

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030220\
 Data File : VY001817.D
 Acq On : 02 Mar 2020 13:58
 Operator : SY/MD
 Sample : L1743-09
 Misc : 7.92G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 G-4

Quant Time: Mar 12 11:51:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	144191	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	280143	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	251369	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	102537	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	89897	57.96	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	115.92%	
35) Dibromofluoromethane	7.73	113	80798	50.36	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	100.72%	
50) Toluene-d8	10.19	98	338008	53.77	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.54%	
62) 4-Bromofluorobenzene	12.49	95	111831	45.79	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.58%	

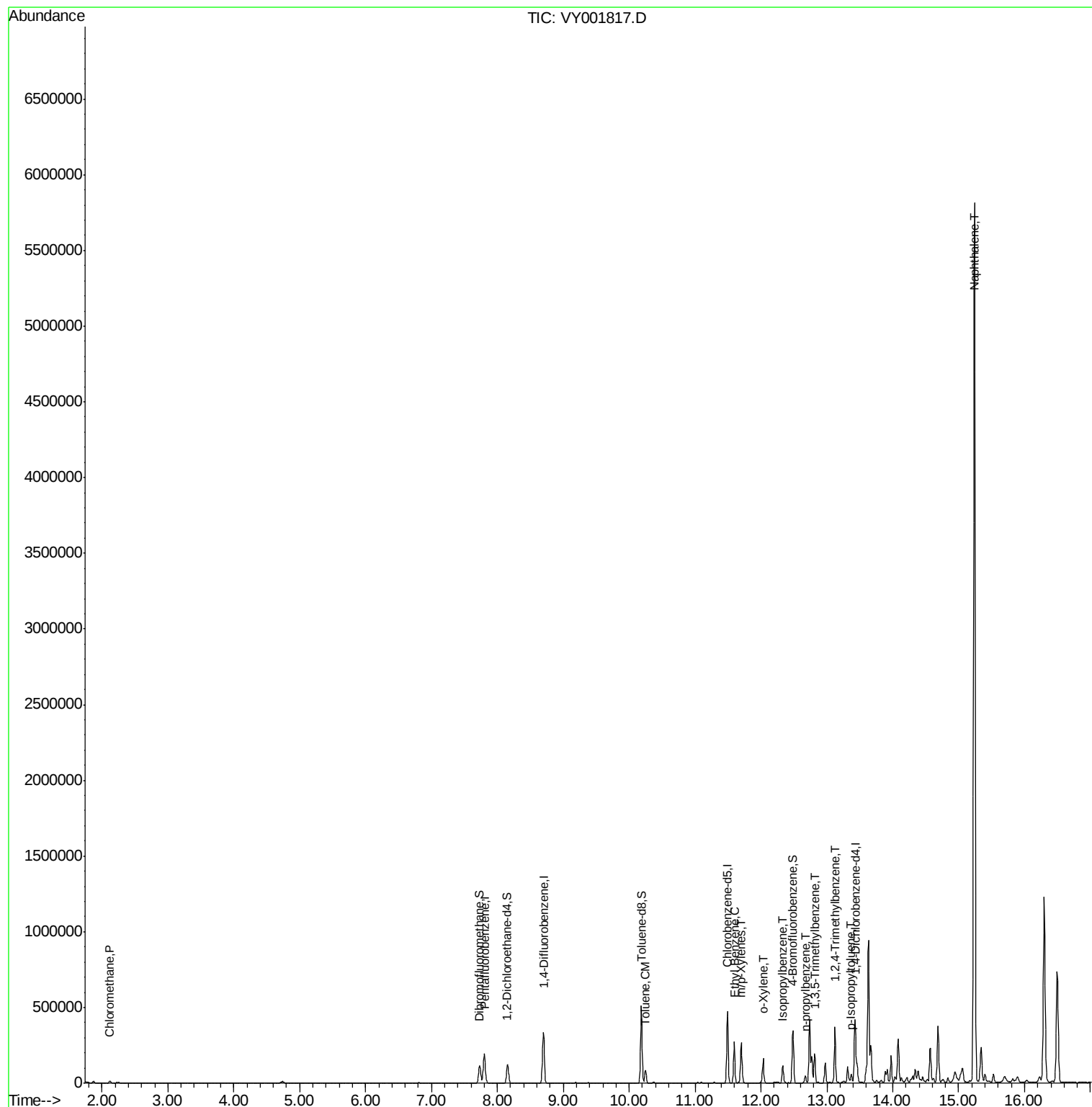
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.12	50	10224	5.408	ug/l	99
52) Toluene	10.25	92	35068	7.143	ug/l	100
67) Ethyl Benzene	11.60	91	183498	19.703	ug/l	99
68) m/p-Xylenes	11.70	106	78155	22.465	ug/l	99
69) o-Xylene	12.03	106	43275	13.084	ug/l	99
73) Isopropylbenzene	12.33	105	68340	8.749	ug/l	99
78) n-propylbenzene	12.67	91	32786	3.446	ug/l	96
80) 1,3,5-Trimethylbenzene	12.81	105	93844	14.513	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	199825	30.997	ug/l	99
86) p-Isopropyltoluene	13.37	119	29892	4.326	ug/l	99
95) Naphthalene	15.24	128	4667786	1007.967	ug/l	99

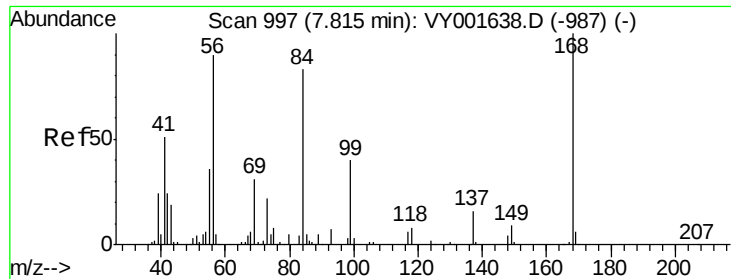
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY030220\
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Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001817.D

Acq: 02 Mar 2020 13:58

Instrument :

MSVOA_Y

ClientSampled :

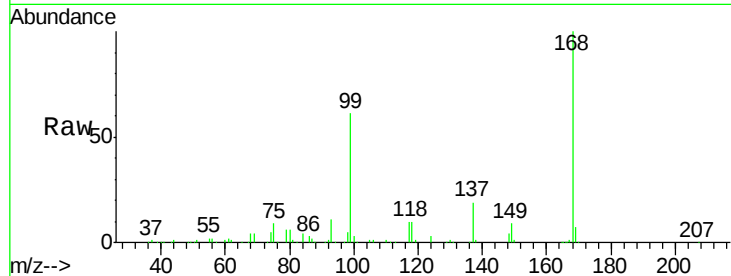
G-4

Tot Ion:168 Resp: 144191

Ion Ratio Lower Upper

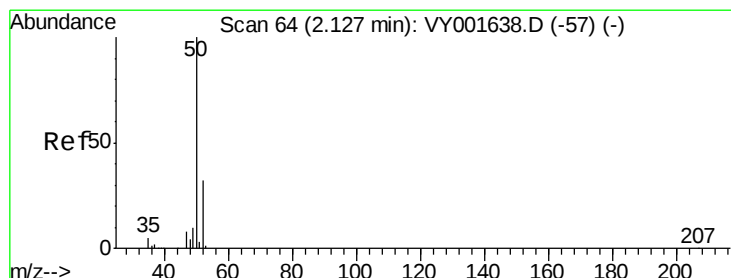
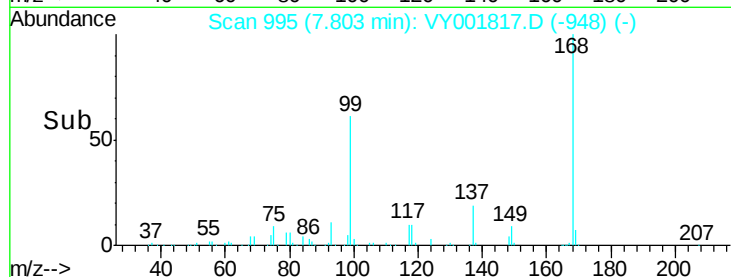
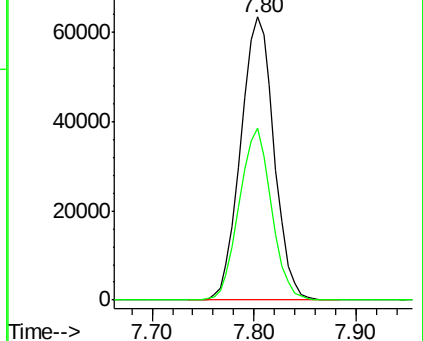
168 100

99 60.8 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001817.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001817.D (-948) (-)



#3

Chloromethane

Concen: 5.408 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.01 min

Lab File: VY001817.D

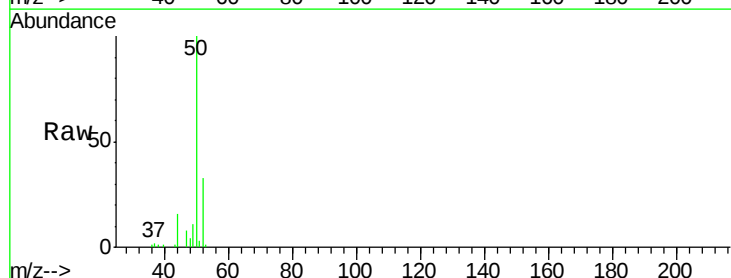
Acq: 02 Mar 2020 13:58

Tgt Ion: 50 Resp: 10224

Ion Ratio Lower Upper

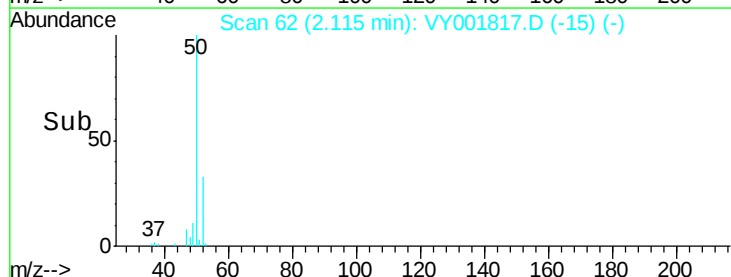
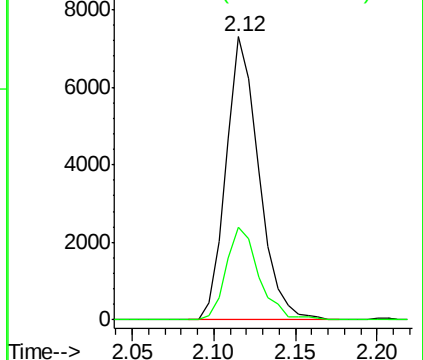
50 100

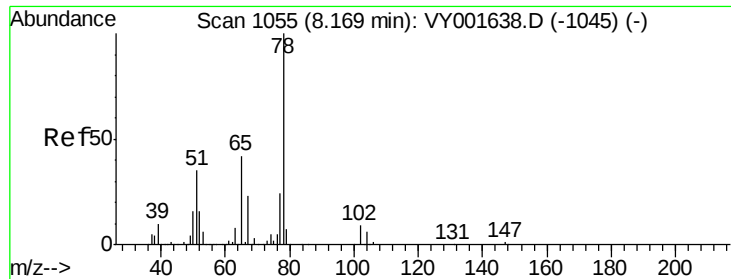
52 32.7 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY001817.D (-15) (-)

Ion 51.90 (51.60 to 52.60): VY001817.D (-15) (-)

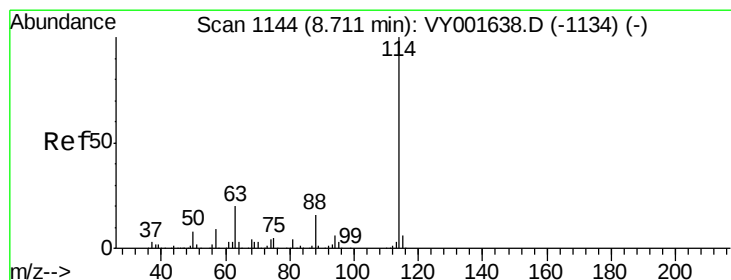
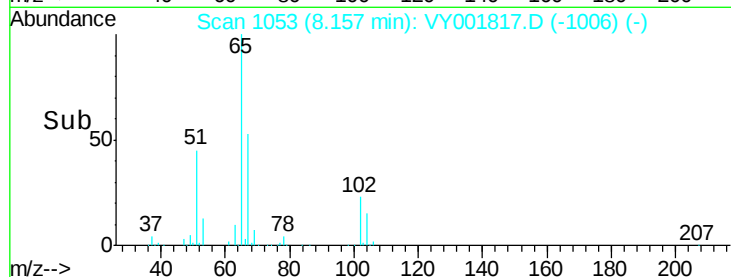
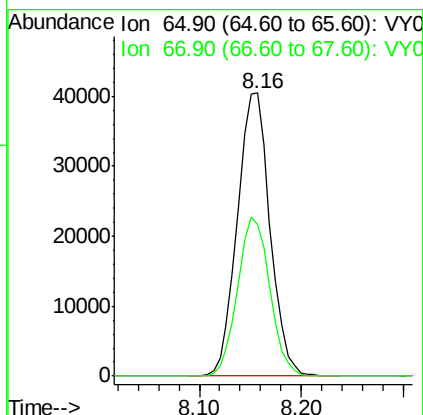
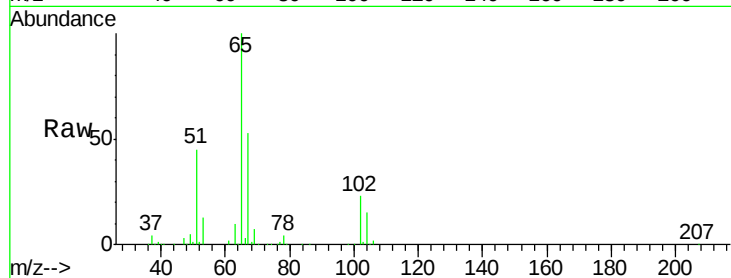




#33
 1,2-Dichloroethane-d4
 Concen: 57.961 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY001817.D
 Acq: 02 Mar 2020 13:58

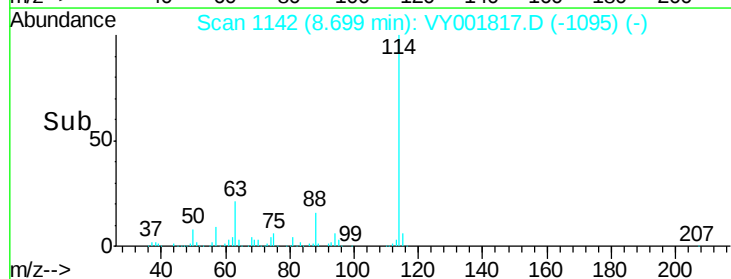
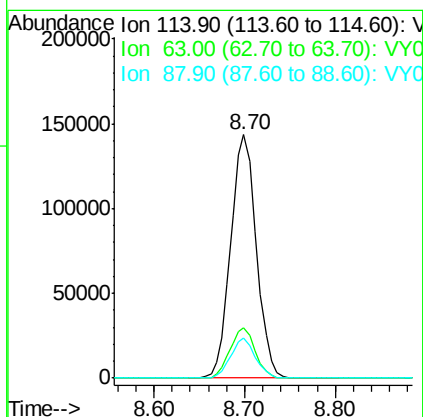
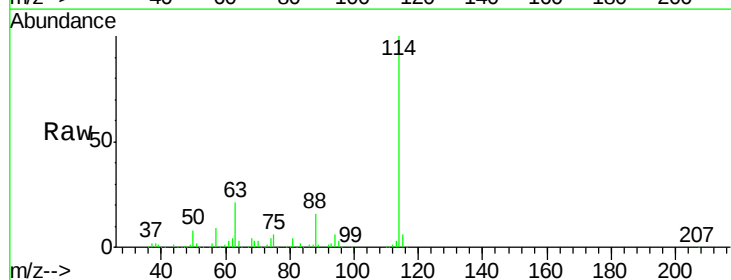
Instrument :
 MSVOA_Y
 ClientSampleId :
 G-4

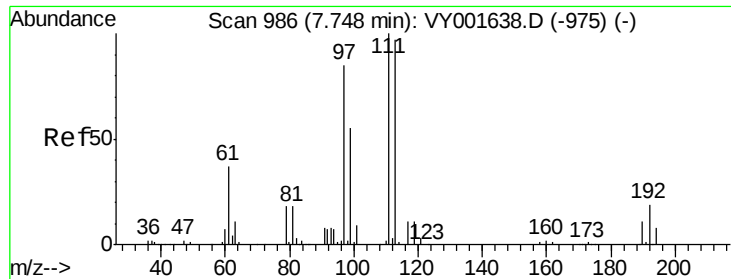
Tot Ion: 65 Resp: 89897
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY001817.D
 Acq: 02 Mar 2020 13:58

Tgt Ion: 114 Resp: 280143
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 41.4
 88 16.3 0.0 32.8

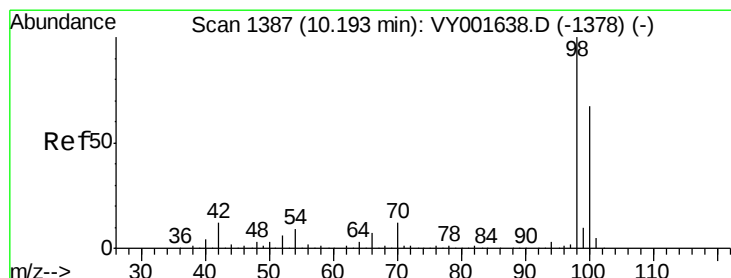
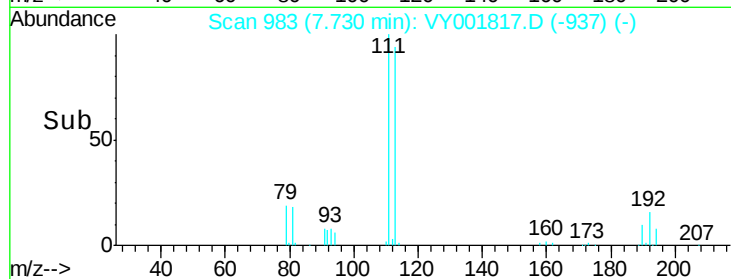
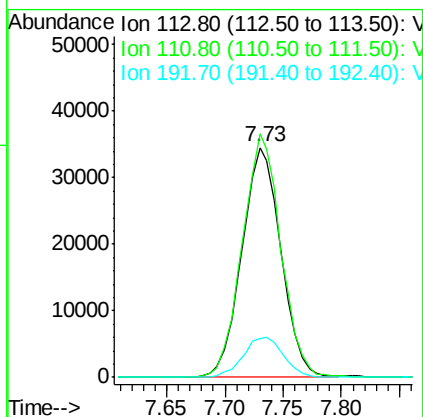
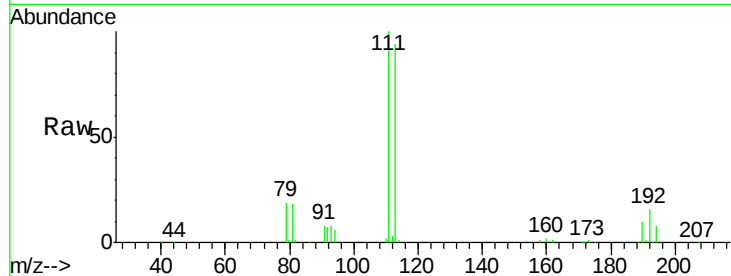




#35
 Dibromofluoromethane
 Concen: 50.356 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: VY001817.D
 Acq: 02 Mar 2020 13:58

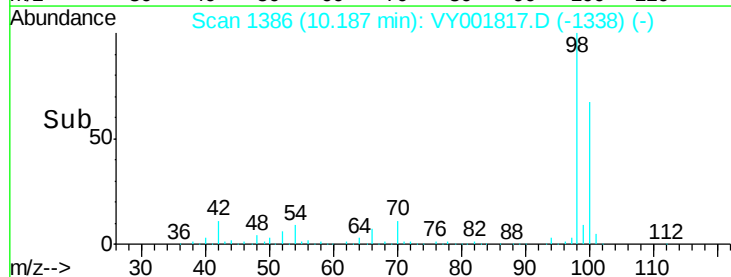
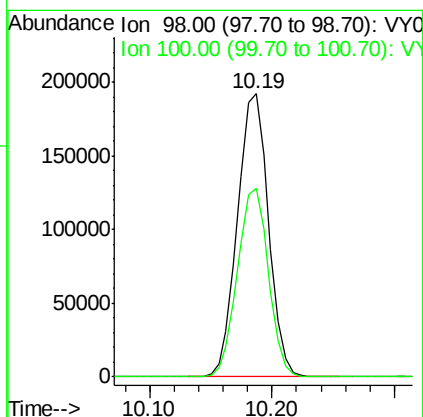
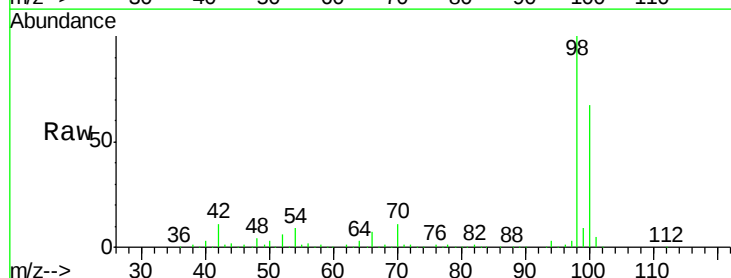
Instrument :
 MSVOA_Y
 ClientSampleId :
 G-4

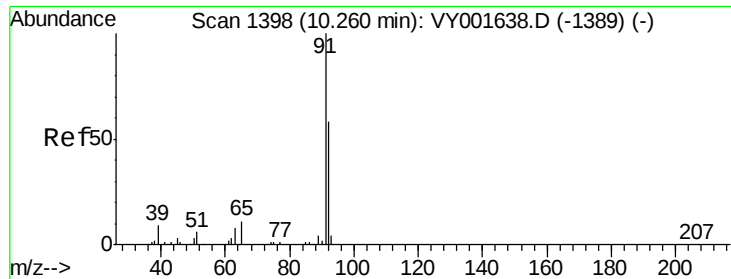
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.8	81.9	122.9
192	17.9	14.3	21.5



#50
 Toluene-d8
 Concen: 53.771 ug/l
 RT: 10.19 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: VY001817.D
 Acq: 02 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.0	79.4





#52

Toluene

Concen: 7.143 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VY001817.D

Acq: 02 Mar 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

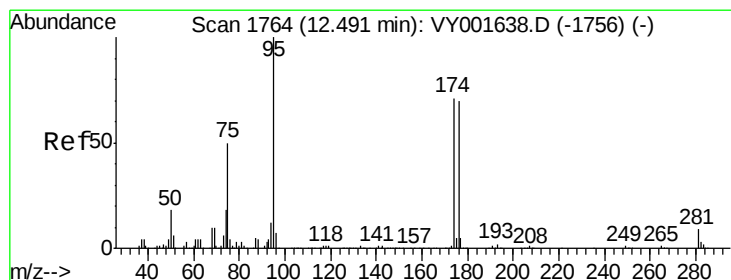
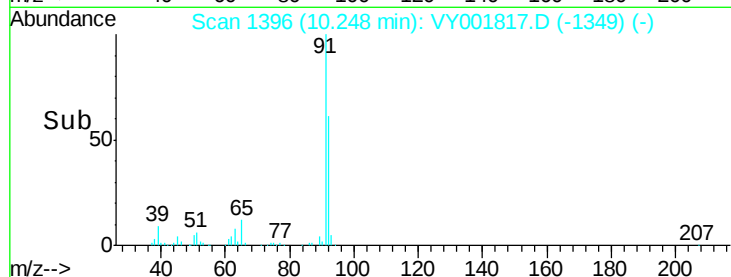
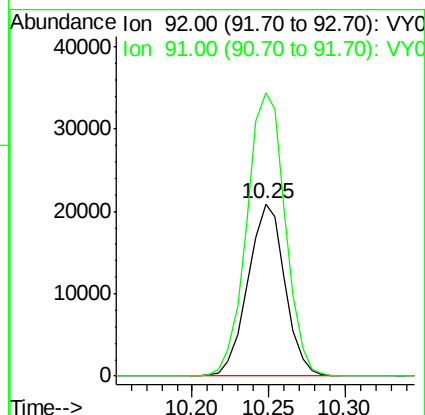
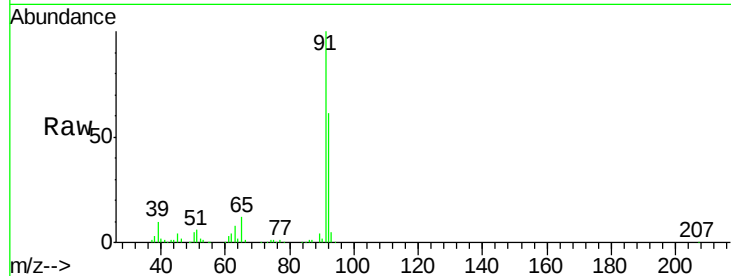
G-4

Tot Ion: 92 Resp: 35068

Ion Ratio Lower Upper

92 100

91 170.8 137.0 205.6



#62

4-Bromofluorobenzene

Concen: 45.793 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY001817.D

Acq: 02 Mar 2020 13:58

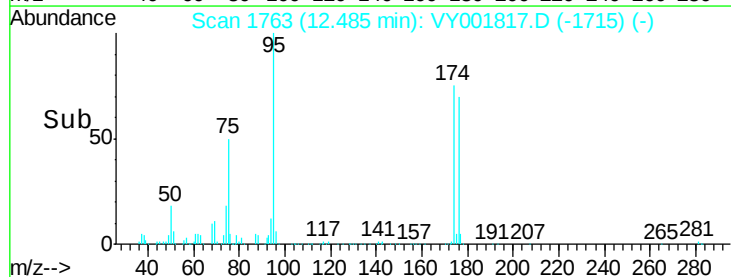
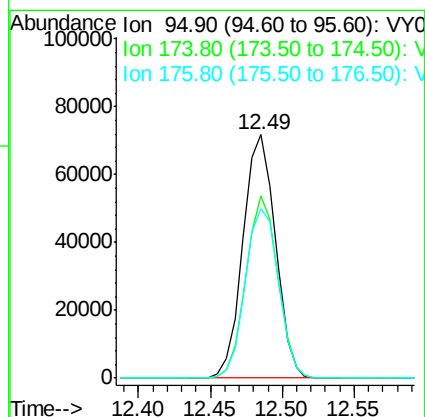
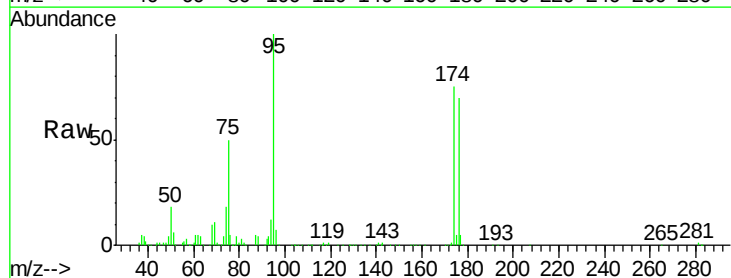
Tgt Ion: 95 Resp: 111831

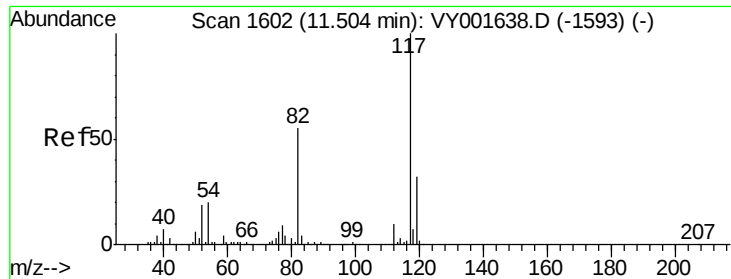
Ion Ratio Lower Upper

95 100

174 73.4 0.0 138.4

176 71.4 0.0 131.8

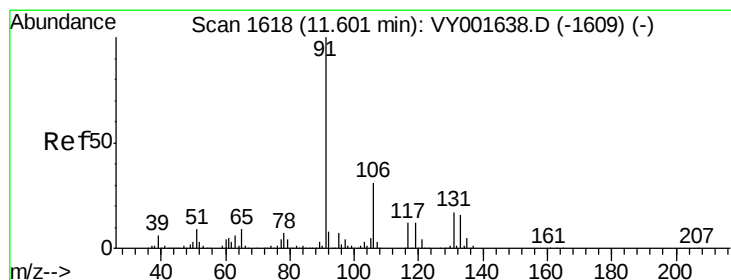
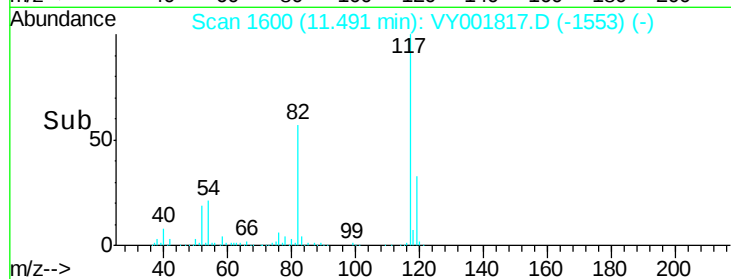
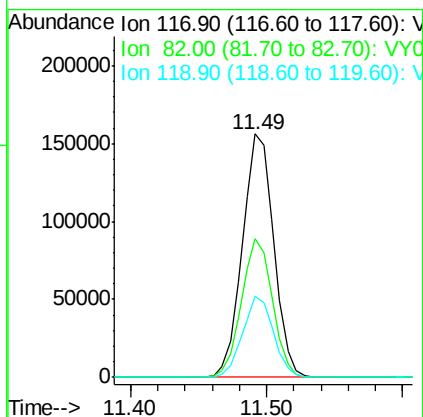
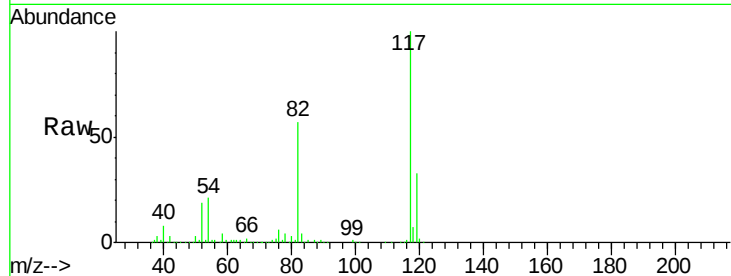




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001817.D
Acq: 02 Mar 2020 13:58

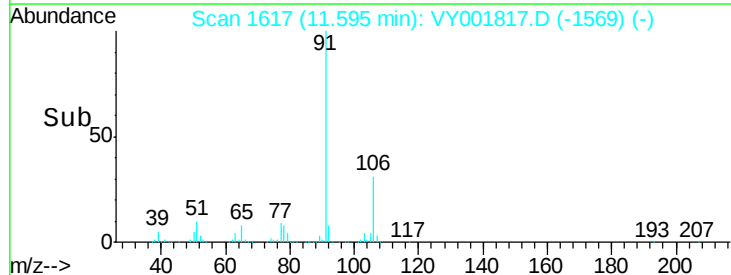
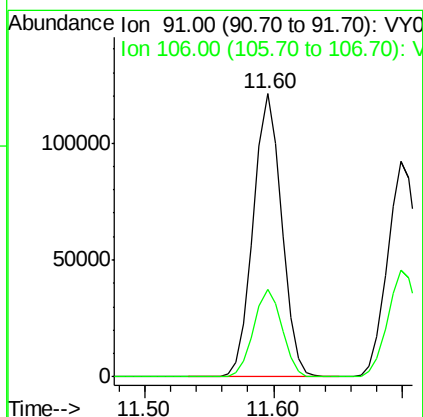
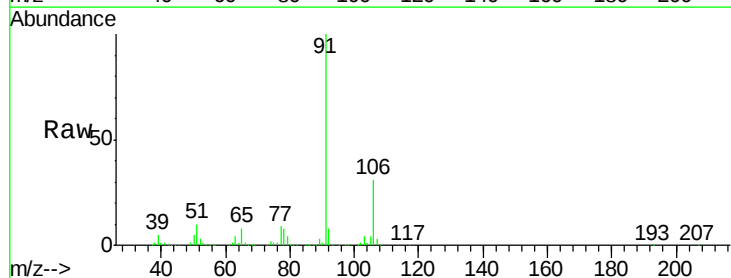
Instrument :
MSVOA_Y
ClientSampled :
G-4

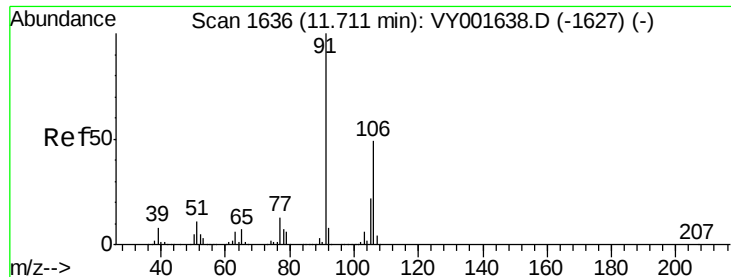
Tot Ion:117 Resp: 251369
Ion Ratio Lower Upper
117 100
82 57.2 45.5 68.3
119 33.4 25.8 38.6



#67
Ethyl Benzene
Concen: 19.703 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001817.D
Acq: 02 Mar 2020 13:58

Tgt Ion: 91 Resp: 183498
Ion Ratio Lower Upper
91 100
106 31.0 24.5 36.7

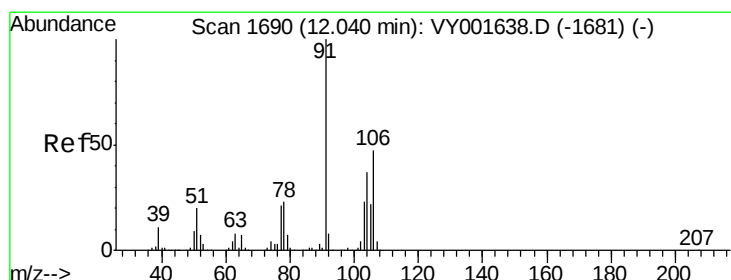
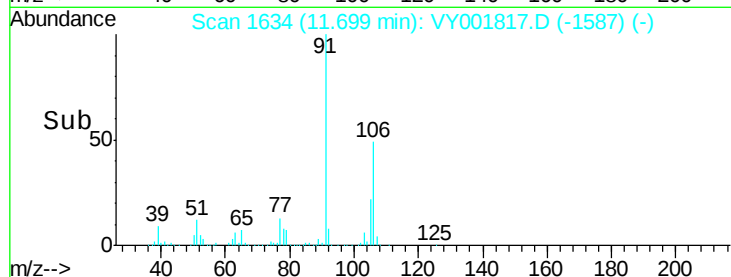
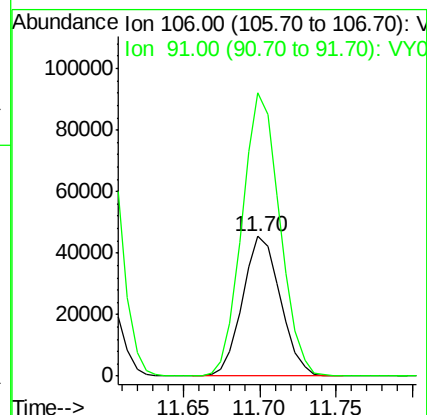
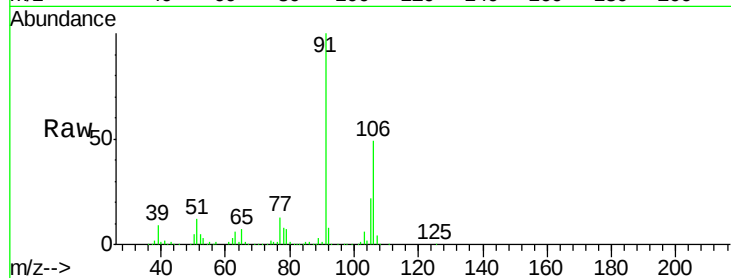




#68
m/p-Xylenes
Concen: 22.465 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VY001817.D
Acq: 02 Mar 2020 13:58

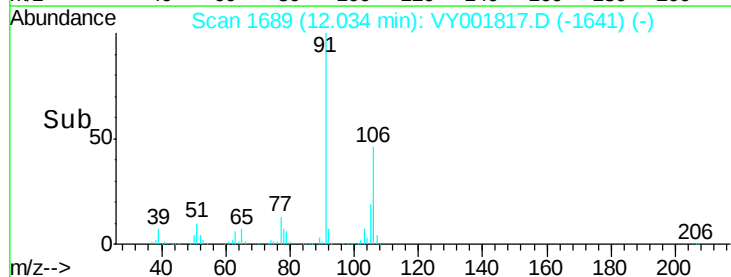
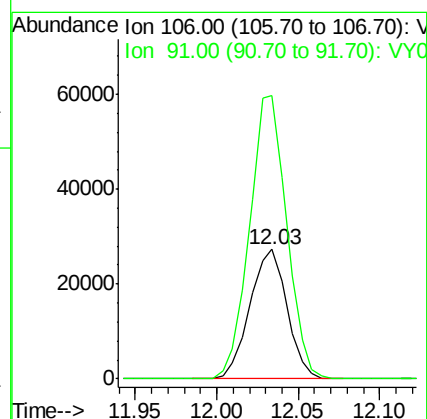
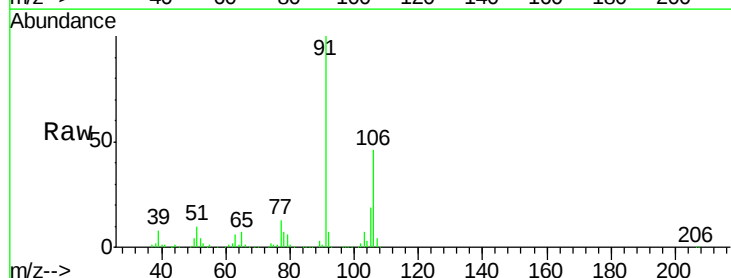
Instrument :
MSVOA_Y
ClientSampled :
G-4

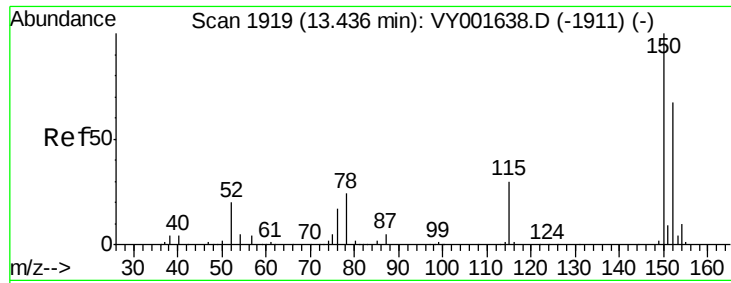
Tot Ion:106 Resp: 78155
Ion Ratio Lower Upper
106 100
91 201.9 163.3 244.9



#69
o-Xylene
Concen: 13.084 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY001817.D
Acq: 02 Mar 2020 13:58

Tgt Ion:106 Resp: 43275
Ion Ratio Lower Upper
106 100
91 218.7 108.3 324.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY001817.D

Acq: 02 Mar 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

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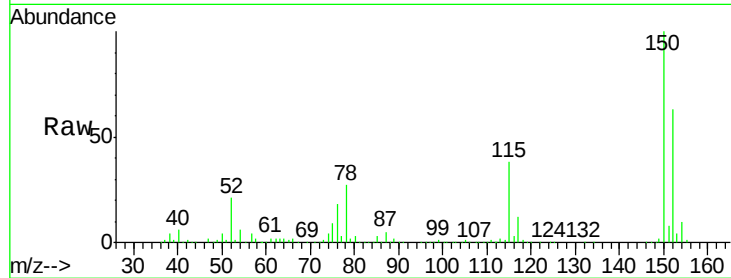
Tot Ion:152 Resp: 102537

Ion Ratio Lower Upper

152 100

115 62.7 31.4 94.2

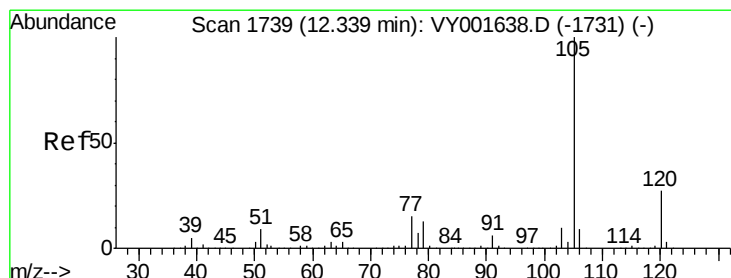
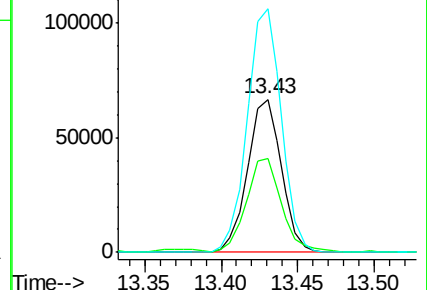
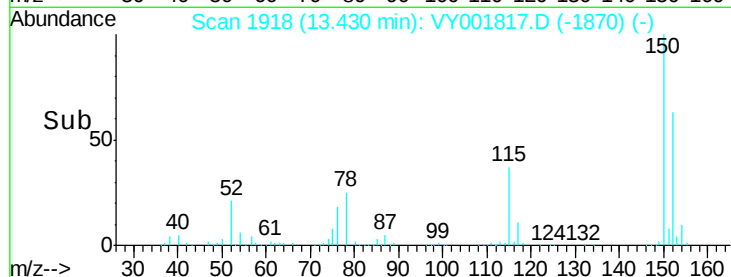
150 159.9 0.0 407.2



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



#73

Isopropylbenzene

Concen: 8.749 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY001817.D

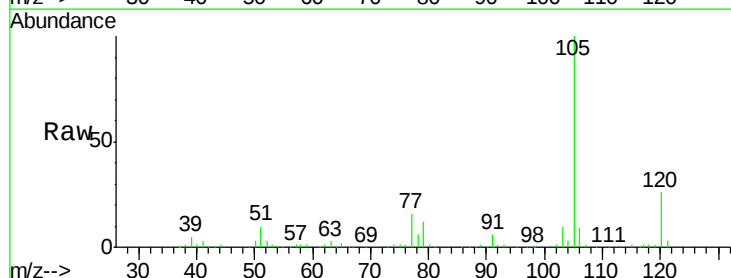
Acq: 02 Mar 2020 13:58

Tgt Ion:105 Resp: 68340

Ion Ratio Lower Upper

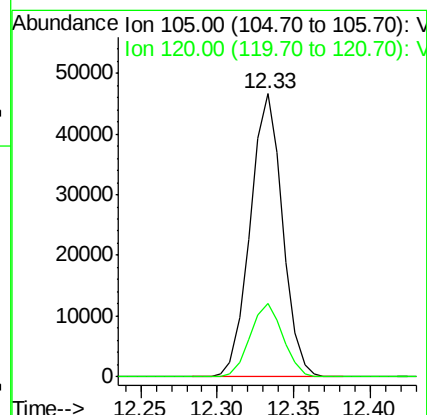
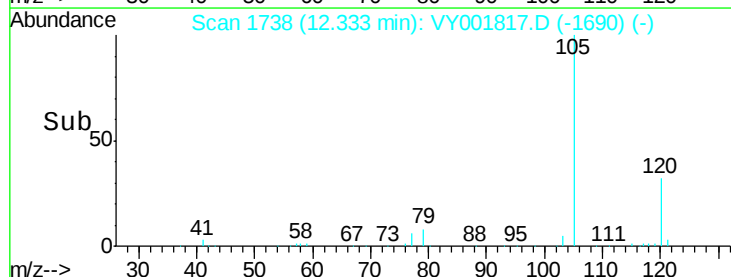
105 100

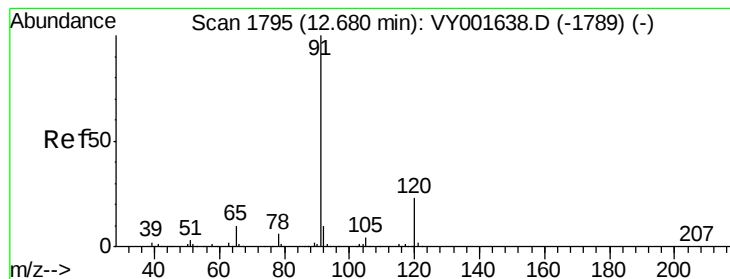
120 26.4 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 3.446 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY001817.D

Acq: 02 Mar 2020 13:58

Instrument :

MSVOA_Y

ClientSampled :

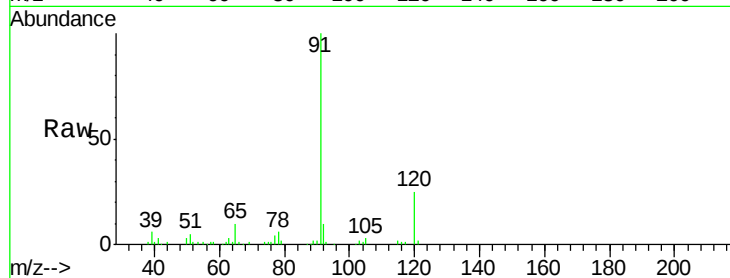
G-4

Tot Ion: 91 Resp: 32786

Ion Ratio Lower Upper

91 100

120 23.9 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY001817.D (-1746) (-)

Ion 120.00 (119.70 to 120.70): VY001817.D (-1746) (-)

60000

50000

40000

30000

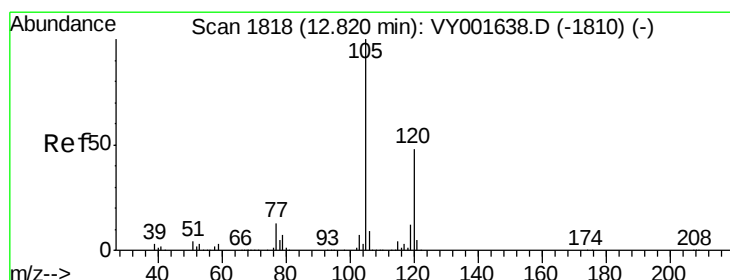
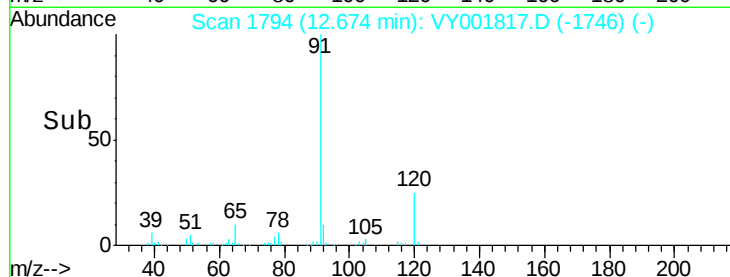
20000

10000

0

Time--> 12.60 12.65 12.70

12.67



#80

1,3,5-Trimethylbenzene

Concen: 14.513 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY001817.D

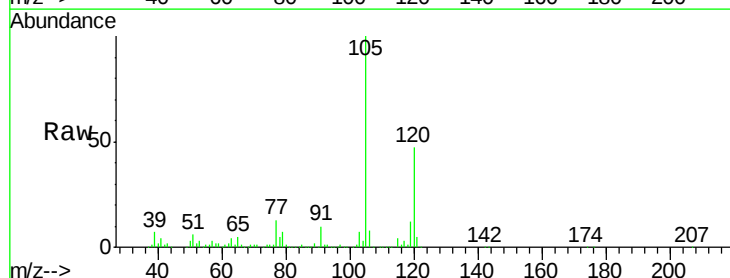
Acq: 02 Mar 2020 13:58

Tgt Ion: 105 Resp: 93844

Ion Ratio Lower Upper

105 100

120 48.7 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VY001817.D (-1769) (-)

Ion 120.00 (119.70 to 120.70): VY001817.D (-1769) (-)

150000

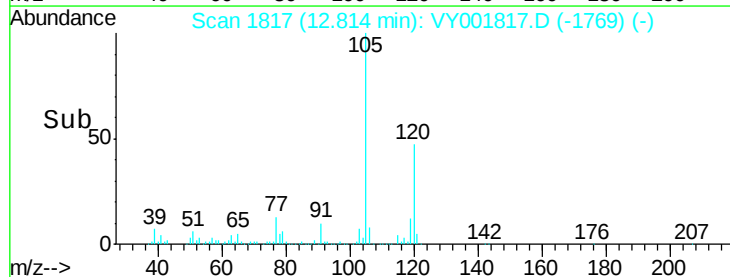
100000

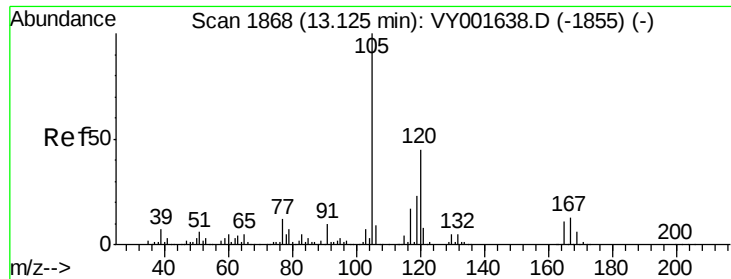
50000

0

Time--> 12.75 12.80 12.85 12.90

12.81

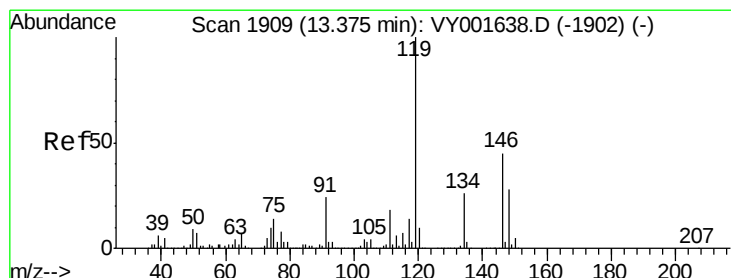
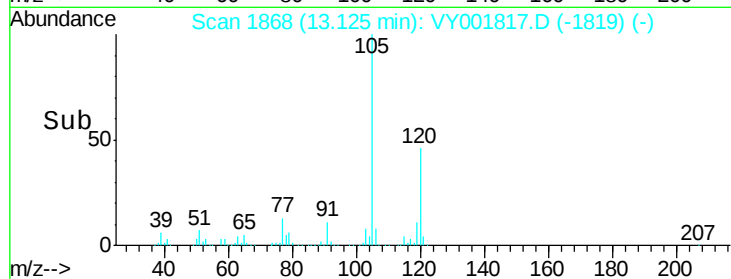
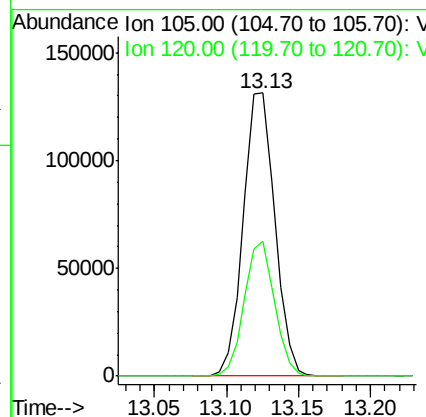
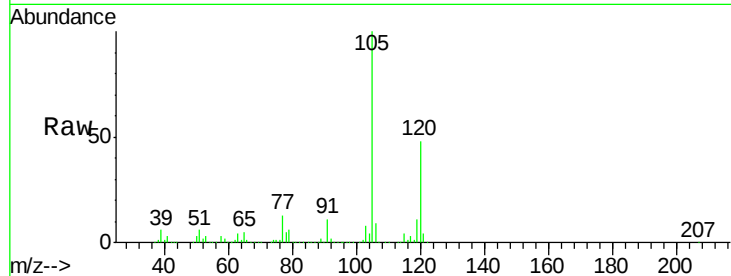




#84
 1,2,4-Trimethylbenzene
 Concen: 30.997 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VY001817.D
 Acq: 02 Mar 2020 13:58

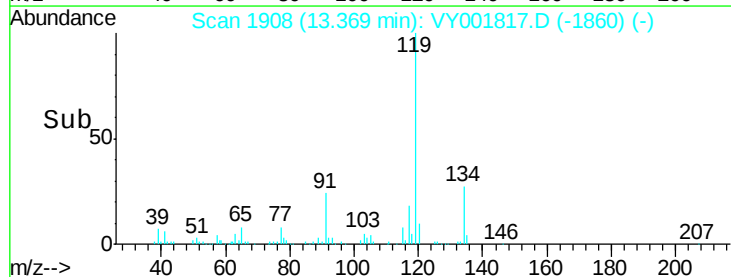
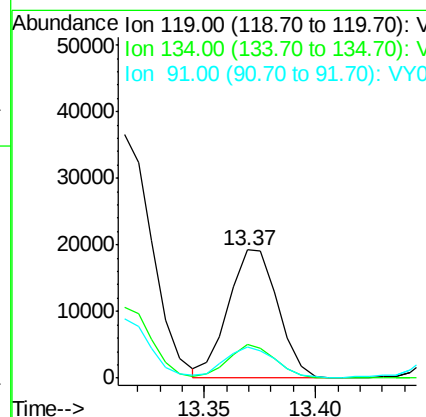
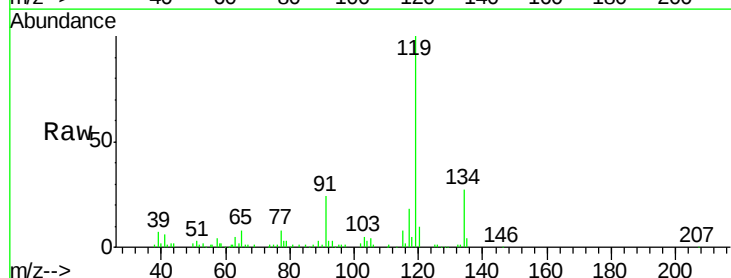
Instrument :
 MSVOA_Y
 ClientSampled :
 G-4

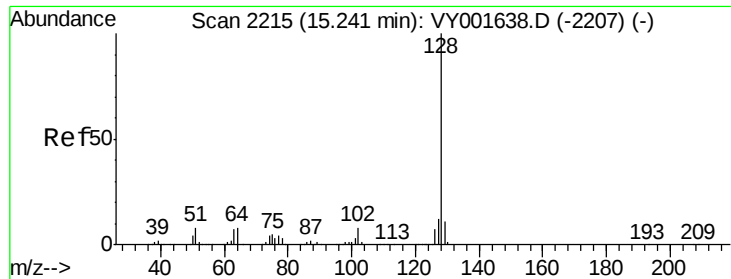
Tot Ion:105 Resp: 199825
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.4 67.3



#86
 p-Isopropyltoluene
 Concen: 4.326 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY001817.D
 Acq: 02 Mar 2020 13:58

Tgt Ion:119 Resp: 29892
 Ion Ratio Lower Upper
 119 100
 134 25.1 13.0 39.0
 91 24.4 12.2 36.6

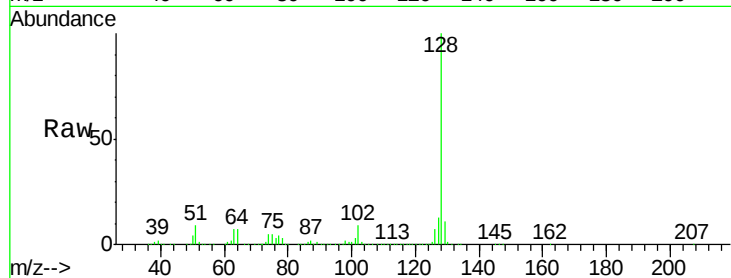




#95
Naphthalene
Concen: 1007.967 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.00 min
Lab File: VY001817.D
Acq: 02 Mar 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
G-4

Tot Ion:128 Resp: 4667786
Ion Ratio Lower Upper
128 100
127 12.8 9.9 14.9
129 11.1 8.6 13.0



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

