

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021120\
 Data File : VY001605.D
 Acq On : 11 Feb 2020 17:27
 Operator : SY/MD
 Sample : L1488-06RE
 Misc : 5.55G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LF012-TL-SP-200207RE

Quant Time: Feb 12 08:27:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	154993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	280004	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	251495	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	111415	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	95092	60.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.86%	
35) Dibromofluoromethane	7.74	113	82262	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.90%	
50) Toluene-d8	10.19	98	334890	54.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.64%	
62) 4-Bromofluorobenzene	12.49	95	114289	47.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.98%	

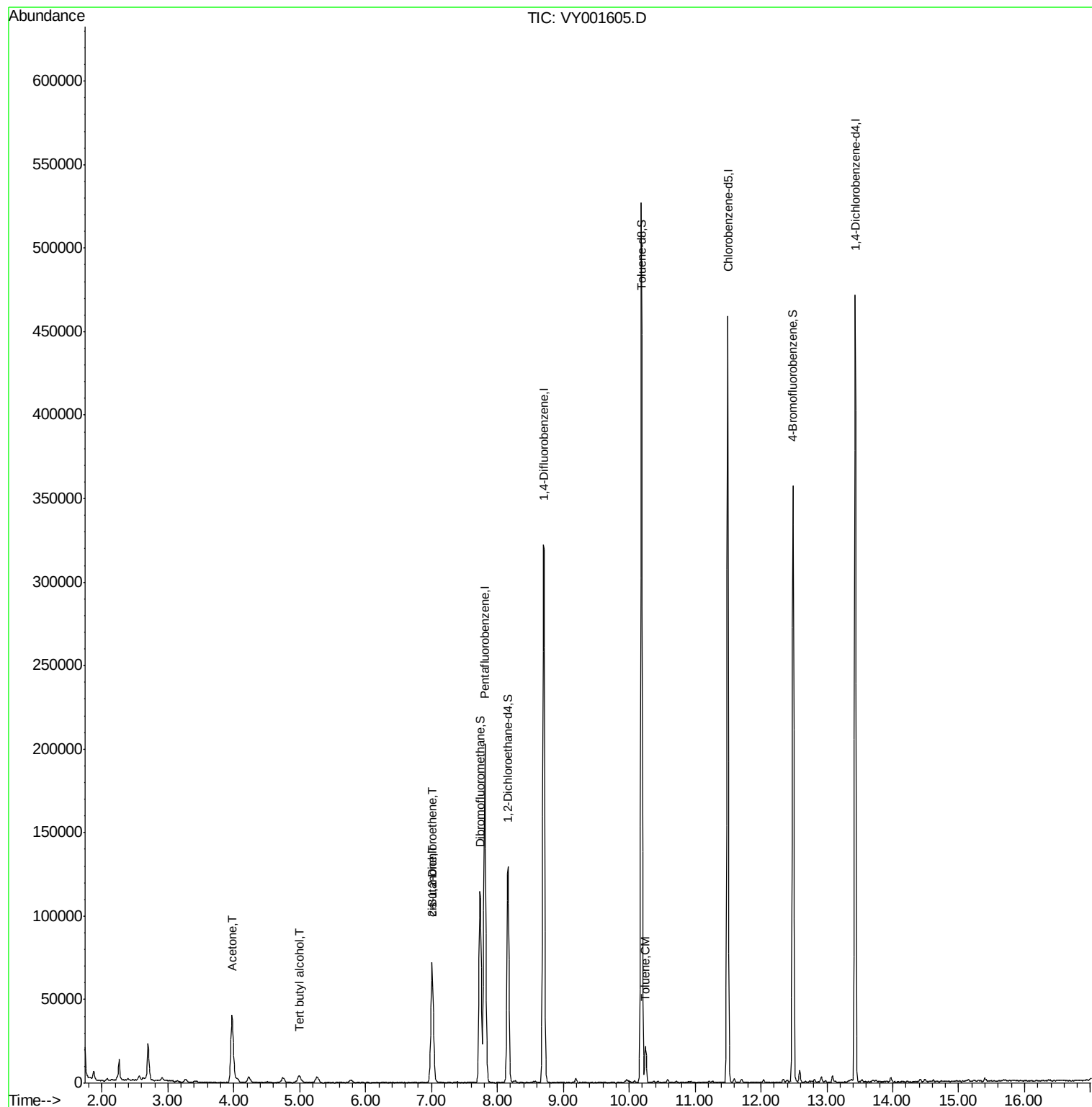
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.99	59	8557	17.283	ug/l	97
16) Acetone	3.97	43	73546	162.926	ug/l	96
25) 2-Butanone	7.02	43	6867	11.726	ug/l	97
27) cis-1,2-Dichloroethene	7.01	96	41062	20.753	ug/l	91
52) Toluene	10.25	92	8920	1.924	ug/l	97

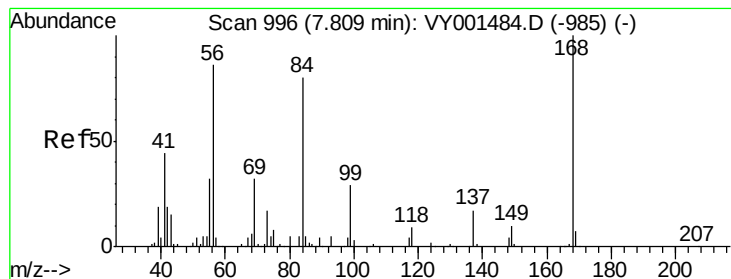
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY021120\
Data File : VY001605.D
Acq On : 11 Feb 2020 17:27
Operator : SY/MD
Sample : L1488-06RE
Misc : 5.55G/5ML/MSVOA Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LF012-TL-SP-200207RE

Quant Time: Feb 12 08:27:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 15:10:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001605.D

Acq: 11 Feb 2020 17:27

Instrument :

MSVOA_Y

ClientSampleId :

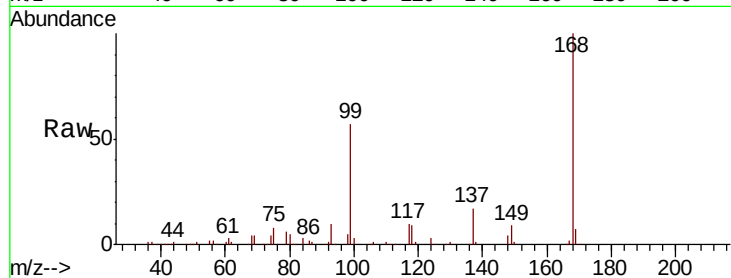
LF012-TL-SP-200207RE

Tot Ion:168 Resp: 154993

Ion Ratio Lower Upper

168 100

99 56.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001605.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001605.D (-947) (-)

7.81

60000

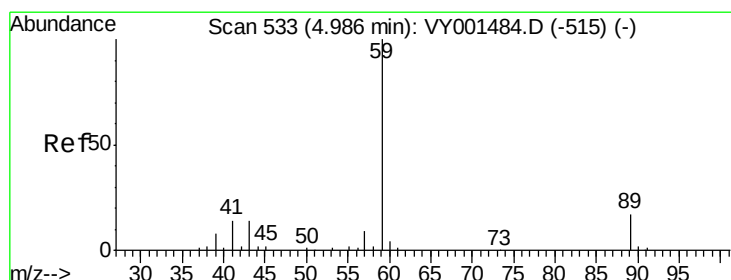
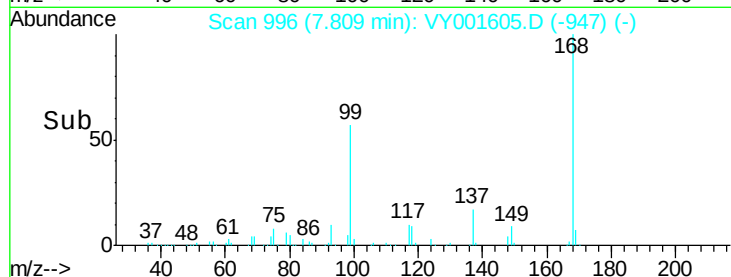
40000

20000

0

7.70 7.80 7.90

Time-->



#11

Tert butyl alcohol

Concen: 17.283 ug/l

RT: 4.99 min Scan# 534

Delta R.T. 0.01 min

Lab File: VY001605.D

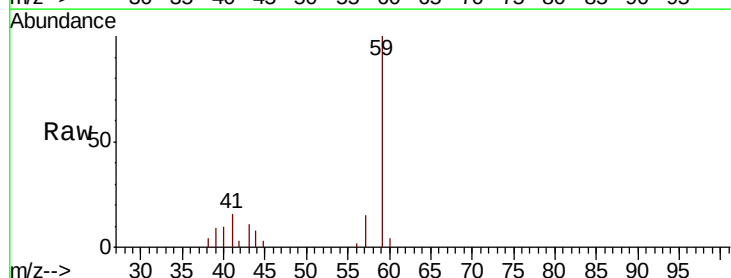
Acq: 11 Feb 2020 17:27

Tgt Ion: 59 Resp: 8557

Ion Ratio Lower Upper

59 100

57 9.9 7.0 10.6



Abundance Ion 59.00 (58.70 to 59.70): VY001605.D (-484) (-)

Ion 57.00 (56.70 to 57.70): VY001605.D (-484) (-)

4.99

2500

2000

1500

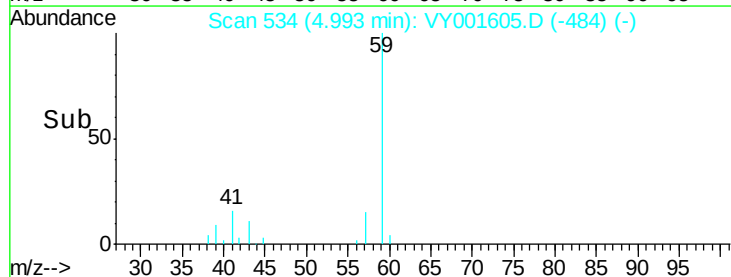
1000

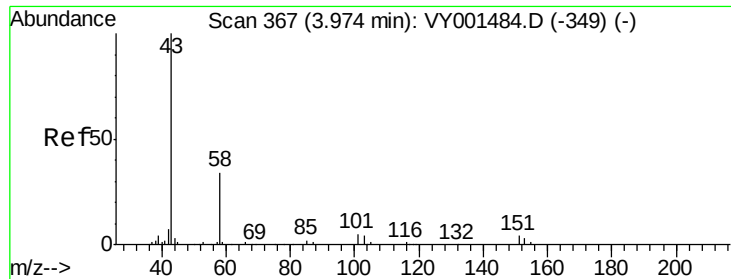
500

0

4.90 5.00 5.10

Time-->

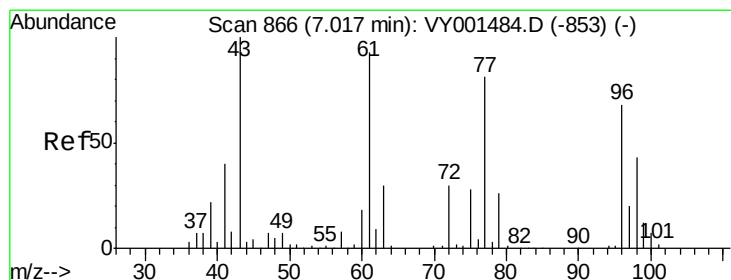
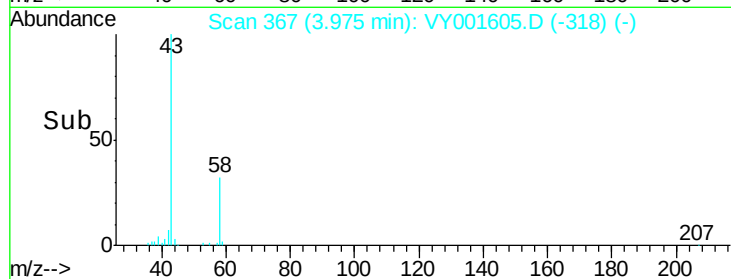
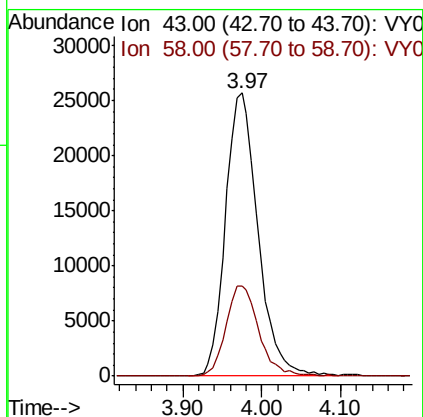
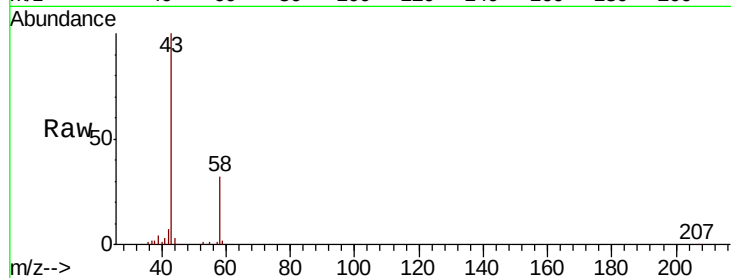




#16
Acetone
Concen: 162.926 ug/l
RT: 3.97 min Scan# 367
Delta R.T. 0.00 min
Lab File: VY001605.D
Acq: 11 Feb 2020 17:27

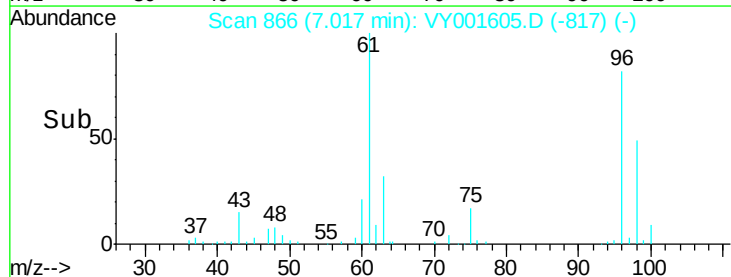
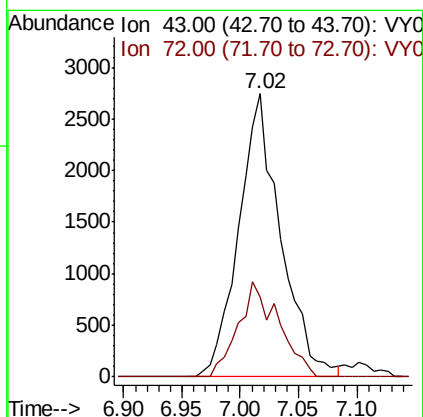
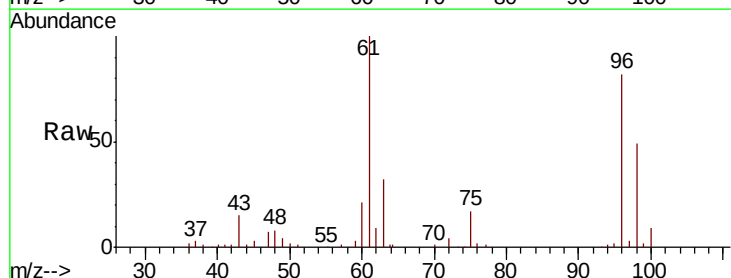
Instrument :
MSVOA_Y
ClientSampleId :
LF012-TL-SP-200207RE

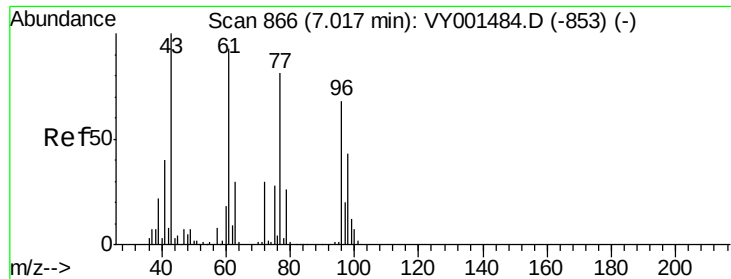
Tot Ion: 43 Resp: 73546
Ion Ratio Lower Upper
43 100
58 31.8 27.5 41.3



#25
2-Butanone
Concen: 11.726 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY001605.D
Acq: 11 Feb 2020 17:27

Tgt Ion: 43 Resp: 6867
Ion Ratio Lower Upper
43 100
72 28.3 23.8 35.8



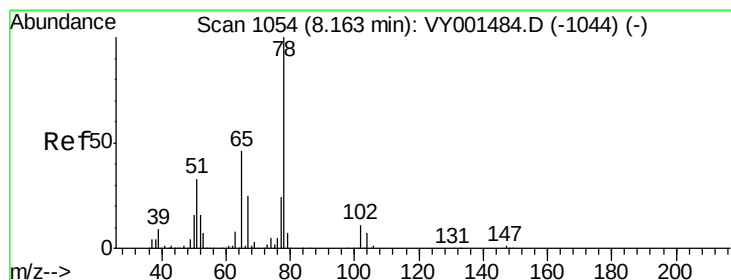
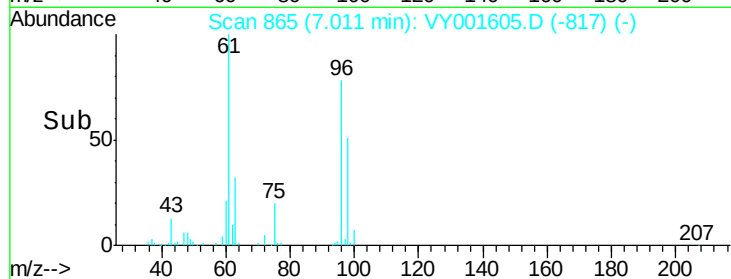
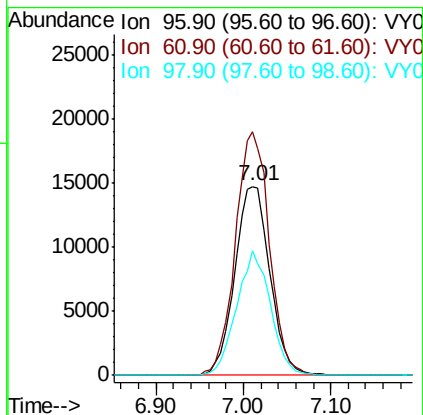
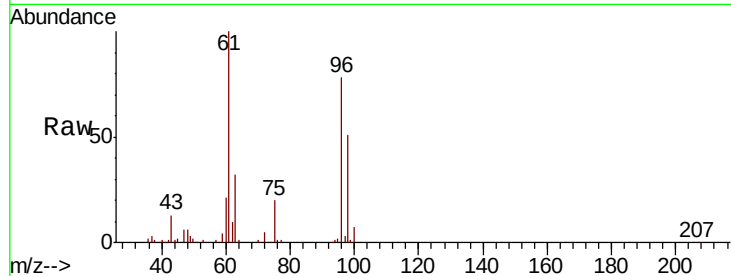


#27

cis-1,2-Dichloroethene
 Concen: 20.753 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: VY001605.D
 Acq: 11 Feb 2020 17:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 LF012-TL-SP-200207RE

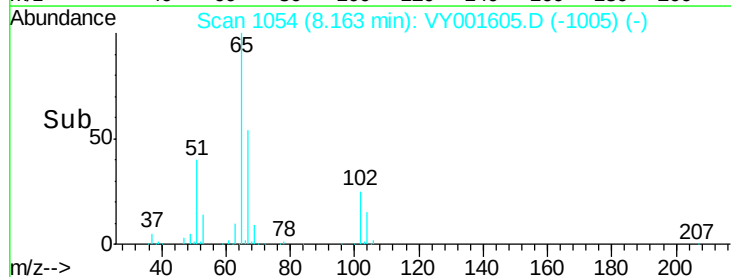
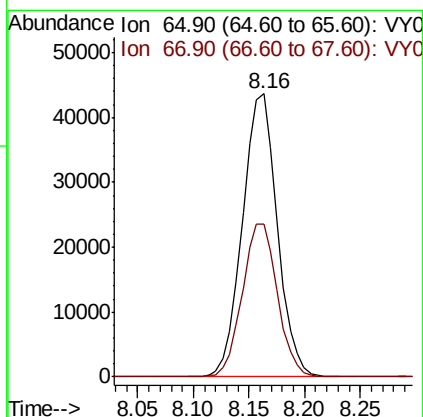
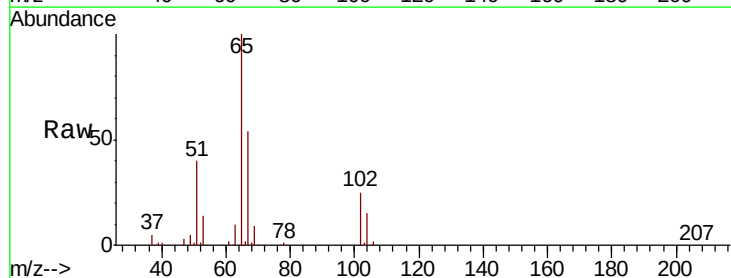
Tot Ion	96	Resp	41062
Ion	Ratio	Lower	Upper
96	100		
61	124.7	0.0	278.8
98	63.4	0.0	128.8

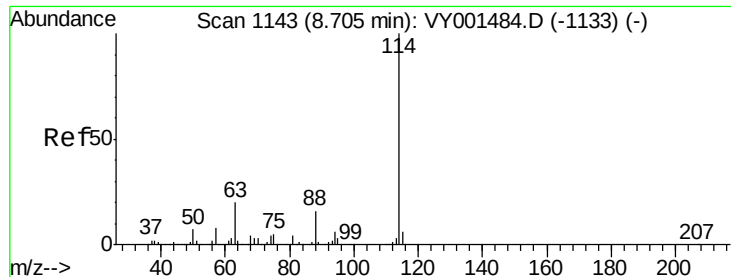


#33

1,2-Dichloroethane-d4
 Concen: 60.935 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VY001605.D
 Acq: 11 Feb 2020 17:27

Tgt Ion	65	Resp	95092
Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	108.6

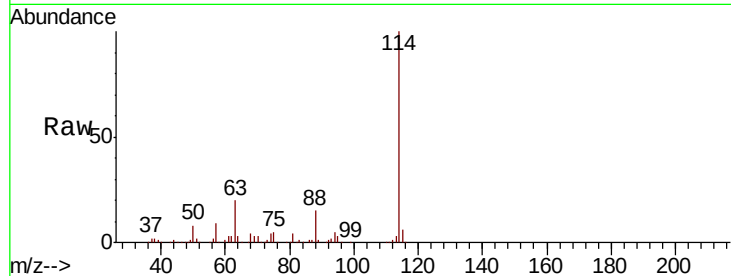




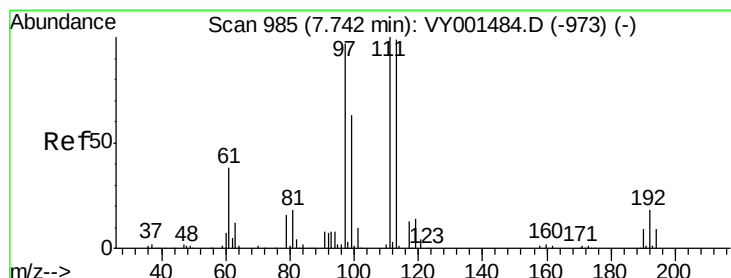
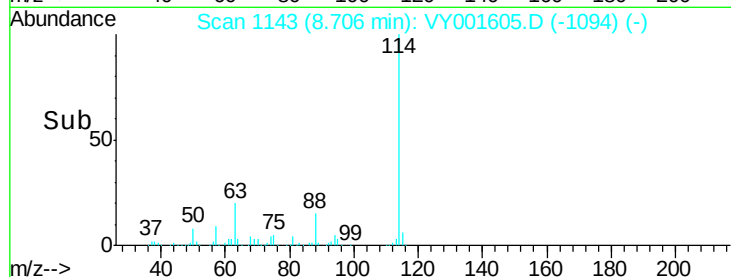
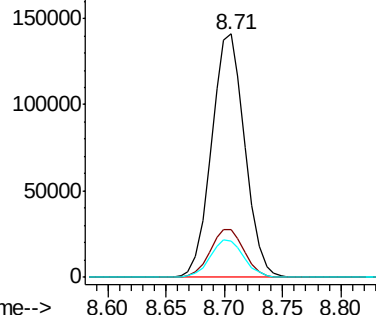
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY001605.D
 Acq: 11 Feb 2020 17:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 LF012-TL-SP-200207RE

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.8
88	14.9	0.0	32.6

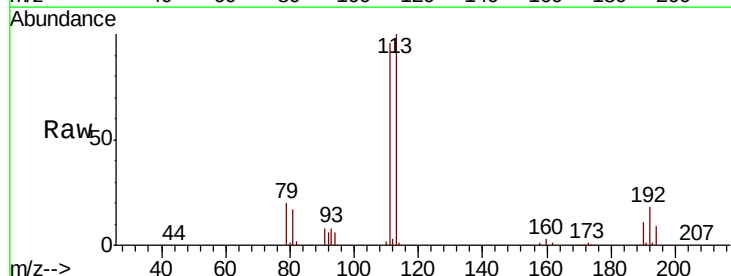


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

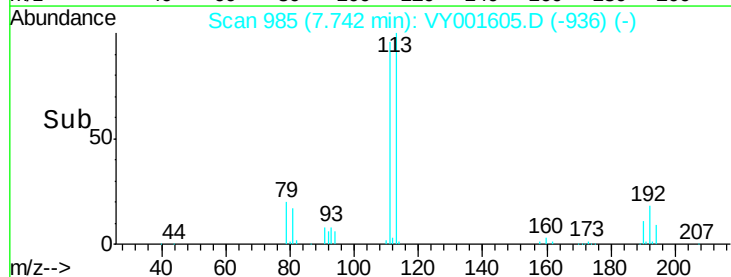
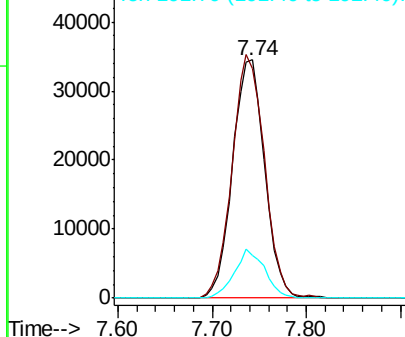


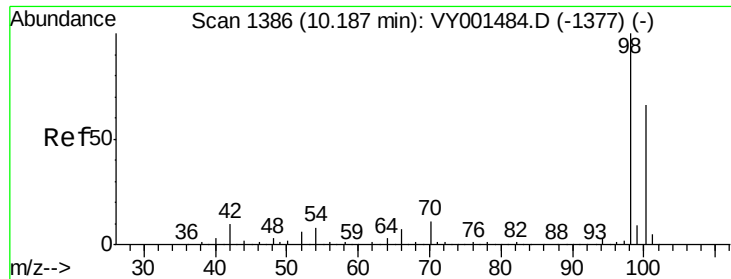
#35
 Dibromofluoromethane
 Concen: 50.948 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: VY001605.D
 Acq: 11 Feb 2020 17:27

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.9	124.3
192	19.3	14.6	22.0



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: 54.820 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY001605.D

Acq: 11 Feb 2020 17:27

Instrument :

MSVOA_Y

ClientSampleId :

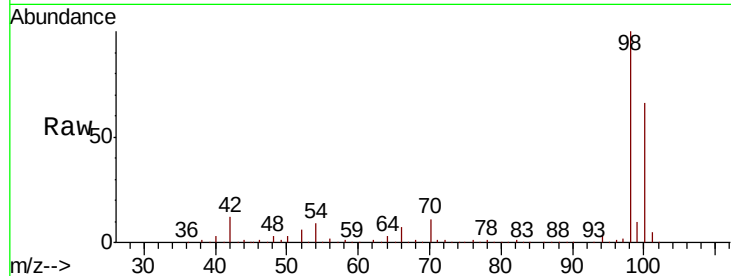
LF012-TL-SP-200207RE

Tot Ion: 98 Resp: 334890

Ion Ratio Lower Upper

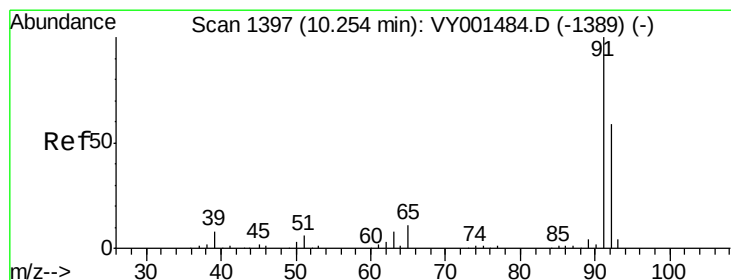
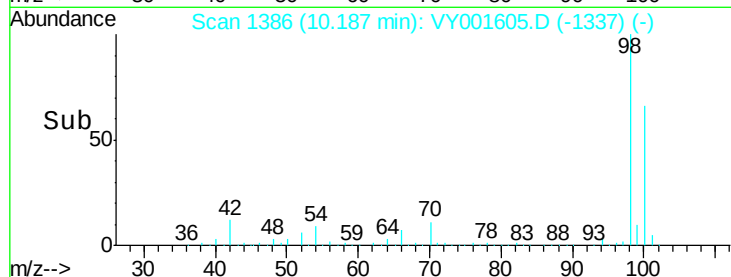
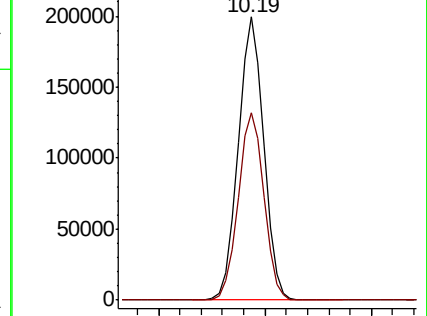
98 100

100 66.6 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#52

Toluene

Concen: 1.924 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VY001605.D

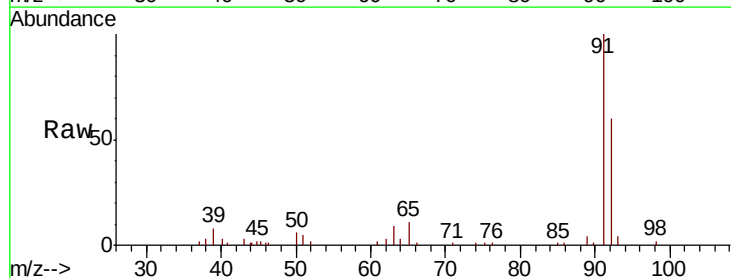
Acq: 11 Feb 2020 17:27

Tgt Ion: 92 Resp: 8920

Ion Ratio Lower Upper

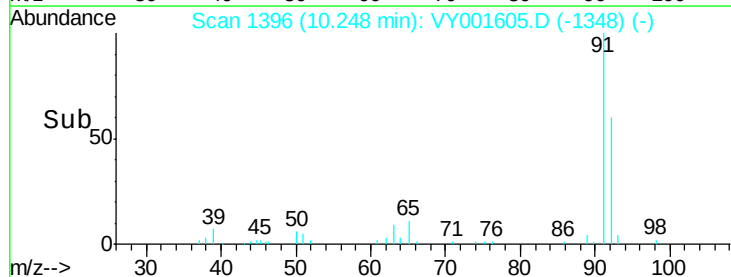
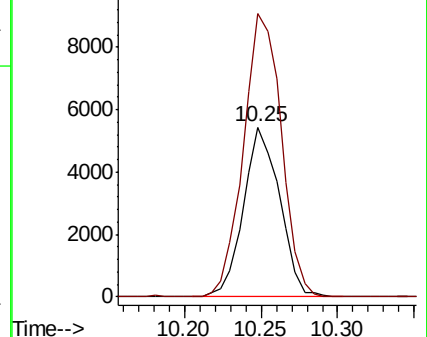
92 100

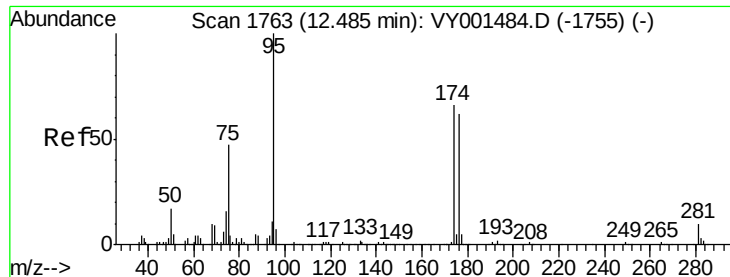
91 175.1 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

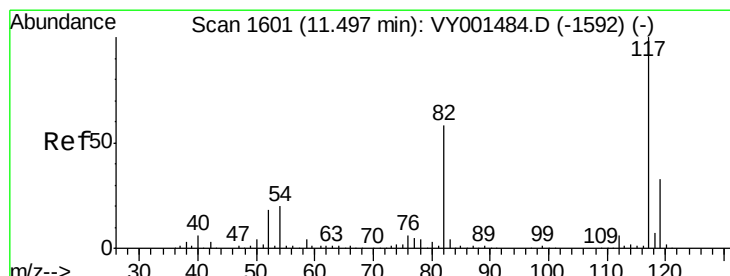
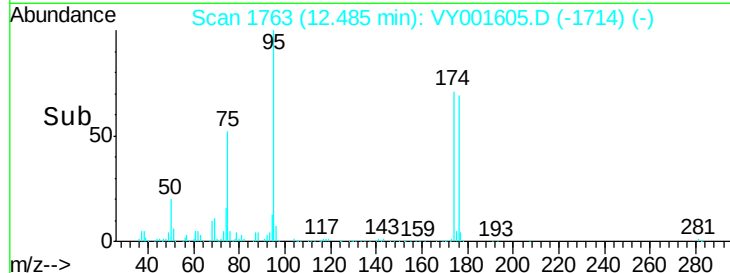
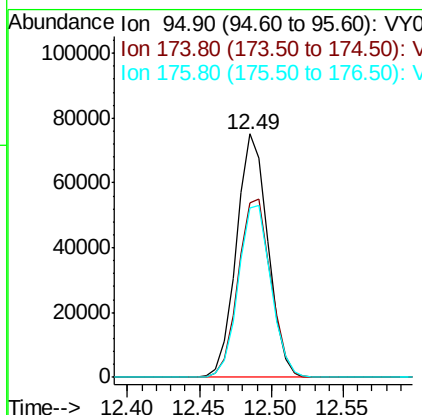
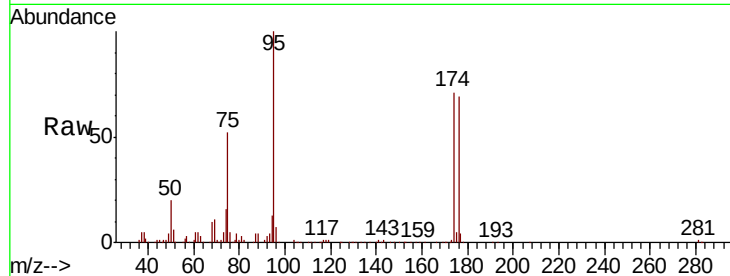




#62
4-Bromofluorobenzene
Concen: 47.491 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VY001605.D
Acq: 11 Feb 2020 17:27

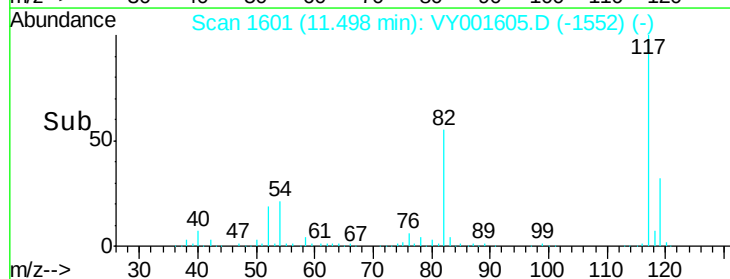
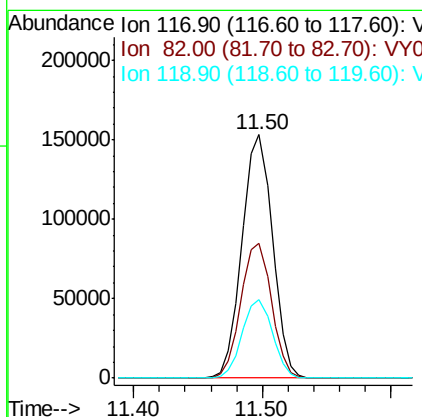
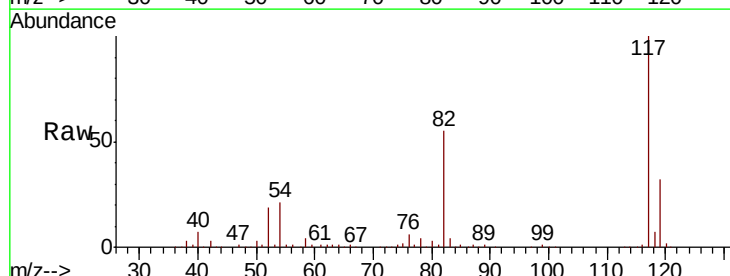
Instrument :
MSVOA_Y
ClientSampleId :
LF012-TL-SP-200207RE

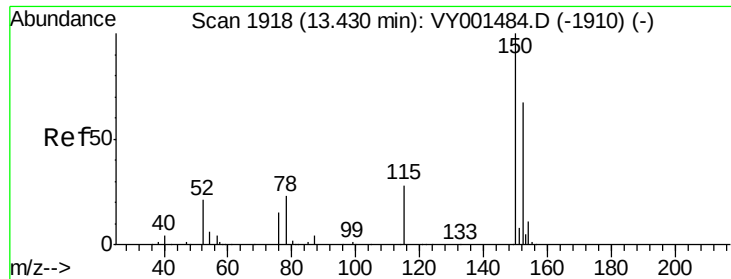
Tot Ion	95	Resp	114289
Ion Ratio	Lower	Upper	
95	100		
174	75.9	0.0	141.4
176	72.6	0.0	135.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY001605.D
Acq: 11 Feb 2020 17:27

Tgt Ion	117	Resp	251495
Ion Ratio	Lower	Upper	
117	100		
82	55.1	46.1	69.1
119	32.1	26.1	39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY001605.D

Acq: 11 Feb 2020 17:27

Instrument :

MSVOA_Y

ClientSampleId :

LF012-TL-SP-200207RE

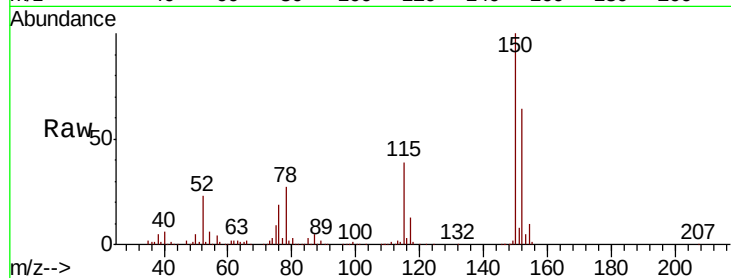
Tot Ion:152 Resp: 111415

Ion Ratio Lower Upper

152 100

115 60.6 31.4 94.3

150 157.8 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

