

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070720\
 Data File : VY003126.D
 Acq On : 07 Jul 2020 15:02
 Operator : SY/MD
 Sample : L3208-02
 Misc : 6.34G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-4743

Quant Time: Jul 08 04:08:34 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

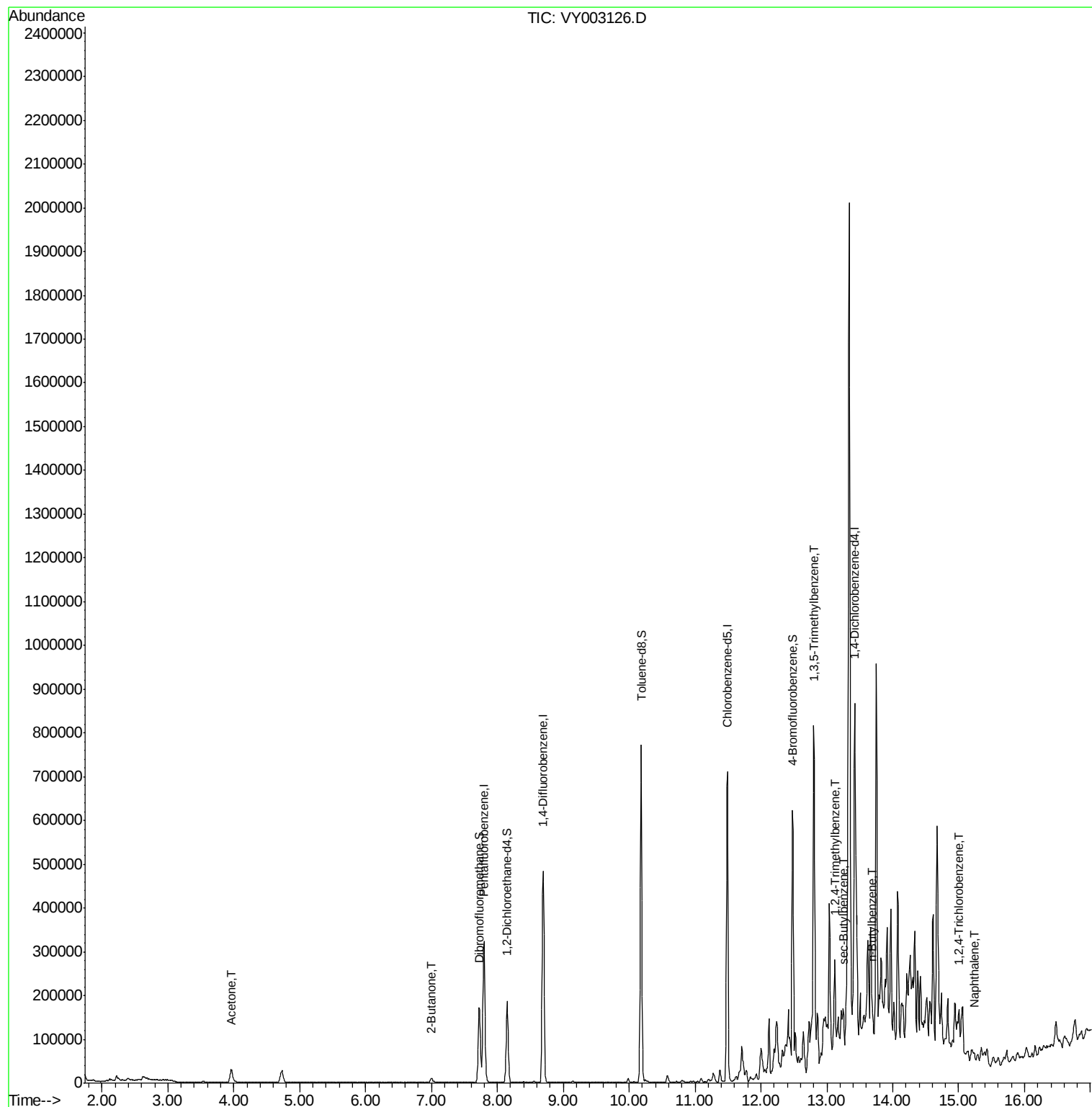
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	264923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	424588	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	395141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	174344	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	143603	54.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.16%	
35) Dibromofluoromethane	7.72	113	120533	45.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.02%	
50) Toluene-d8	10.18	98	509306	51.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.22%	
62) 4-Bromofluorobenzene	12.48	95	171164	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.56%	
Target Compounds						
					Qvalue	
16) Acetone	3.96	43	53249	85.807	ug/l	99
25) 2-Butanone	6.99	43	16587	16.826	ug/l #	79
80) 1,3,5-Trimethylbenzene	12.81	105	59525	6.217	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	102823	10.657	ug/l	100
85) sec-Butylbenzene	13.25	105	21532	1.858	ug/l	87
89) n-Butylbenzene	13.69	91	30179	2.937	ug/l #	76
93) 1,2,4-Trichlorobenzene	15.01	180	27107	7.444	ug/l #	84
95) Naphthalene	15.23	128	14041	2.111	ug/l #	86

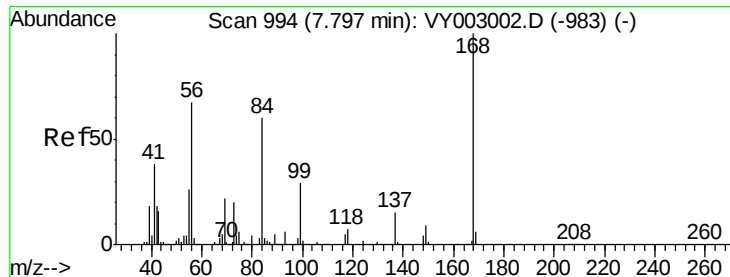
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070720\
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Acq On : 07 Jul 2020 15:02
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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: VY003126.D

Acq: 07 Jul 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

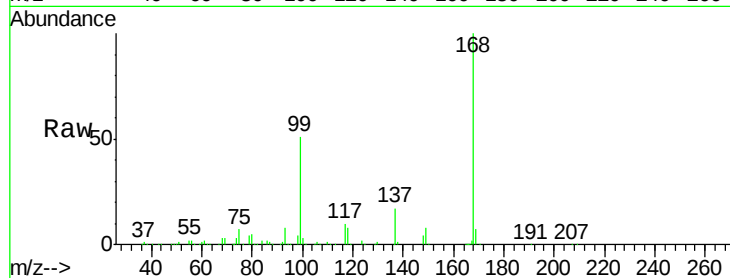
RT-4743

Tot Ion:168 Resp: 264923

Ion Ratio Lower Upper

168 100

99 50.5 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003126.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003126.D (-945) (-)

7.80

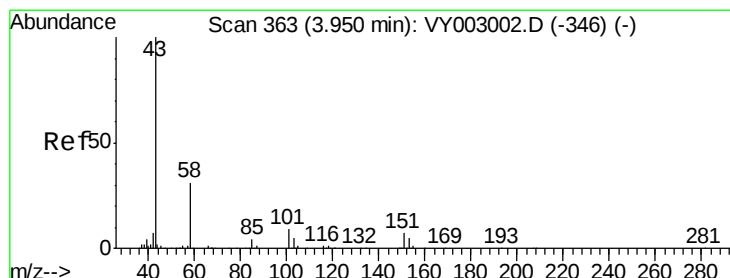
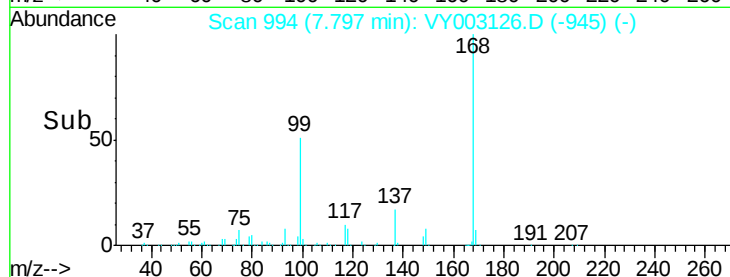
100000

50000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 85.807 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY003126.D

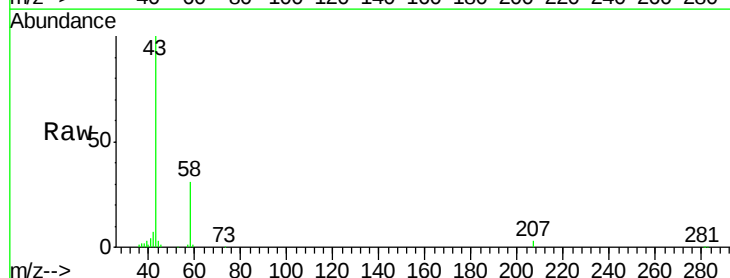
Acq: 07 Jul 2020 15:02

Tgt Ion: 43 Resp: 53249

Ion Ratio Lower Upper

43 100

58 31.4 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VY003126.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003126.D (-314) (-)

3.96

20000

15000

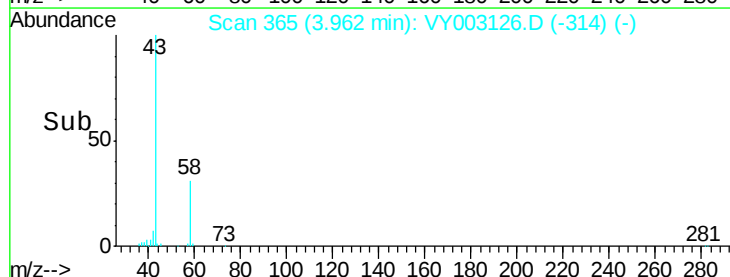
10000

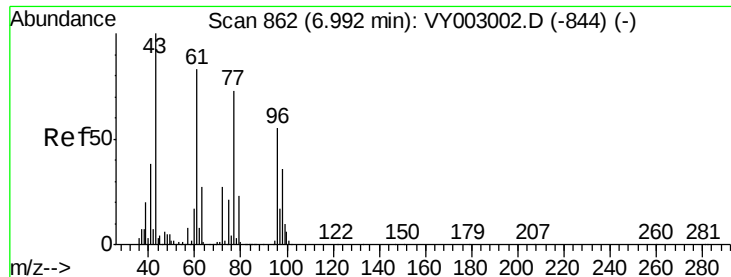
5000

0

3.90 4.00 4.10

Time-->





#25

2-Butanone

Concen: 16.826 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003126.D

Acq: 07 Jul 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

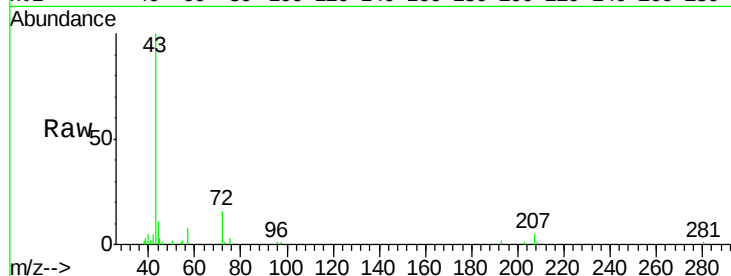
RT-4743

Tot Ion: 43 Resp: 16587

Ion Ratio Lower Upper

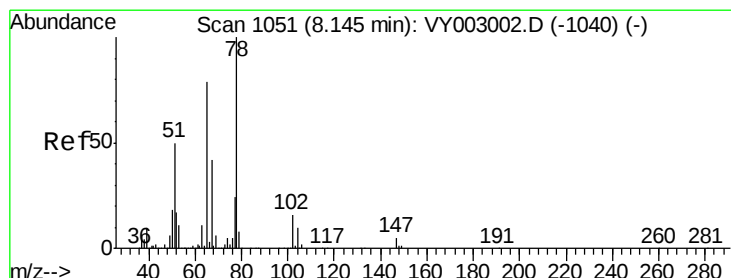
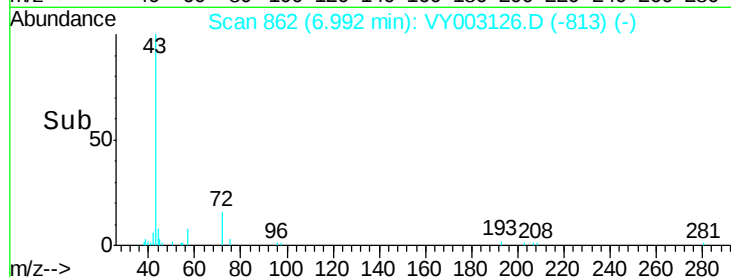
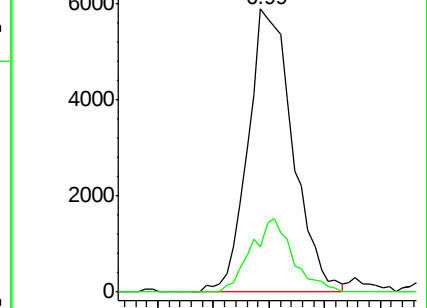
43 100

72 16.0 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: 54.577 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VY003126.D

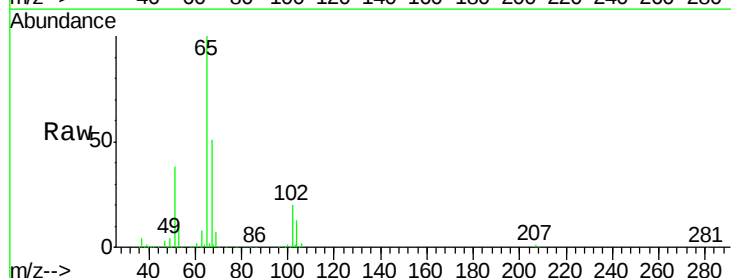
Acq: 07 Jul 2020 15:02

Tgt Ion: 65 Resp: 143603

Ion Ratio Lower Upper

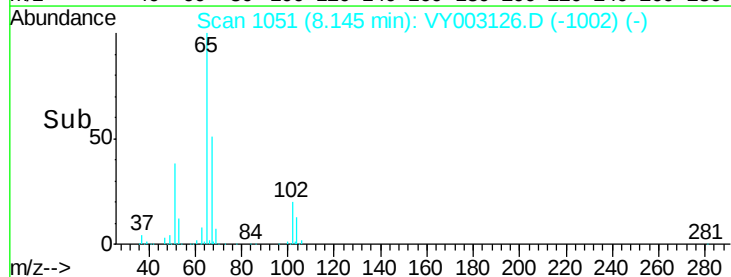
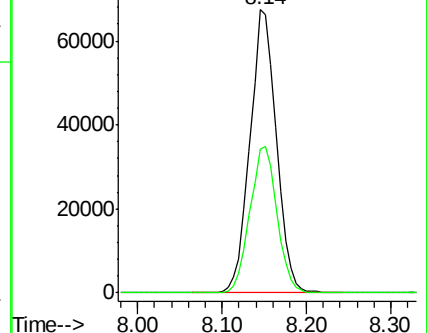
65 100

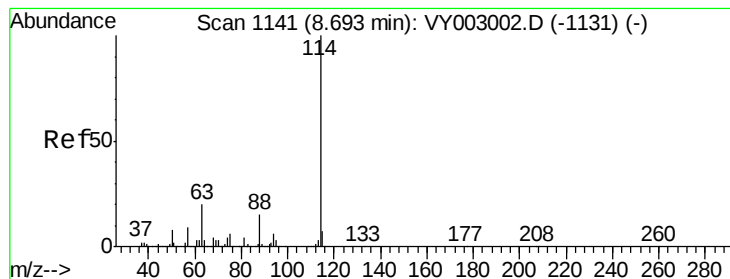
67 53.0 0.0 105.6



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: VY003126.D

Acq: 07 Jul 2020 15:02

Instrument :

MSVOA_Y

ClientSampled :

RT-4743

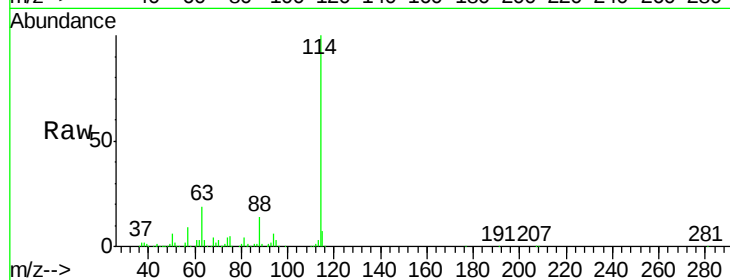
Tot Ion:114 Resp: 424588

Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.6

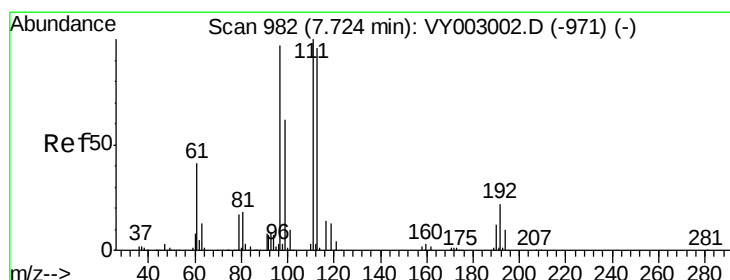
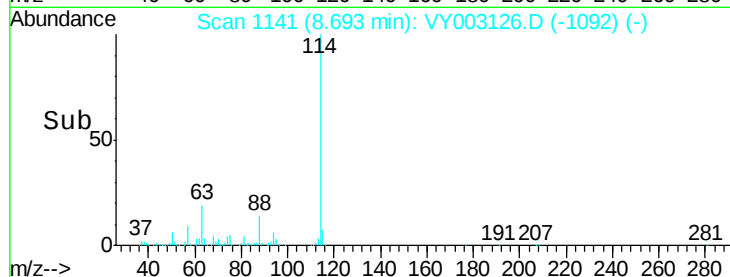
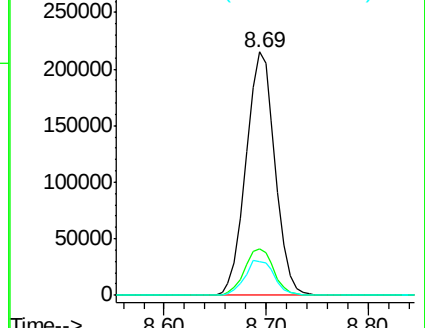
88 14.0 0.0 30.0



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: 45.507 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003126.D

Acq: 07 Jul 2020 15:02

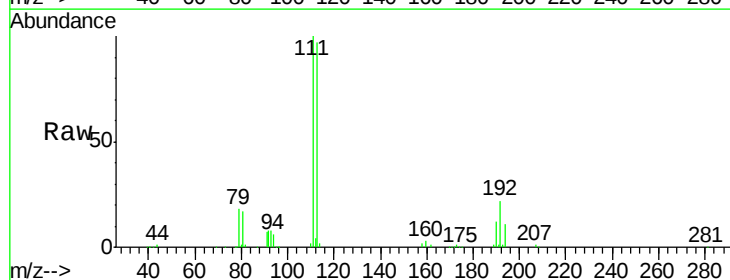
Tgt Ion:113 Resp: 120533

Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

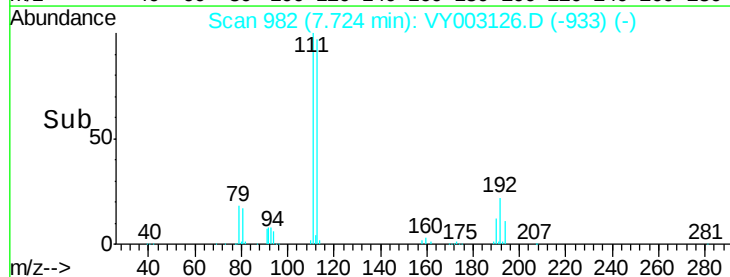
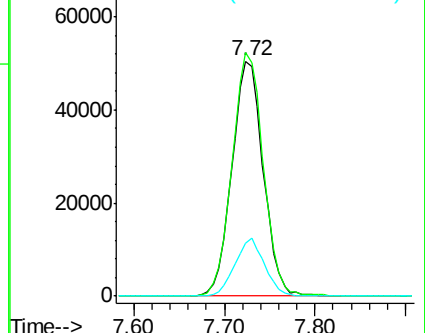
192 23.3 18.1 27.1

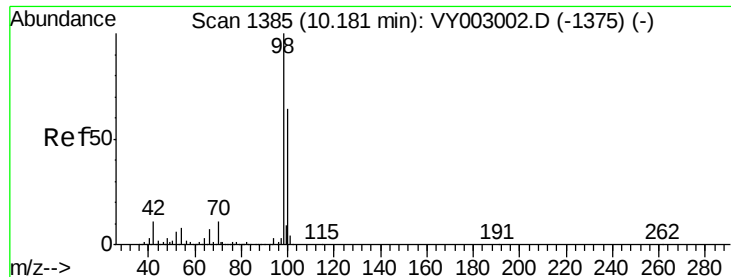


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.615 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003126.D

Acq: 07 Jul 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

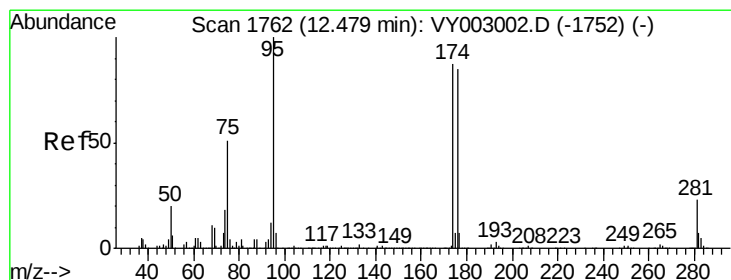
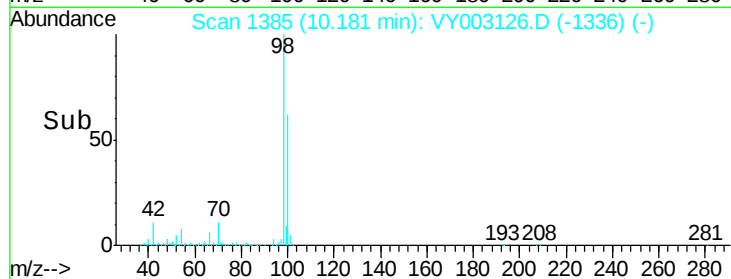
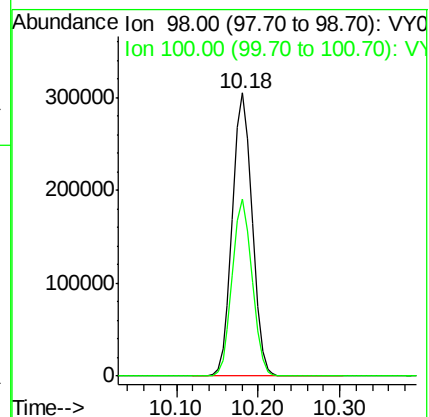
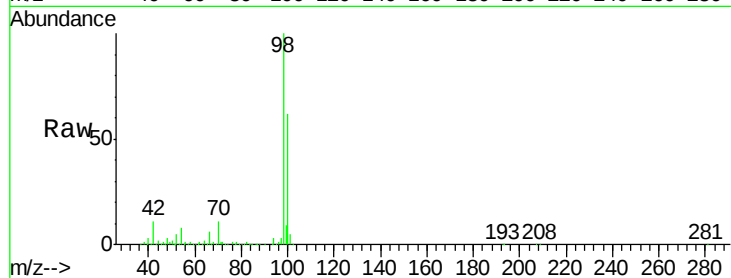
RT-4743

Tot Ion: 98 Resp: 509306

Ion Ratio Lower Upper

98 100

100 62.8 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 49.279 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003126.D

Acq: 07 Jul 2020 15:02

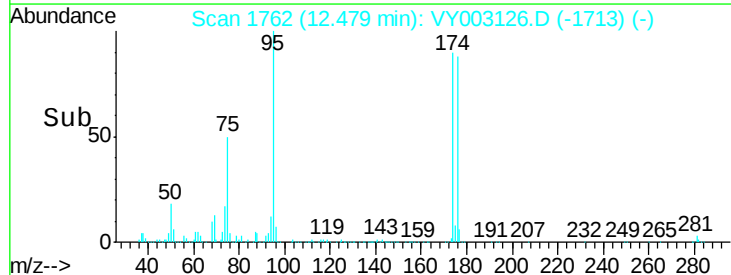
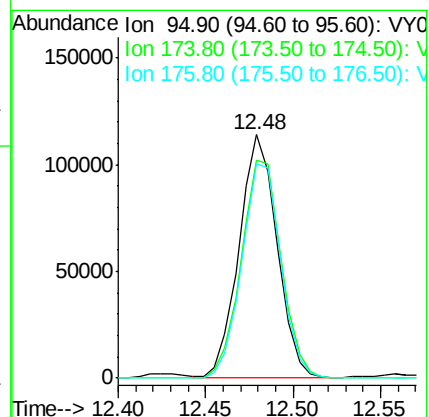
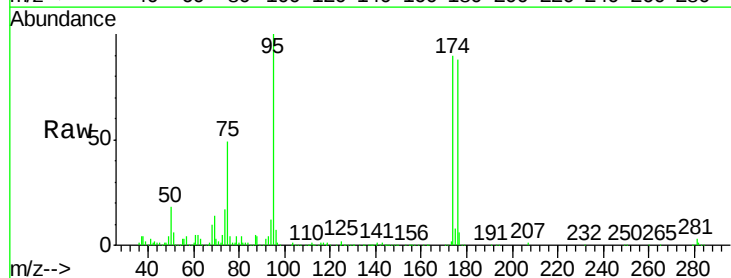
Tgt Ion: 95 Resp: 171164

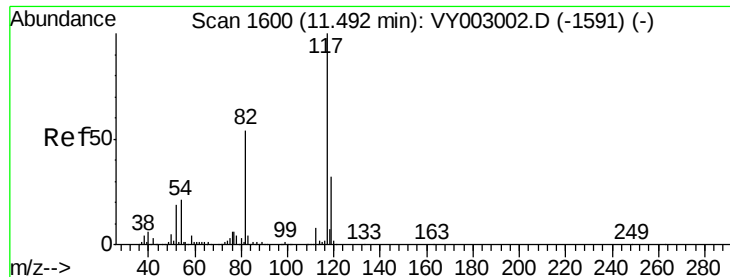
Ion Ratio Lower Upper

95 100

174 94.9 0.0 184.8

176 91.0 0.0 183.0

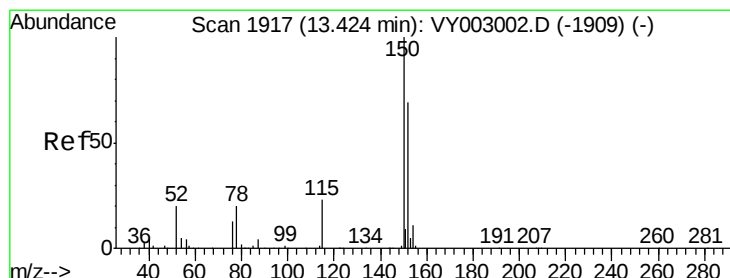
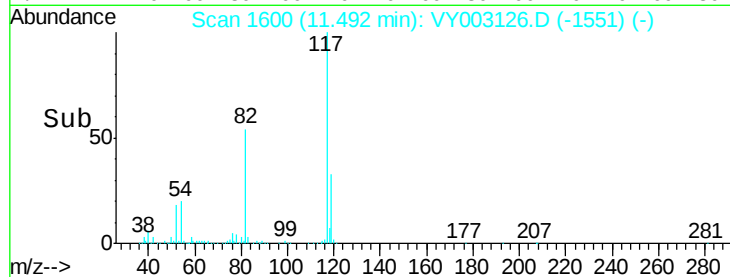
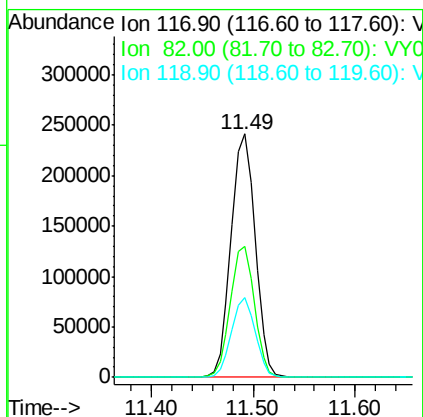
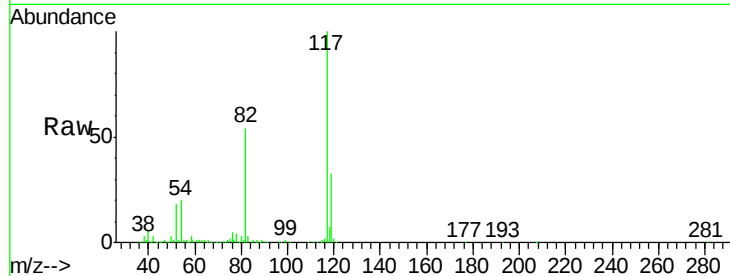




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003126.D
Acq: 07 Jul 2020 15:02

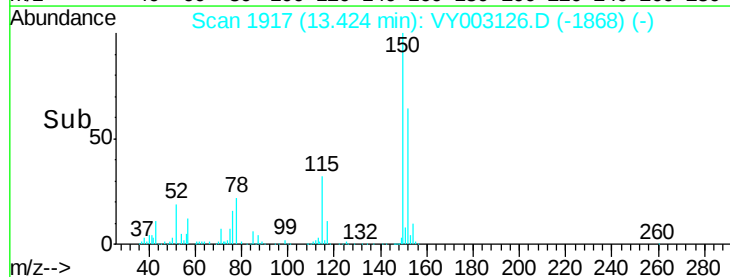
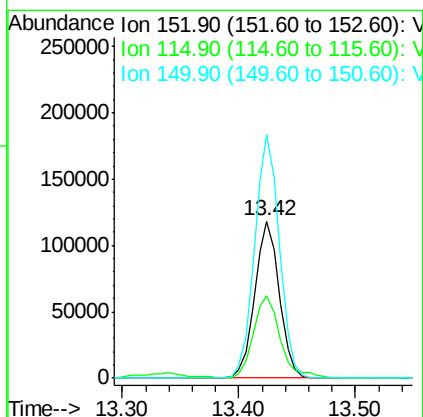
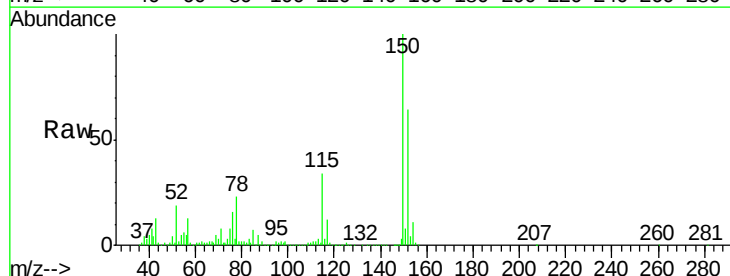
Instrument :
MSVOA_Y
ClientSampleId :
RT-4743

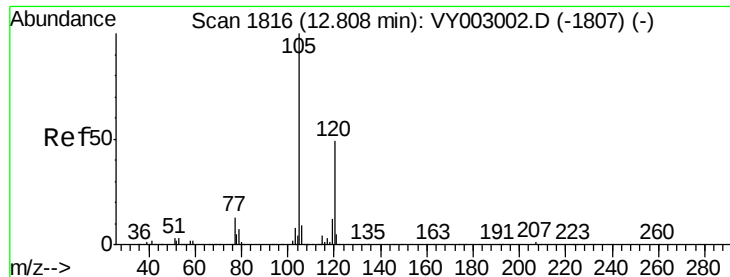
Tot Ion:117 Resp: 395141
Ion Ratio Lower Upper
117 100
82 53.6 43.0 64.6
119 33.0 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003126.D
Acq: 07 Jul 2020 15:02

Tgt Ion:152 Resp: 174344
Ion Ratio Lower Upper
152 100
115 57.2 27.3 81.9
150 155.6 0.0 343.4





#80

1,3,5-Trimethylbenzene

Concen: 6.217 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY003126.D

Acq: 07 Jul 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

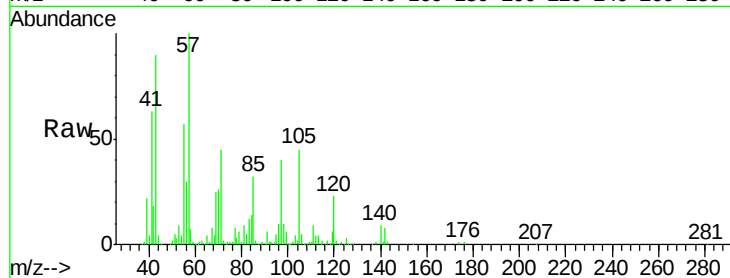
RT-4743

Tot Ion:105 Resp: 59525

Ion Ratio Lower Upper

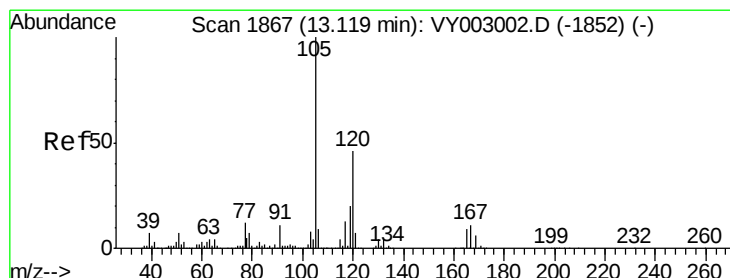
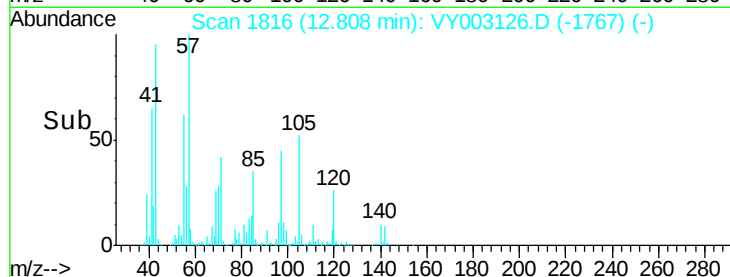
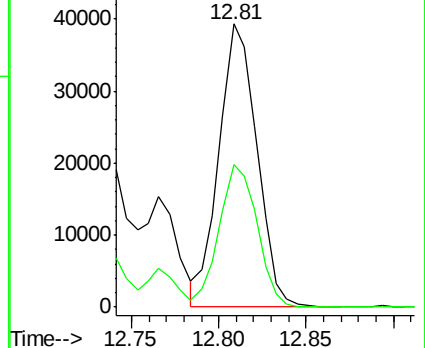
105 100

120 50.3 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 10.657 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY003126.D

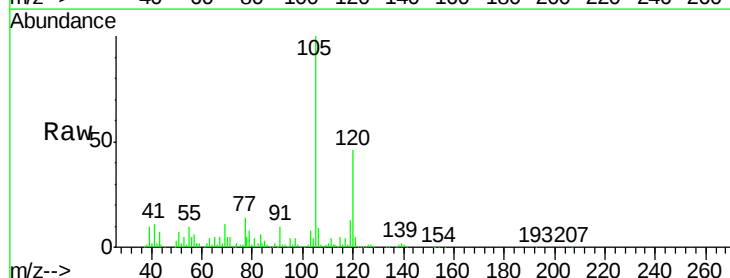
Acq: 07 Jul 2020 15:02

Tgt Ion:105 Resp: 102823

Ion Ratio Lower Upper

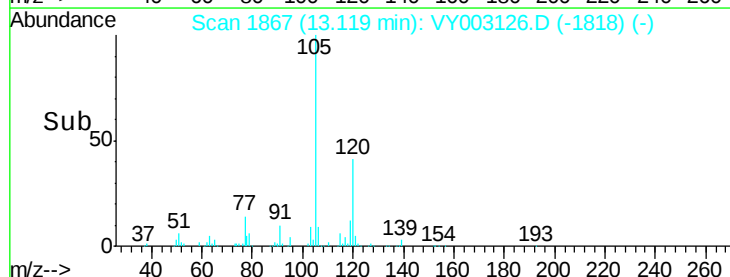
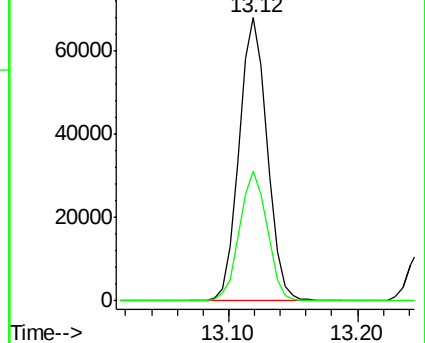
105 100

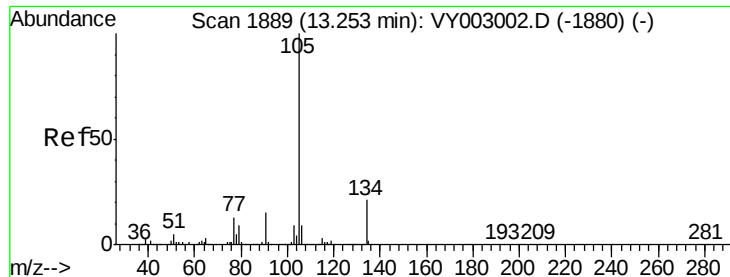
120 45.2 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 1.858 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003126.D

Acq: 07 Jul 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

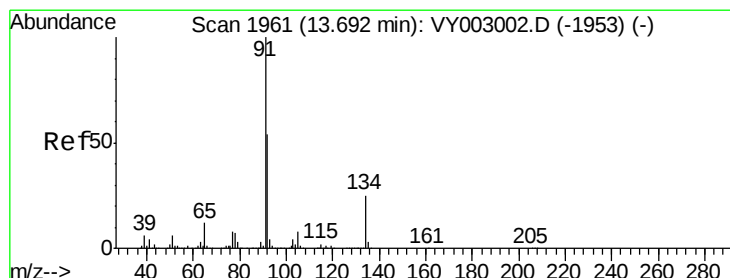
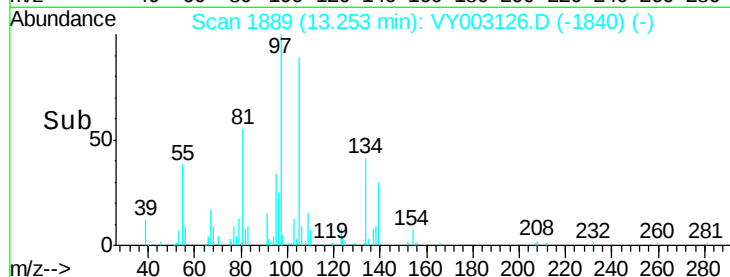
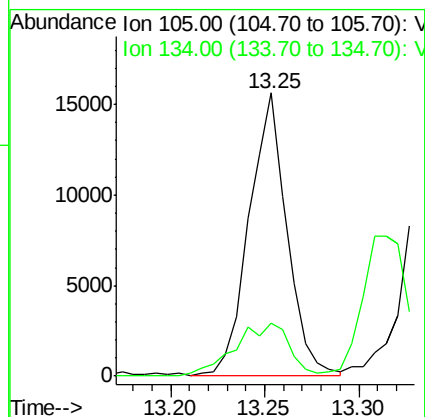
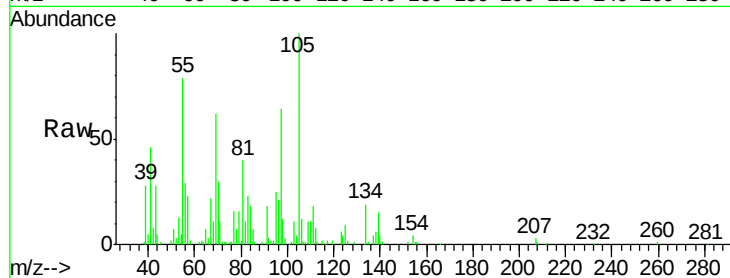
RT-4743

Tot Ion: 105 Resp: 21532

Ion Ratio Lower Upper

105 100

134 27.1 10.4 31.2



#89

n-Butylbenzene

Concen: 2.937 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. -0.00 min

Lab File: VY003126.D

Acq: 07 Jul 2020 15:02

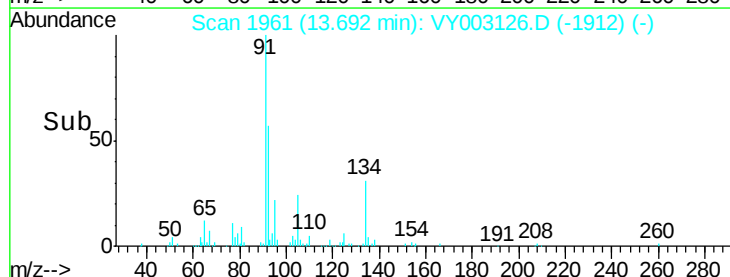
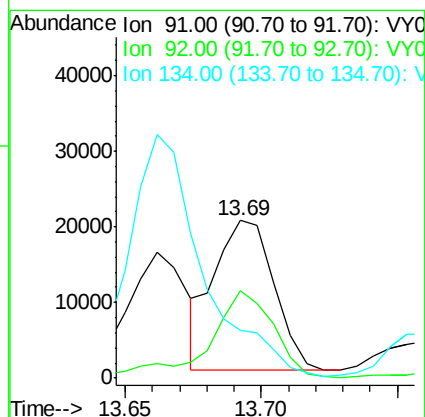
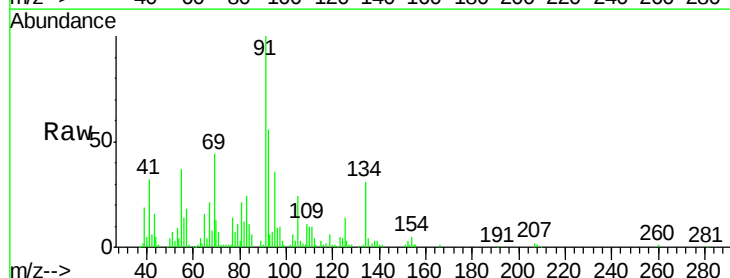
Tgt Ion: 91 Resp: 30179

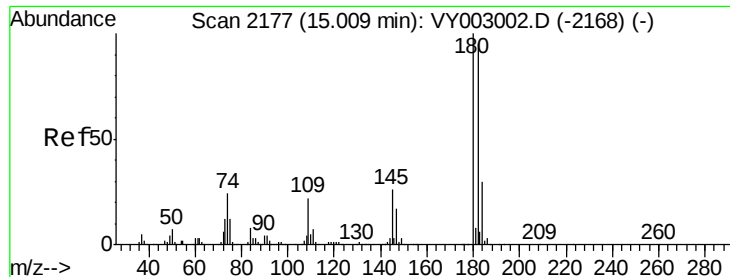
Ion Ratio Lower Upper

91 100

92 61.0 26.8 80.3

134 0.0 13.1 39.1#

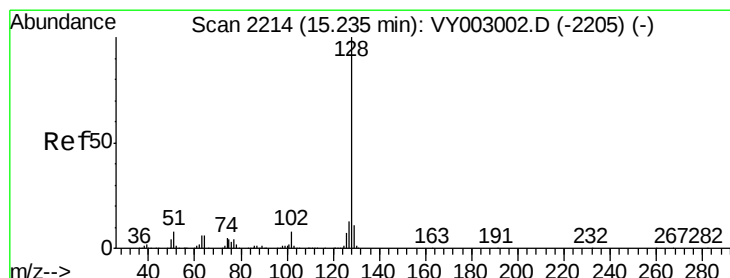
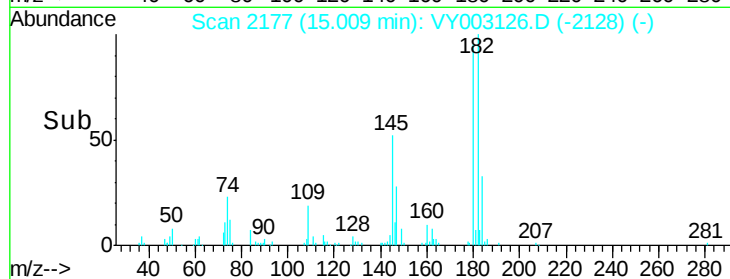
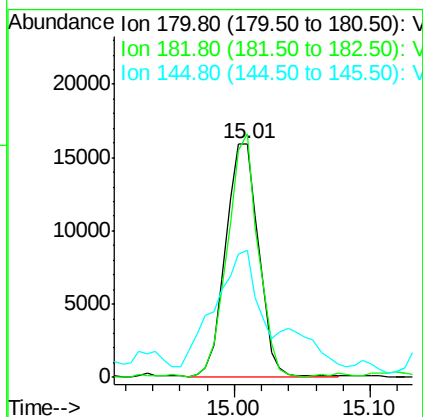
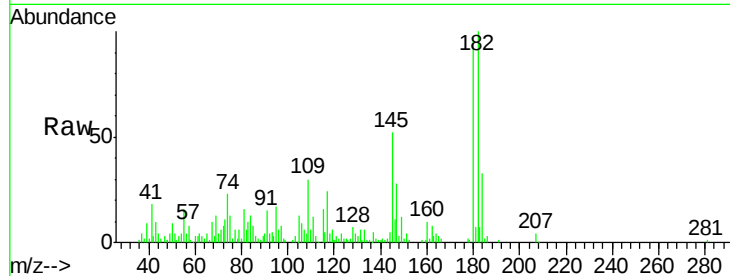




#93
 1,2,4-Trichlorobenzene
 Concen: 7.444 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY003126.D
 Acq: 07 Jul 2020 15:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-4743

Tot Ion:180 Resp: 27107
 Ion Ratio Lower Upper
 180 100
 182 96.1 48.1 144.3
 145 64.3 13.9 41.6#



#95
 Naphthalene
 Concen: 2.111 ug/l
 RT: 15.23 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: VY003126.D
 Acq: 07 Jul 2020 15:02

Tgt Ion:128 Resp: 14041
 Ion Ratio Lower Upper
 128 100
 127 20.4 10.8 16.2#
 129 7.2 8.8 13.2#

