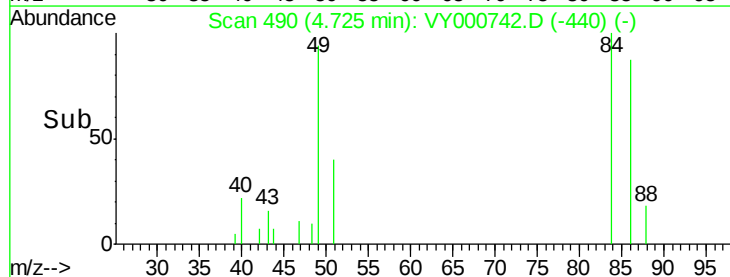
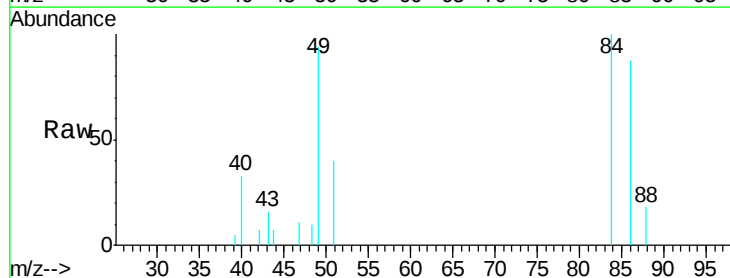
Ion Ratio Lower Upper

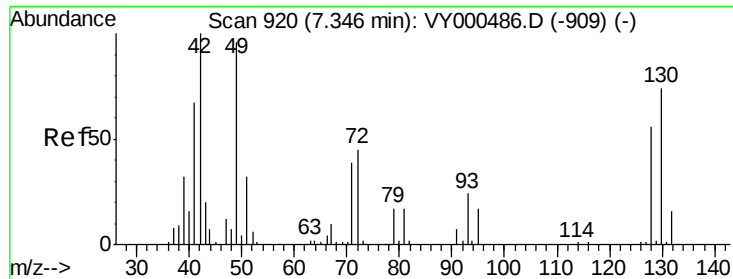
84 100

49 94.5 100.2 150.4#

51 39.9 29.6 44.4

86 87.4 48.3 72.5#





#28

Bromochloromethane

Concen: 4.297 ug/l

RT: 7.50 min Scan# 946

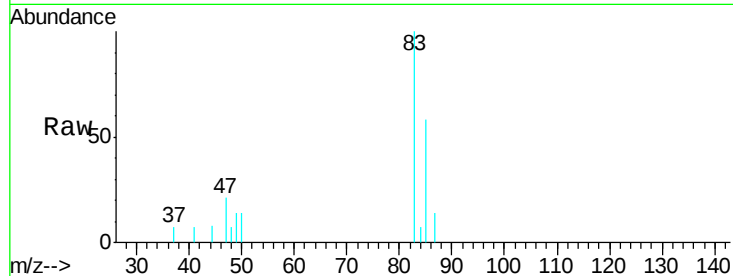
Delta R.T. 0.16 min

Lab File: VY000742.D

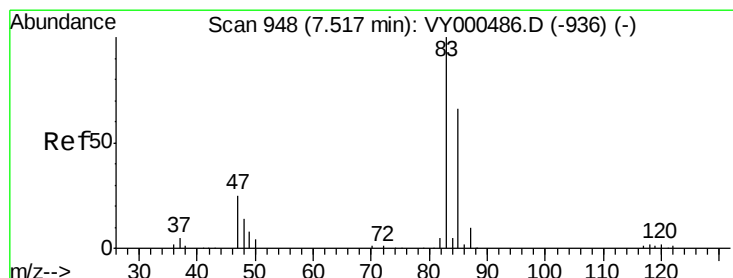
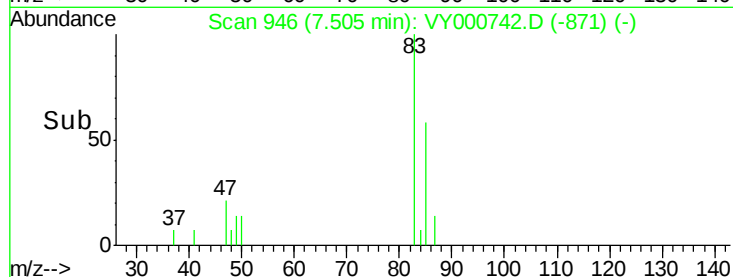
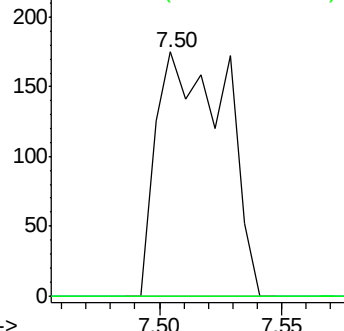
Acq: 19 Nov 2019 13:47

Instrument :
MSVOA_Y
ClientSampleId :
B-8-2-(6-12)RE

Tgt Ion: 49 Resp: 346
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



#30

Chloroform

Concen: 1.379 ug/l

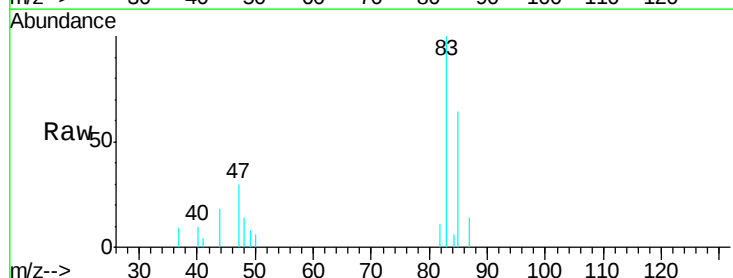
RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

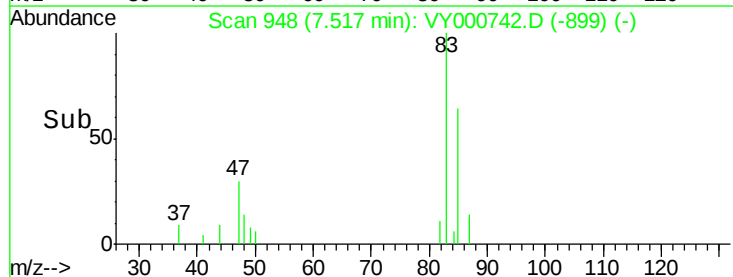
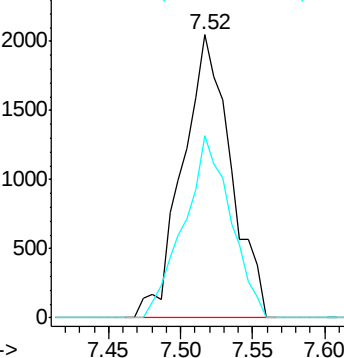
Lab File: VY000742.D

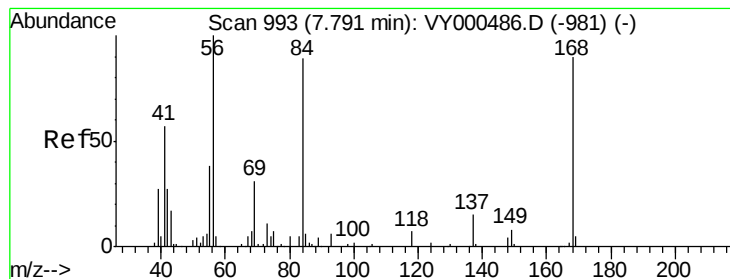
Acq: 19 Nov 2019 13:47

Tgt Ion: 83 Resp: 4743
Ion Ratio Lower Upper
83 100
85 64.4 53.0 79.4



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 1.267 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY000742.D

Acq: 19 Nov 2019 13:47

Instrument :

MSVOA_Y

ClientSampleId :

B-8-2-(6-12)RE

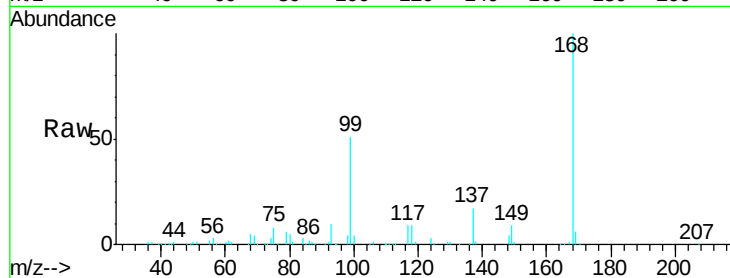
Tgt Ion: 56 Resp: 4512

Ion Ratio Lower Upper

56 100

69 129.8 25.0 37.6#

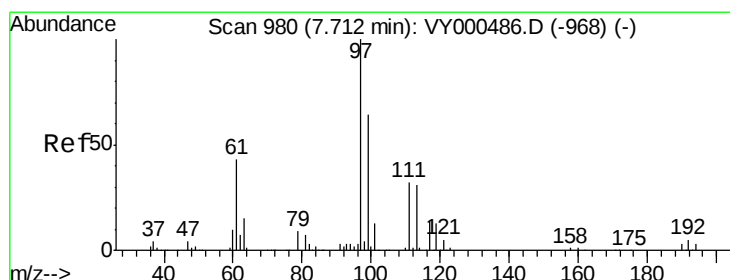
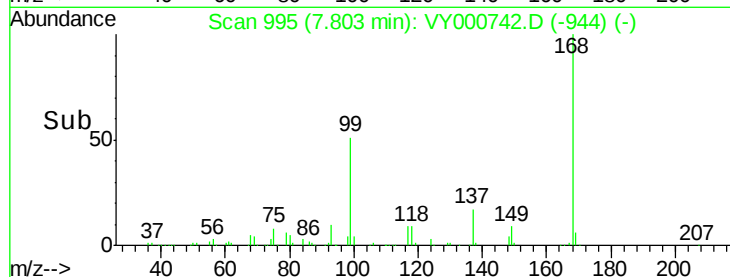
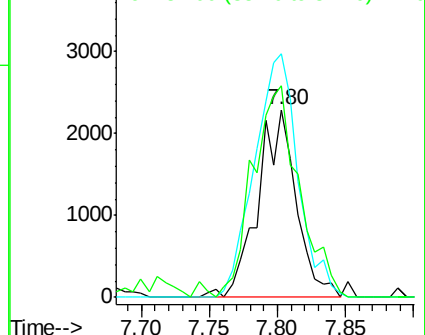
84 112.7 71.4 107.2#



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



#32

1,1,1-Trichloroethane

Concen: 8.494 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY000742.D

Acq: 19 Nov 2019 13:47

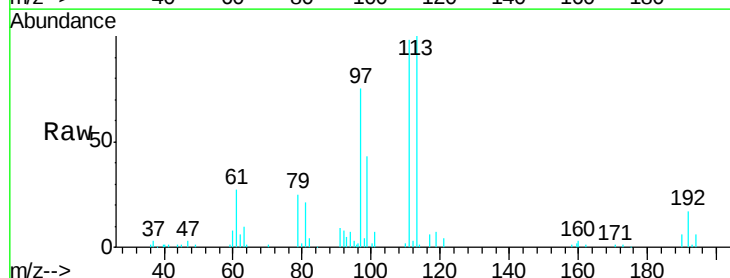
Tgt Ion: 97 Resp: 26039

Ion Ratio Lower Upper

97 100

99 66.2 50.9 76.3

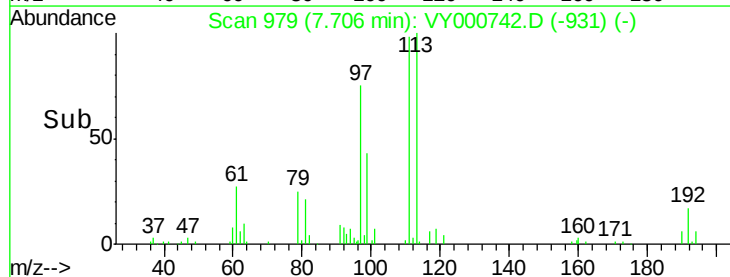
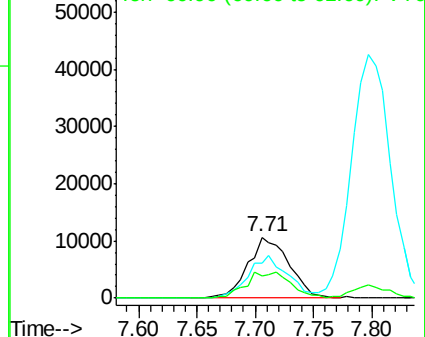
61 45.3 34.9 52.3

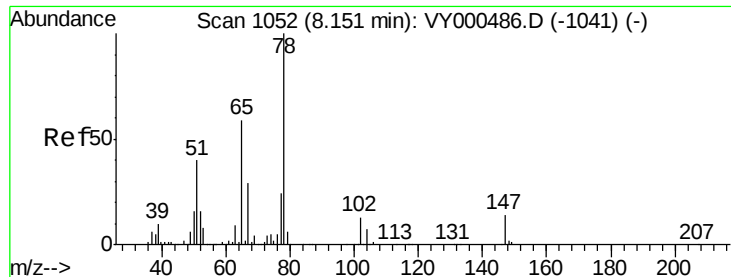


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

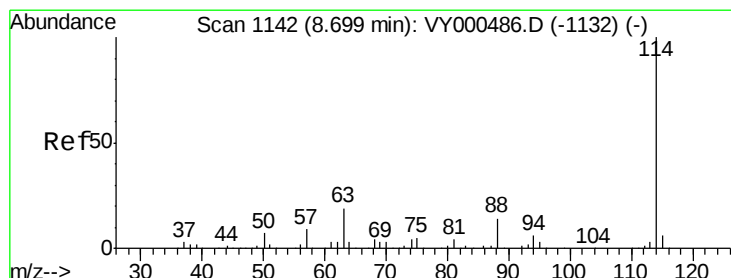
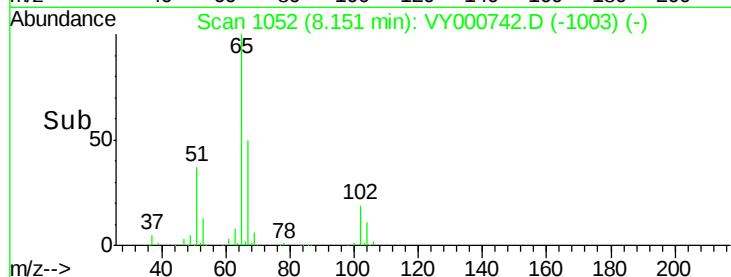
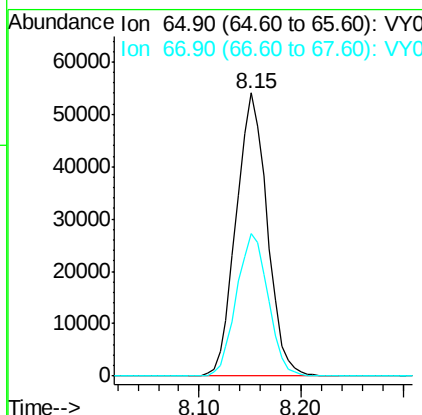
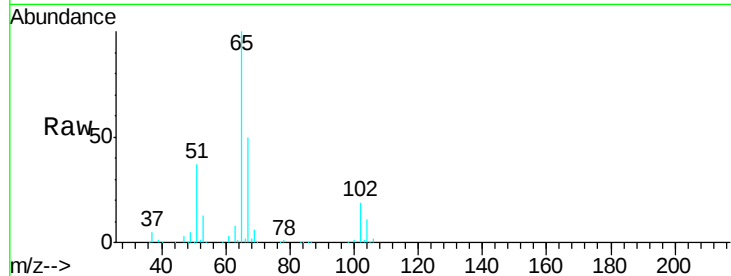




#33
 1,2-Dichloroethane-d4
 Concen: 61.990 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY000742.D
 Acq: 19 Nov 2019 13:47

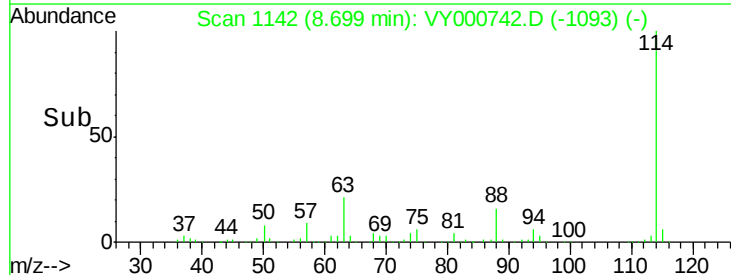
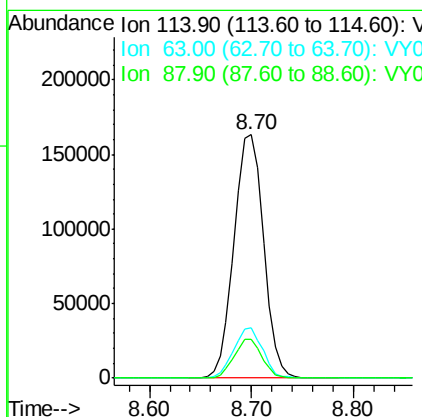
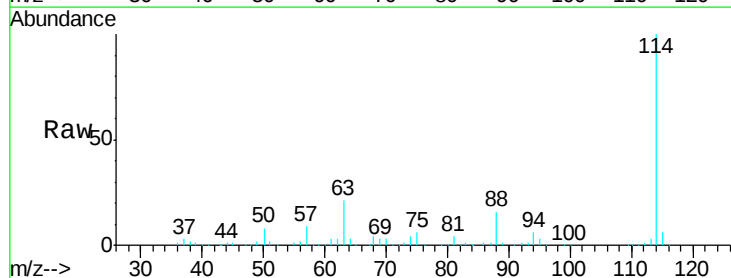
Instrument :
 MSVOA_Y
 ClientSampleId :
 B-8-2-(6-12)RE

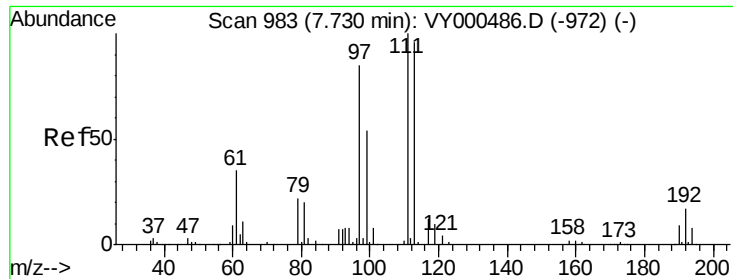
Tgt Ion: 65 Resp: 114049
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000742.D
 Acq: 19 Nov 2019 13:47

Tgt Ion: 114 Resp: 328755
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 38.0
 88 16.1 0.0 28.6

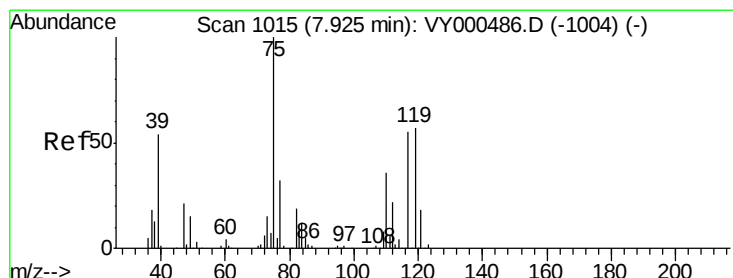
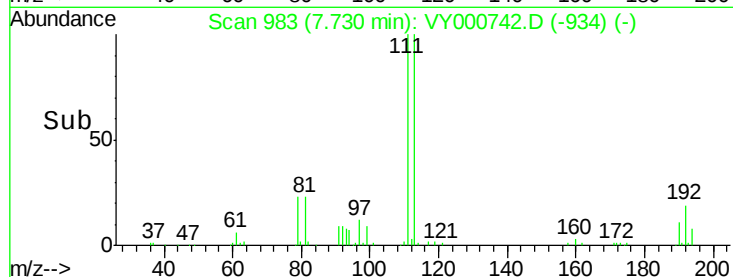
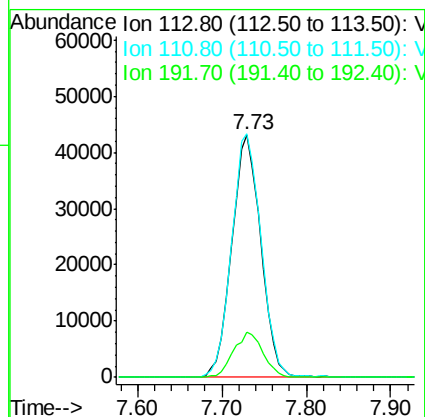
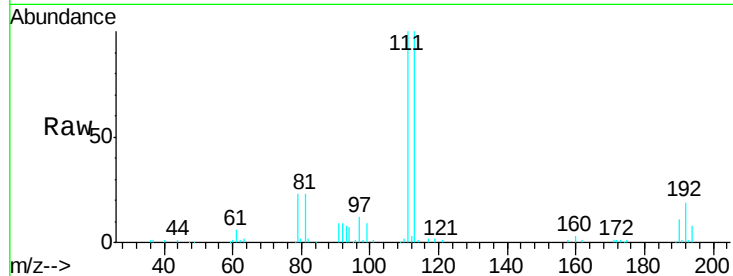




#35
 Dibromofluoromethane
 Concen: 52.068 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000742.D
 Acq: 19 Nov 2019 13:47

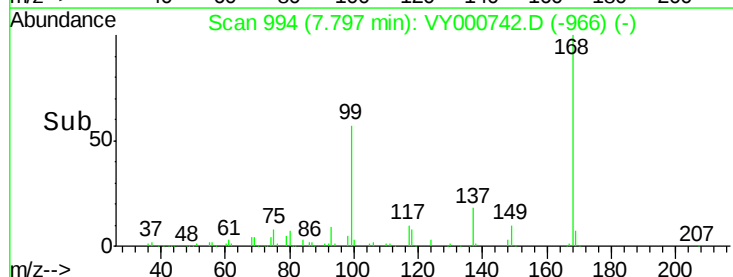
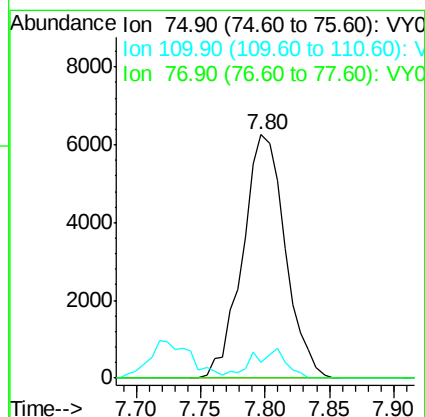
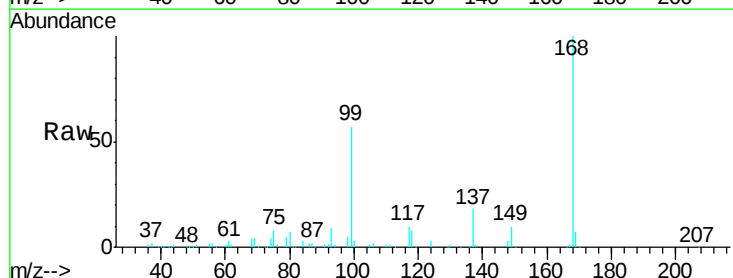
Instrument :
 MSVOA_Y
 ClientSampleId :
 B-8-2-(6-12)RE

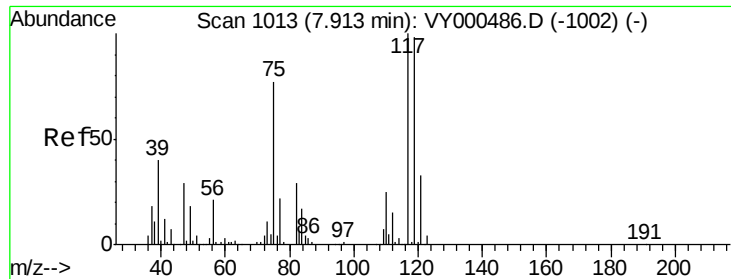
Tgt Ion:113 Resp: 100492
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.7 122.5
 192 18.8 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 4.608 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY000742.D
 Acq: 19 Nov 2019 13:47

Tgt Ion: 75 Resp: 14322
 Ion Ratio Lower Upper
 75 100
 110 9.6 18.1 54.1#
 77 0.0 25.0 37.6#

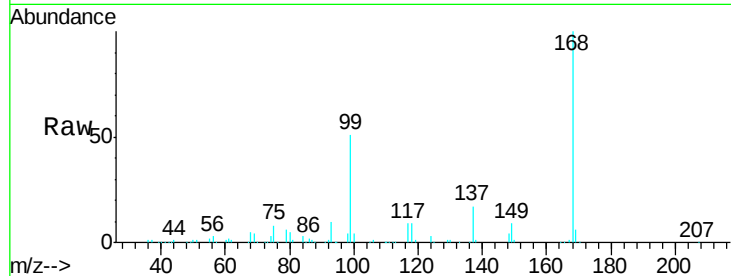




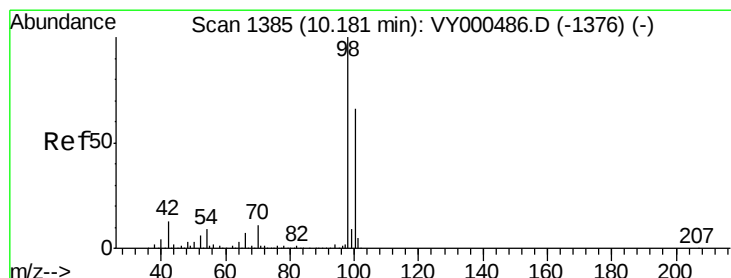
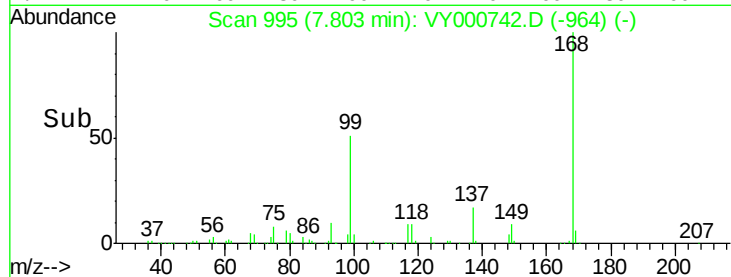
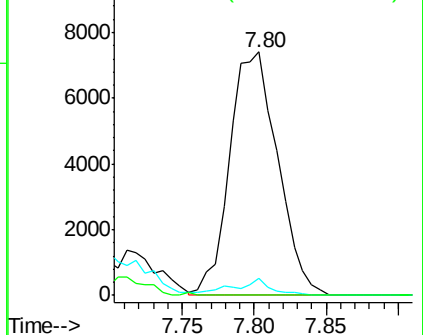
#38
Carbon Tetrachloride
Concen: 5.746 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.11 min
Lab File: VY000742.D
Acq: 19 Nov 2019 13:47

Instrument :
MSVOA_Y
ClientSampleId :
B-8-2-(6-12)RE

Tgt Ion:117 Resp: 17184
Ion Ratio Lower Upper
117 100
119 6.7 78.0 117.0#
121 0.0 26.6 40.0#

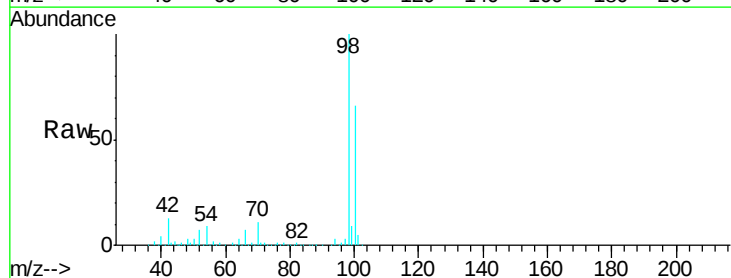


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

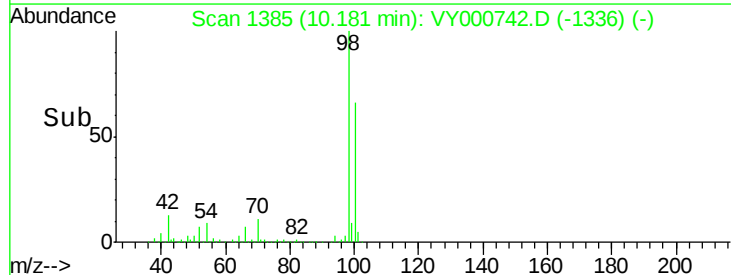
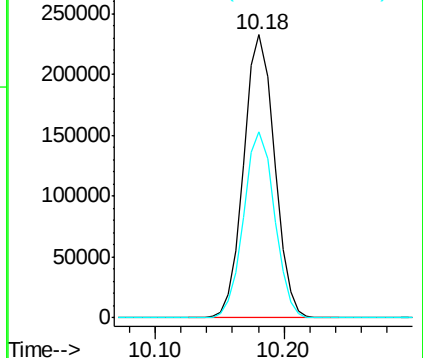


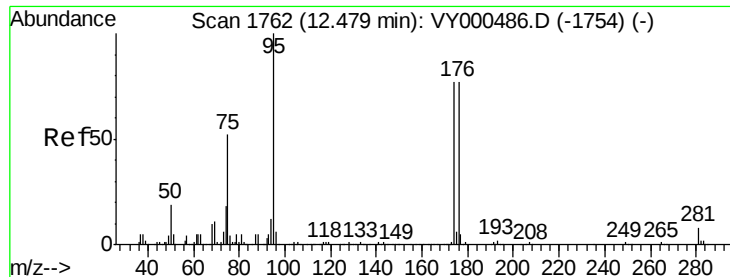
#50
Toluene-d8
Concen: 52.653 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY000742.D
Acq: 19 Nov 2019 13:47

Tgt Ion: 98 Resp: 385594
Ion Ratio Lower Upper
98 100
100 65.7 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0

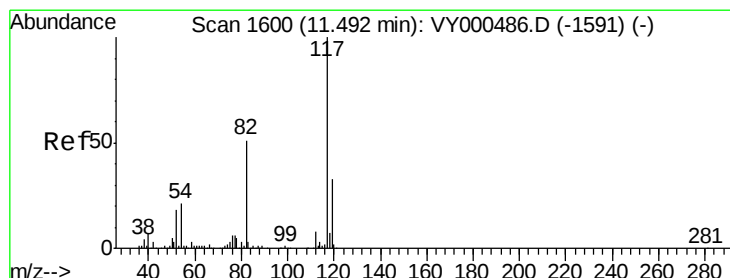
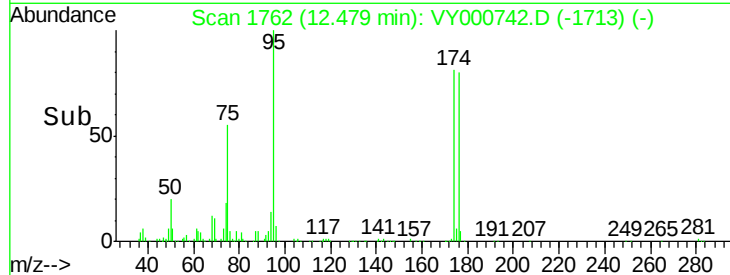
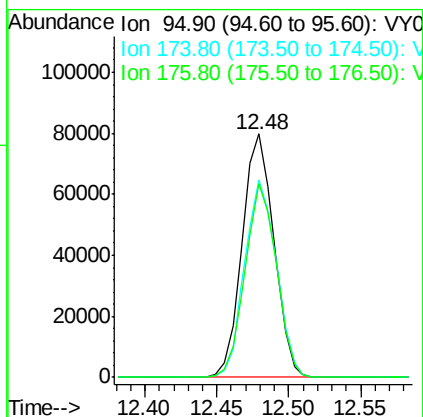
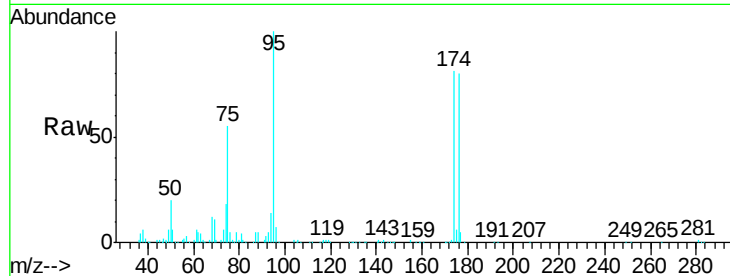




#62
4-Bromofluorobenzene
Concen: 43.520 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY000742.D
Acq: 19 Nov 2019 13:47

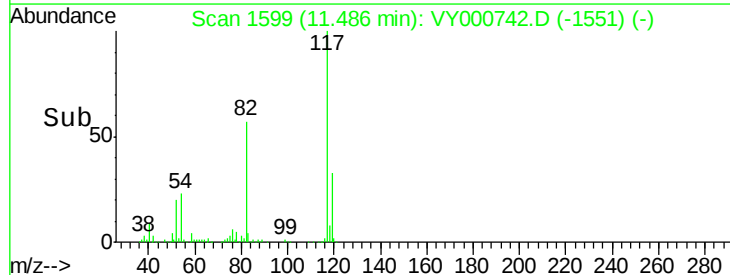
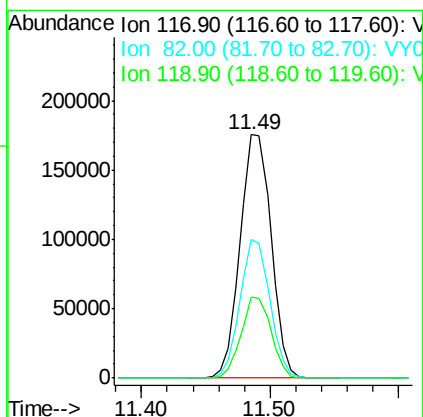
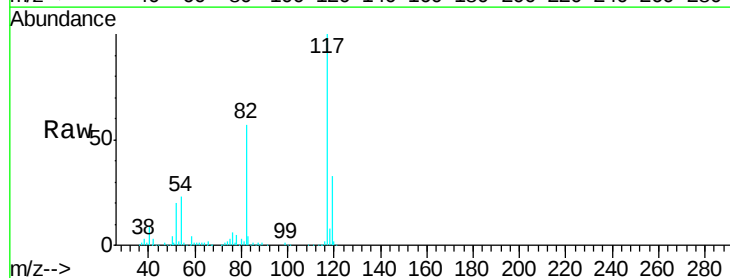
Instrument :
MSVOA_Y
ClientSampleId :
B-8-2-(6-12)RE

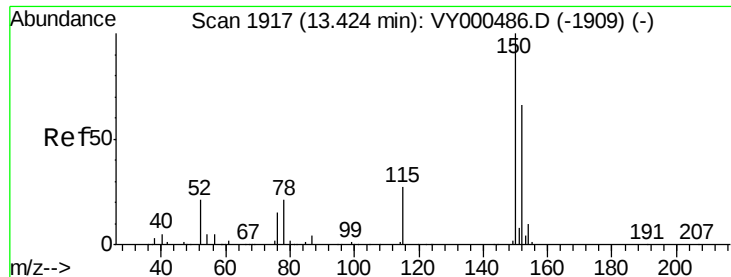
Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.3	0.0	161.6
176	78.7	0.0	157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000742.D
Acq: 19 Nov 2019 13:47

Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.1	40.8	61.2
119	33.3	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: VY000742.D

Acq: 19 Nov 2019 13:47

Instrument :

MSVOA_Y

ClientSampleId :

B-8-2-(6-12)RE

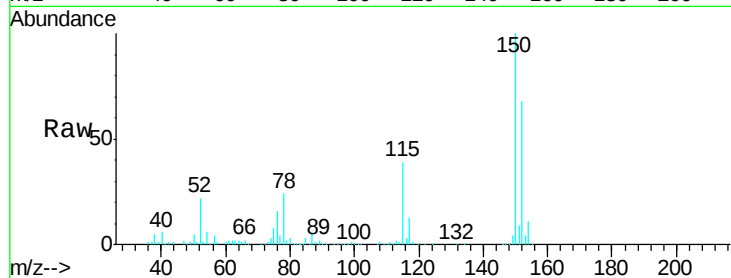
Tgt Ion:152 Resp: 117086

Ion Ratio Lower Upper

152 100

115 59.2 29.1 87.4

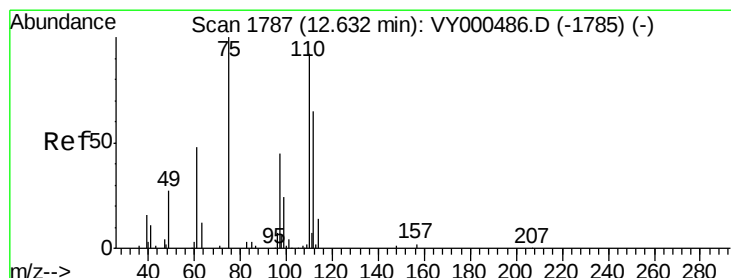
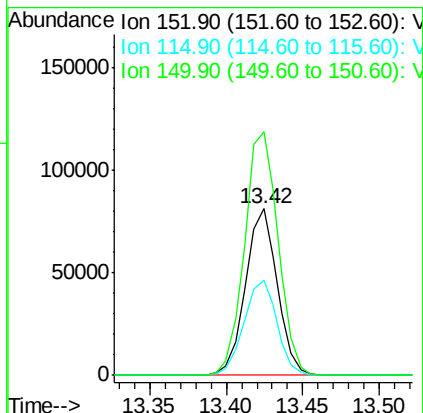
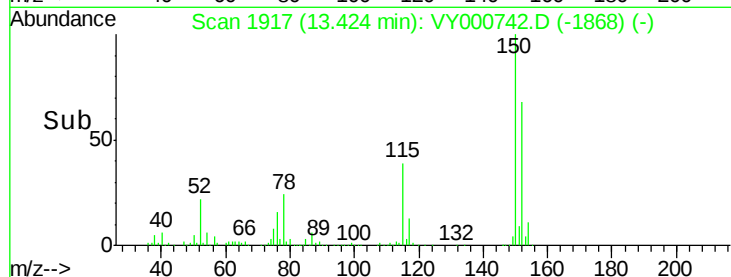
150 154.5 0.0 348.8



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: 49.241 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000742.D

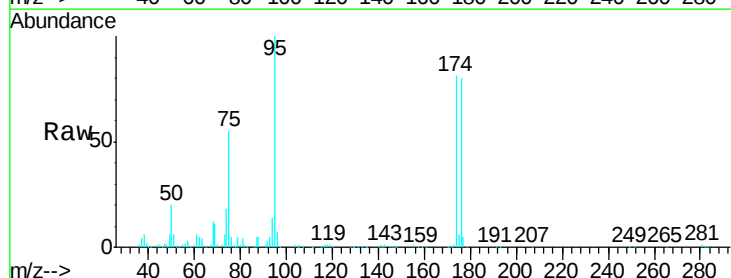
Acq: 19 Nov 2019 13:47

Tgt Ion: 75 Resp: 65647

Ion Ratio Lower Upper

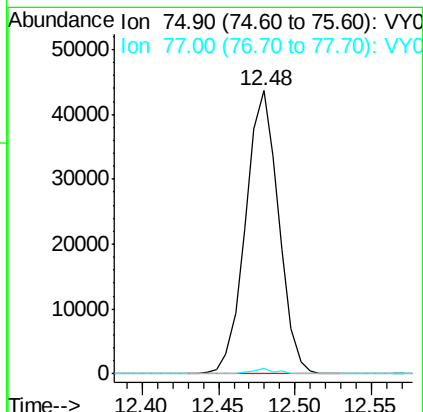
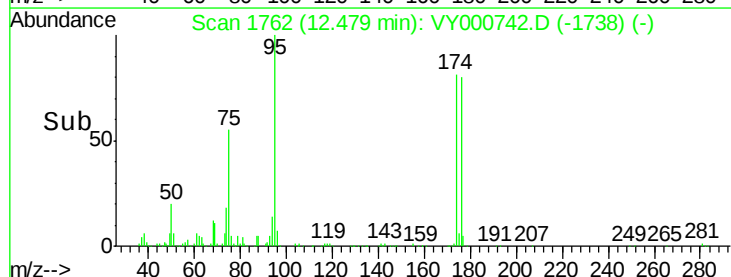
75 100

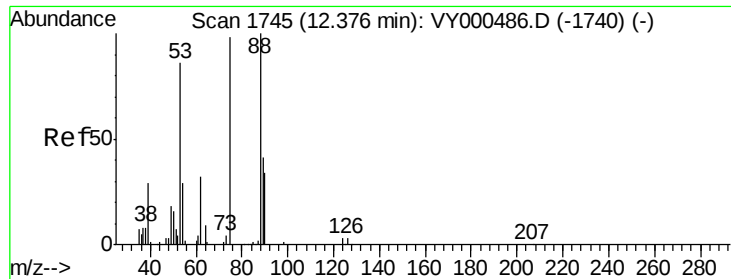
77 1.5 0.0 0.0#



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: 110.404 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000742.D

Acq: 19 Nov 2019 13:47

Instrument :

MSVOA_Y

ClientSampleId :

B-8-2-(6-12)RE

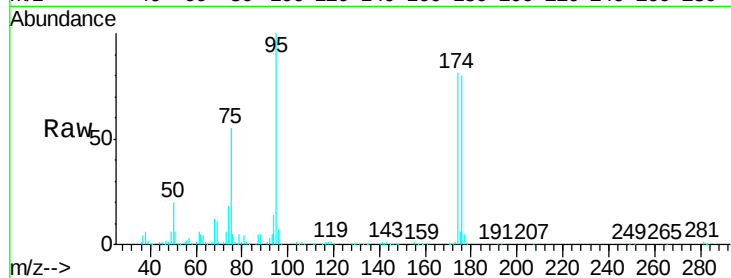
Tgt Ion: 75 Resp: 65647

Ion Ratio Lower Upper

75 100

53 0.1 73.2 109.8#

89 0.0 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

