

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011020\
 Data File : VY001160.D
 Acq On : 10 Jan 2020 20:17
 Operator : SY/MD
 Sample : L1073-01
 Misc : 7.07G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-03-21.5-22

Quant Time: Jan 11 03:25:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

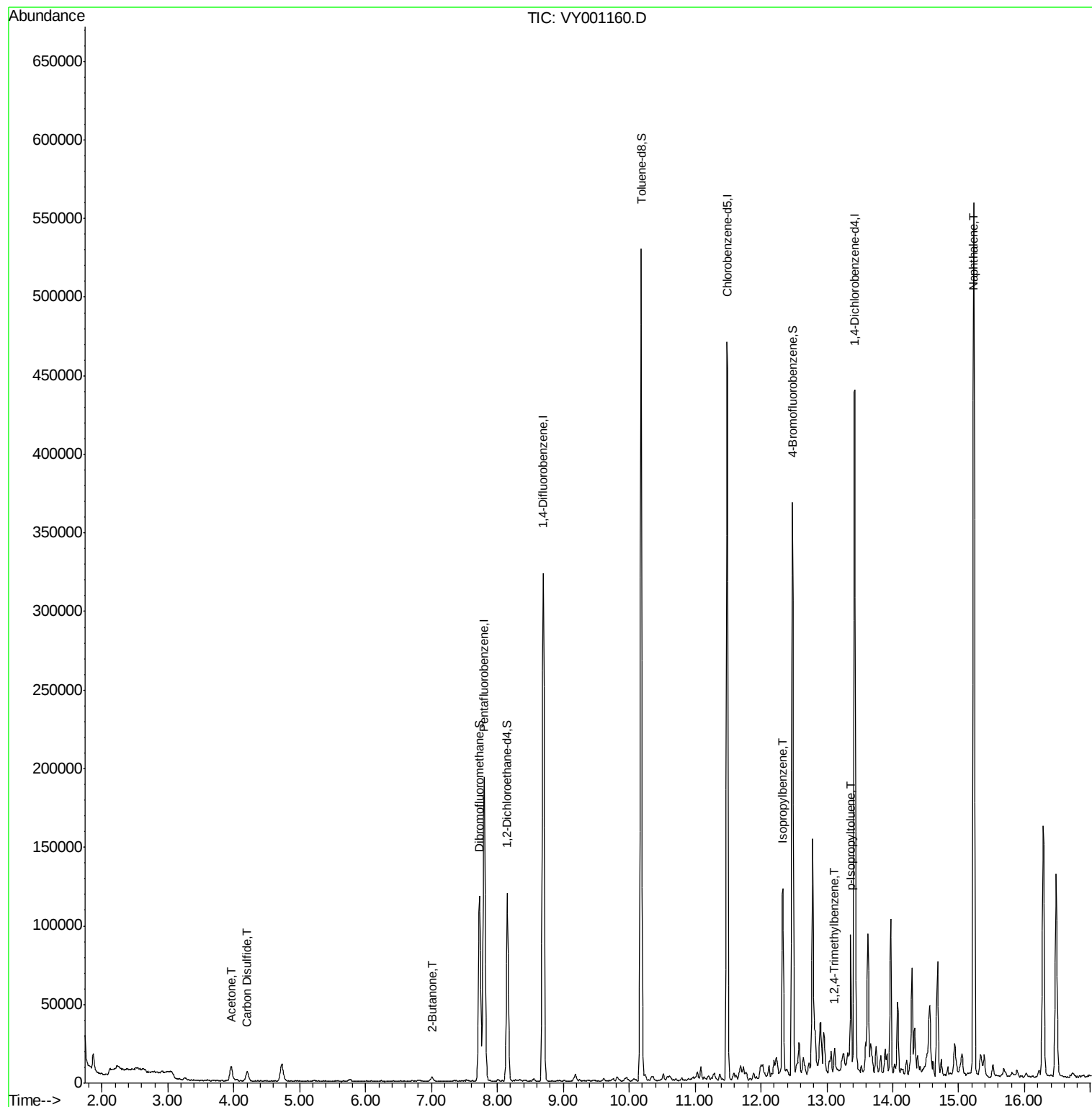
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	155206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	286790	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	261429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	112178	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	84722	51.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.36%	
35) Dibromofluoromethane	7.73	113	84701	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
50) Toluene-d8	10.18	98	339408	52.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.92%	
62) 4-Bromofluorobenzene	12.48	95	122643	46.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.74%	
Target Compounds						
16) Acetone	3.96	43	17038	44.754	ug/l	99
17) Carbon Disulfide	4.20	76	12130	2.362	ug/l	96
25) 2-Butanone	7.01	43	4701	7.934	ug/l #	87
73) Isopropylbenzene	12.33	105	23998	2.846	ug/l	93
84) 1,2,4-Trimethylbenzene	13.11	105	9041	1.294	ug/l	95
86) p-Isopropyltoluene	13.36	119	46633	6.314	ug/l	99
95) Naphthalene	15.23	128	453893	90.348	ug/l	99

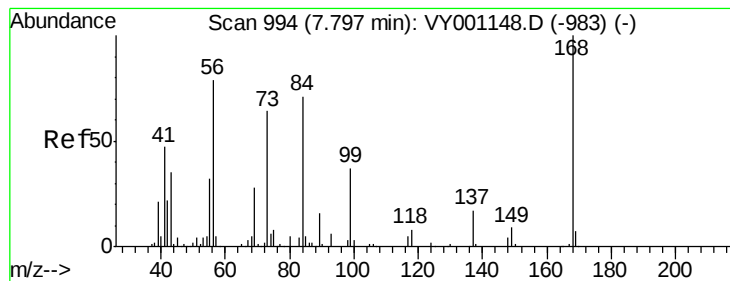
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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CIY1-SB-03-21.5-22

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Quant Title : SW846 8260
QLast Update : Fri Jan 10 16:01:58 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: VY001160.D

Acq: 10 Jan 2020 20:17

Instrument :

MSVOA_Y

ClientSampleId :

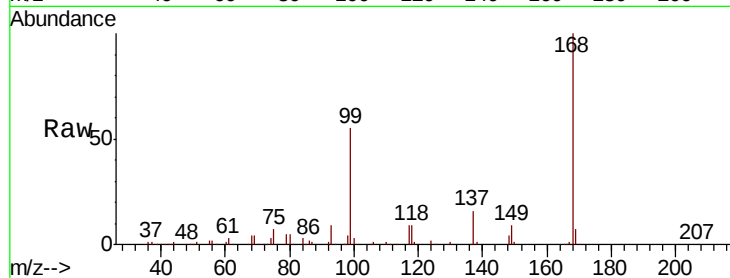
CIY1-SB-03-21.5-22

Tot Ion:168 Resp: 155206

Ion Ratio Lower Upper

168 100

99 55.1 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)

7.80

60000

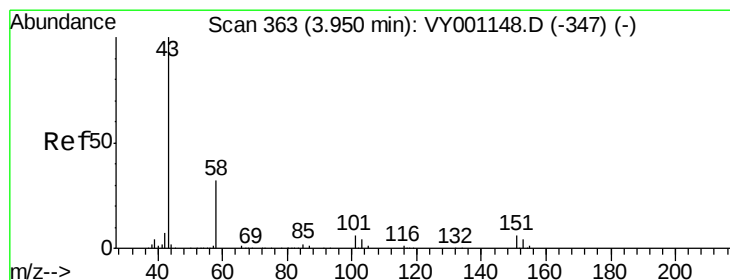
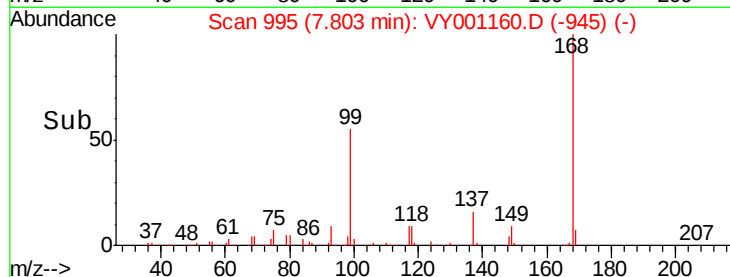
40000

20000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 44.754 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY001160.D

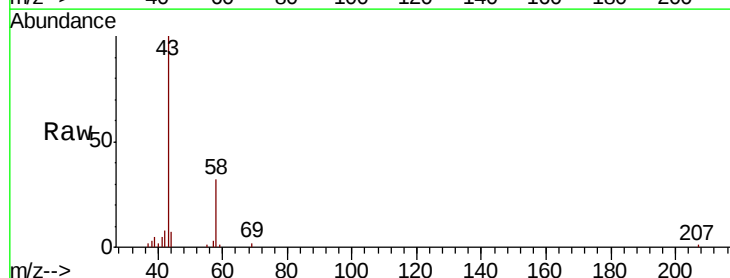
Acq: 10 Jan 2020 20:17

Tgt Ion: 43 Resp: 17038

Ion Ratio Lower Upper

43 100

58 32.7 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY001148.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY001148.D (-347) (-)

3.96

6000

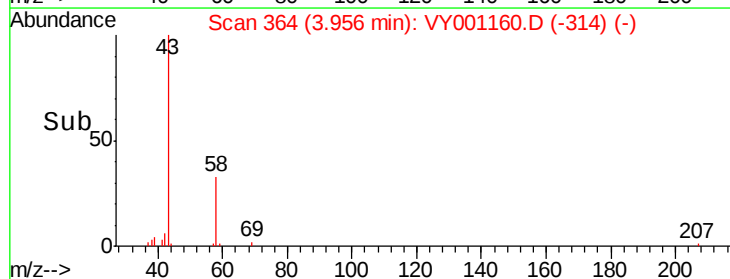
4000

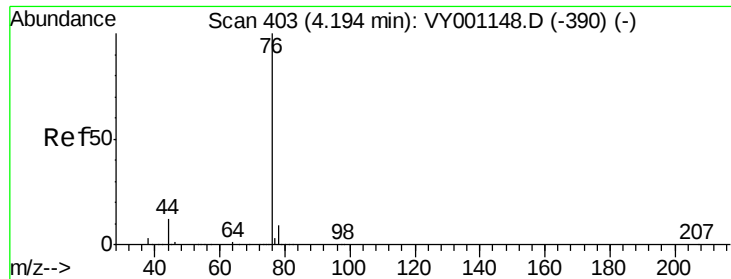
2000

0

3.90 4.00 4.10

Time-->

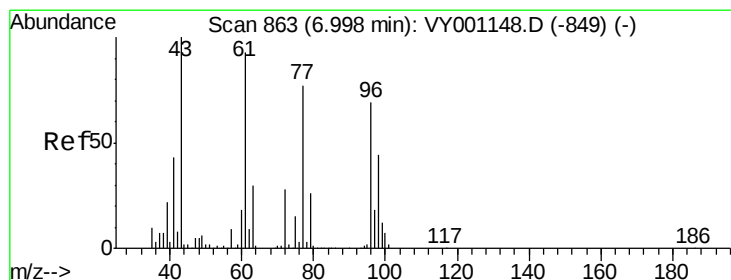
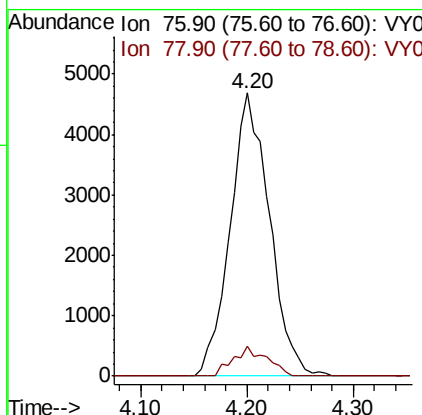
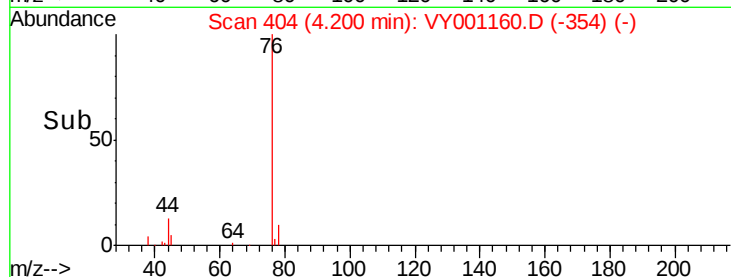
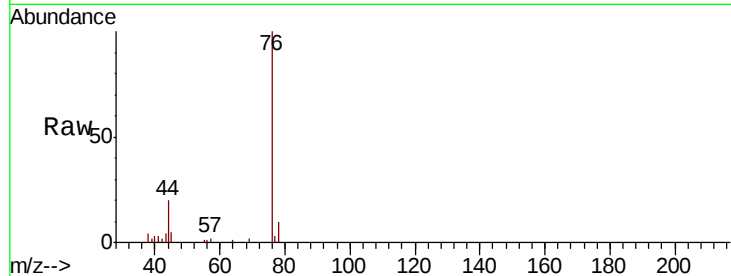




#17
Carbon Disulfide
Concen: 2.362 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY001160.D
Acq: 10 Jan 2020 20:17

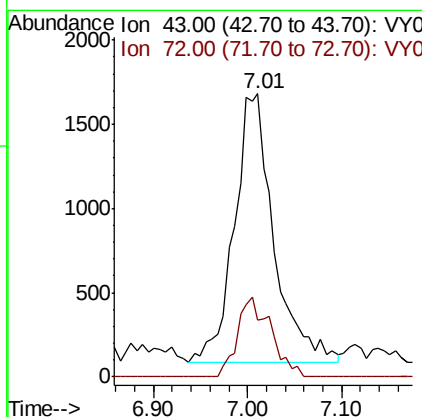
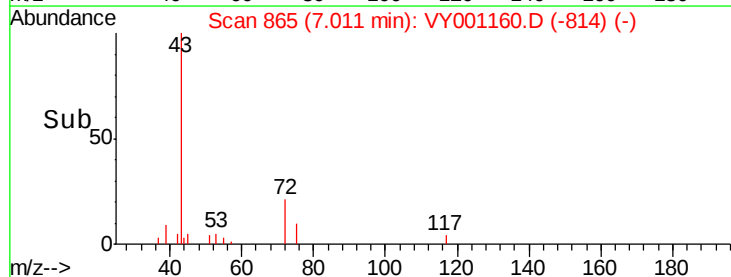
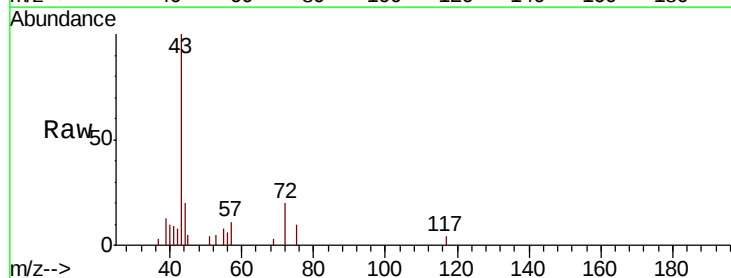
Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-03-21.5-22

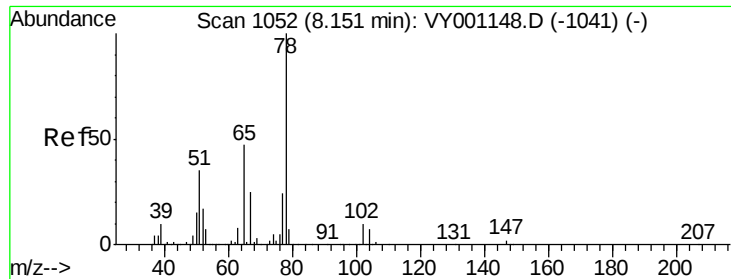
Tot Ion: 76 Resp: 12130
Ion Ratio Lower Upper
76 100
78 10.4 7.2 10.8



#25
2-Butanone
Concen: 7.934 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY001160.D
Acq: 10 Jan 2020 20:17

Tgt Ion: 43 Resp: 4701
Ion Ratio Lower Upper
43 100
72 21.0 22.2 33.2#

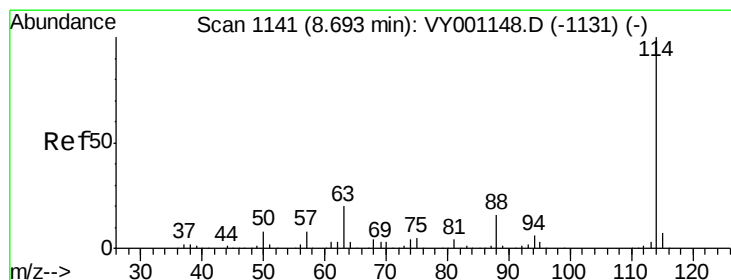
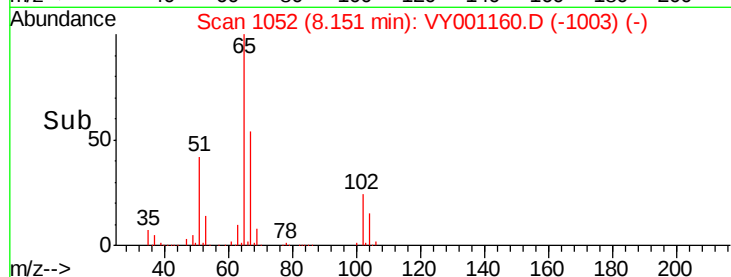
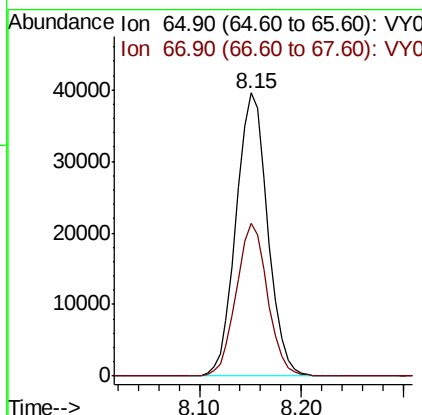
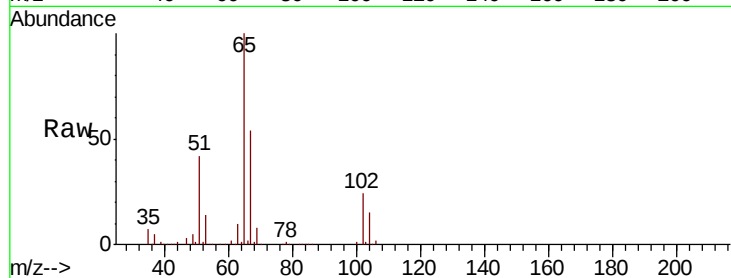




#33
 1,2-Dichloroethane-d4
 Concen: 51.683 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY001160.D
 Acq: 10 Jan 2020 20:17

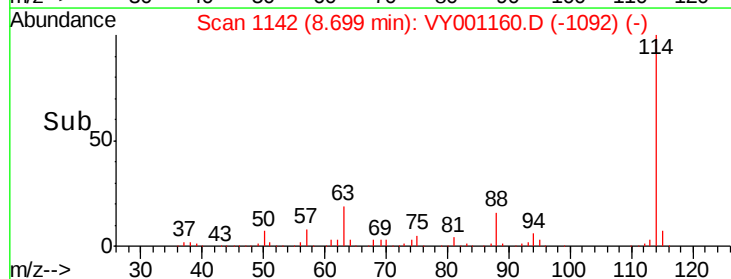
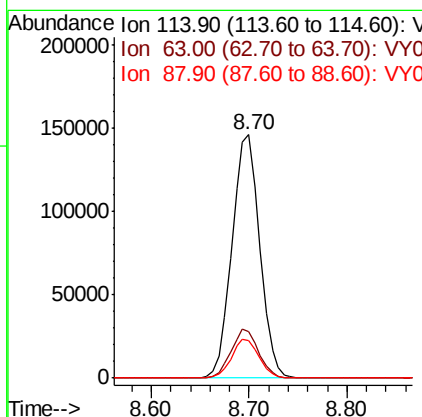
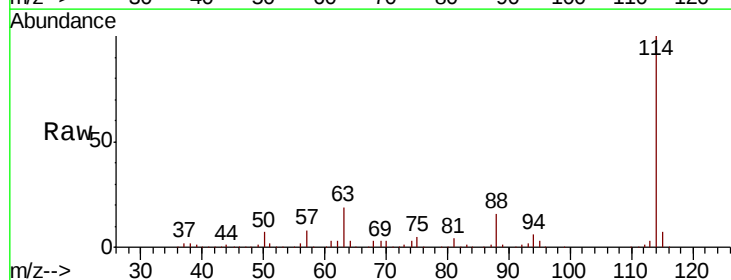
Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-03-21.5-22

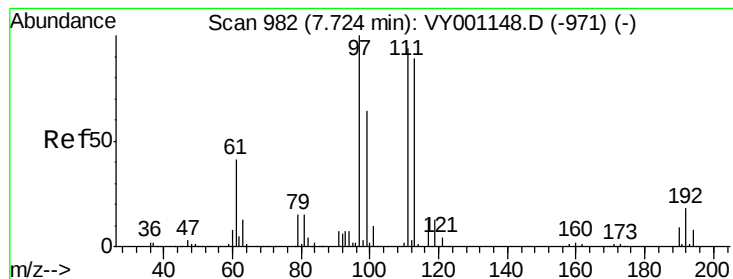
Tot Ion: 65 Resp: 84722
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001160.D
 Acq: 10 Jan 2020 20:17

Tgt Ion: 114 Resp: 286790
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 40.8
 88 15.7 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.443 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001160.D

Acq: 10 Jan 2020 20:17

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-03-21.5-22

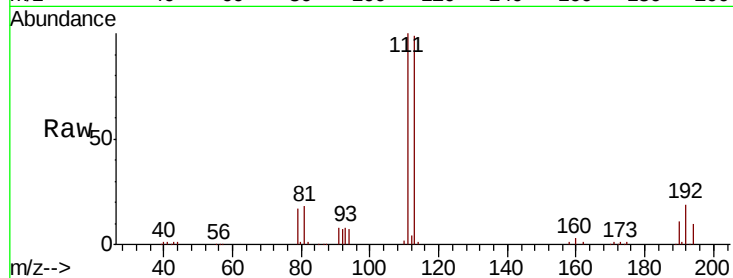
Tot Ion:113 Resp: 84701

Ion Ratio Lower Upper

113 100

111 102.2 82.9 124.3

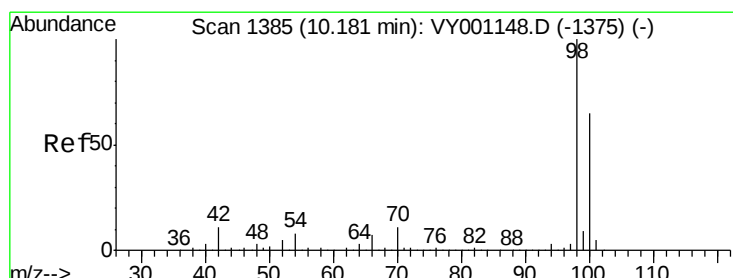
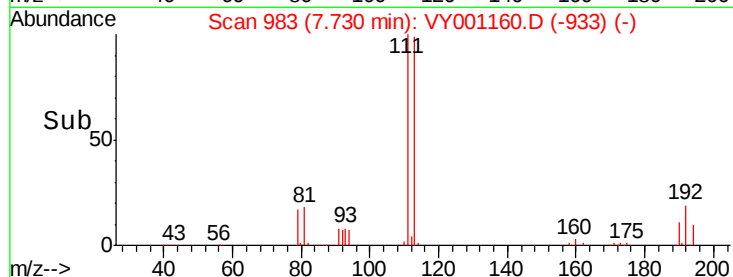
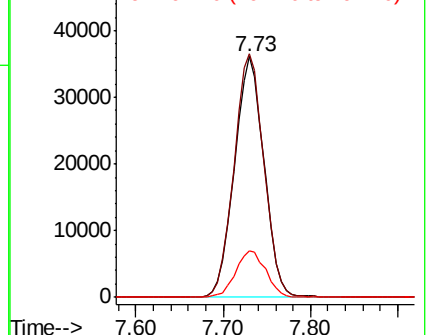
192 19.5 15.4 23.2



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: 52.459 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY001160.D

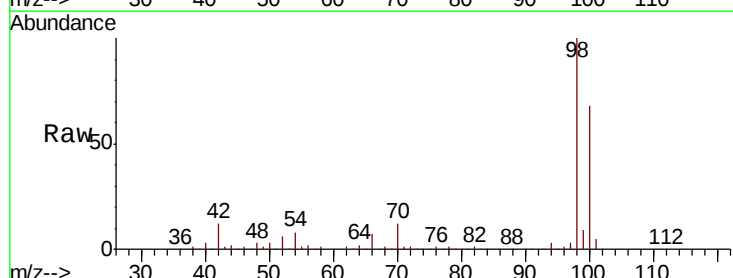
Acq: 10 Jan 2020 20:17

Tgt Ion: 98 Resp: 339408

Ion Ratio Lower Upper

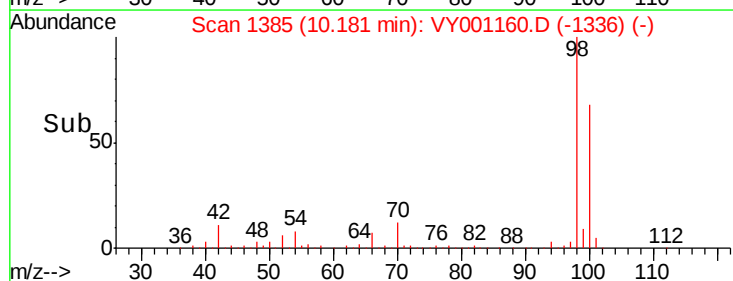
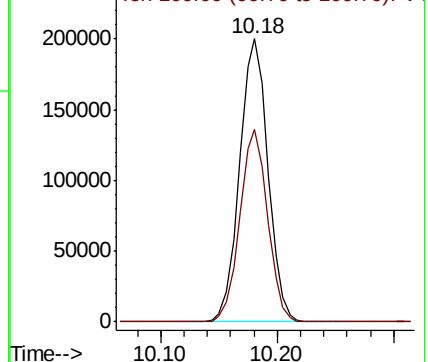
98 100

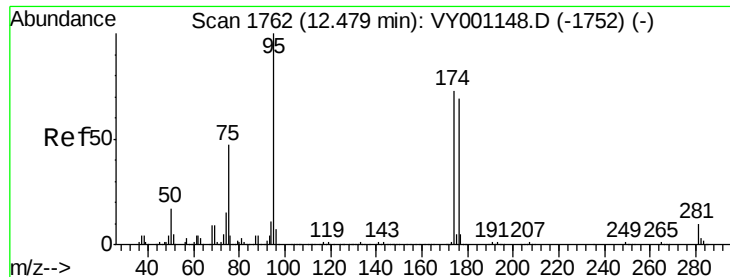
100 66.5 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

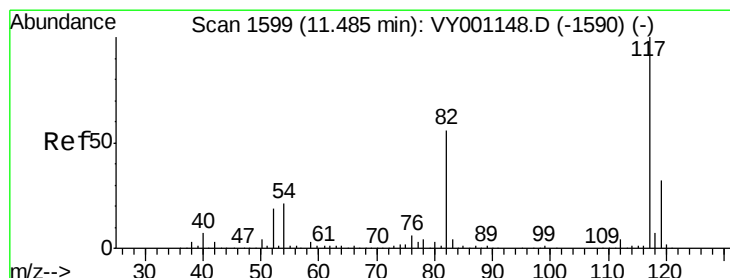
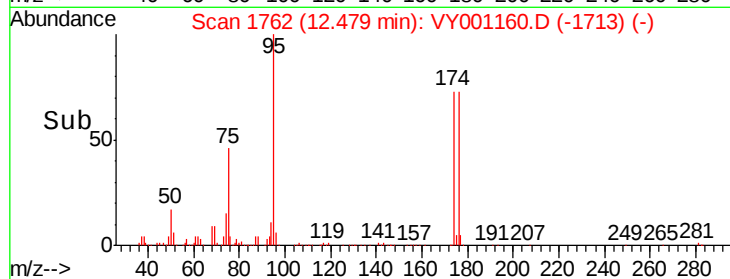
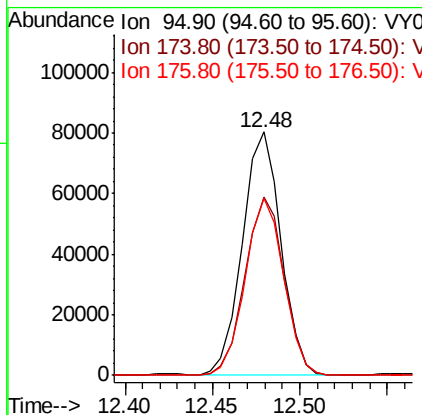
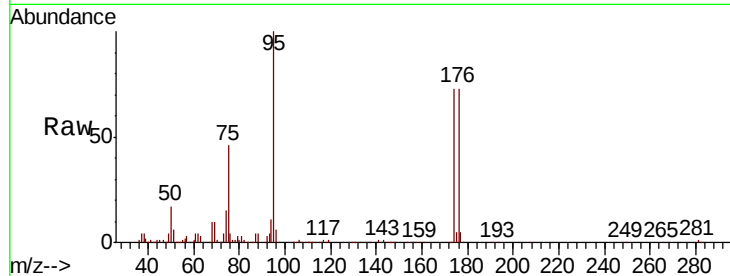




#62
4-Bromofluorobenzene
Concen: 46.365 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY001160.D
Acq: 10 Jan 2020 20:17

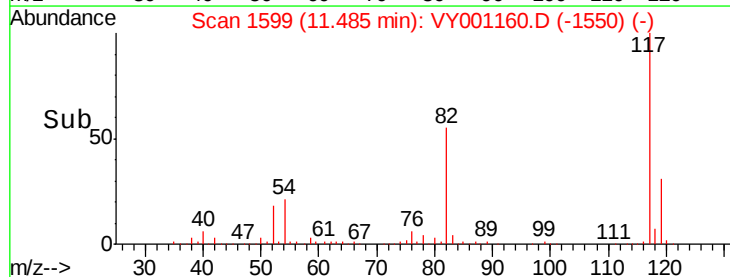
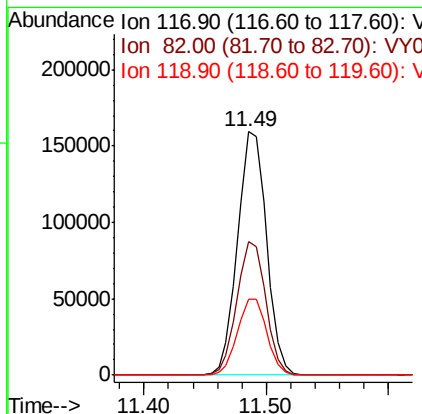
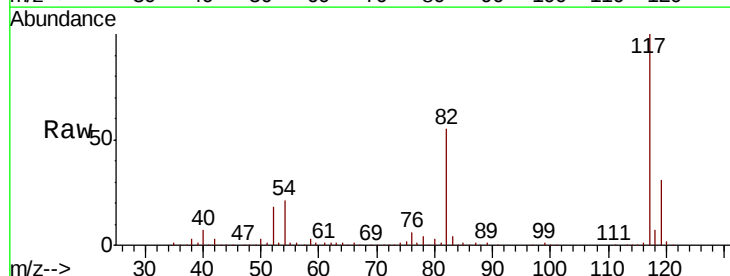
Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-03-21.5-22

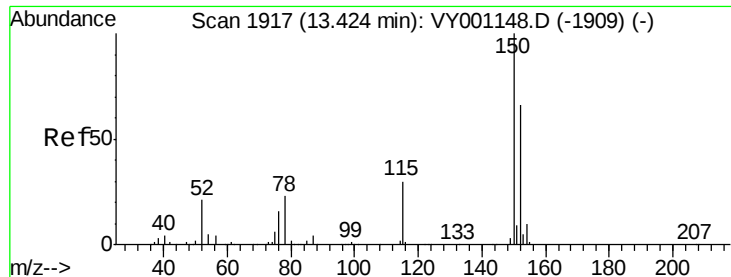
Tot Ion	Ratio	Lower	Upper
95	100		
174	74.6	0.0	143.2
176	72.6	0.0	136.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VY001160.D
Acq: 10 Jan 2020 20:17

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.8	44.9	67.3
119	31.3	25.7	38.5



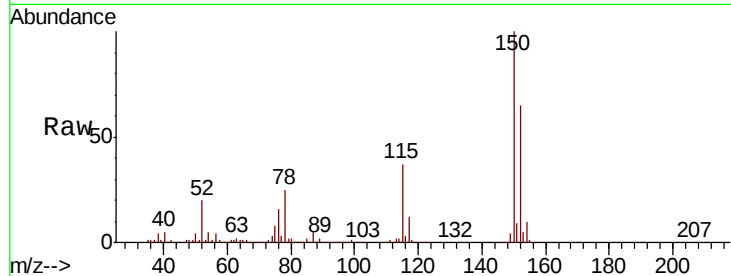


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY001160.D
Acq: 10 Jan 2020 20:17

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-03-21.5-22

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.0	30.9	92.5
150	156.2	0.0	346.8

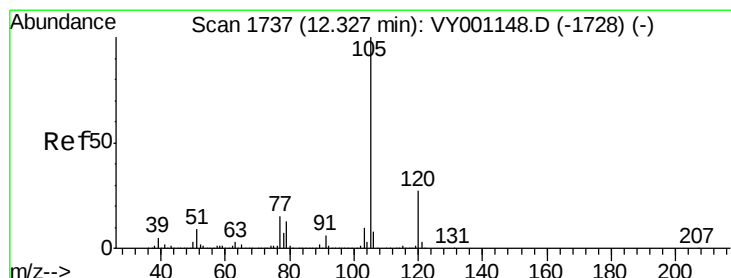
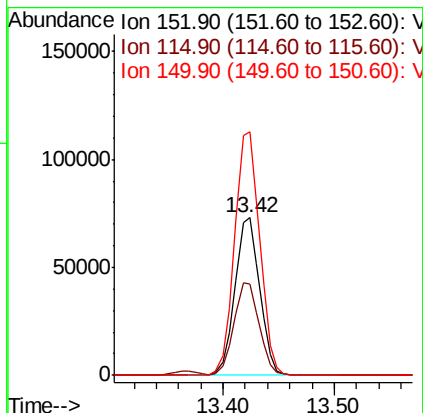
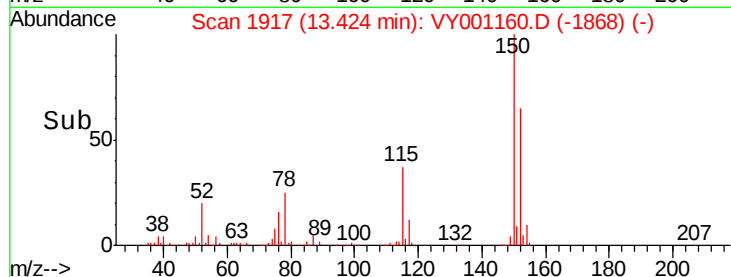


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

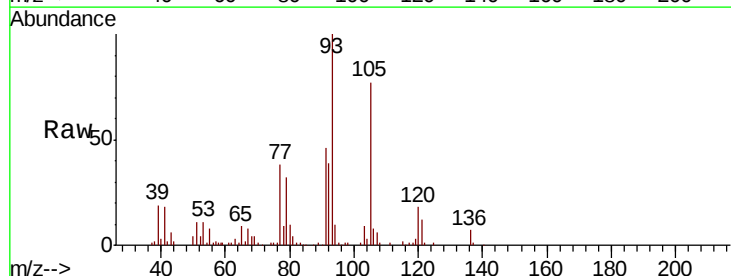
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene
Concen: 2.846 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY001160.D
Acq: 10 Jan 2020 20:17

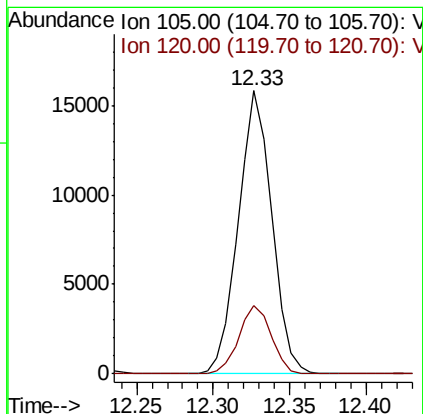
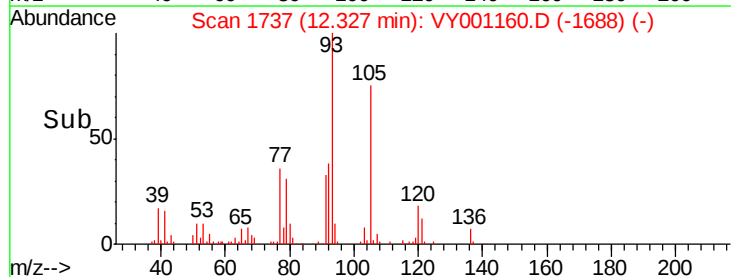
Tgt Ion	Ratio	Lower	Upper
105	100		
120	23.4	13.4	40.2

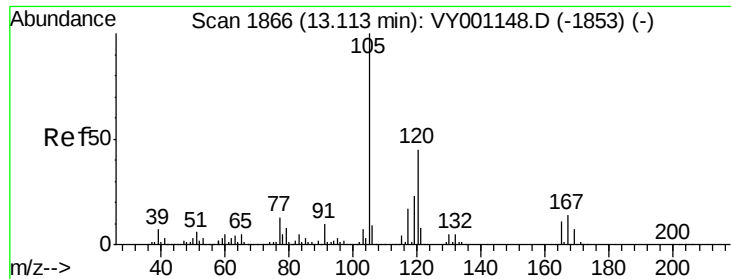


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

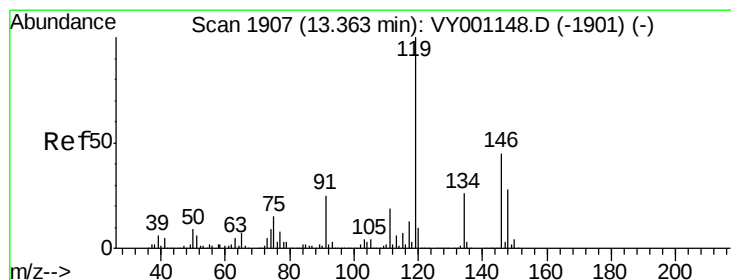
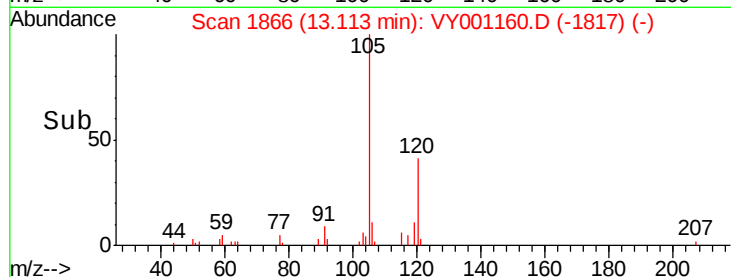
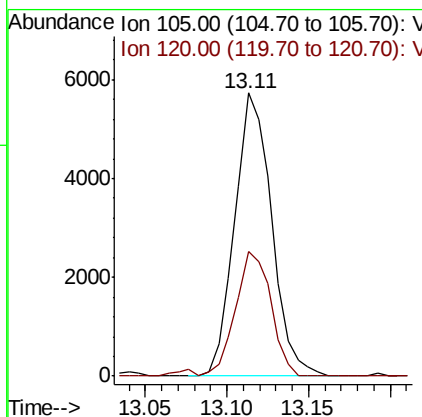
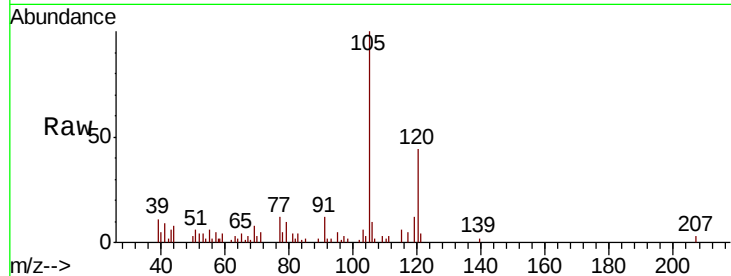




#84
 1,2,4-Trimethylbenzene
 Concen: 1.294 ug/l
 RT: 13.11 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VY001160.D
 Acq: 10 Jan 2020 20:17

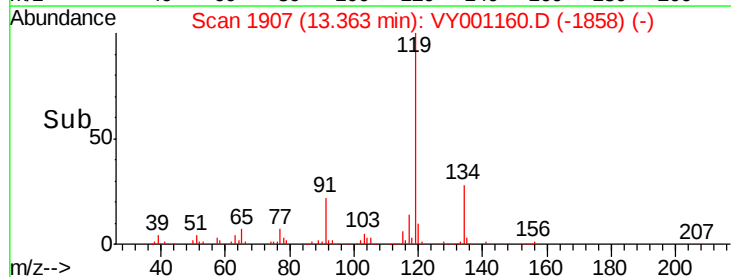
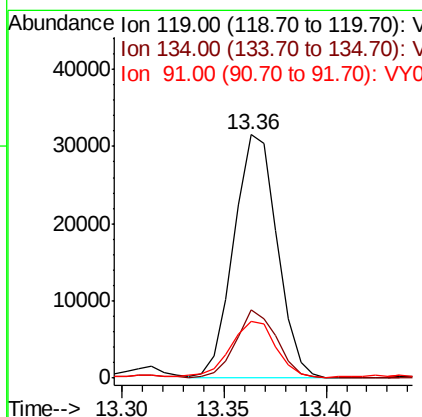
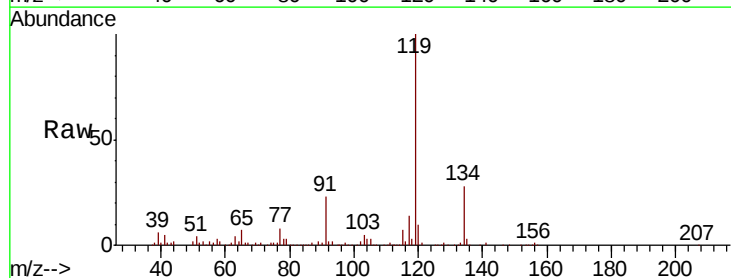
Instrument :
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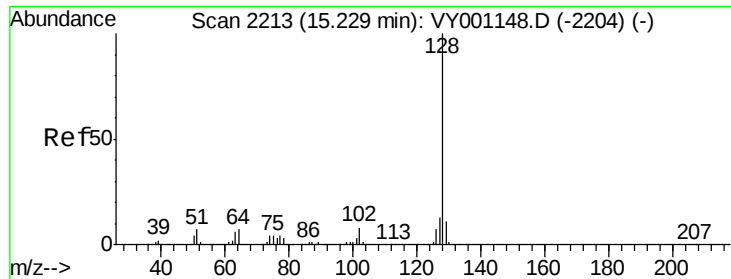
Tot Ion:105 Resp: 9041
 Ion Ratio Lower Upper
 105 100
 120 42.1 22.8 68.3



#86
 p-Isopropyltoluene
 Concen: 6.314 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY001160.D
 Acq: 10 Jan 2020 20:17

Tgt Ion:119 Resp: 46633
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.4 40.2
 91 24.0 12.4 37.2

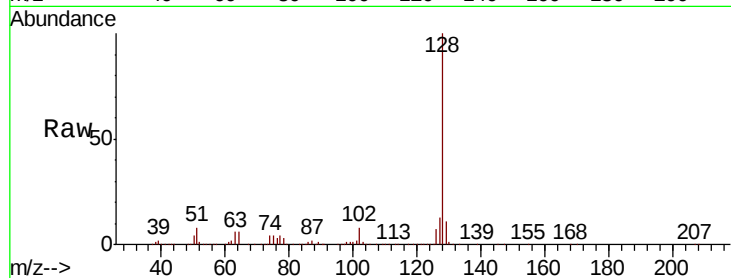




#95
 Naphthalene
 Concen: 90.348 ug/l
 RT: 15.23 min Scan# 2213
 Delta R.T. -0.00 min
 Lab File: VY001160.D
 Acq: 10 Jan 2020 20:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-03-21.5-22

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.4
129	10.9	8.5	12.7



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

