

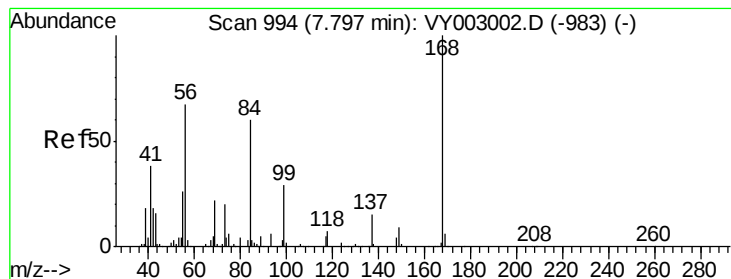
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070820\
 Data File : VY003135.D
 Acq On : 08 Jul 2020 14:34
 Operator : SY/MD
 Sample : VY0708SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBL01

Quant Time: Jul 09 02:30:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	381536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	577420	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	533959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	280648	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	187590	49.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.00%	
35) Dibromofluoromethane	7.72	113	187739	52.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.24%	
50) Toluene-d8	10.18	98	671107	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
62) 4-Bromofluorobenzene	12.48	95	239041	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
Target Compounds						
					Qvalue	
16) Acetone	3.96	43	5731	6.412	ug/l #	74
20) Methylene Chloride	4.73	84	13634	Below Cal	#	87
25) 2-Butanone	6.99	43	1671	1.177	ug/l #	80
31) Cyclohexane	7.80	56	7065	1.060	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	25956	4.667	ug/l #	50
38) Carbon Tetrachloride	7.80	117	33668	5.818	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	120762	43.478	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	120762	84.590	ug/l #	13

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003135.D

Acq: 08 Jul 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

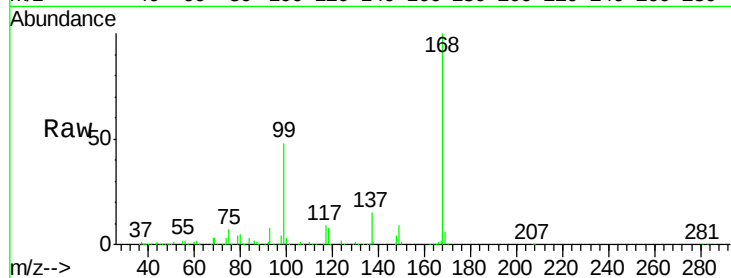
VY0708SBL01

Tot Ion:168 Resp: 381536

Ion Ratio Lower Upper

168 100

99 47.5 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003135.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003135.D (-945) (-)

7.80

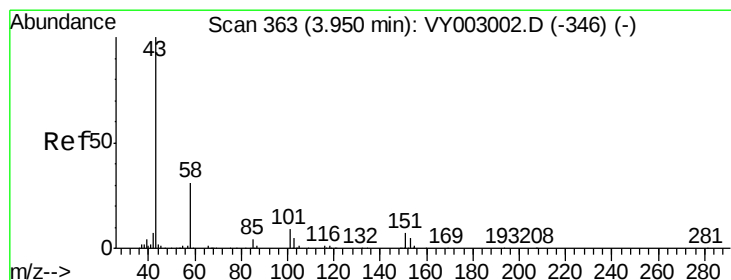
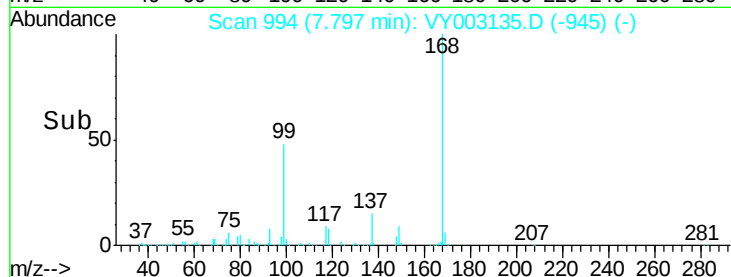
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.412 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY003135.D

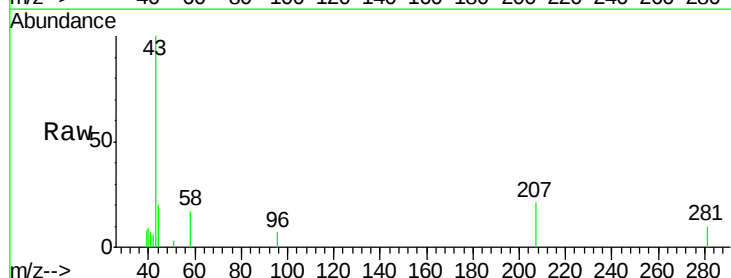
Acq: 08 Jul 2020 14:34

Tgt Ion: 43 Resp: 5731

Ion Ratio Lower Upper

43 100

58 16.7 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VY003135.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003135.D (-314) (-)

3.96

2500

2000

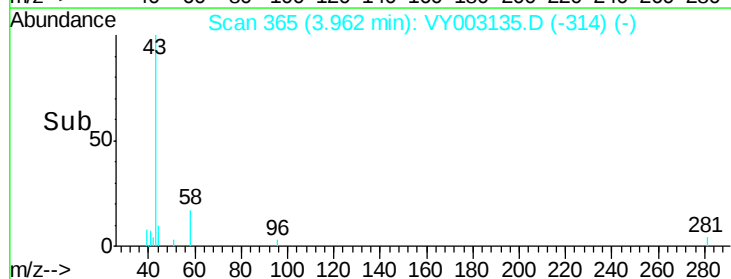
1500

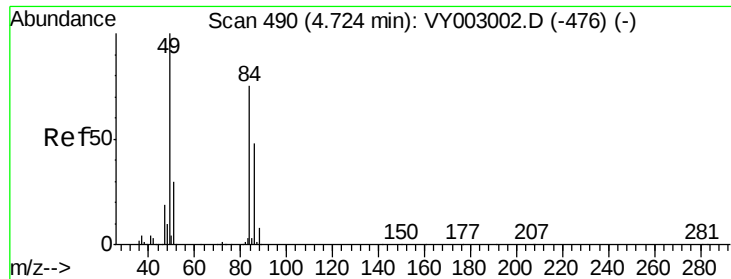
1000

500

0

Time-->

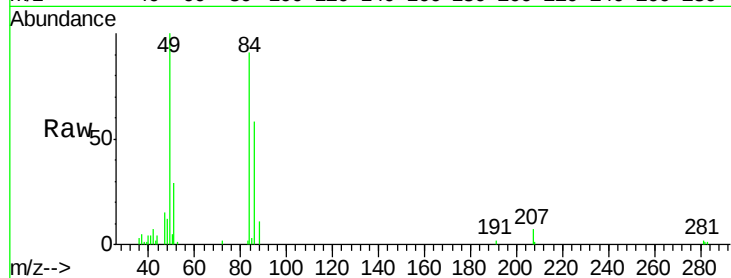




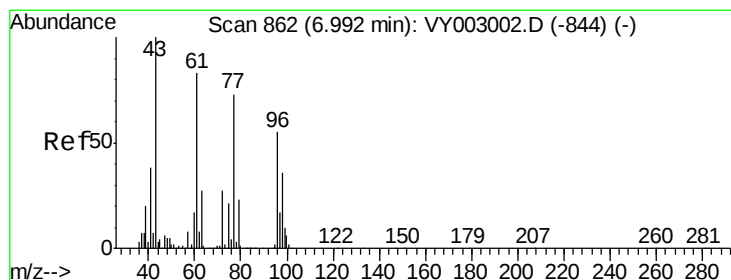
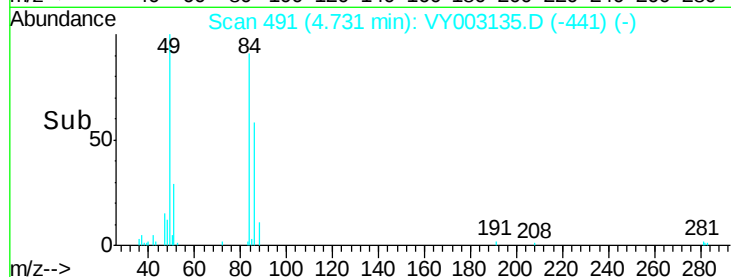
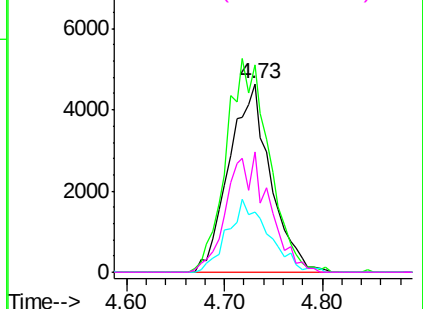
#20
Methylene Chloride
Concen: Below Cal
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY003135.D
Acq: 08 Jul 2020 14:34

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBL01

Tot Ion: 84 Resp: 13634
Ion Ratio Lower Upper
84 100
49 110.2 106.8 160.2
51 31.9 32.0 48.0#
86 64.1 51.4 77.2

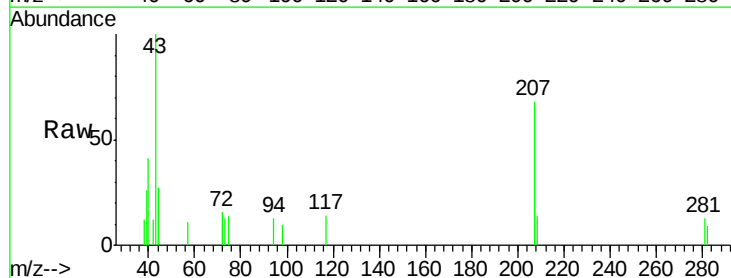


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

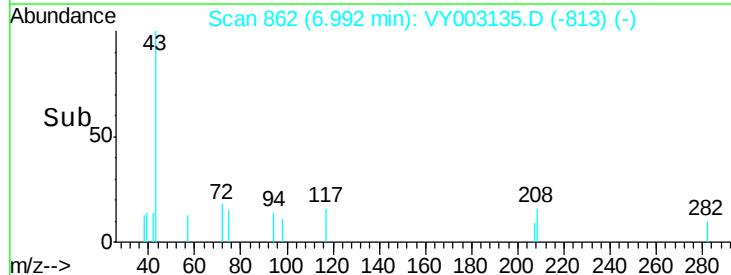
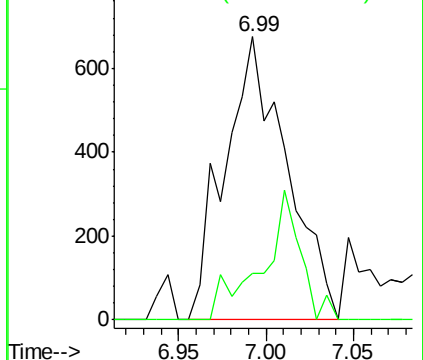


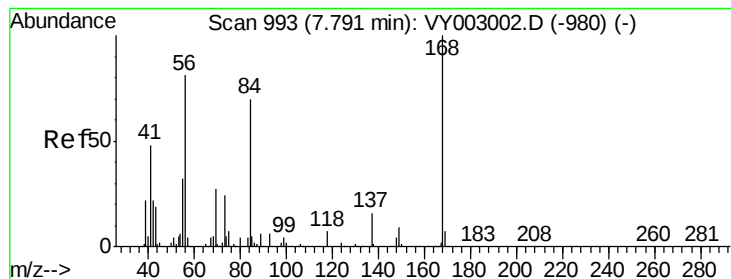
#25
2-Butanone
Concen: 1.177 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003135.D
Acq: 08 Jul 2020 14:34

Tgt Ion: 43 Resp: 1671
Ion Ratio Lower Upper
43 100
72 16.3 21.4 32.0#



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0





#31

Cyclohexane

Concen: 1.060 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY003135.D

Acq: 08 Jul 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBL01

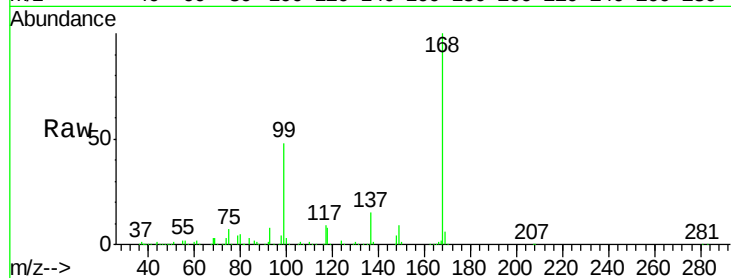
Tot Ion: 56 Resp: 7065

Ion Ratio Lower Upper

56 100

69 145.3 27.0 40.4#

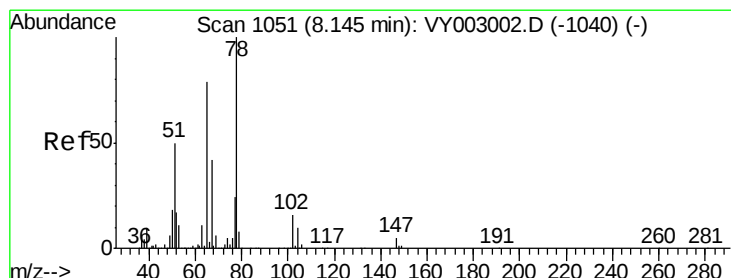
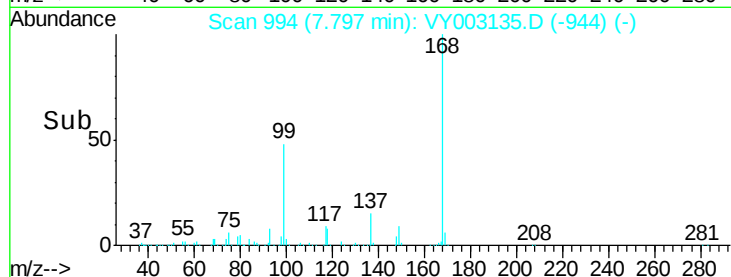
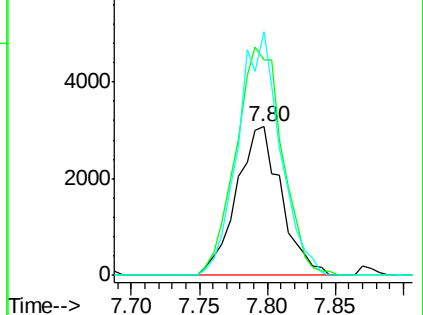
84 164.2 68.1 102.1#



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: 49.504 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VY003135.D

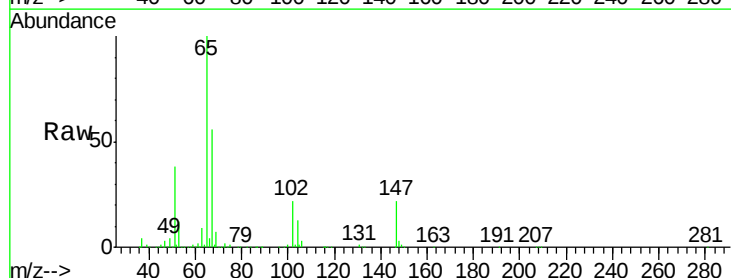
Acq: 08 Jul 2020 14:34

Tgt Ion: 65 Resp: 187590

Ion Ratio Lower Upper

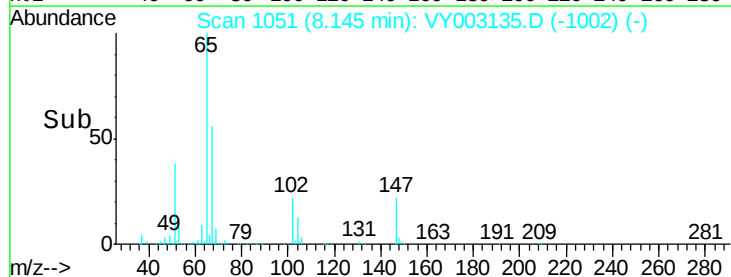
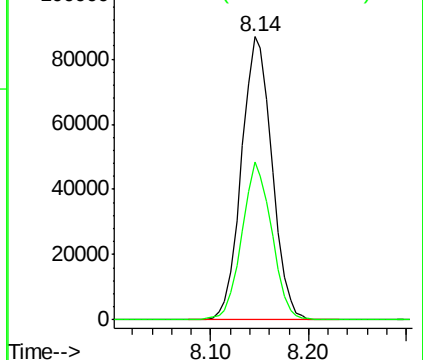
65 100

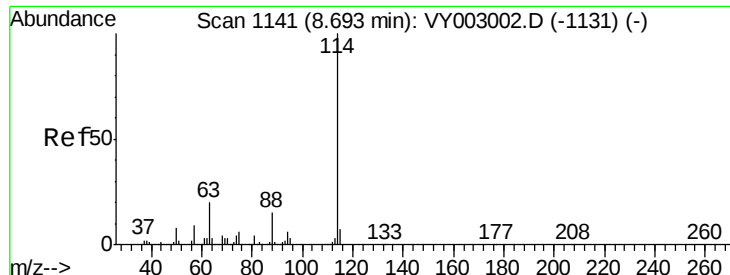
67 54.6 0.0 105.6



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: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY003135.D

Acq: 08 Jul 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBL01

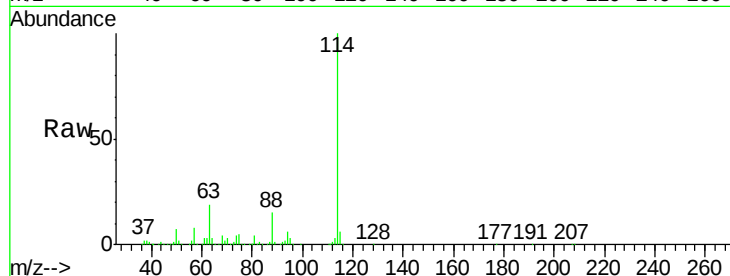
Tot Ion:114 Resp: 577420

Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.6

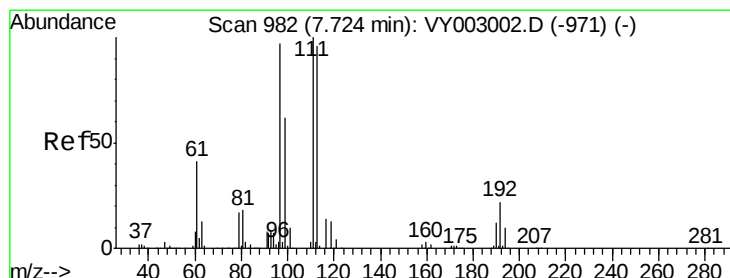
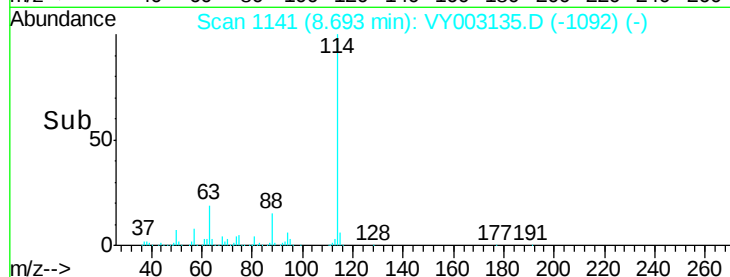
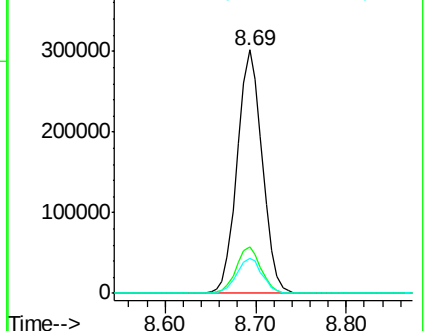
88 14.6 0.0 30.0



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: 52.120 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003135.D

Acq: 08 Jul 2020 14:34

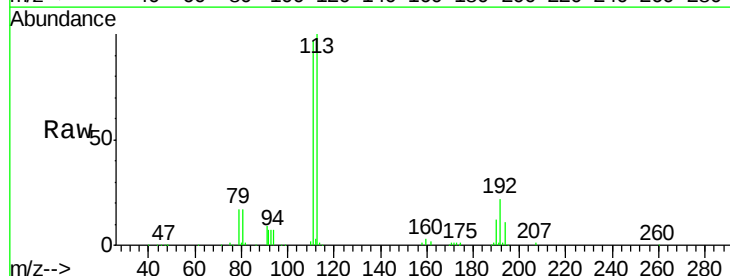
Tgt Ion:113 Resp: 187739

Ion Ratio Lower Upper

113 100

111 101.6 82.6 123.8

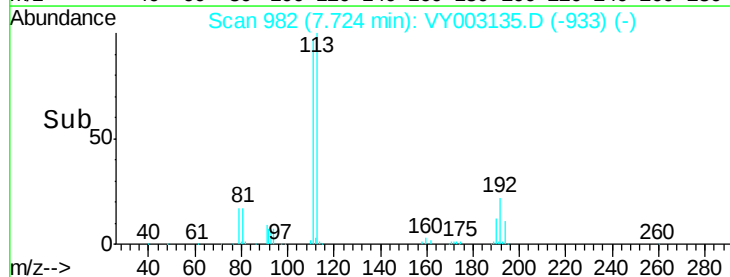
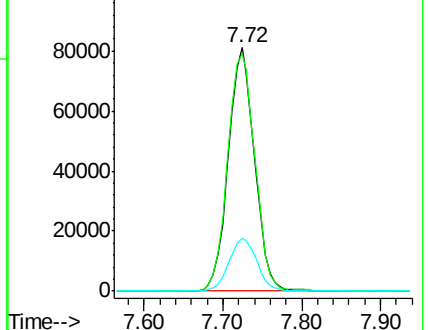
192 22.9 18.1 27.1

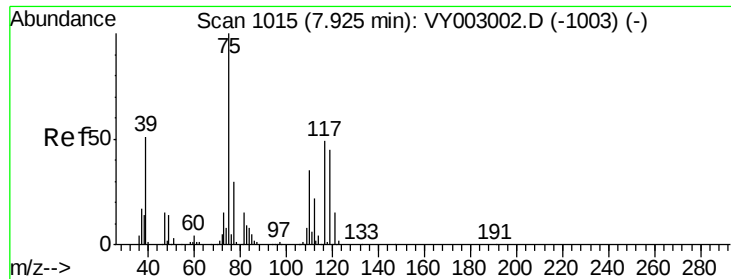


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.667 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY003135.D

Acq: 08 Jul 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0708SBL01

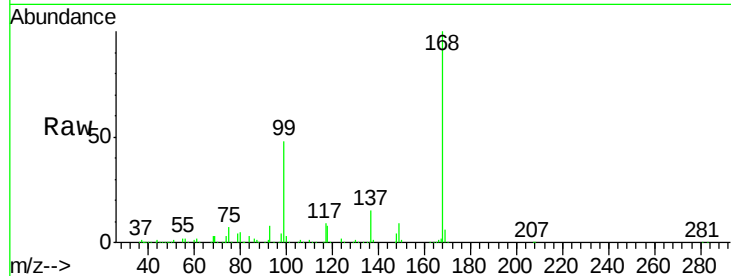
Tot Ion: 75 Resp: 25956

Ion Ratio Lower Upper

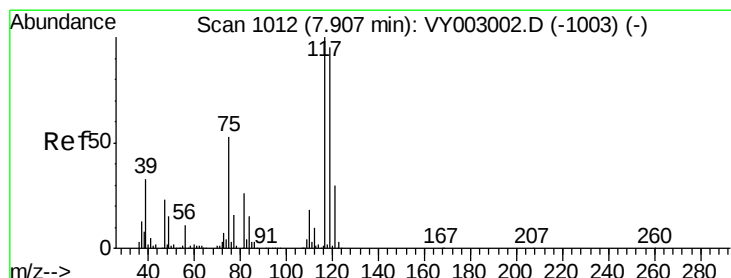
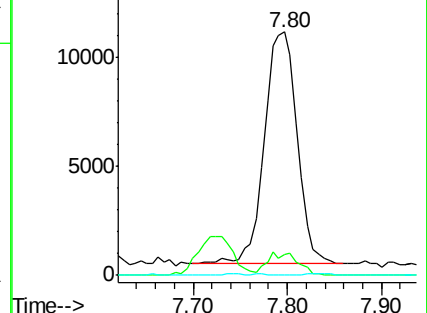
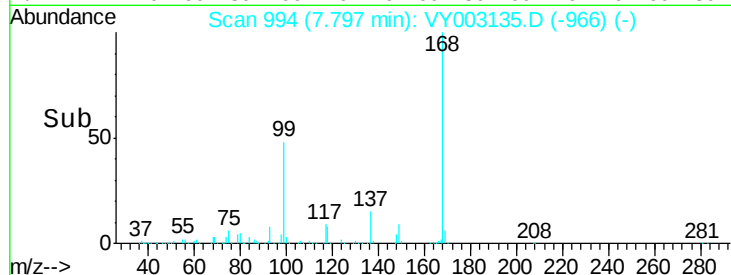
75 100

110 9.2 17.1 51.2#

77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VY003135.D (-966) (-)



#38

Carbon Tetrachloride

Concen: 5.818 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003135.D

Acq: 08 Jul 2020 14:34

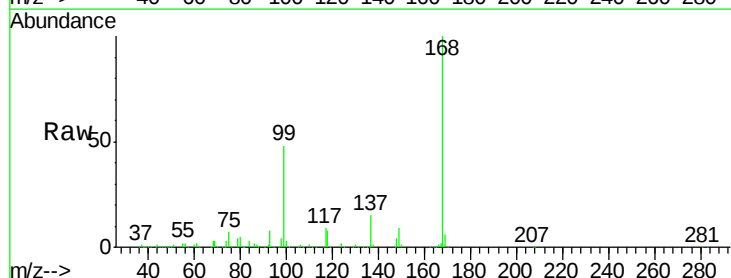
Tgt Ion: 117 Resp: 33668

Ion Ratio Lower Upper

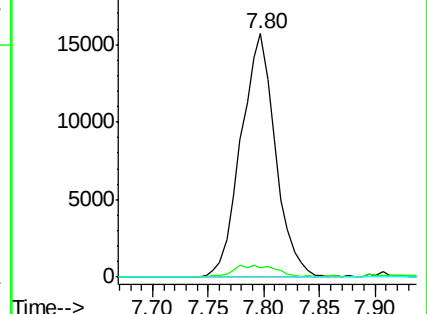
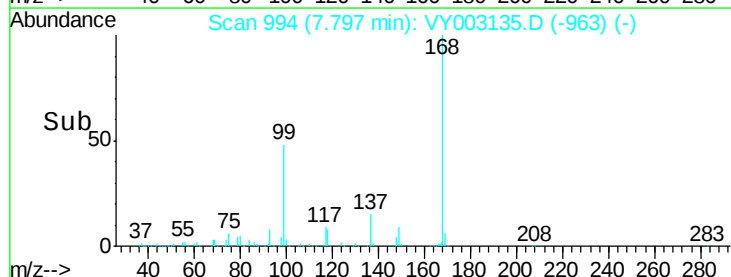
117 100

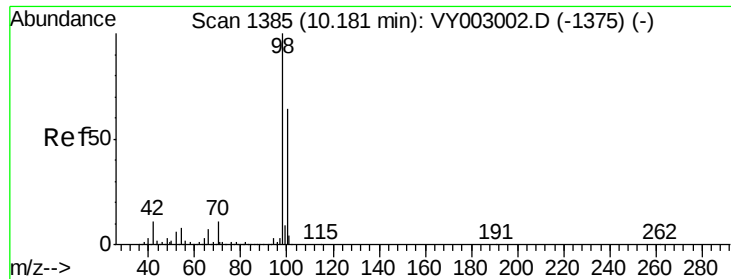
119 4.1 75.7 113.5#

121 0.0 23.9 35.9#



Abundance Ion 116.80 (116.50 to 117.50): VY003135.D (-963) (-)





#50

Toluene-d8

Concen: 50.011 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003135.D

Acq: 08 Jul 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

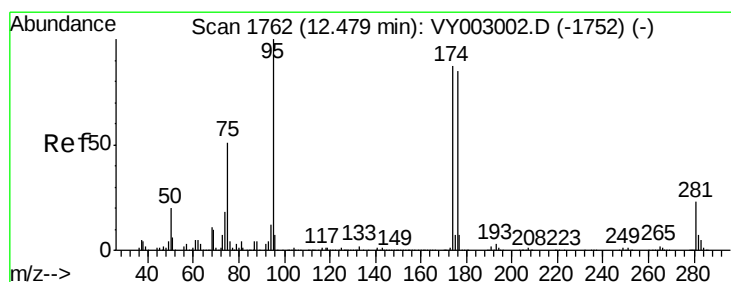
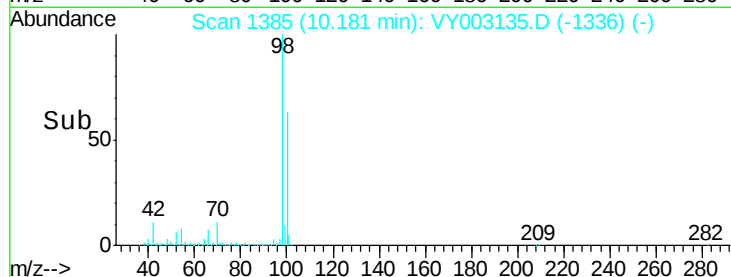
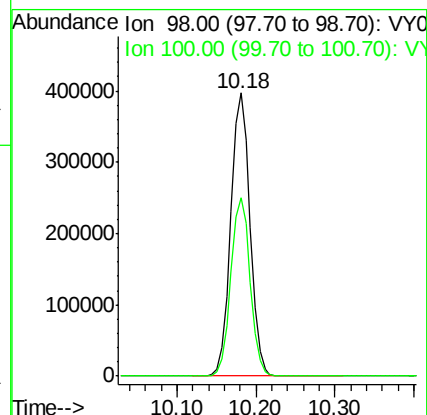
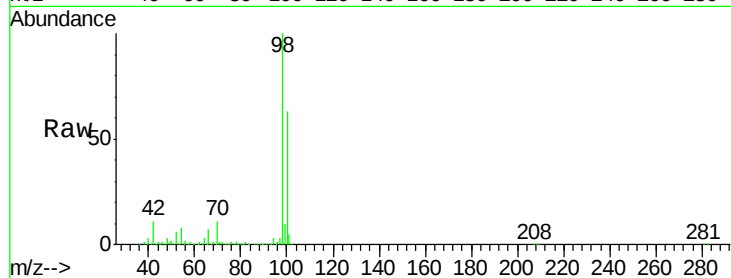
VY0708SBL01

Tot Ion: 98 Resp: 671107

Ion Ratio Lower Upper

98 100

100 63.4 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 50.606 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003135.D

Acq: 08 Jul 2020 14:34

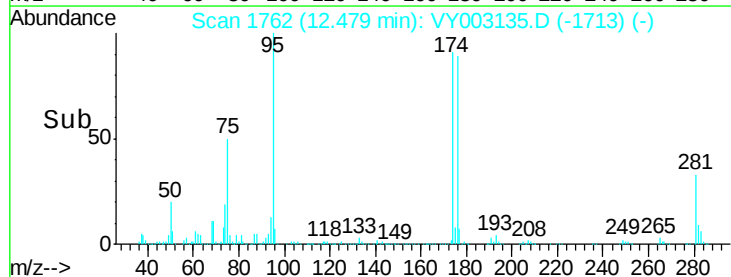
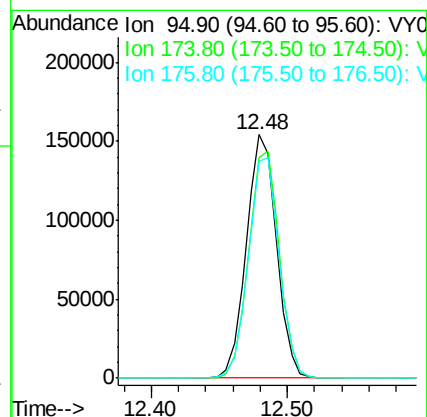
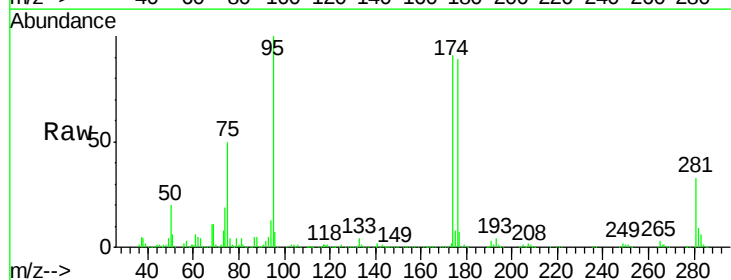
Tgt Ion: 95 Resp: 239041

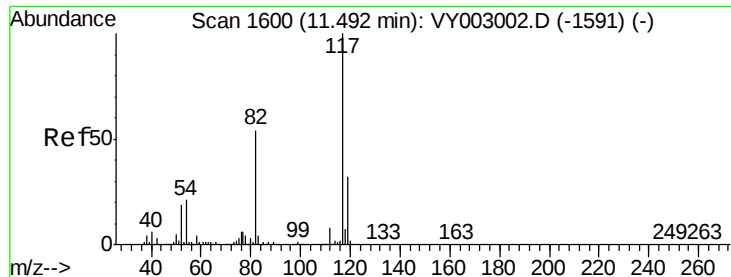
Ion Ratio Lower Upper

95 100

174 95.2 0.0 184.8

176 92.7 0.0 183.0

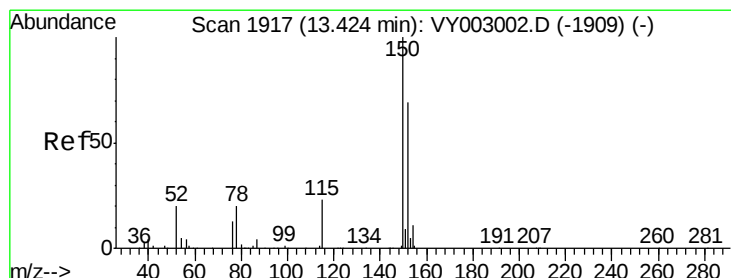
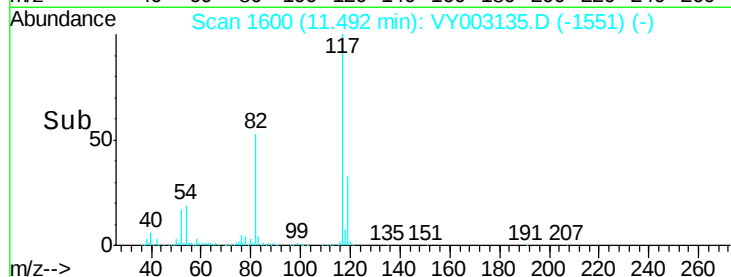
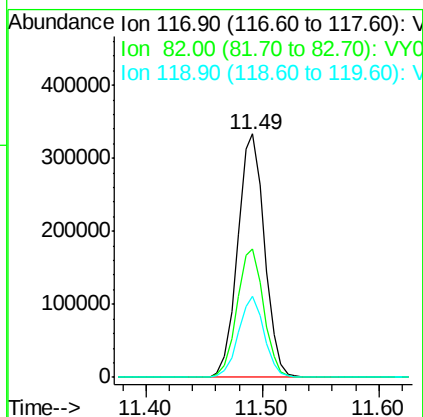
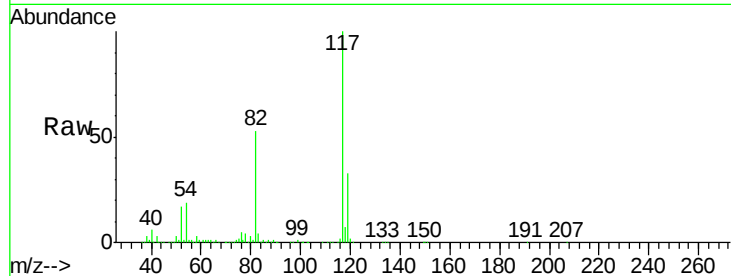




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003135.D
Acq: 08 Jul 2020 14:34

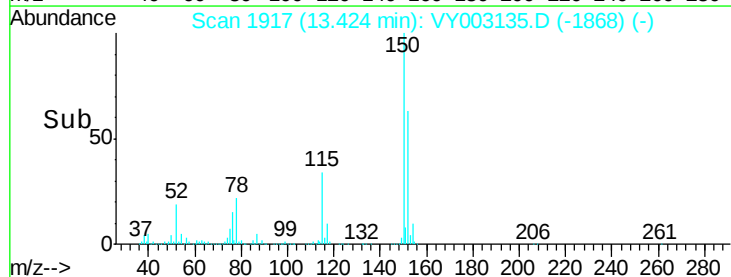
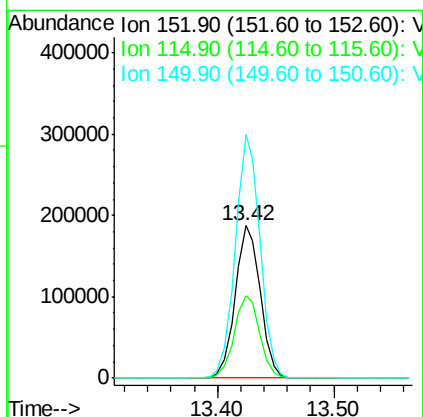
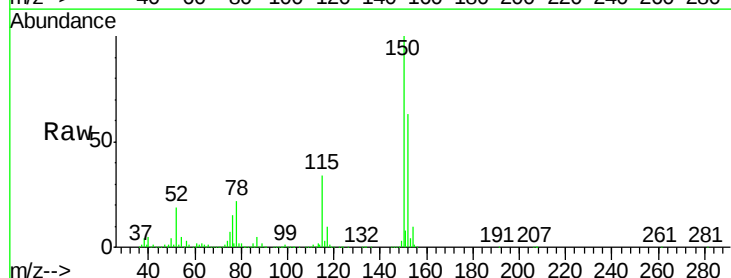
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBL01

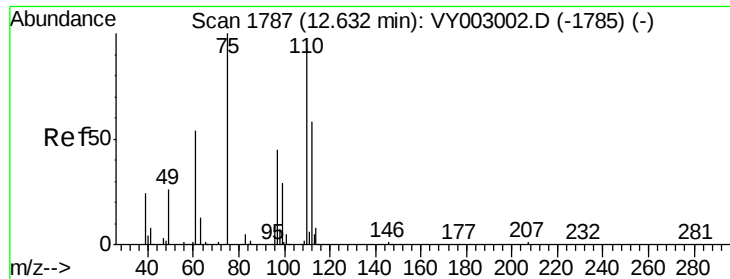
Tot Ion:117 Resp: 533959
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.6
119 33.2 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003135.D
Acq: 08 Jul 2020 14:34

Tgt Ion:152 Resp: 280648
Ion Ratio Lower Upper
152 100
115 54.4 27.3 81.9
150 157.3 0.0 343.4





#76

1,2,3-Trichloropropane

Concen: 43.478 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003135.D

Acq: 08 Jul 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

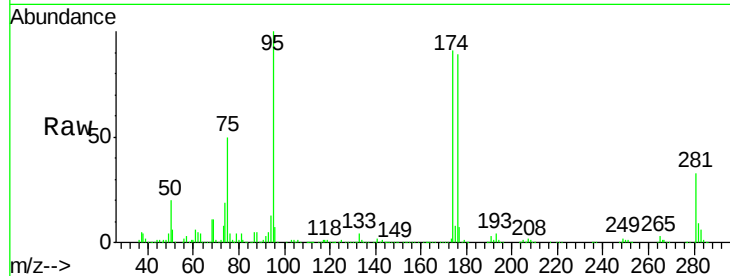
VY0708SBL01

Tot Ion: 75 Resp: 120762

Ion Ratio Lower Upper

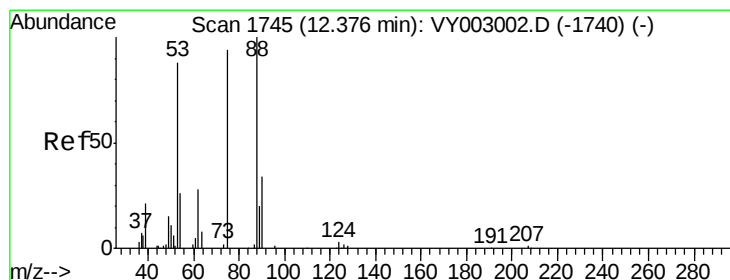
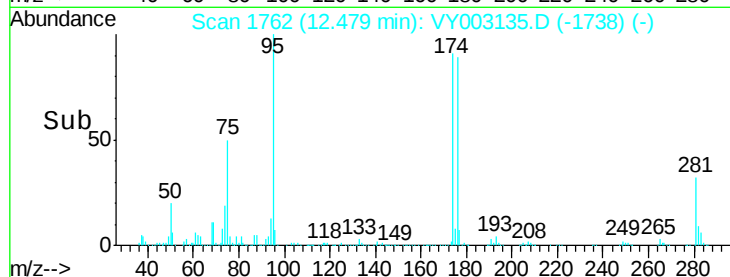
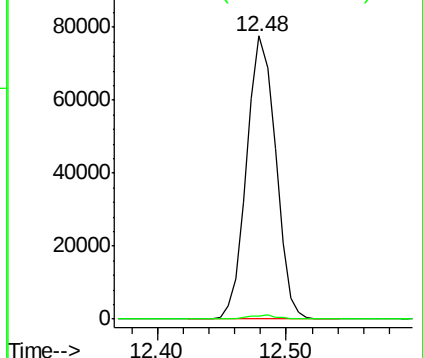
75 100

77 1.4 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: 84.590 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003135.D

Acq: 08 Jul 2020 14:34

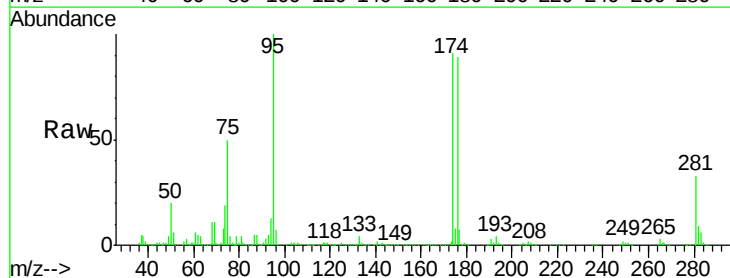
Tgt Ion: 75 Resp: 120762

Ion Ratio Lower Upper

75 100

53 0.0 73.9 110.9#

89 0.7 37.5 56.3#



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

