

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070920\
 Data File : VY003152.D
 Acq On : 09 Jul 2020 18:33
 Operator : SY/MD
 Sample : L3255-03
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-33

Quant Time: Jul 10 04:47:23 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	235660	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	352187	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	288588	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	118375	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	95942	40.99	ug/l	0.00
Spiked Amount			Recovery	=	81.98%	
35) Dibromofluoromethane	7.72	113	106635	48.54	ug/l	0.00
Spiked Amount			Recovery	=	97.08%	
50) Toluene-d8	10.18	98	407741	49.82	ug/l	0.00
Spiked Amount			Recovery	=	99.64%	
62) 4-Bromofluorobenzene	12.48	95	114255	39.66	ug/l	0.00
Spiked Amount			Recovery	=	79.32%	

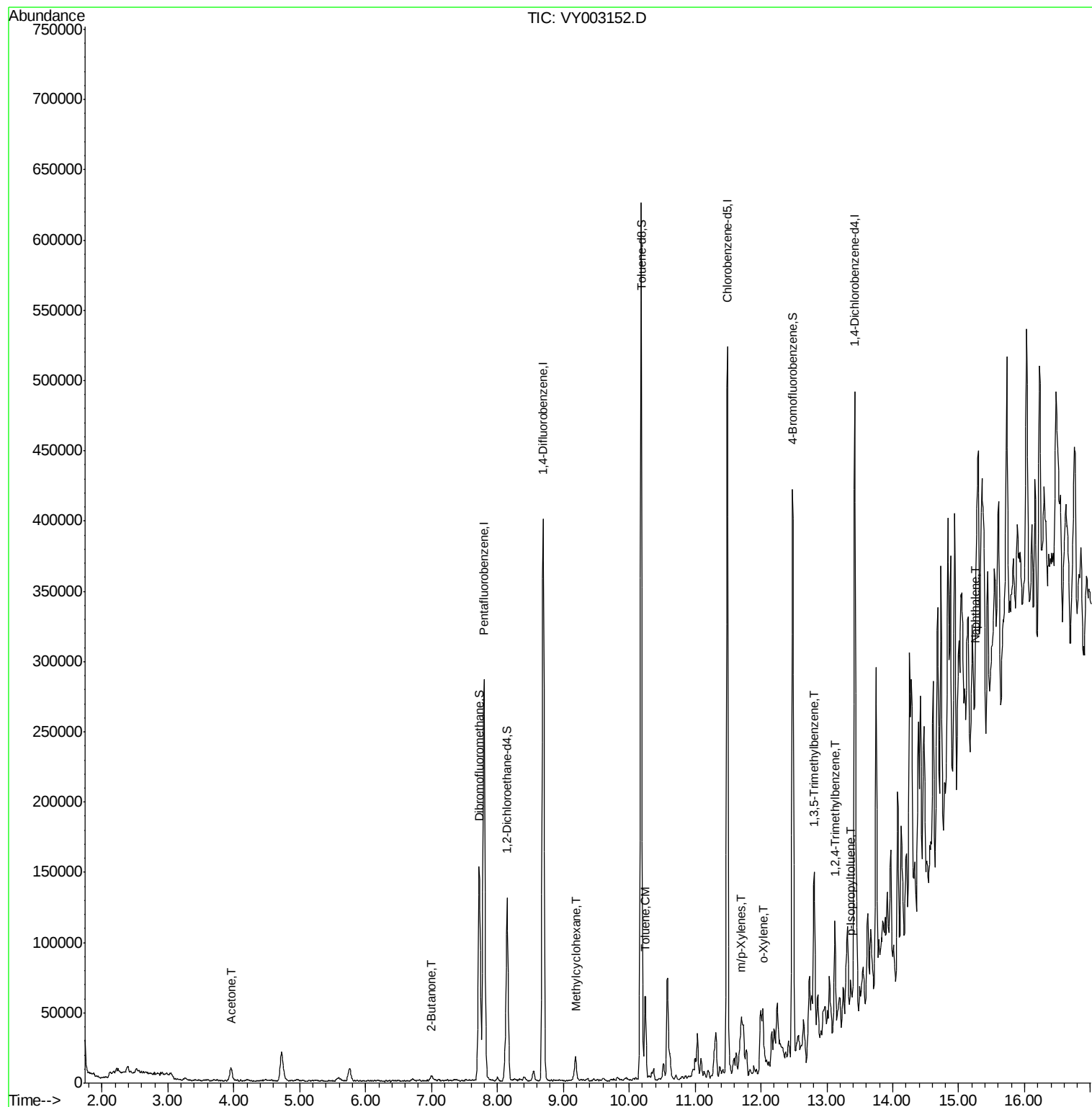
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.96	43	16353	29.624	ug/l	93
25) 2-Butanone	6.99	43	6031	6.878	ug/l	97
39) Methylcyclohexane	9.18	83	7128	1.695	ug/l	97
52) Toluene	10.25	92	25395	4.344	ug/l	97
68) m/p-Xylenes	11.70	106	8227	2.123	ug/l	97
69) o-Xylene	12.03	106	7976	2.185	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	18690	2.875	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	42483	6.485	ug/l	96
86) p-Isopropyltoluene	13.37	119	7513	1.030	ug/l	94
95) Naphthalene	15.24	128	12413	2.749	ug/l #	86

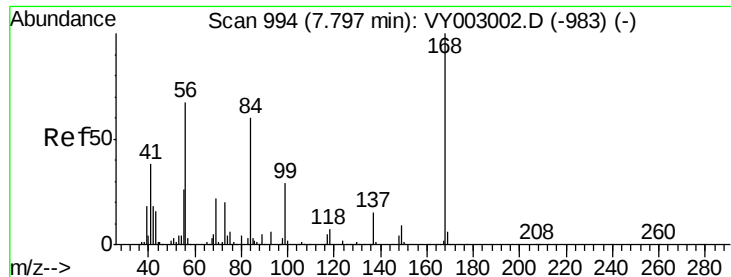
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070920\
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Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-33

Quant Time: Jul 10 04:47:23 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: VY003152.D

Acq: 09 Jul 2020 18:33

Instrument :

MSVOA_Y

ClientSampleId :

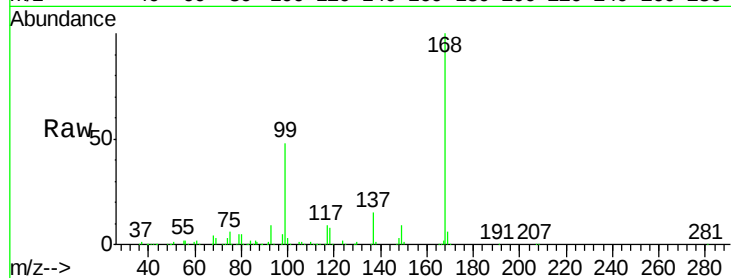
CHRT-33

Tot Ion:168 Resp: 235660

Ion Ratio Lower Upper

168 100

99 48.0 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003152.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003152.D (-945) (-)

7.80

100000

80000

60000

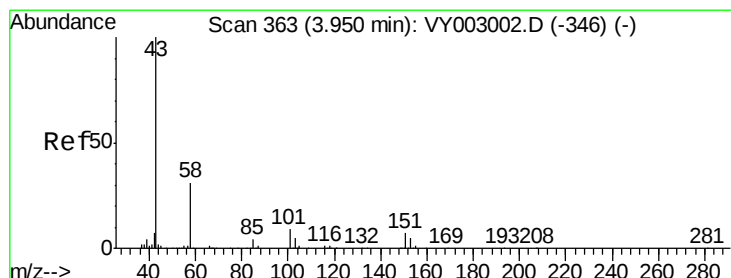
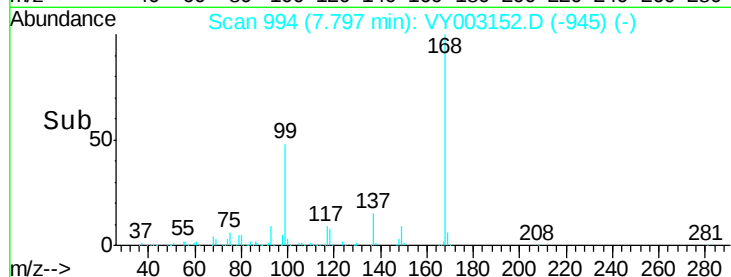
40000

20000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 29.624 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003152.D

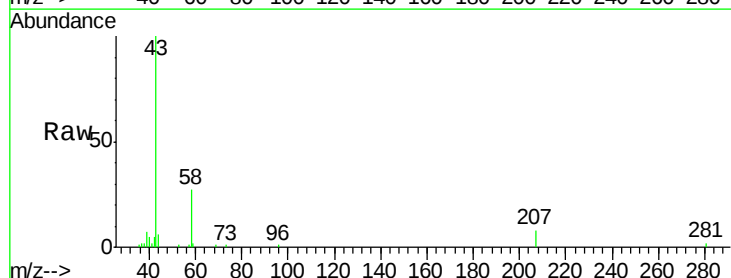
Acq: 09 Jul 2020 18:33

Tgt Ion: 43 Resp: 16353

Ion Ratio Lower Upper

43 100

58 26.9 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VY003152.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003152.D (-314) (-)

3.96

6000

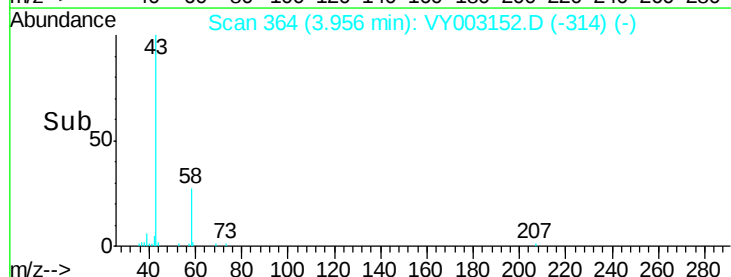
4000

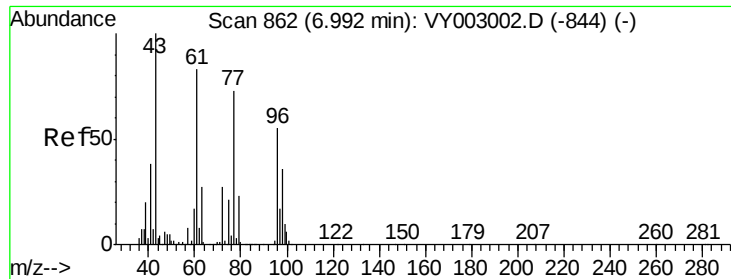
2000

0

3.90 4.00 4.10

Time-->





#25

2-Butanone

Concen: 6.878 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003152.D

Acq: 09 Jul 2020 18:33

Instrument :

MSVOA_Y

ClientSampleId :

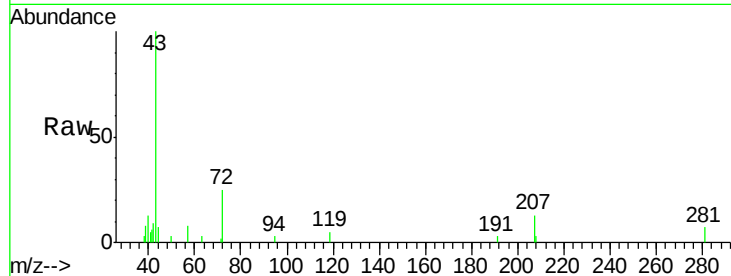
CHRT-33

Tot Ion: 43 Resp: 6031

Ion Ratio Lower Upper

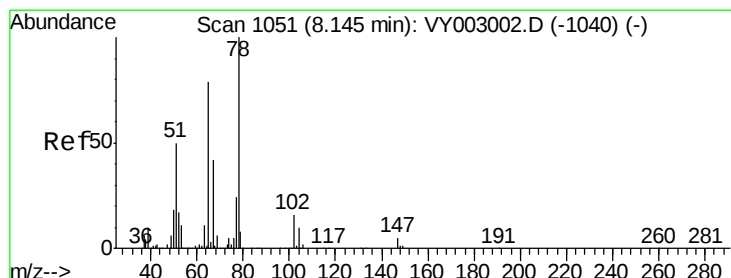
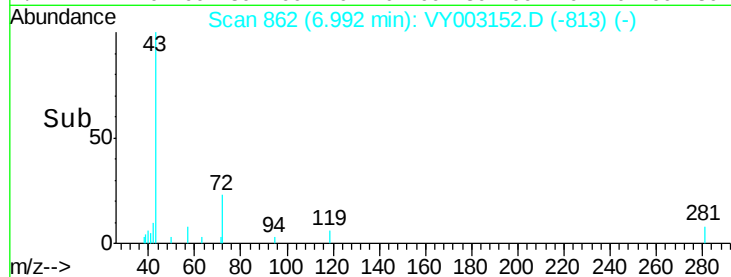
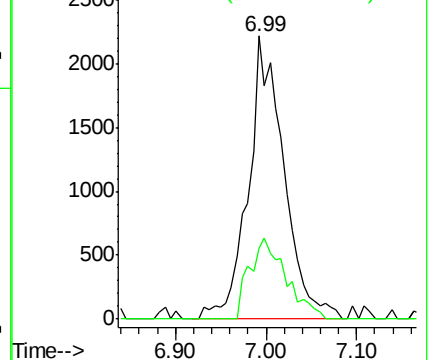
43 100

72 25.1 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 40.991 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003152.D

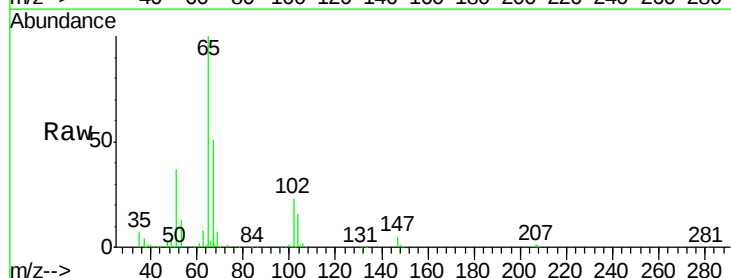
Acq: 09 Jul 2020 18:33

Tgt Ion: 65 Resp: 95942

Ion Ratio Lower Upper

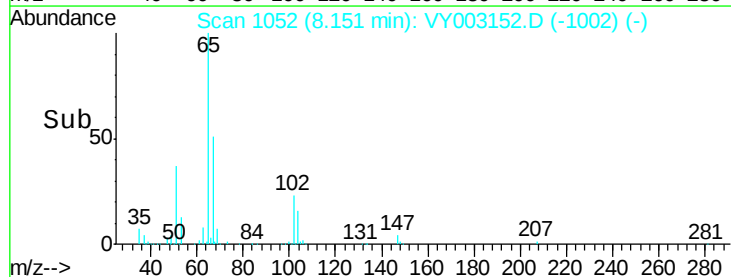
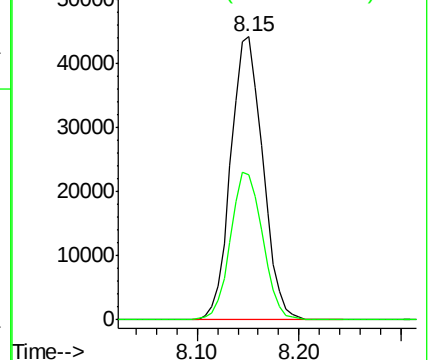
65 100

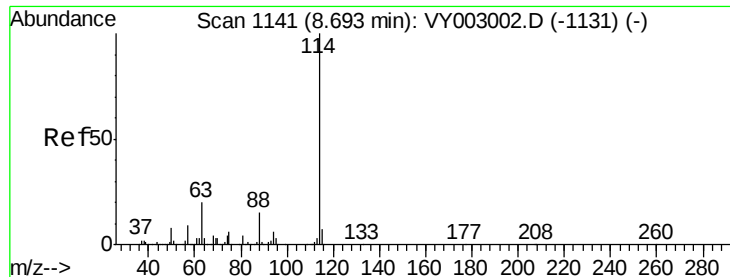
67 52.4 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

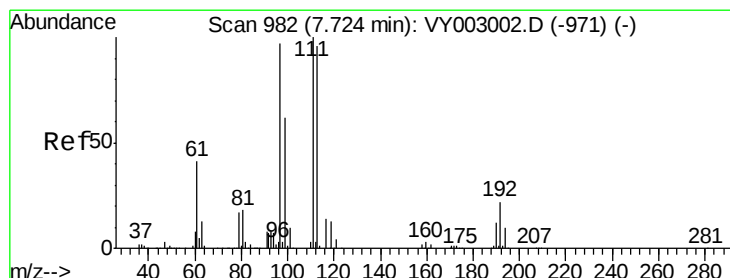
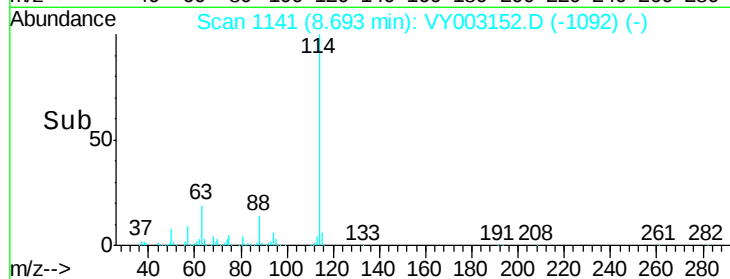
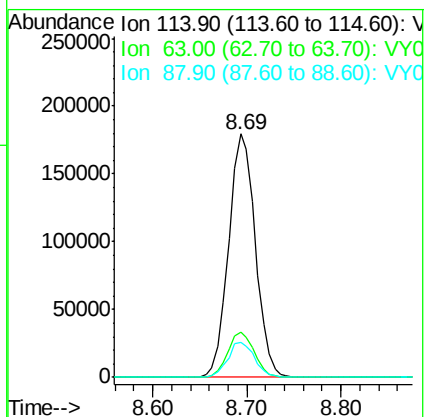
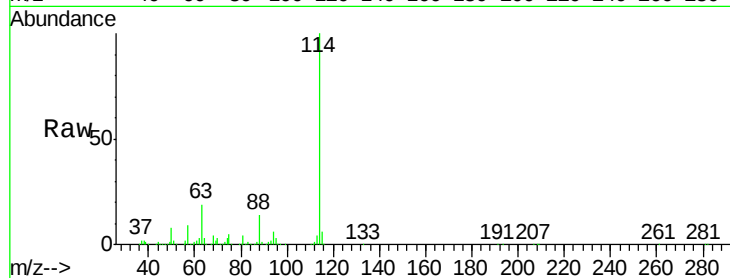




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. -0.00 min
Lab File: VY003152.D
Acq: 09 Jul 2020 18:33

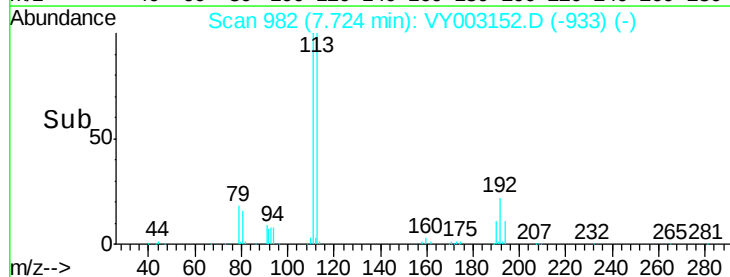
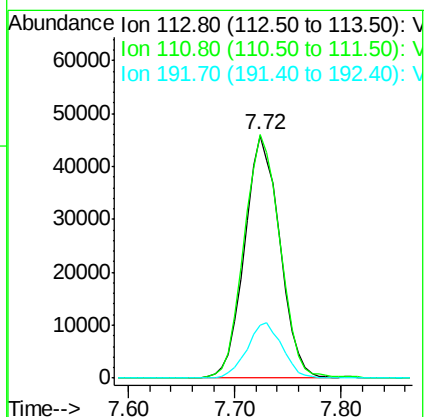
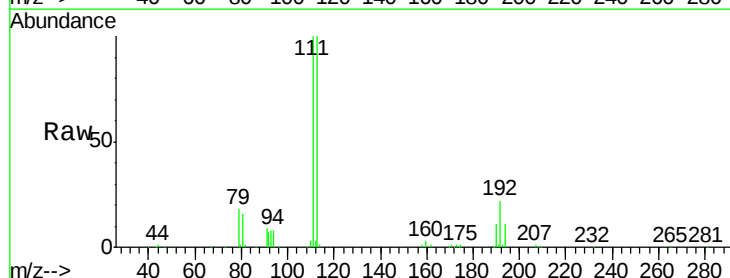
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-33

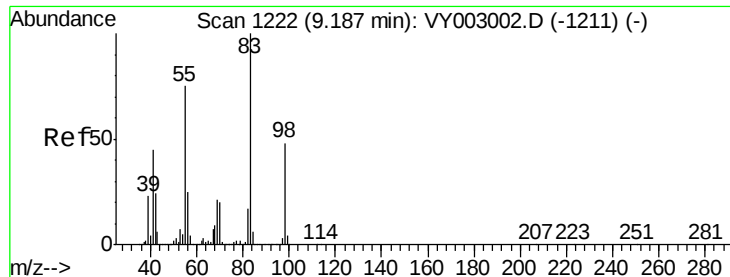
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	40.6
88	14.5	0.0	30.0



#35
Dibromofluoromethane
Concen: 48.537 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003152.D
Acq: 09 Jul 2020 18:33

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.6	123.8
192	22.8	18.1	27.1

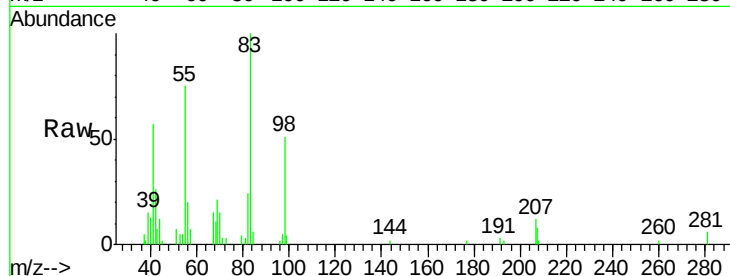




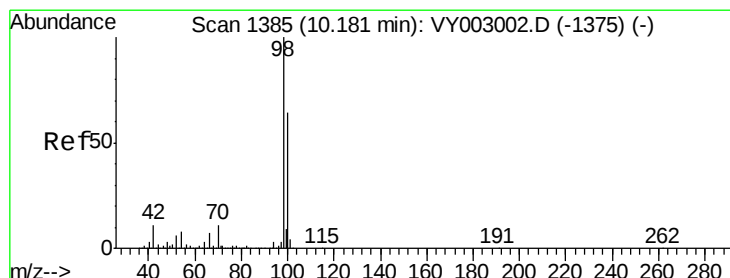
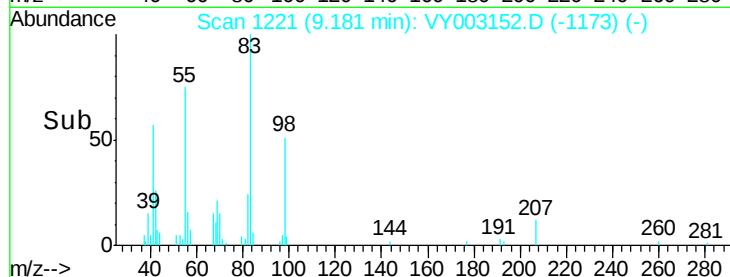
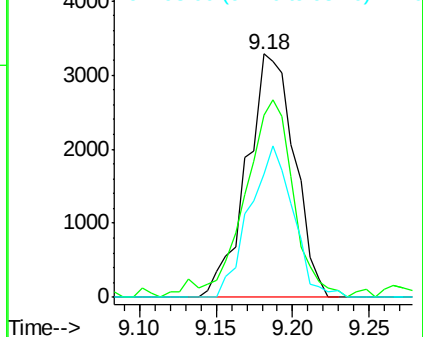
#39
Methvlcvclohexane
Concen: 1.695 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY003152.D
Acq: 09 Jul 2020 18:33

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-33

Tot Ion: 83 Resp: 7128
Ion Ratio Lower Upper
83 100
55 72.1 59.9 89.9
98 50.7 38.7 58.1

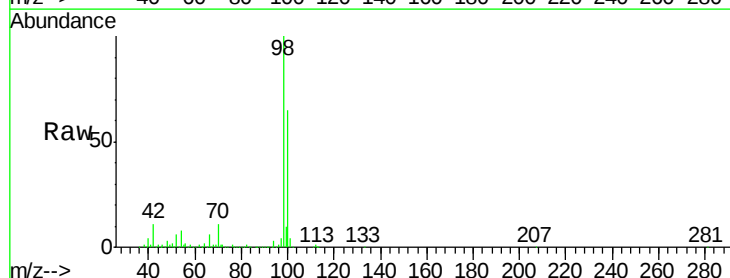


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

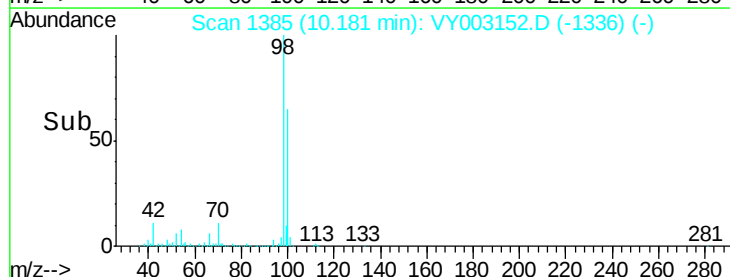
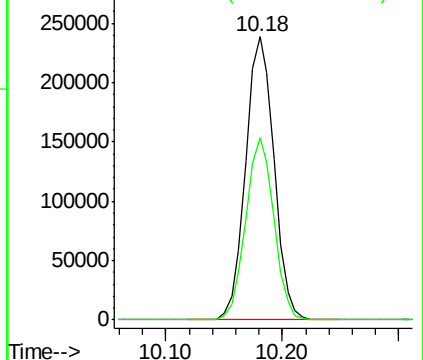


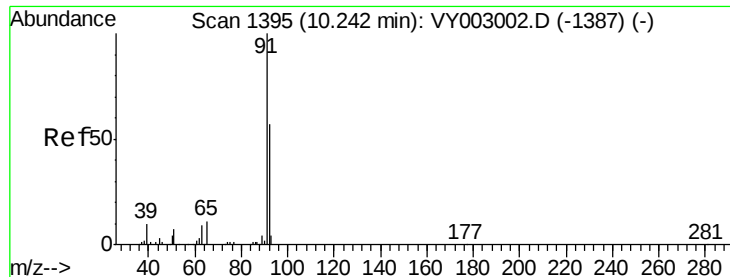
#50
Toluene-d8
Concen: 49.817 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003152.D
Acq: 09 Jul 2020 18:33

Tgt Ion: 98 Resp: 407741
Ion Ratio Lower Upper
98 100
100 63.7 51.1 76.7



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





#52

Toluene

Concen: 4.344 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.01 min

Lab File: VY003152.D

Acq: 09 Jul 2020 18:33

Instrument :

MSVOA_Y

ClientSampled :

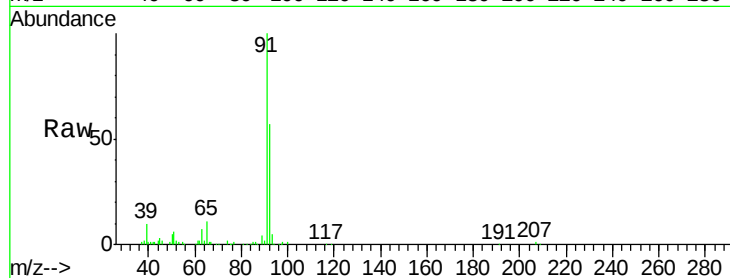
CHRT-33

Tot Ion: 92 Resp: 25395

Ion Ratio Lower Upper

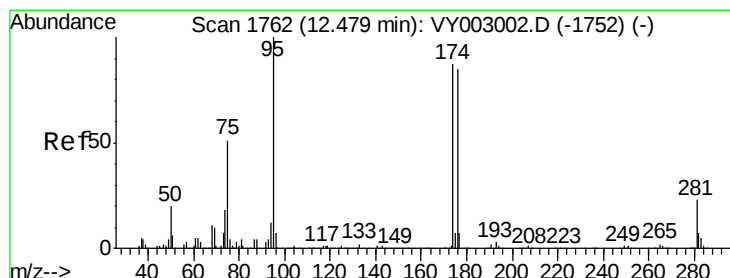
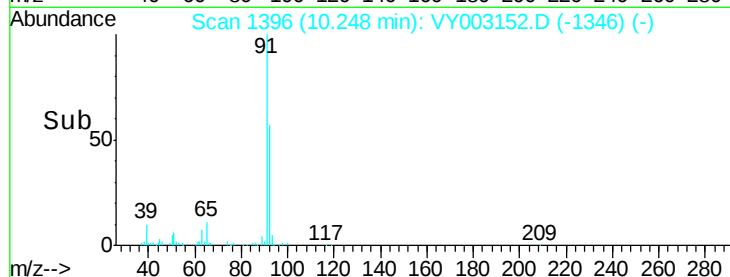
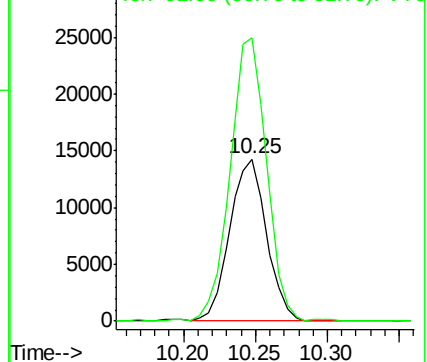
92 100

91 170.5 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0



#62

4-Bromofluorobenzene

Concen: 39.657 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003152.D

Acq: 09 Jul 2020 18:33

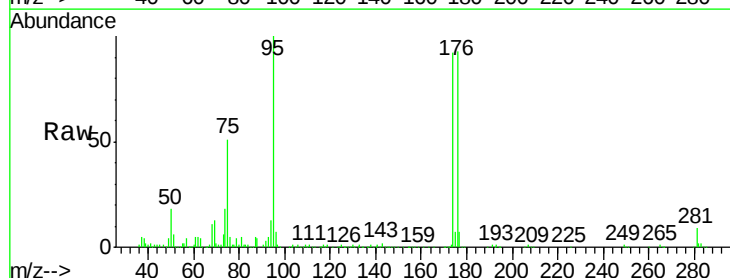
Tgt Ion: 95 Resp: 114255

Ion Ratio Lower Upper

95 100

174 96.6 0.0 184.8

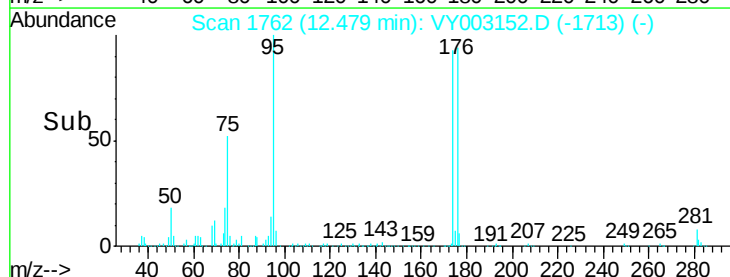
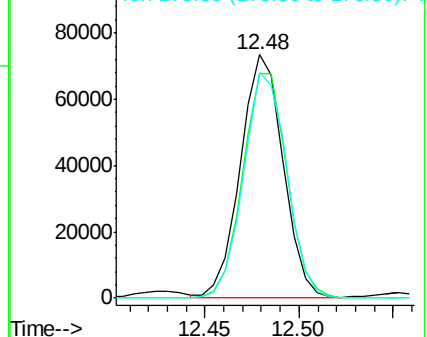
176 94.5 0.0 183.0

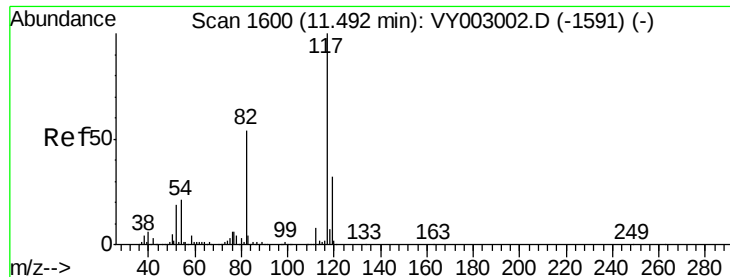


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

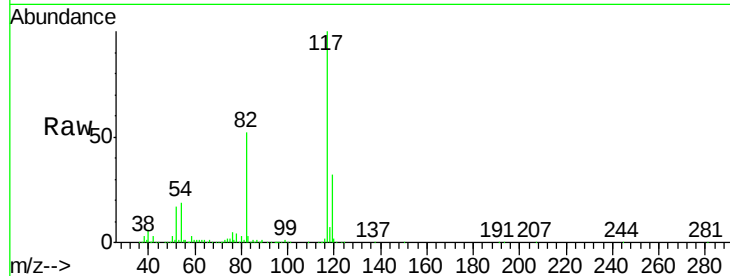




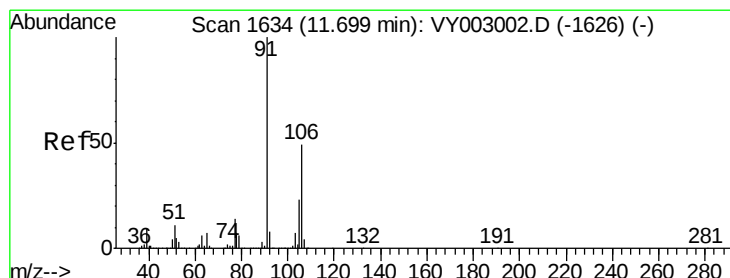
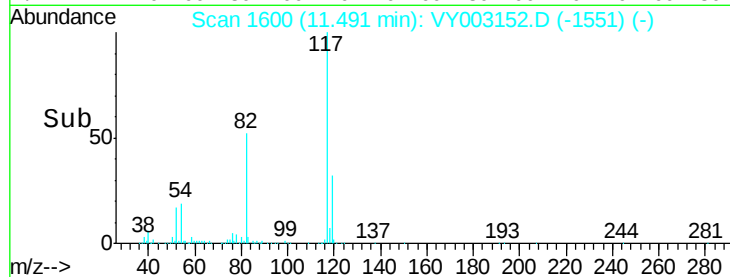
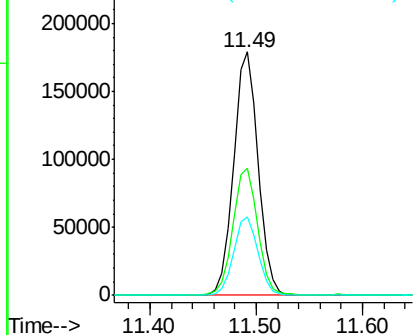
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003152.D
Acq: 09 Jul 2020 18:33

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-33

Tot Ion:117 Resp: 288588
Ion Ratio Lower Upper
117 100
82 52.1 43.0 64.6
119 32.2 25.8 38.8

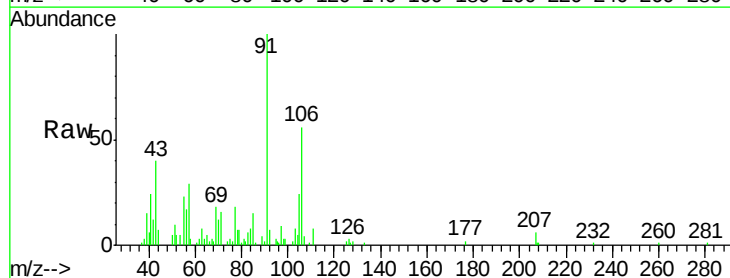


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

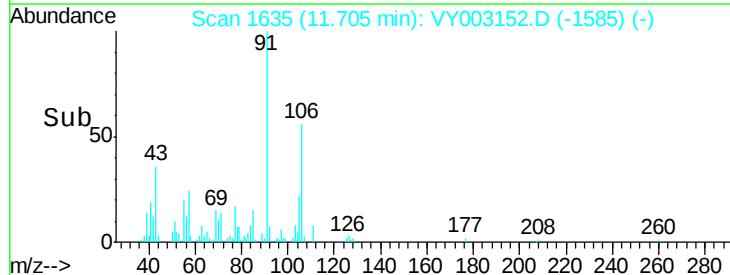
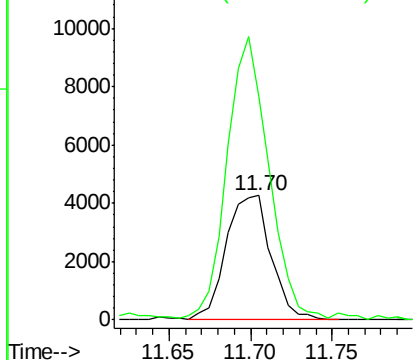


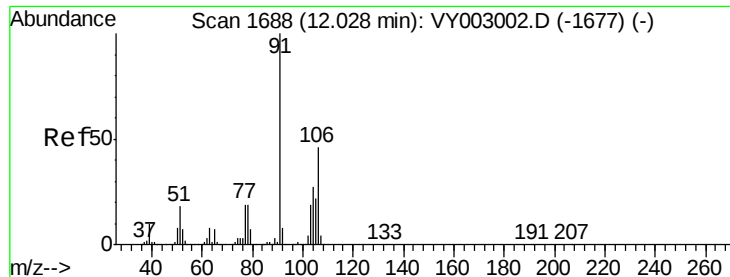
#68
m/p-Xylenes
Concen: 2.123 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VY003152.D
Acq: 09 Jul 2020 18:33

Tgt Ion:106 Resp: 8227
Ion Ratio Lower Upper
106 100
91 207.1 161.9 242.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

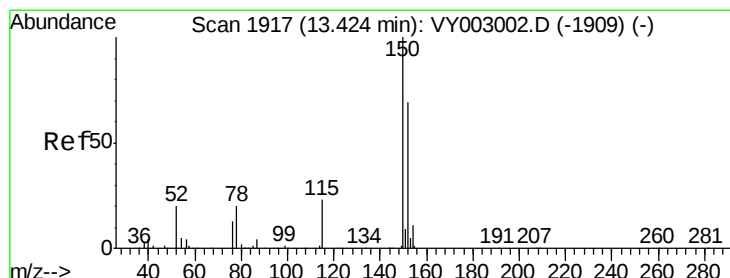
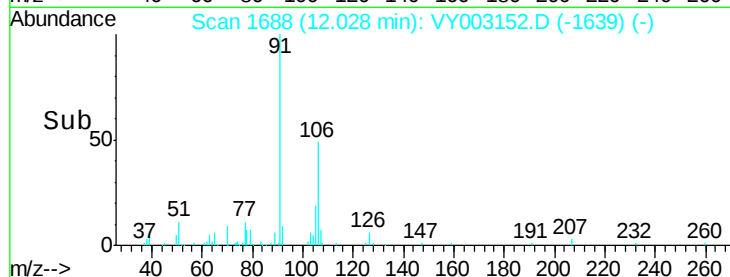
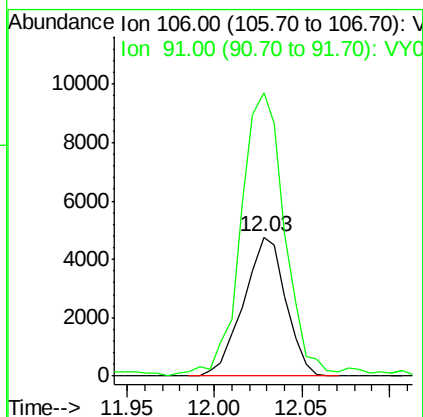
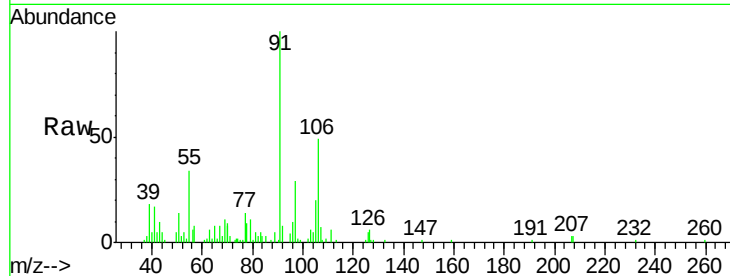




#69
o-Xylene
Concen: 2.185 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003152.D
Acq: 09 Jul 2020 18:33

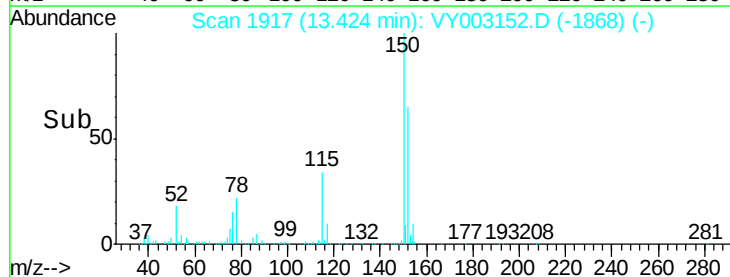
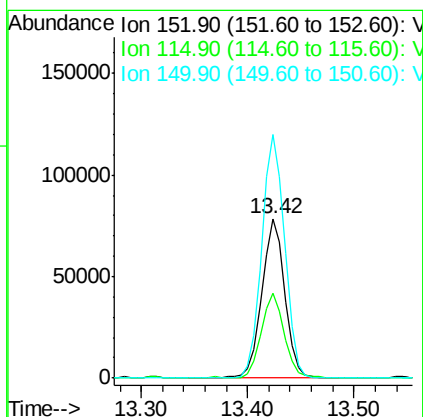
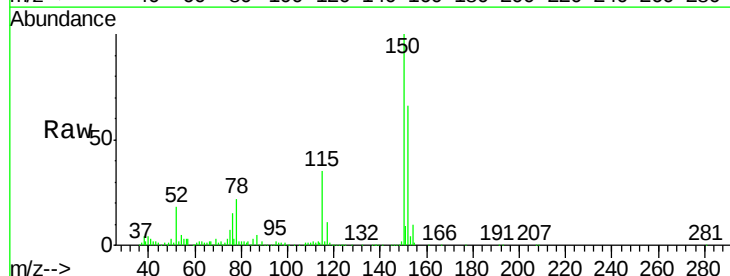
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-33

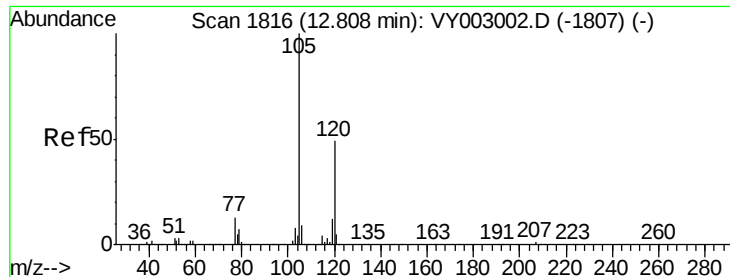
Tot Ion:106 Resp: 7976
Ion Ratio Lower Upper
106 100
91 211.4 107.9 323.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003152.D
Acq: 09 Jul 2020 18:33

Tgt Ion:152 Resp: 118375
Ion Ratio Lower Upper
152 100
115 53.2 27.3 81.9
150 152.6 0.0 343.4





#80

1,3,5-Trimethylbenzene

Concen: 2.875 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY003152.D

Acq: 09 Jul 2020 18:33

Instrument :

MSVOA_Y

ClientSampleId :

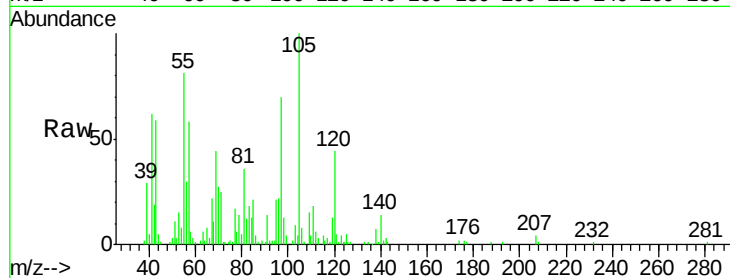
CHRT-33

Tot Ion:105 Resp: 18690

Ion Ratio Lower Upper

105 100

120 51.0 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.81

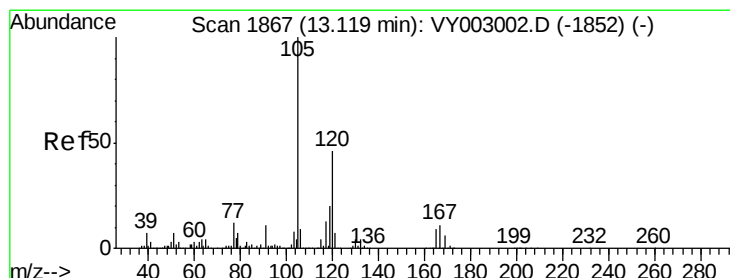
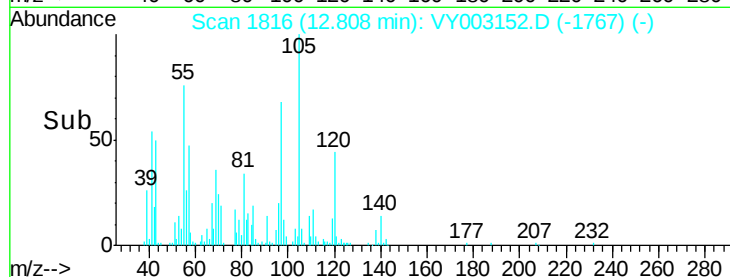
10000

5000

0

Time-->

12.80 12.85



#84

1,2,4-Trimethylbenzene

Concen: 6.485 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY003152.D

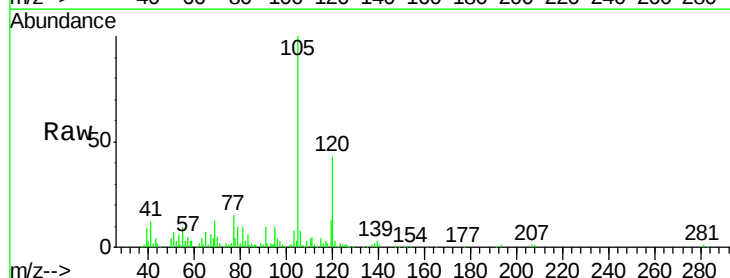
Acq: 09 Jul 2020 18:33

Tgt Ion:105 Resp: 42483

Ion Ratio Lower Upper

105 100

120 42.8 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

13.12

30000

25000

20000

15000

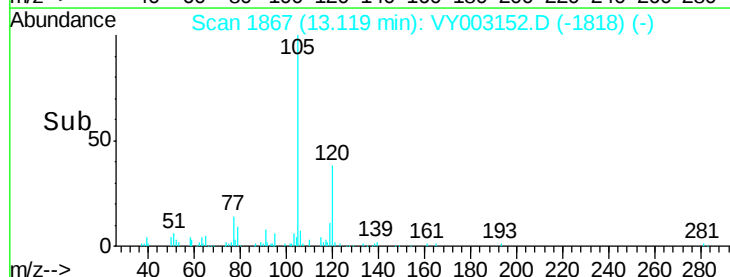
10000

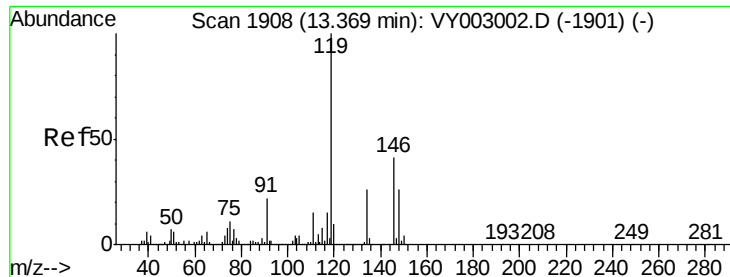
5000

0

Time-->

13.00 13.10 13.20

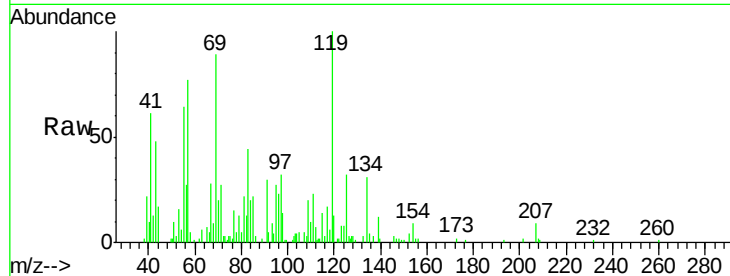




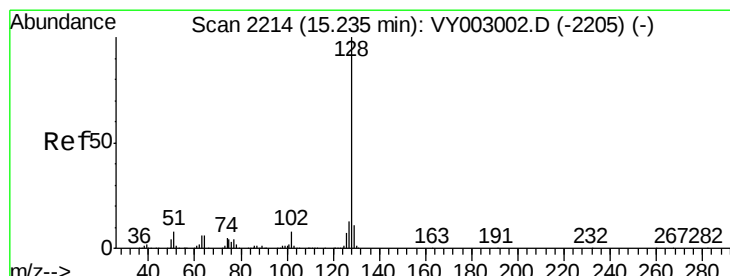
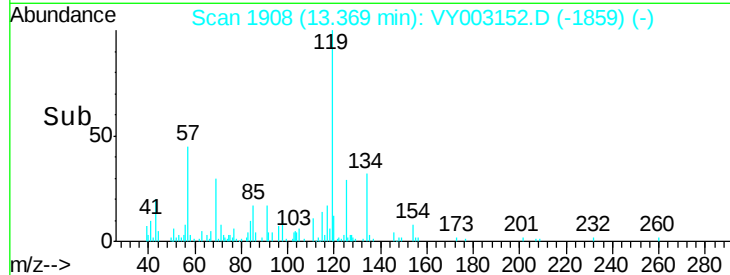
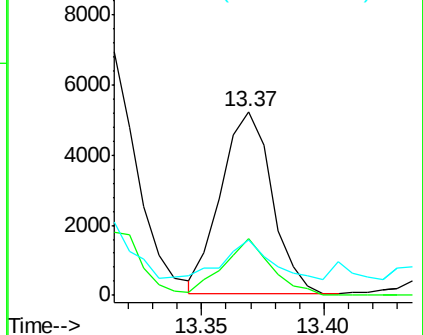
#86
p-Isopropyltoluene
Concen: 1.030 ug/l
RT: 13.37 min Scan# 1908
Delta R.T. -0.00 min
Lab File: VY003152.D
Acq: 09 Jul 2020 18:33

Instrument :
MSVOA_Y
ClientSampled :
CHRT-33

Tot Ion:119 Resp: 7513
Ion Ratio Lower Upper
119 100
134 29.5 13.5 40.4
91 19.4 11.5 34.5

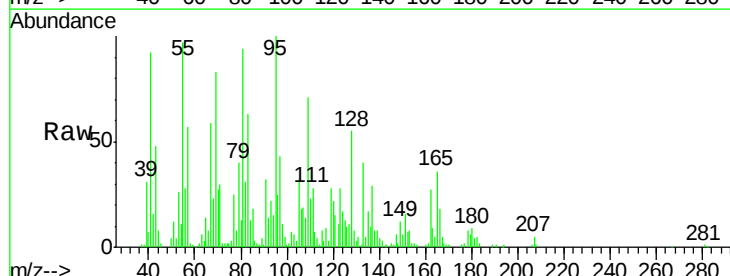


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V



#95
Naphthalene
Concen: 2.749 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.01 min
Lab File: VY003152.D
Acq: 09 Jul 2020 18:33

Tgt Ion:128 Resp: 12413
Ion Ratio Lower Upper
128 100
127 20.5 10.8 16.2#
129 7.5 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

