

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070920\
 Data File : VY003146.D
 Acq On : 09 Jul 2020 16:09
 Operator : SY/MD
 Sample : L3255-05
 Misc : 6.79G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-58

Quant Time: Jul 10 04:19:28 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

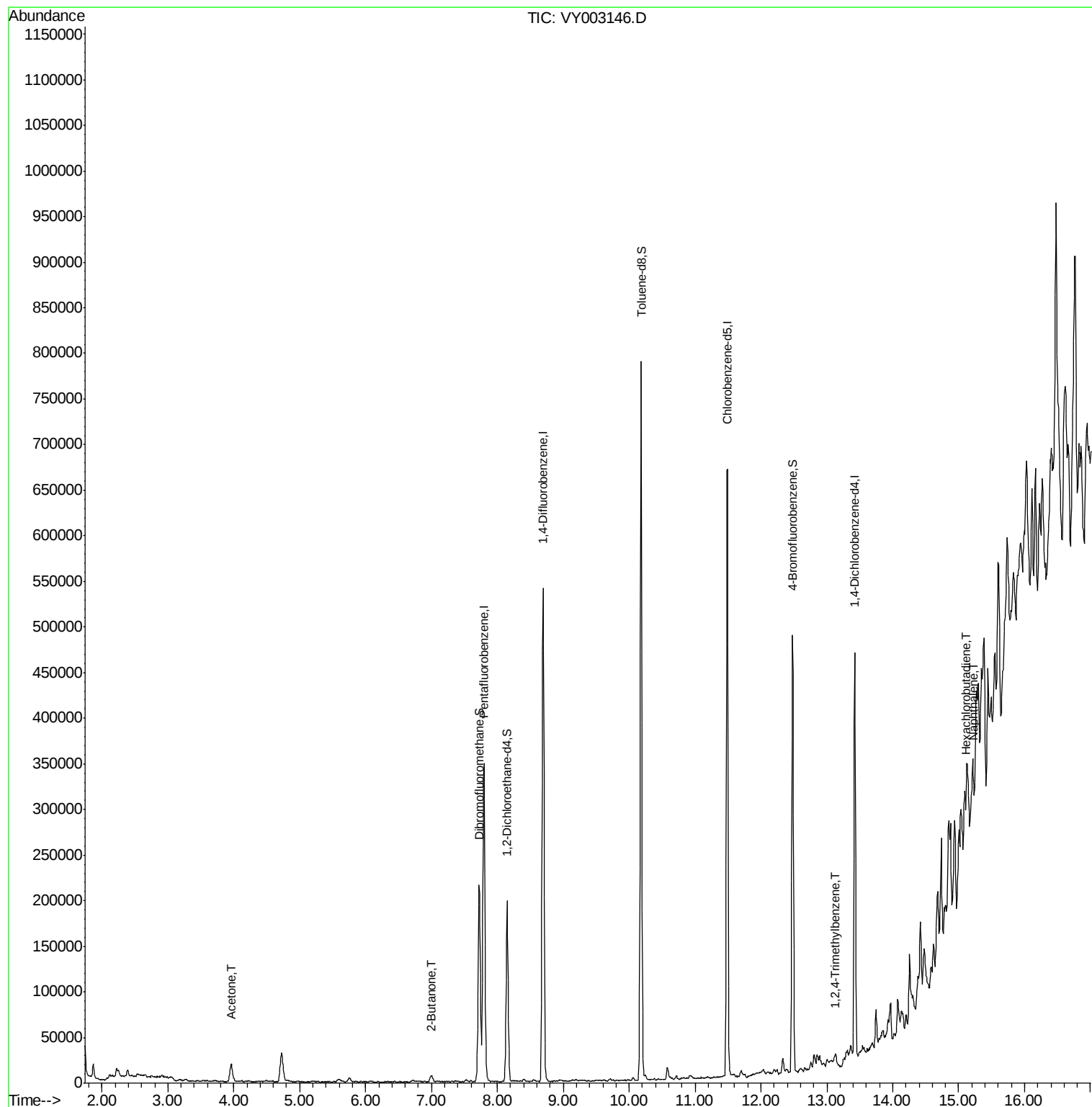
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	292183	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	463045	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	376182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	118022	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	153105	52.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.52%	
35) Dibromofluoromethane	7.72	113	153003	52.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.94%	
50) Toluene-d8	10.18	98	519395	48.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.54%	
62) 4-Bromofluorobenzene	12.48	95	138058	36.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.90%	
Target Compounds						
16) Acetone	3.96	43	34613	50.573	ug/l	98
25) 2-Butanone	7.00	43	11751	10.808	ug/l	100
84) 1,2,4-Trimethylbenzene	13.14	105	7097	1.087	ug/l	68
94) Hexachlorobutadiene	15.11	225	1834	1.180	ug/l	96
95) Naphthalene	15.23	128	11813	2.624	ug/l #	83

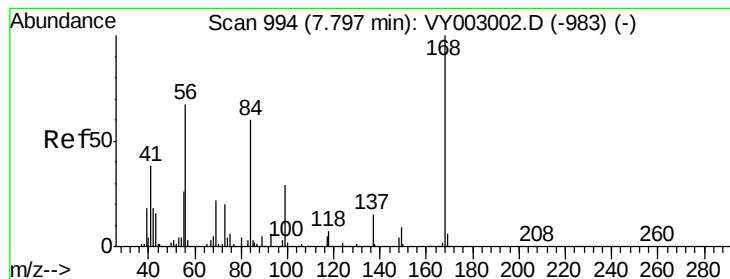
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003146.D

Acq: 09 Jul 2020 16:09

Instrument :

MSVOA_Y

ClientSampleId :

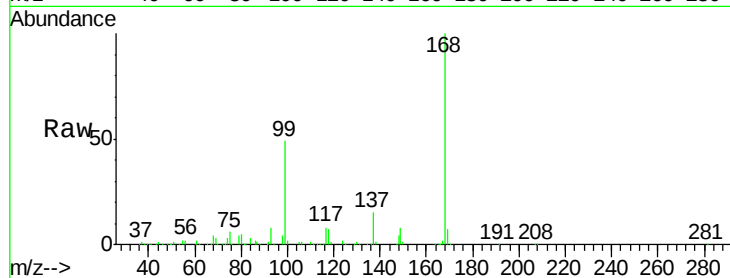
CHRT-58

Tot Ion:168 Resp: 292183

Ion Ratio Lower Upper

168 100

99 48.7 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003146.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003146.D (-945) (-)

7.80

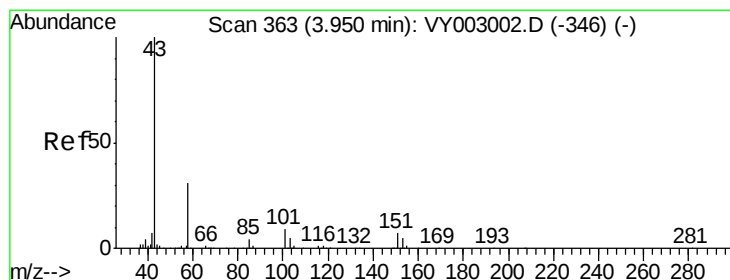
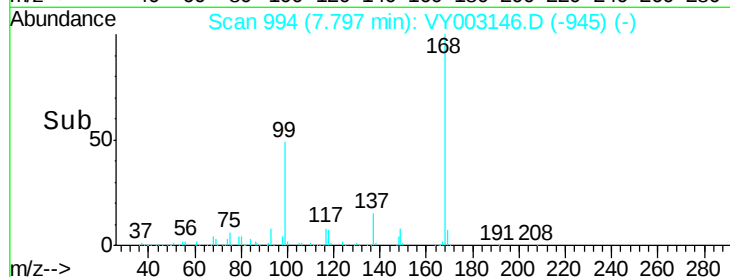
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 50.573 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY003146.D

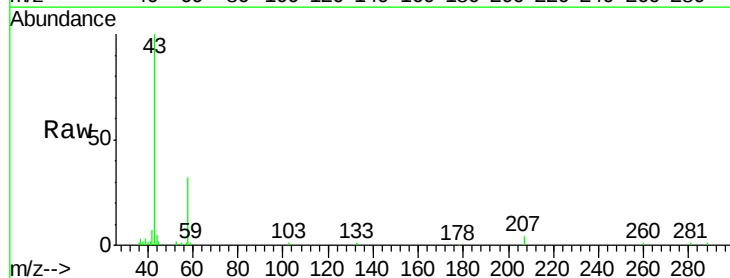
Acq: 09 Jul 2020 16:09

Tgt Ion: 43 Resp: 34613

Ion Ratio Lower Upper

43 100

58 32.1 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VY003146.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003146.D (-314) (-)

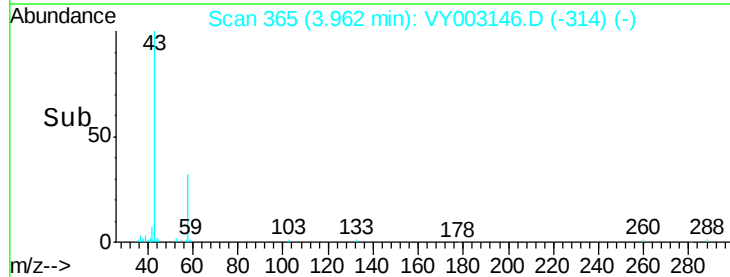
3.96

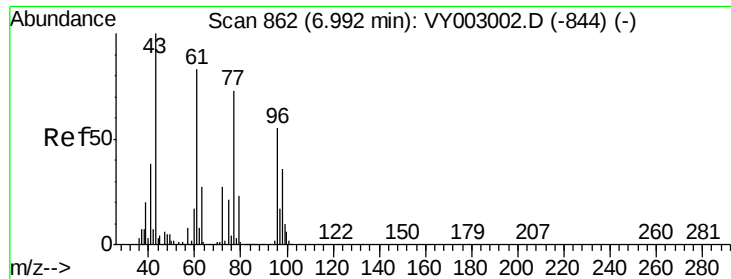
10000

5000

0

Time-->





#25

2-Butanone

Concen: 10.808 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY003146.D

Acq: 09 Jul 2020 16:09

Instrument :

MSVOA_Y

ClientSampleId :

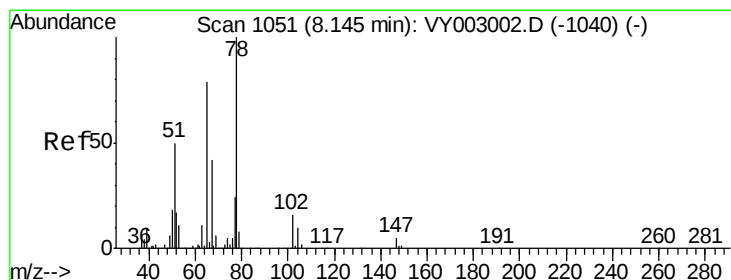
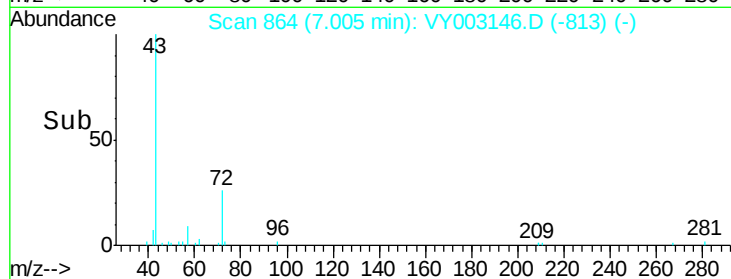
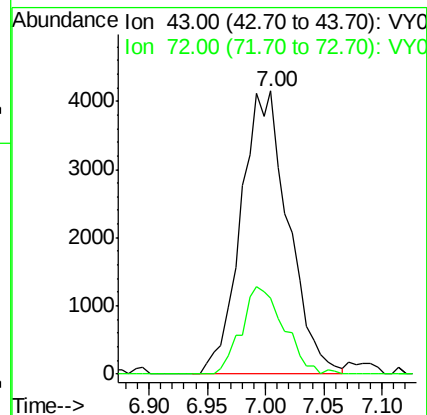
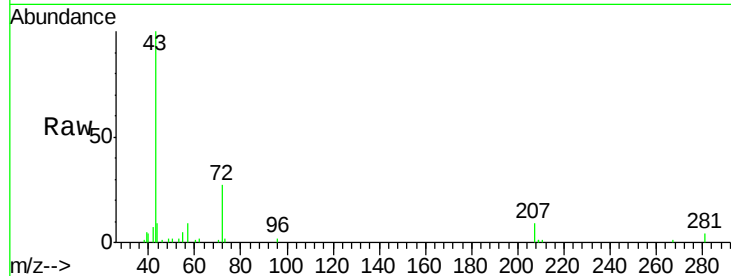
CHRT-58

Tot Ion: 43 Resp: 11751

Ion Ratio Lower Upper

43 100

72 26.8 21.4 32.0



#33

1,2-Dichloroethane-d4

Concen: 52.759 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003146.D

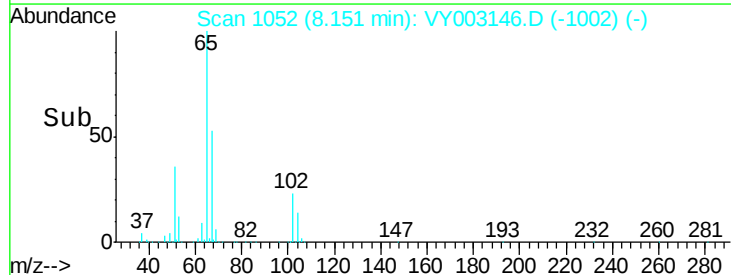
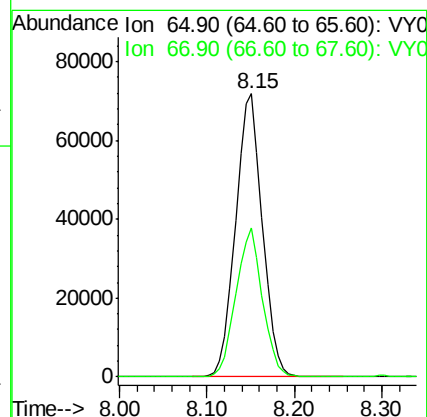
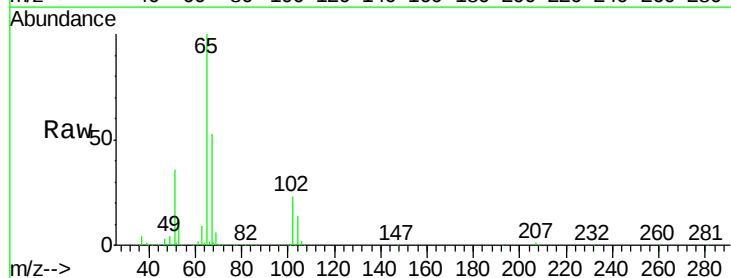
Acq: 09 Jul 2020 16:09

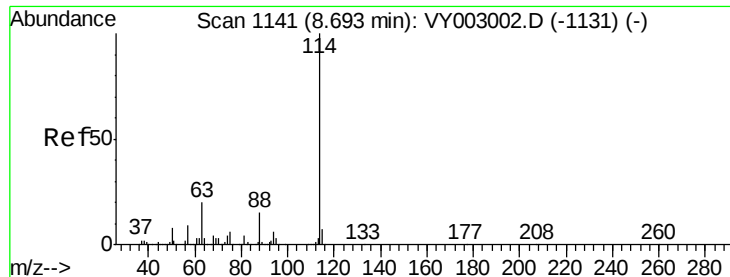
Tgt Ion: 65 Resp: 153105

Ion Ratio Lower Upper

65 100

67 52.0 0.0 105.6

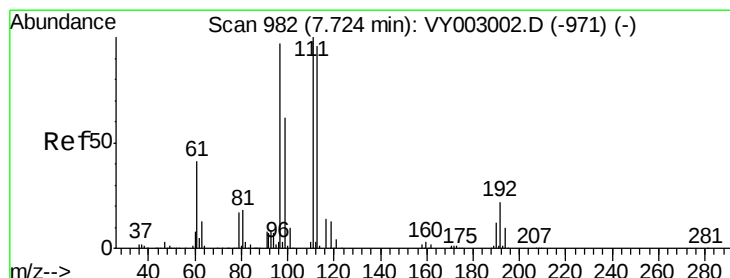
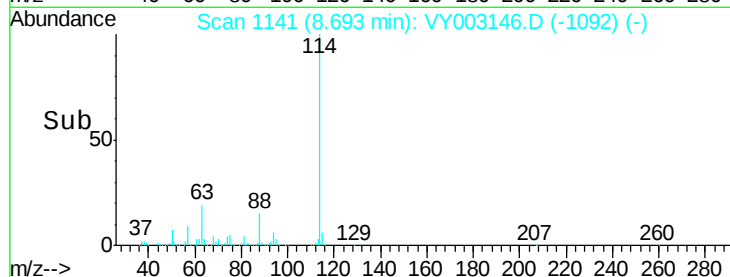
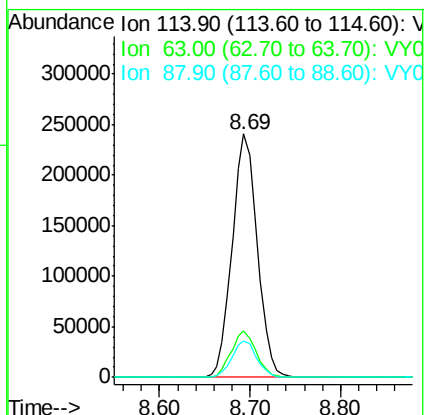
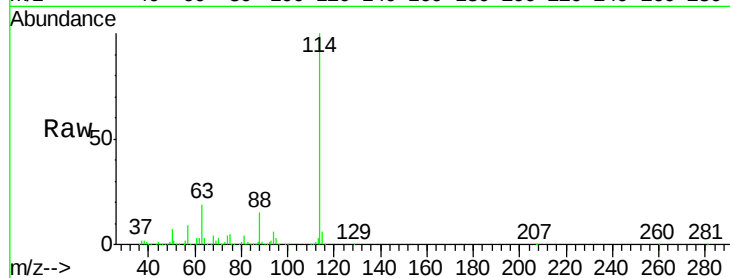




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY003146.D
Acq: 09 Jul 2020 16:09

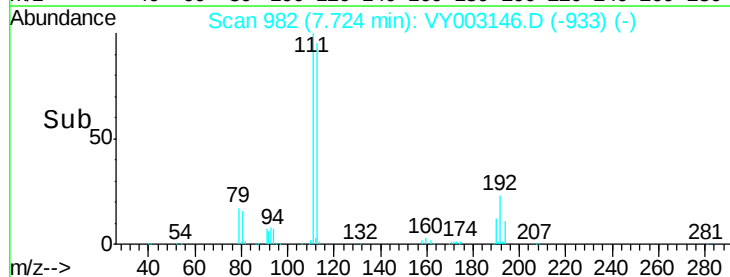
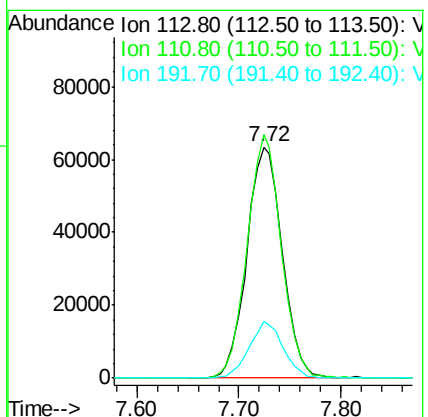
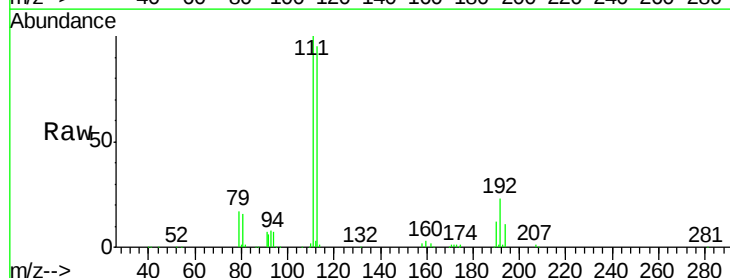
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-58

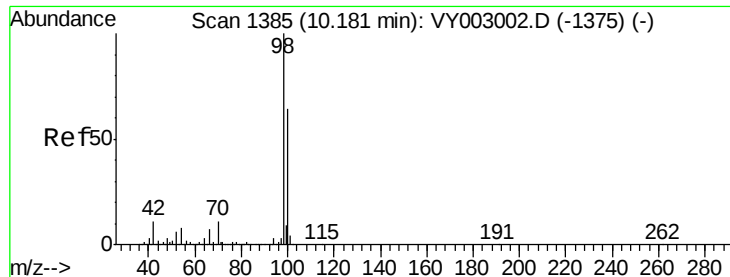
Tot Ion:114 Resp: 463045
Ion Ratio Lower Upper
114 100
63 19.2 0.0 40.6
88 14.8 0.0 30.0



#35
Dibromofluoromethane
Concen: 52.969 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY003146.D
Acq: 09 Jul 2020 16:09

Tgt Ion:113 Resp: 153003
Ion Ratio Lower Upper
113 100
111 102.0 82.6 123.8
192 23.4 18.1 27.1





#50

Toluene-d8

Concen: 48.266 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003146.D

Acq: 09 Jul 2020 16:09

Instrument :

MSVOA_Y

ClientSampleId :

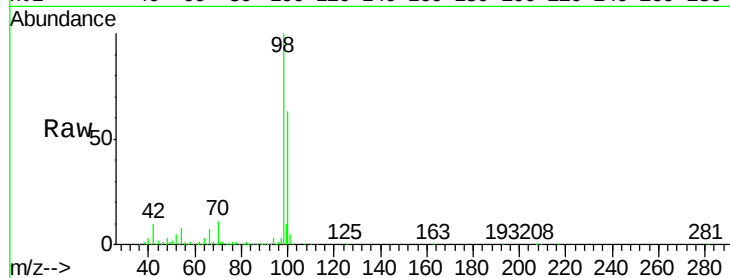
CHRT-58

Tot Ion: 98 Resp: 519395

Ion Ratio Lower Upper

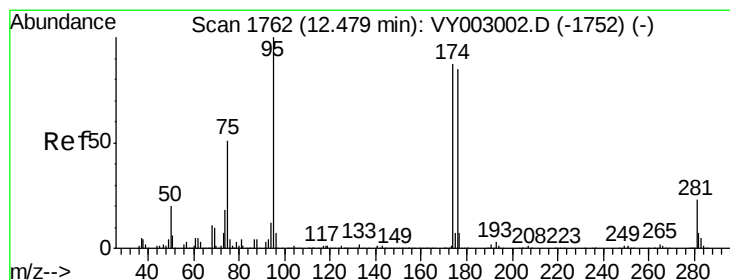
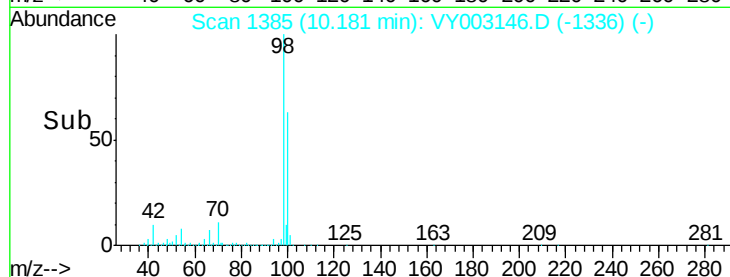
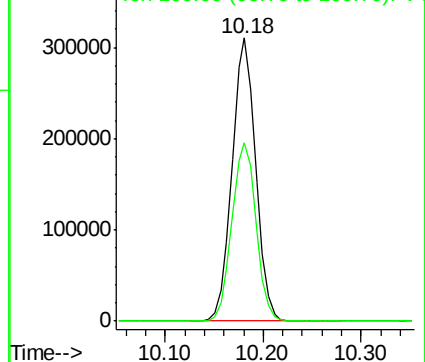
98 100

100 64.2 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 36.447 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003146.D

Acq: 09 Jul 2020 16:09

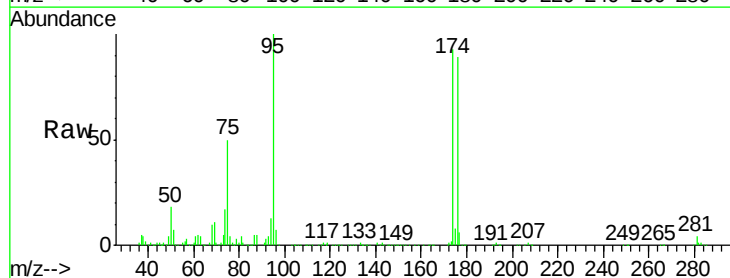
Tgt Ion: 95 Resp: 138058

Ion Ratio Lower Upper

95 100

174 95.1 0.0 184.8

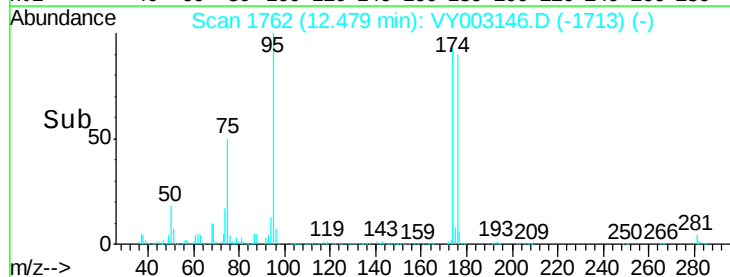
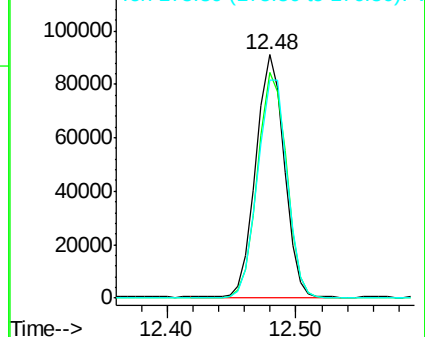
176 93.9 0.0 183.0

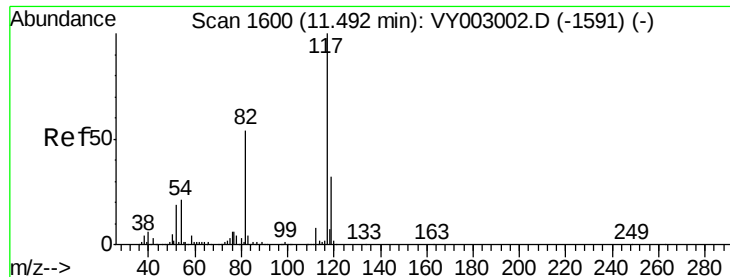


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

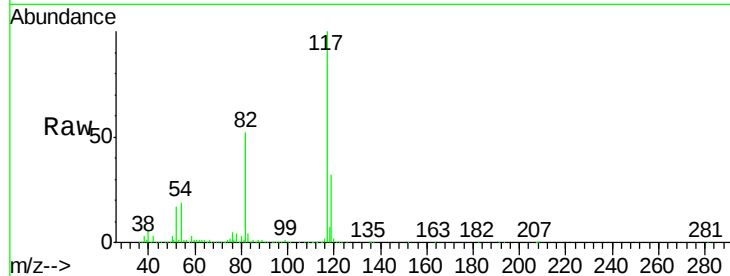




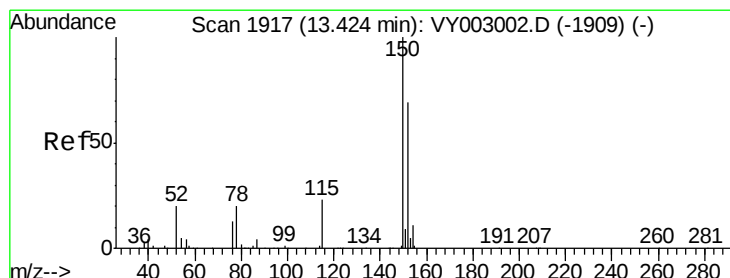
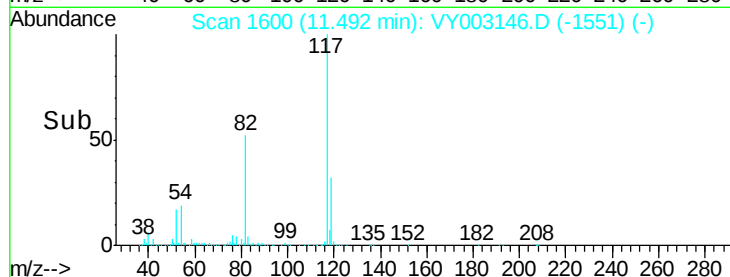
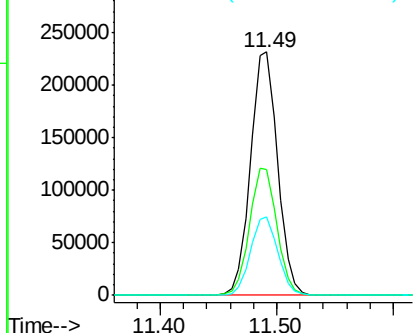
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003146.D
Acq: 09 Jul 2020 16:09

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-58

Tot Ion:117 Resp: 376182
Ion Ratio Lower Upper
117 100
82 51.7 43.0 64.6
119 32.4 25.8 38.8

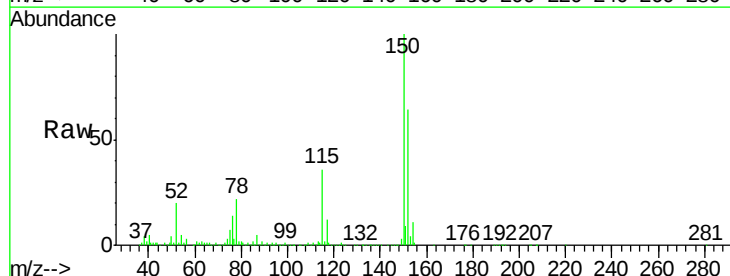


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

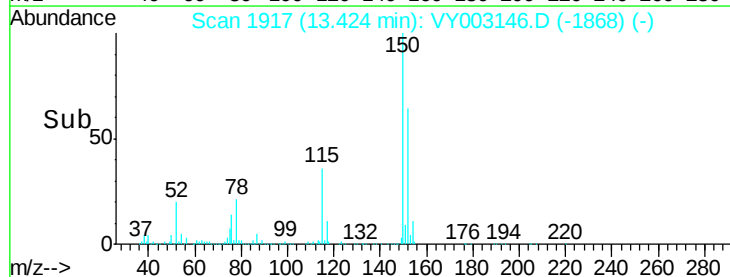
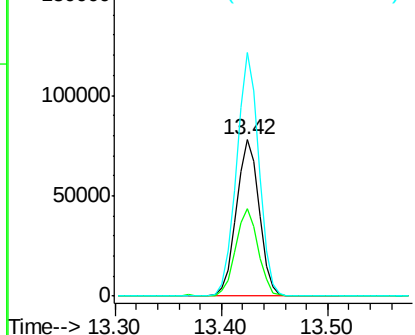


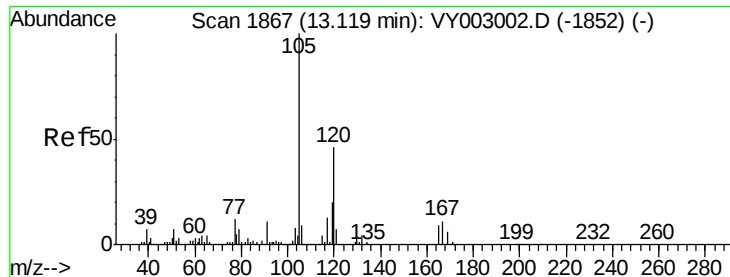
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003146.D
Acq: 09 Jul 2020 16:09

Tgt Ion:152 Resp: 118022
Ion Ratio Lower Upper
152 100
115 55.0 27.3 81.9
150 151.4 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





#84

1,2,4-Trimethylbenzene

Concen: 1.087 ug/l

RT: 13.14 min Scan# 1870

Delta R.T. 0.02 min

Lab File: VY003146.D

Acq: 09 Jul 2020 16:09

Instrument :

MSVOA_Y

ClientSampled :

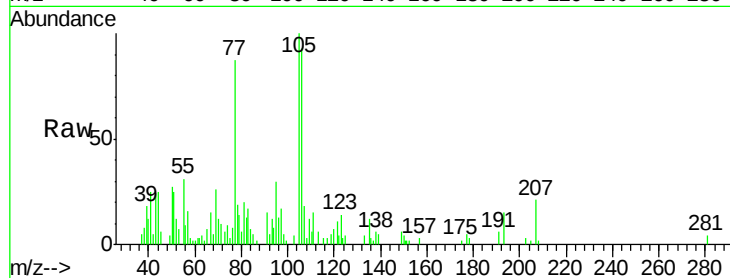
CHRT-58

Tot Ion:105 Resp: 7097

Ion Ratio Lower Upper

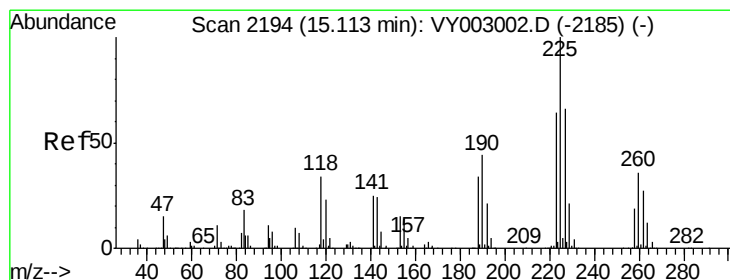
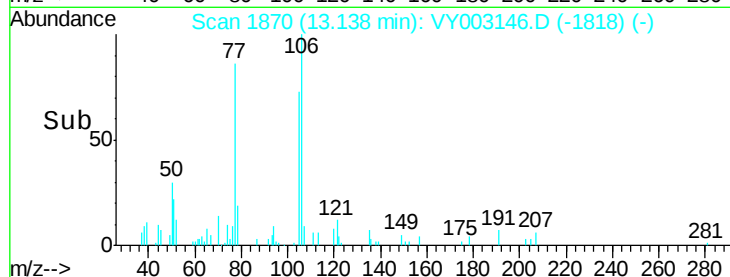
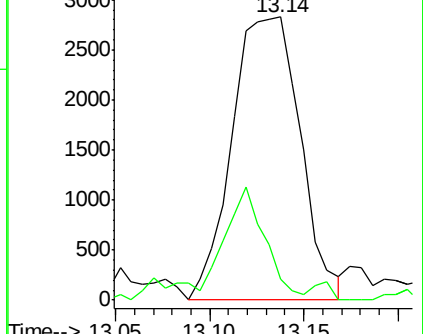
105 100

120 24.1 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#94

Hexachlorobutadiene

Concen: 1.180 ug/l

RT: 15.11 min Scan# 2193

Delta R.T. -0.01 min

Lab File: VY003146.D

Acq: 09 Jul 2020 16:09

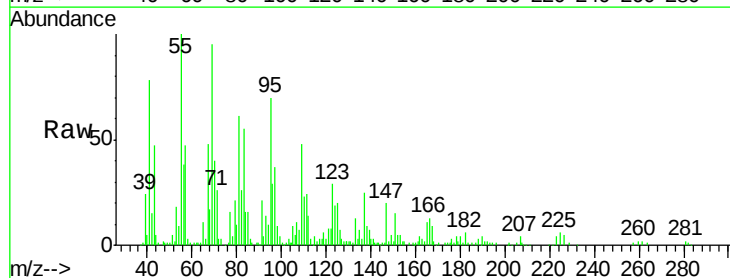
Tgt Ion:225 Resp: 1834

Ion Ratio Lower Upper

225 100

223 63.5 32.4 97.0

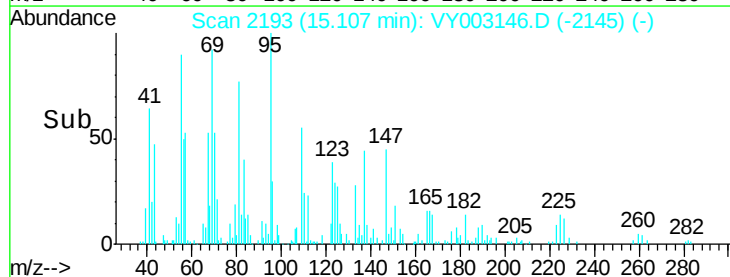
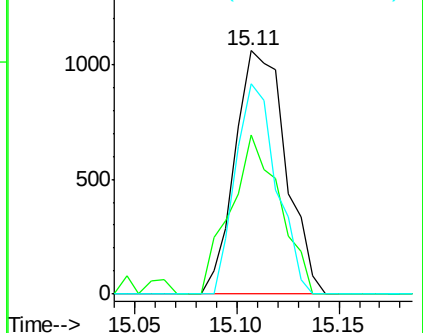
227 69.6 32.4 97.2

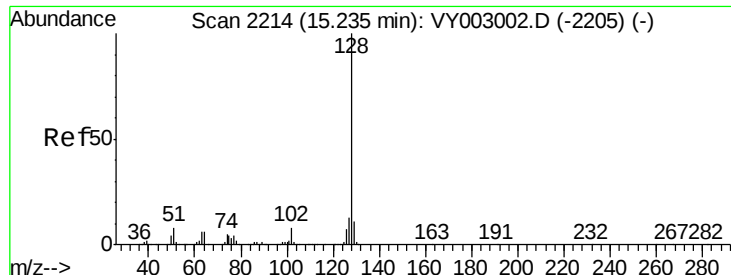


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

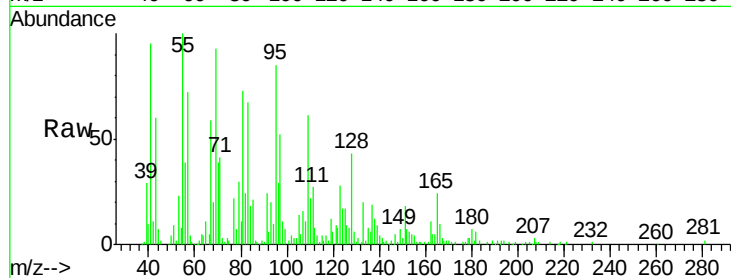




#95
Naphthalene
Concen: 2.624 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003146.D
Acq: 09 Jul 2020 16:09

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-58

Tot Ion	Ratio	Lower	Upper
128	100		
127	18.9	10.8	16.2#
129	19.0	8.8	13.2#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

