

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070920\
 Data File : VY003148.D
 Acq On : 09 Jul 2020 16:57
 Operator : SY/MD
 Sample : L3255-09
 Misc : 6.45G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-17

Quant Time: Jul 10 03:43:55 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	307272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	492588	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	487160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	253404	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	160166	52.48	ug/l	0.00
Spiked Amount			Recovery	=	104.96%	
35) Dibromofluoromethane	7.72	113	160483	52.23	ug/l	0.00
Spiked Amount			Recovery	=	104.46%	
50) Toluene-d8	10.18	98	596548	52.11	ug/l	0.00
Spiked Amount			Recovery	=	104.22%	
62) 4-Bromofluorobenzene	12.48	95	221846	55.05	ug/l	0.00
Spiked Amount			Recovery	=	110.10%	

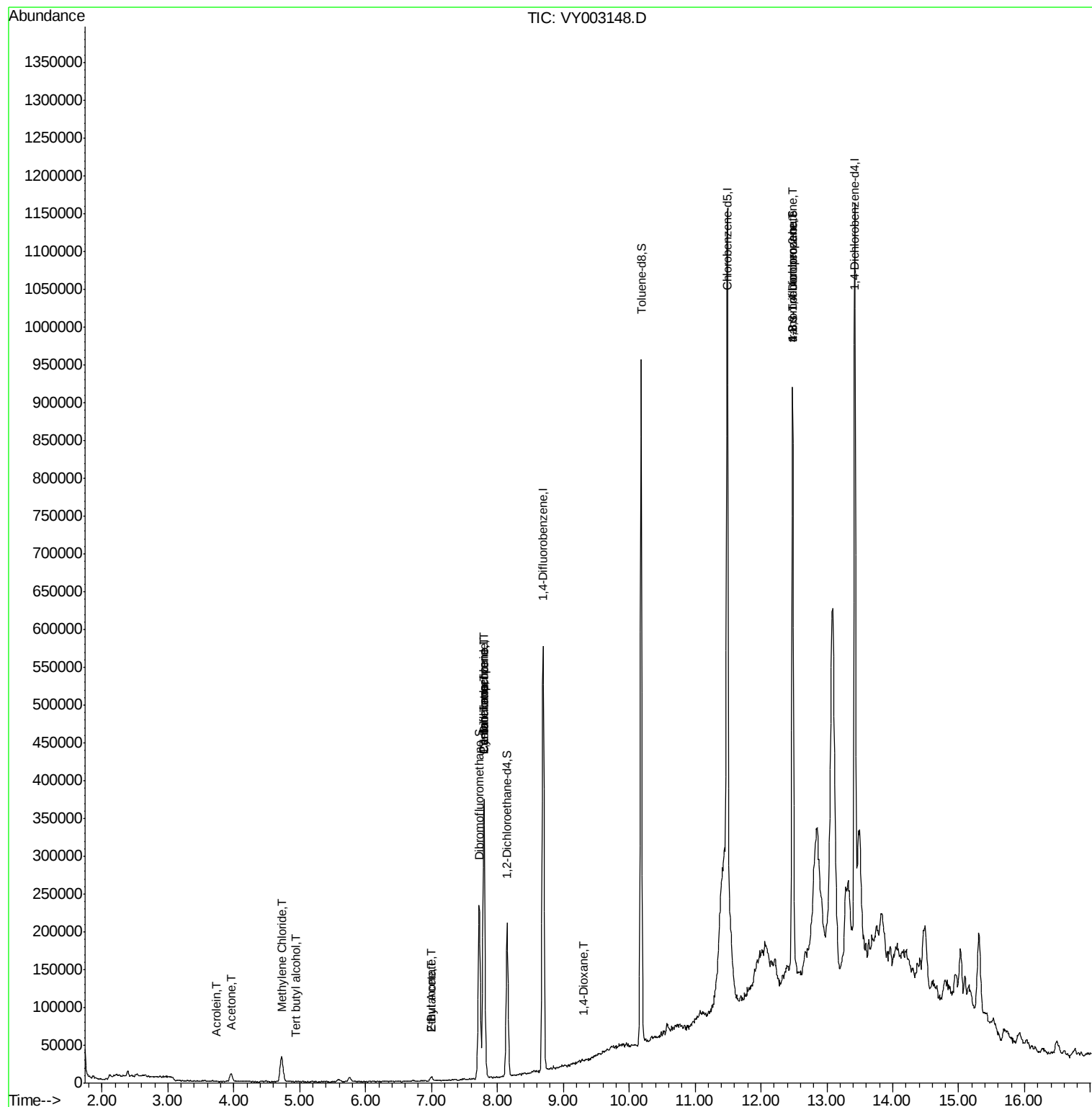
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.94	59	384	1.235	ug/l #	88
13) Acrolein	3.74	56	383	1.371	ug/l	93
16) Acetone	3.95	43	19316	26.836	ug/l	96
20) Methylene Chloride	4.73	84	26373	1.441	ug/l	85
25) 2-Butanone	7.00	43	9267	8.105	ug/l #	87
31) Cyclohexane	7.79	56	5653	1.053	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	20519	4.325	ug/l #	52
37) Ethyl Acetate	7.00	43	9267	3.248	ug/l #	70
38) Carbon Tetrachloride	7.80	117	26963	5.462	ug/l #	15
49) 1,4-Dioxane	9.31	88	98	4.113	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	114141	45.512	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	114141	88.548	ug/l #	13

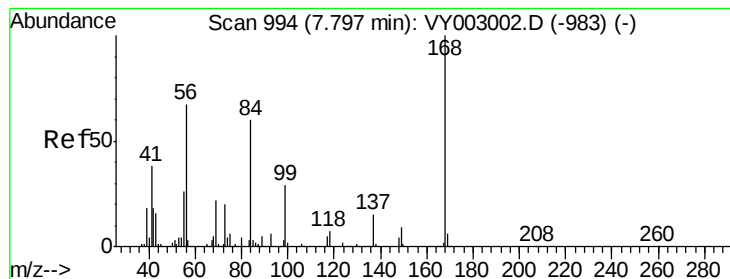
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070920\
Data File : VY003148.D
Acq On : 09 Jul 2020 16:57
Operator : SY/MD
Sample : L3255-09
Misc : 6.45G/5ML/MSVOA Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-17

Quant Time: Jul 10 03:43:55 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003148.D

Acq: 09 Jul 2020 16:57

Instrument :

MSVOA_Y

ClientSampleId :

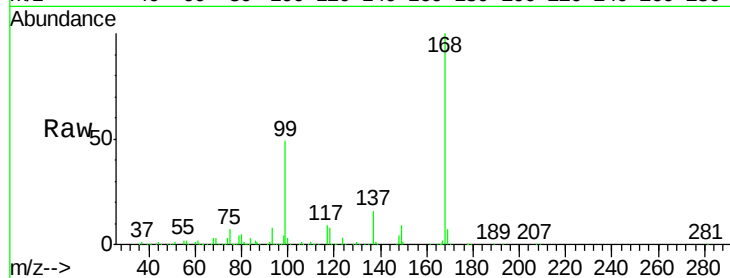
CHRT-17

Tot Ion:168 Resp: 307272

Ion Ratio Lower Upper

168 100

99 49.1 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003148.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003148.D (-945) (-)

7.80

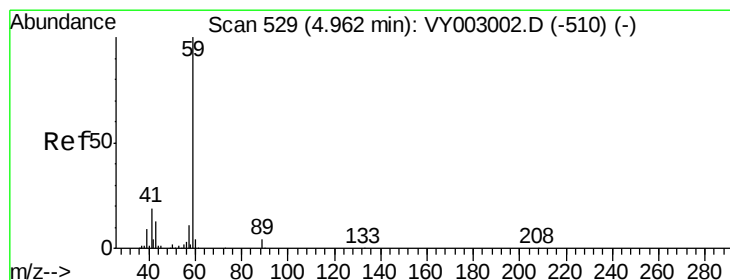
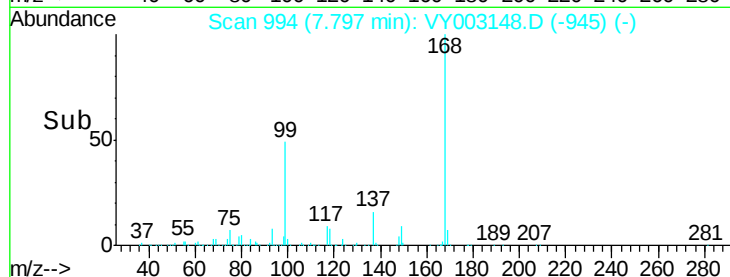
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.235 ug/l

RT: 4.94 min Scan# 525

Delta R.T. -0.02 min

Lab File: VY003148.D

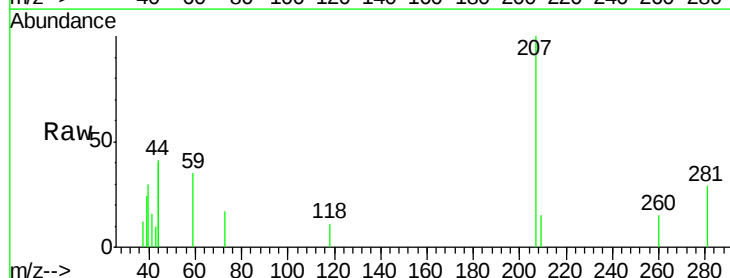
Acq: 09 Jul 2020 16:57

Tgt Ion: 59 Resp: 384

Ion Ratio Lower Upper

59 100

57 5.7 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VY003148.D (-480) (-)

Ion 57.00 (56.70 to 57.70): VY003148.D (-480) (-)

4.94

200

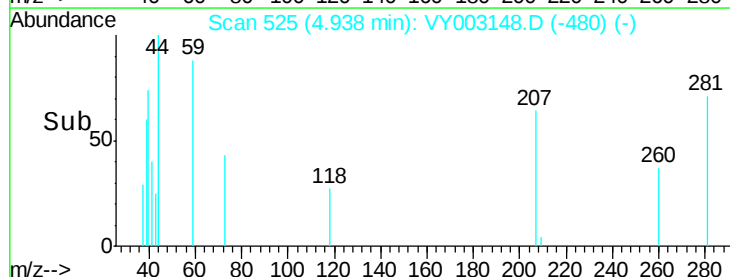
150

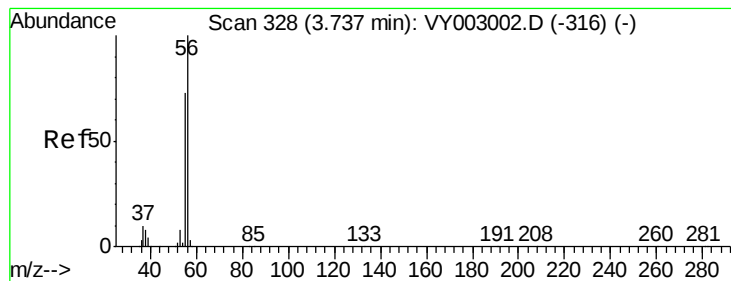
100

50

0

Time-->





#13

Acrolein

Concen: 1.371 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003148.D

Acq: 09 Jul 2020 16:57

Instrument :

MSVOA_Y

ClientSampled :

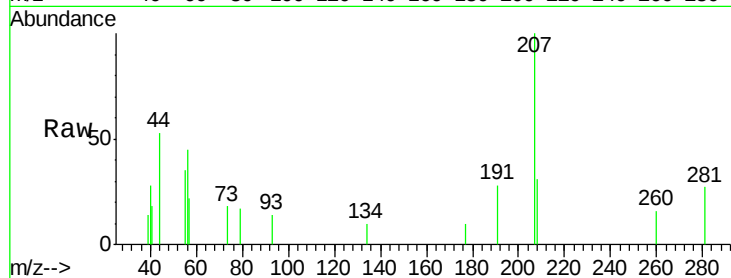
CHRT-17

Tot Ion: 56 Resp: 383

Ion Ratio Lower Upper

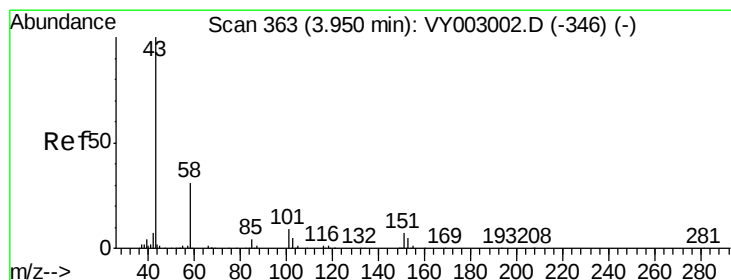
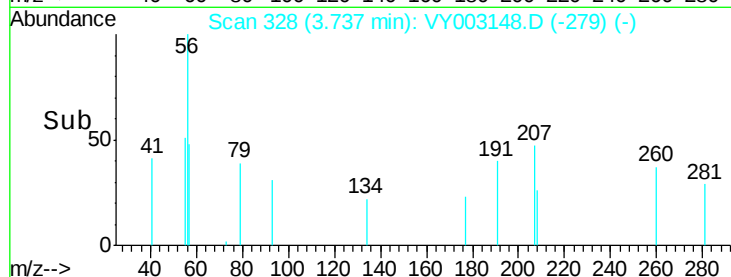
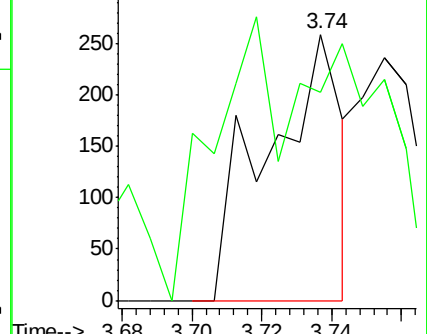
56 100

55 76.5 56.4 84.6



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#16

Acetone

Concen: 26.836 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.00 min

Lab File: VY003148.D

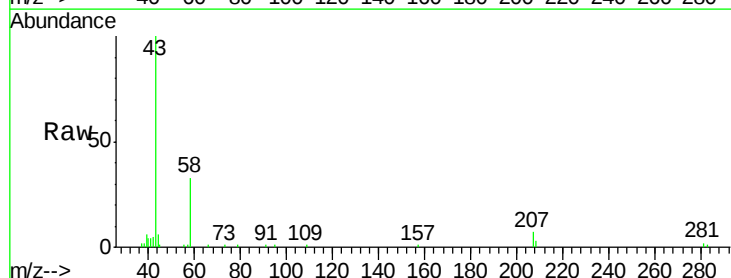
Acq: 09 Jul 2020 16:57

Tgt Ion: 43 Resp: 19316

Ion Ratio Lower Upper

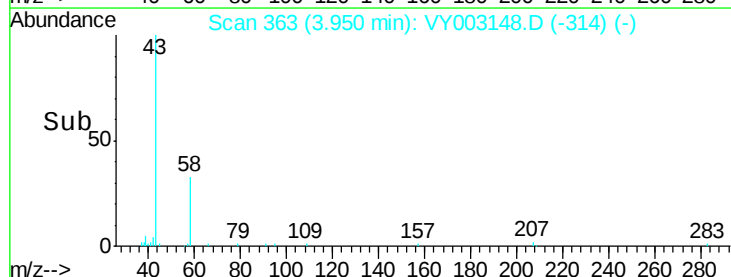
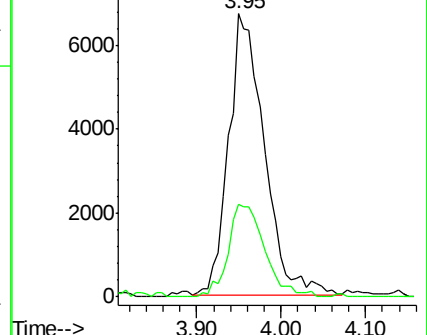
43 100

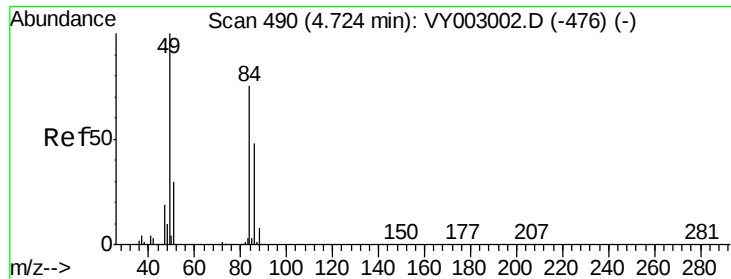
58 33.1 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

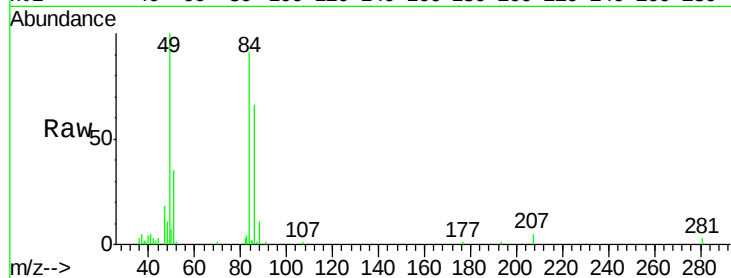




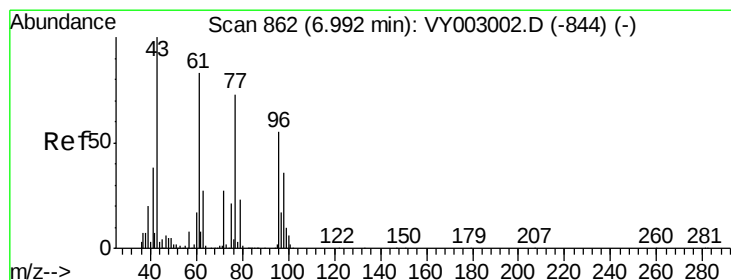
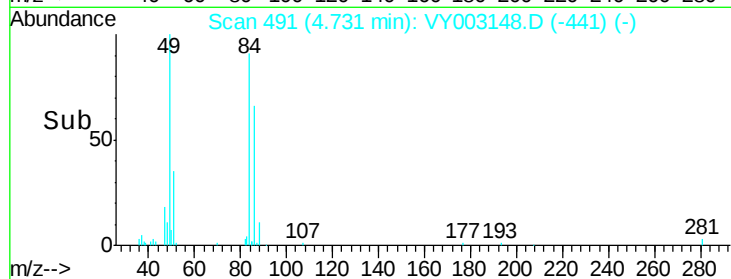
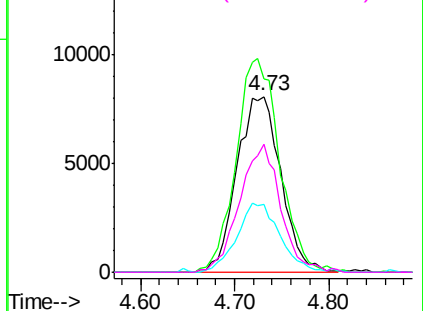
#20
Methvlene Chloride
Concen: 1.441 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY003148.D
Acq: 09 Jul 2020 16:57

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-17

Tot Ion: 84 Resp: 26373
Ion Ratio Lower Upper
84 100
49 109.8 106.8 160.2
51 37.9 32.0 48.0
86 72.7 51.4 77.2

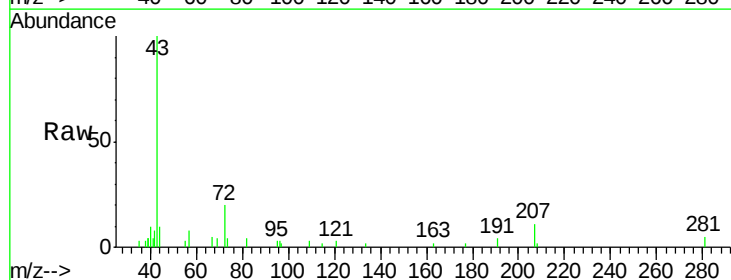


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

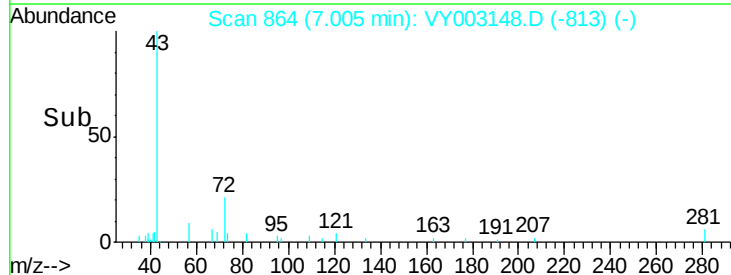
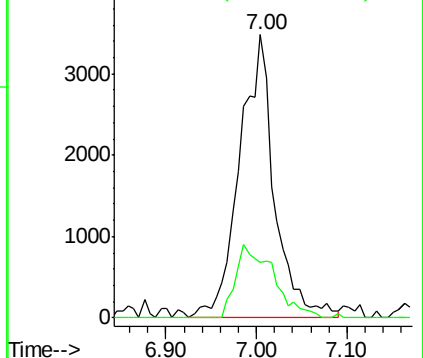


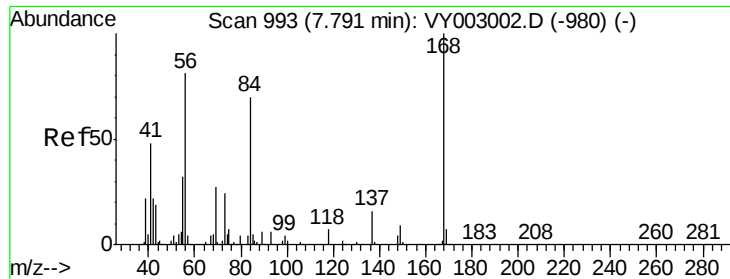
#25
2-Butanone
Concen: 8.105 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY003148.D
Acq: 09 Jul 2020 16:57

Tgt Ion: 43 Resp: 9267
Ion Ratio Lower Upper
43 100
72 19.8 21.4 32.0#



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

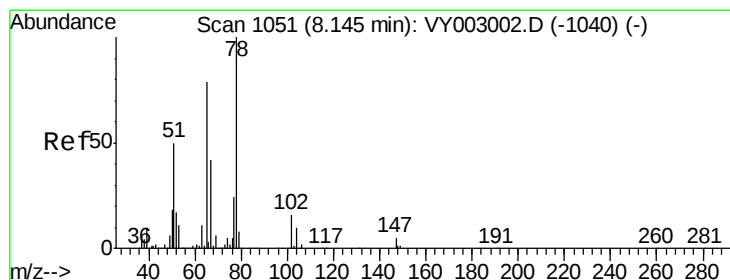
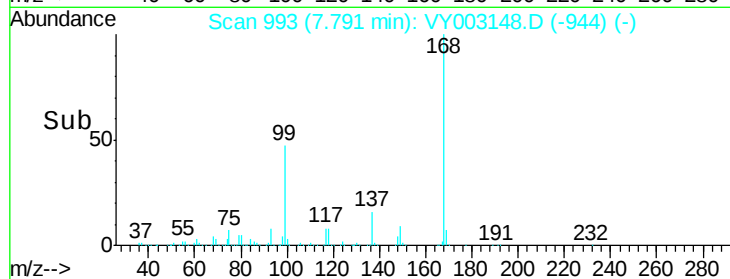
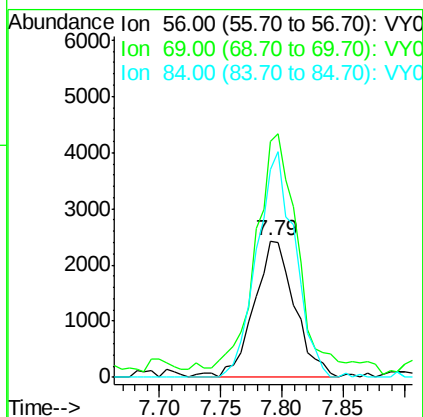
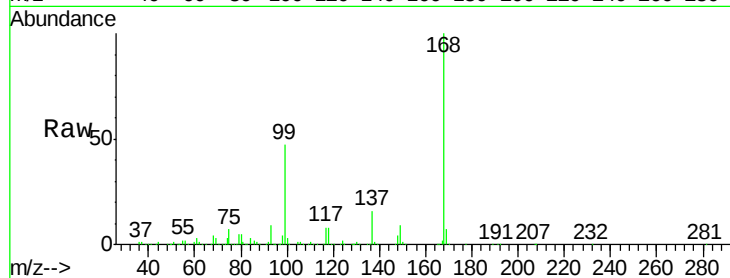




#31
Cyclohexane
Concen: 1.053 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY003148.D
Acq: 09 Jul 2020 16:57

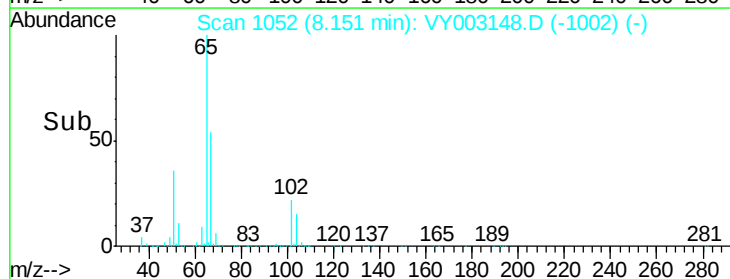
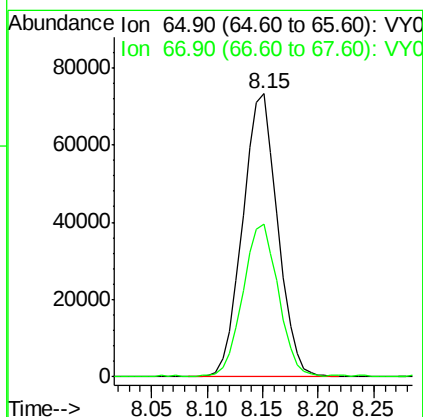
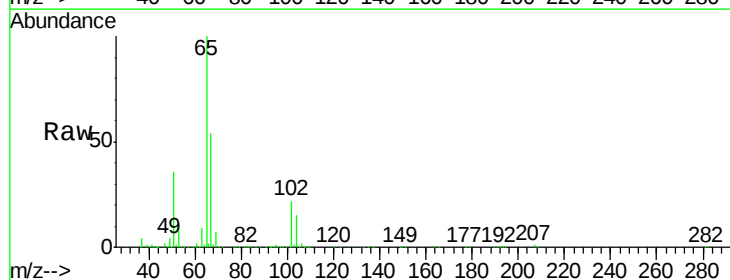
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-17

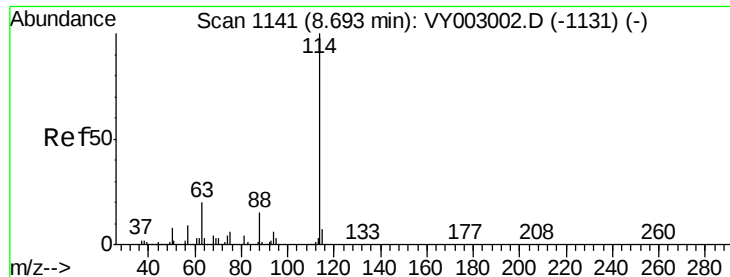
Tot Ion: 56 Resp: 5653
Ion Ratio Lower Upper
56 100
69 166.1 27.0 40.4#
84 152.4 68.1 102.1#



#33
1,2-Dichloroethane-d4
Concen: 52.482 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VY003148.D
Acq: 09 Jul 2020 16:57

Tgt Ion: 65 Resp: 160166
Ion Ratio Lower Upper
65 100
67 53.9 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY003148.D

Acq: 09 Jul 2020 16:57

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-17

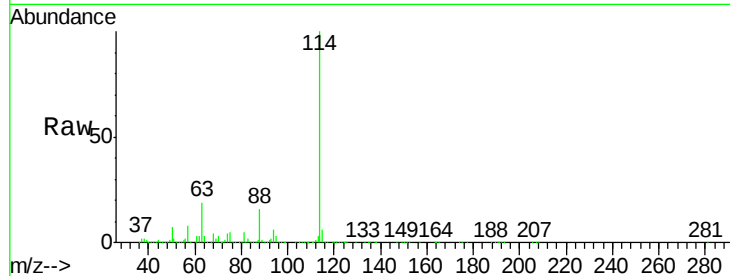
Tot Ion:114 Resp: 492588

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.6

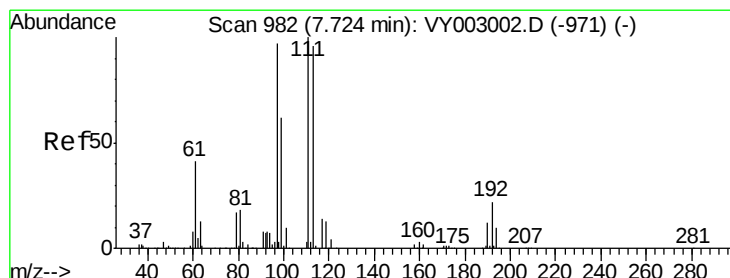
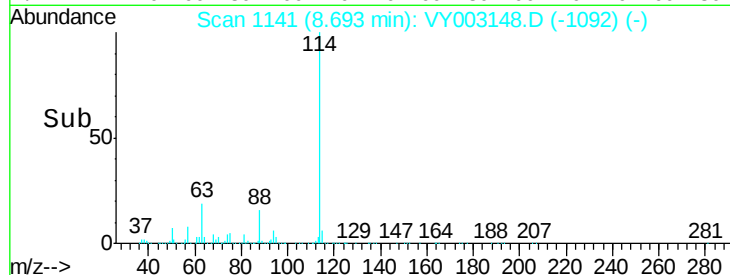
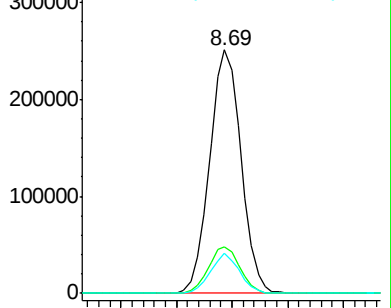
88 16.3 0.0 30.0



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: 52.226 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003148.D

Acq: 09 Jul 2020 16:57

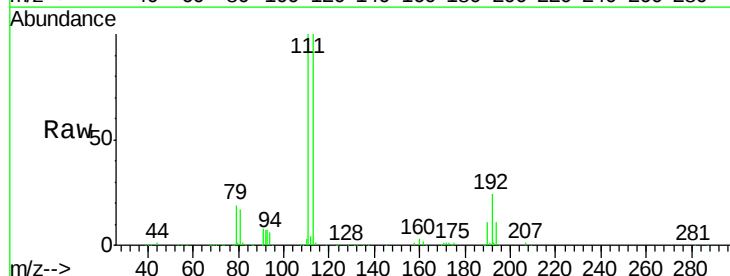
Tgt Ion:113 Resp: 160483

Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

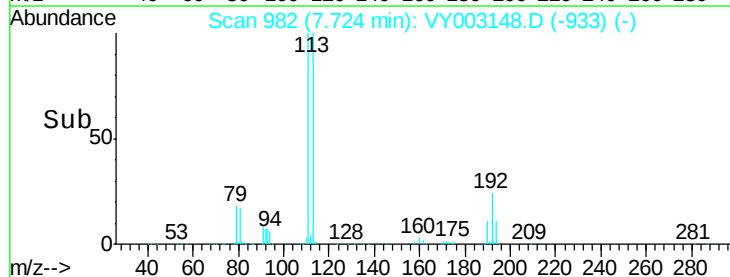
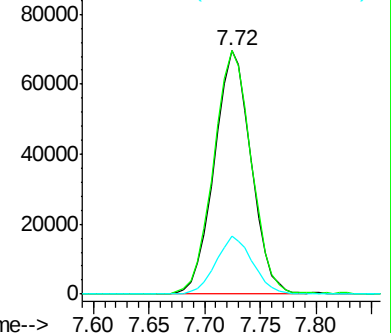
192 23.8 18.1 27.1

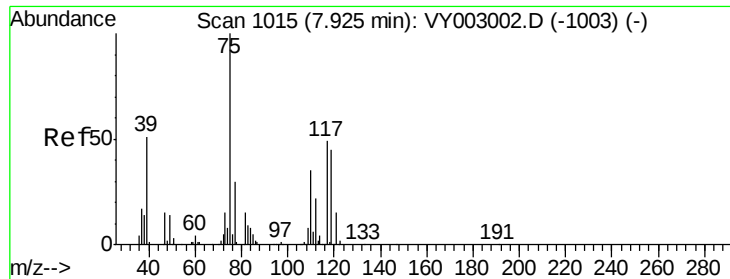


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

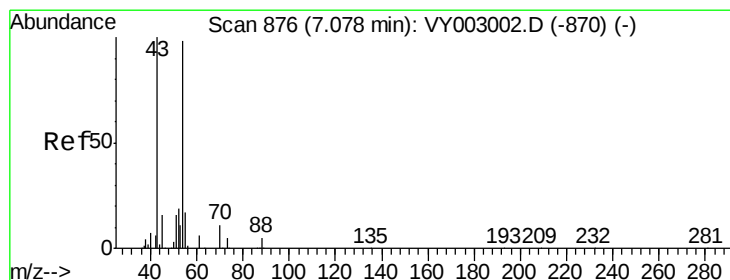
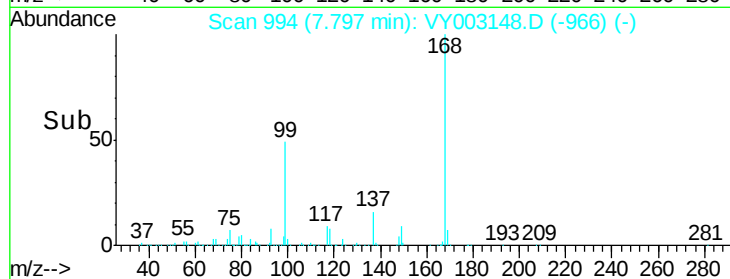
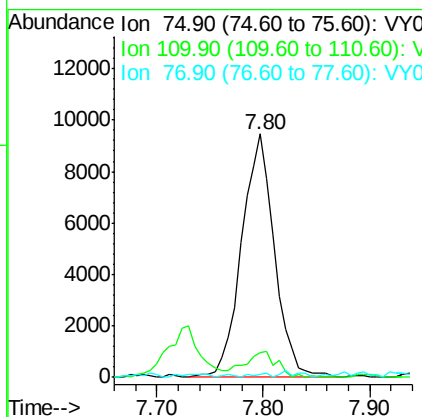
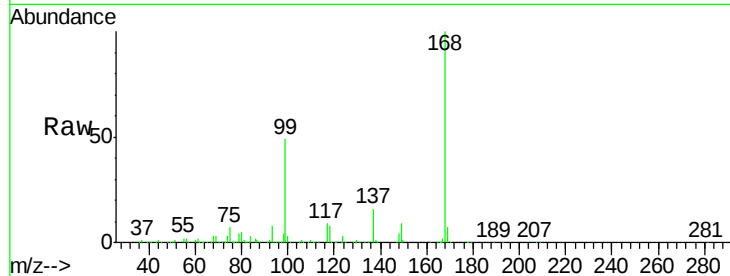




#36
 1,1-Dichloropropene
 Concen: 4.325 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY003148.D
 Acq: 09 Jul 2020 16:57

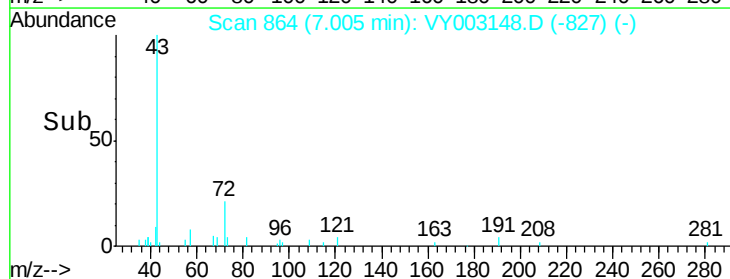
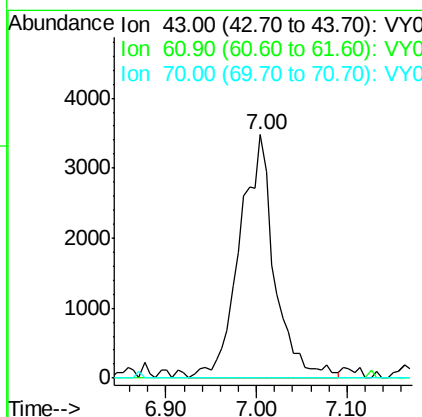
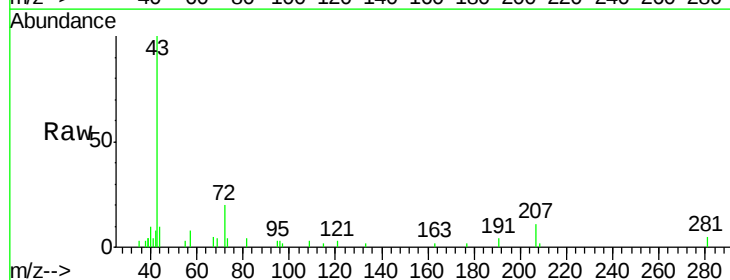
Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-17

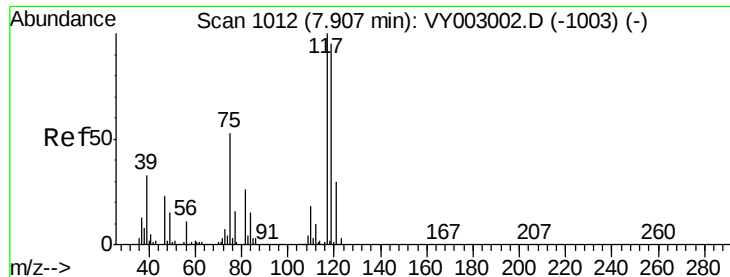
Tot Ion: 75 Resp: 20519
 Ion Ratio Lower Upper
 75 100
 110 10.3 17.1 51.2#
 77 0.9 24.9 37.3#



#37
 Ethyl Acetate
 Concen: 3.248 ug/l
 RT: 7.00 min Scan# 864
 Delta R.T. -0.07 min
 Lab File: VY003148.D
 Acq: 09 Jul 2020 16:57

Tgt Ion: 43 Resp: 9267
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.4 15.6#
 70 0.0 7.7 11.5#





#38

Carbon Tetrachloride

Concen: 5.462 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003148.D

Acq: 09 Jul 2020 16:57

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-17

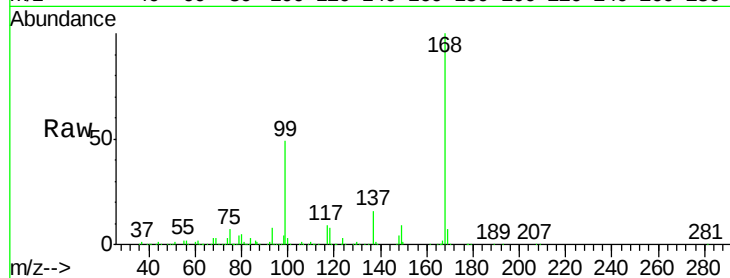
Tot Ion:117 Resp: 26963

Ion Ratio Lower Upper

117 100

119 3.3 75.7 113.5#

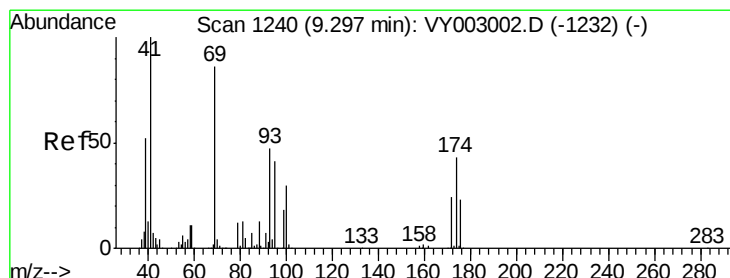
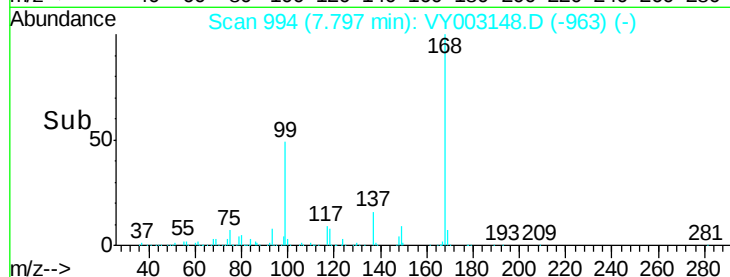
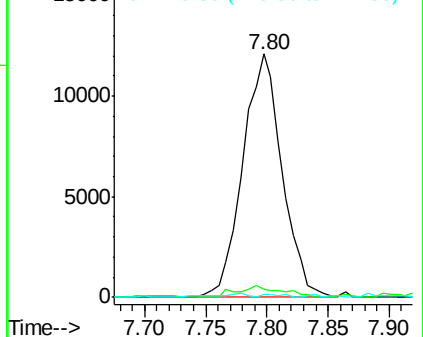
121 0.3 23.9 35.9#



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



#49

1,4-Dioxane

Concen: 4.113 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VY003148.D

Acq: 09 Jul 2020 16:57

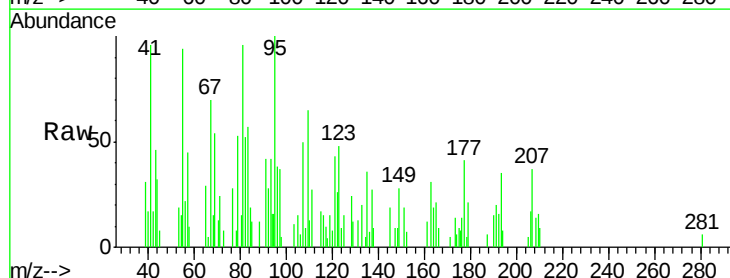
Tgt Ion: 88 Resp: 98

Ion Ratio Lower Upper

88 100

43 179.6 28.6 42.8#

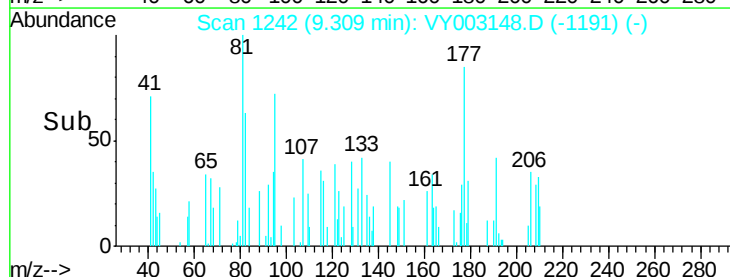
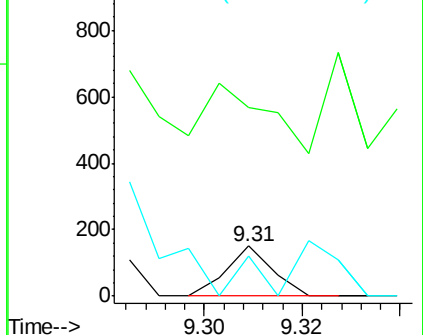
58 0.0 56.7 85.1#

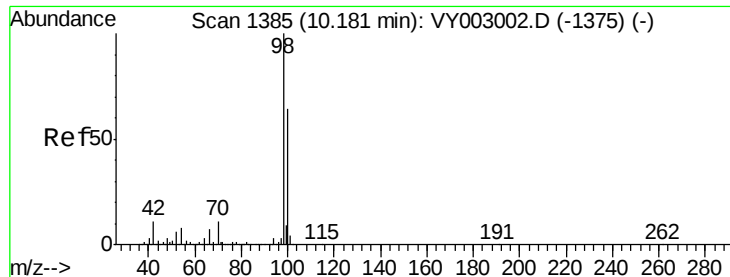


Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#50

Toluene-d8

Concen: 52.111 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003148.D

Acq: 09 Jul 2020 16:57

Instrument :

MSVOA_Y

ClientSampleId :

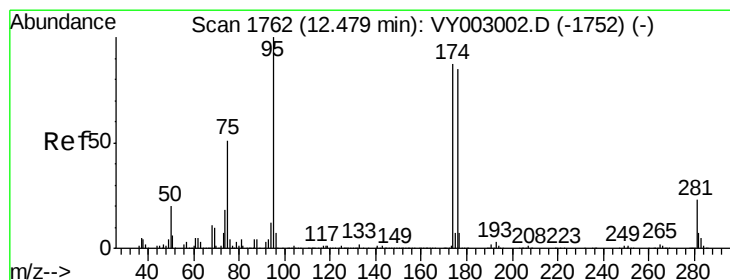
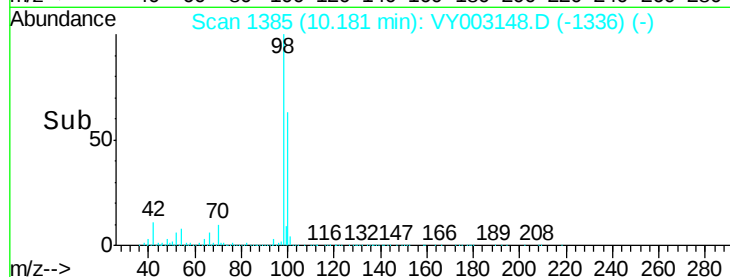
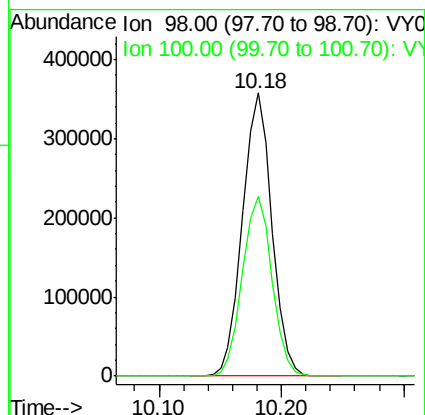
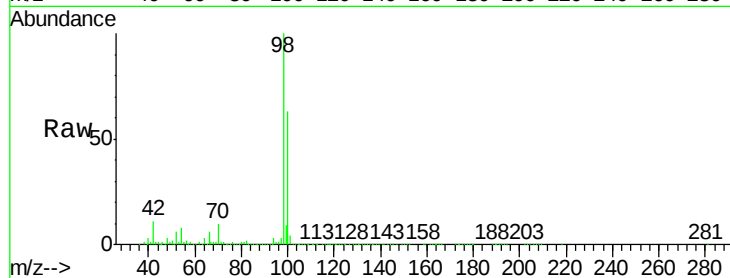
CHRT-17

Tot Ion: 98 Resp: 596548

Ion Ratio Lower Upper

98 100

100 64.2 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 55.054 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003148.D

Acq: 09 Jul 2020 16:57

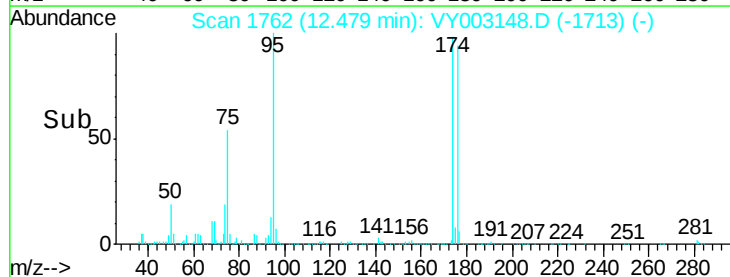
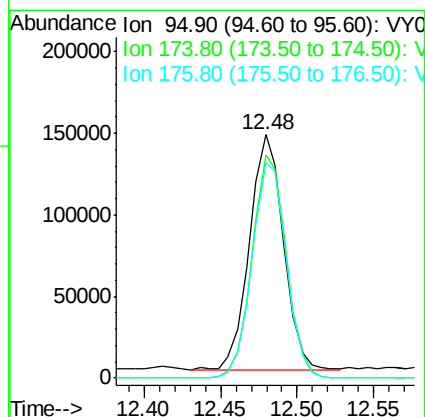
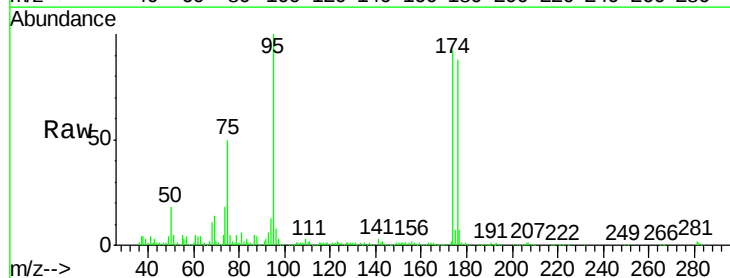
Tgt Ion: 95 Resp: 221846

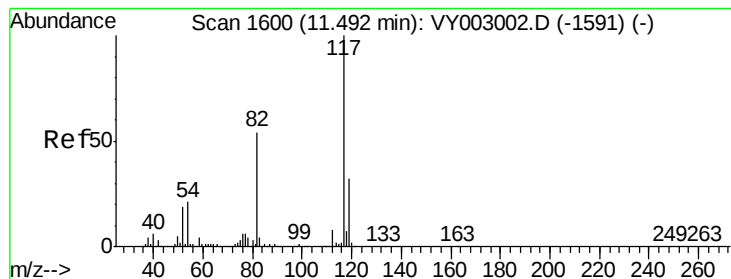
Ion Ratio Lower Upper

95 100

174 95.2 0.0 184.8

176 92.5 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: VY003148.D

Acq: 09 Jul 2020 16:57

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-17

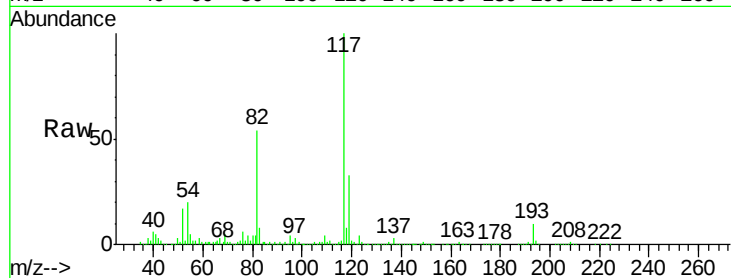
Tot Ion:117 Resp: 487160

Ion Ratio Lower Upper

117 100

82 52.7 43.0 64.6

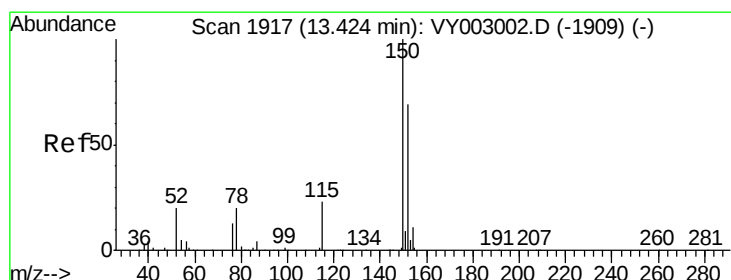
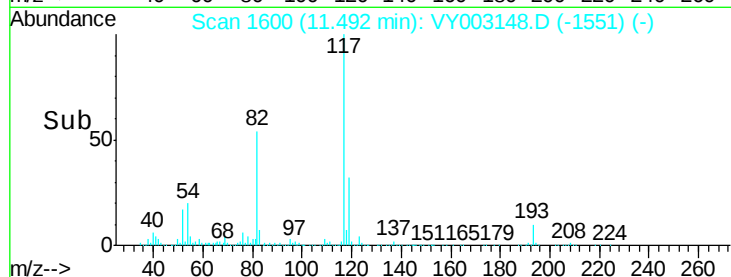
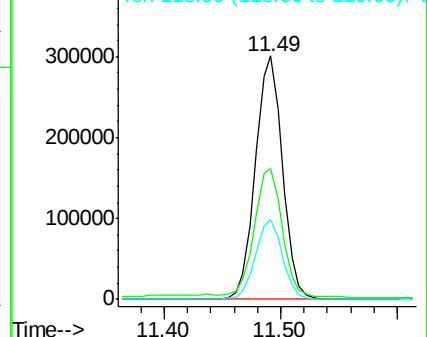
119 32.4 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VY003148.D

Acq: 09 Jul 2020 16:57

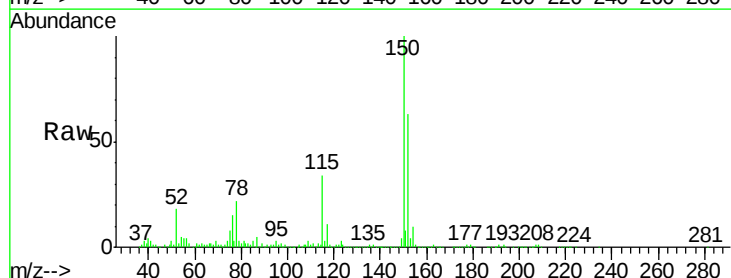
Tgt Ion:152 Resp: 253404

Ion Ratio Lower Upper

152 100

115 55.1 27.3 81.9

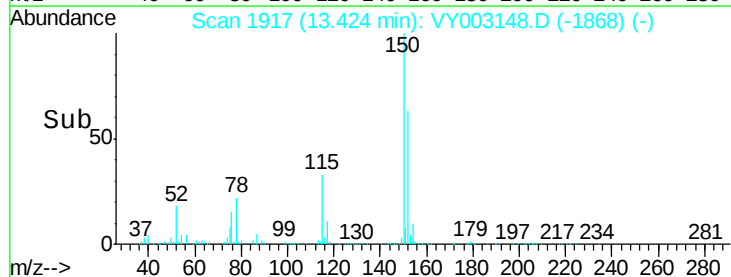
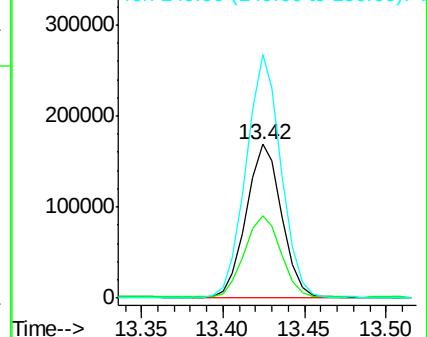
150 156.1 0.0 343.4

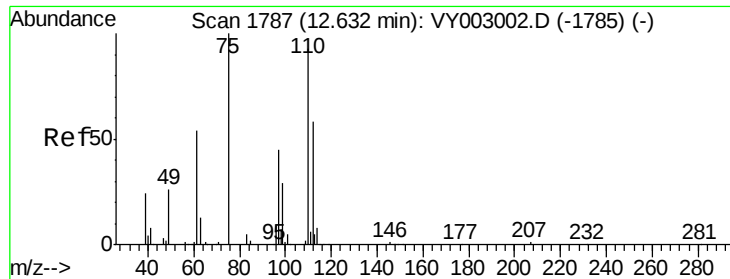


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

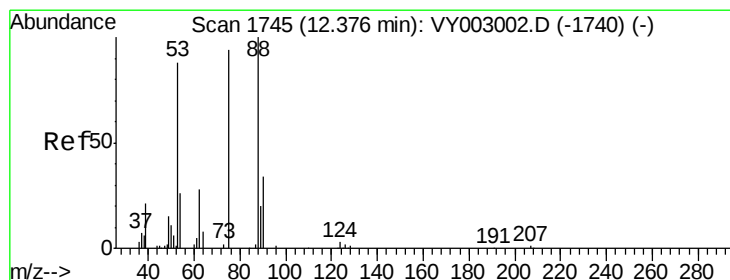
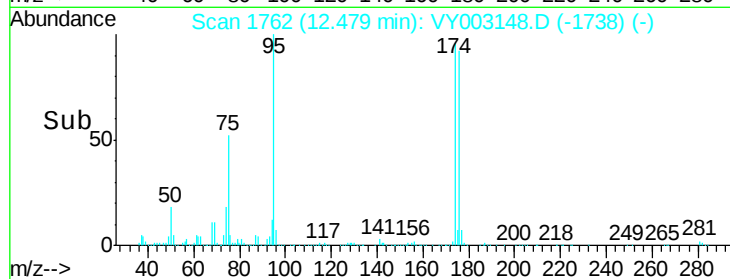
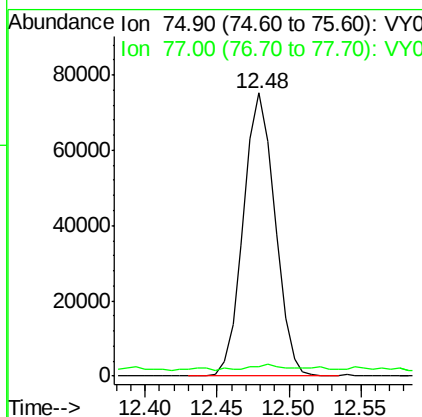
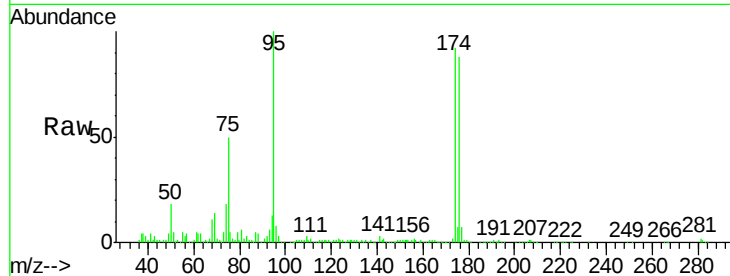




#76
 1,2,3-Trichloropropane
 Concen: 45.512 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.15 min
 Lab File: VY003148.D
 Acq: 09 Jul 2020 16:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-17

Tot Ion: 75 Resp: 114141
 Ion Ratio Lower Upper
 75 100
 77 2.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.548 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.10 min
 Lab File: VY003148.D
 Acq: 09 Jul 2020 16:57

Tgt Ion: 75 Resp: 114141
 Ion Ratio Lower Upper
 75 100
 53 0.7 73.9 110.9#
 89 0.0 37.5 56.3#

