

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020520\
 Data File : VY001503.D
 Acq On : 05 Feb 2020 13:51
 Operator : SY/MD
 Sample : L1360-01
 Misc : 15.24G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Feb 05 18:16:43 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

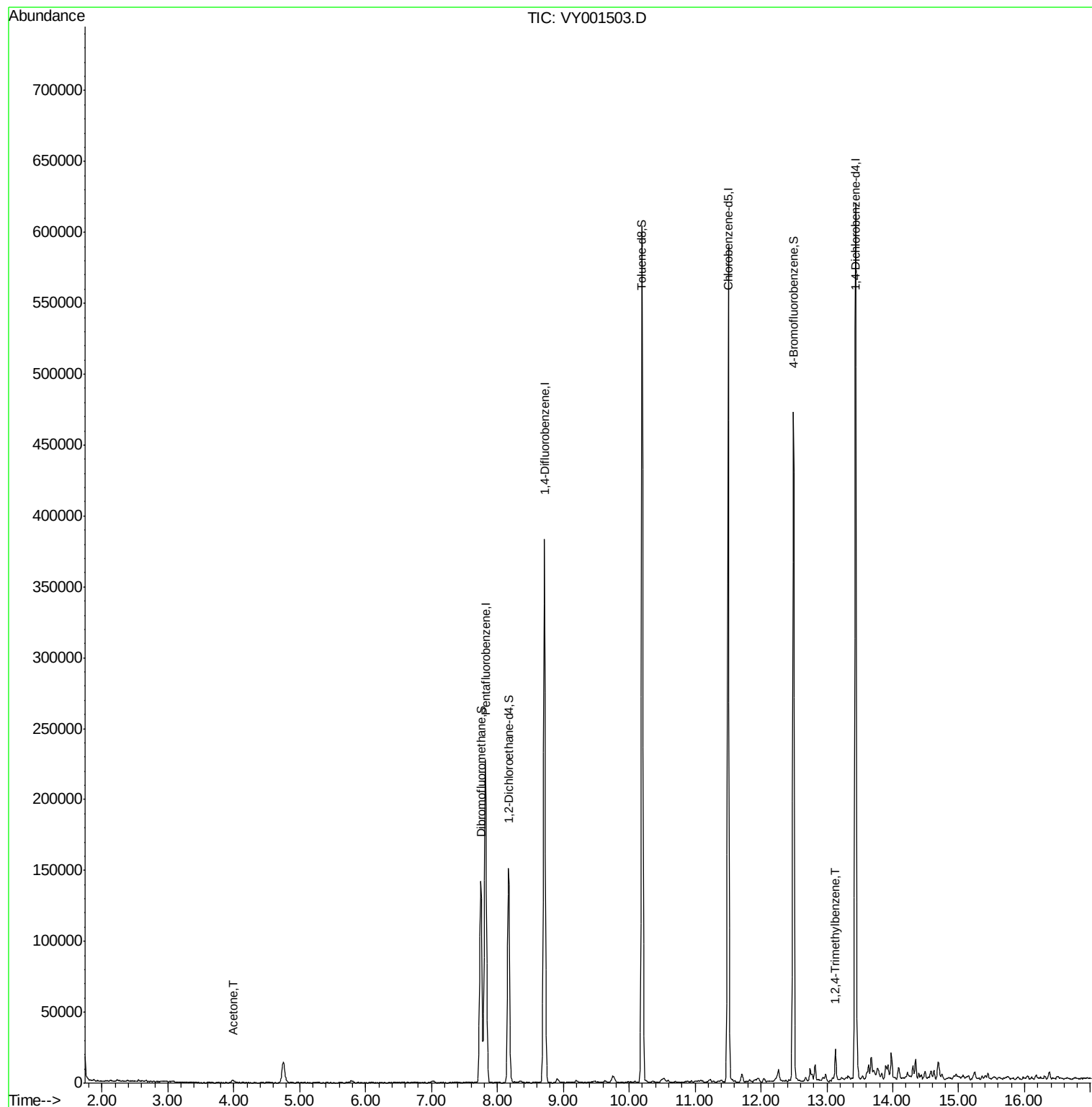
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	177983	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	334678	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	312492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	149017	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	114463	63.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.74%	
35) Dibromofluoromethane	7.75	113	103434	53.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.20%	
50) Toluene-d8	10.19	98	404011	55.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.66%	
62) 4-Bromofluorobenzene	12.49	95	162439	56.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.94%	
Target Compounds						
16) Acetone	3.98	43	3395	6.549	ug/l	96
84) 1,2,4-Trimethylbenzene	13.13	105	11617	1.226	ug/l	97

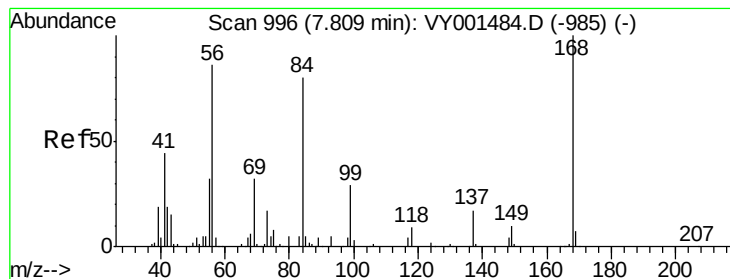
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001503.D

Acq: 05 Feb 2020 13:51

Instrument :

MSVOA_Y

ClientSampled :

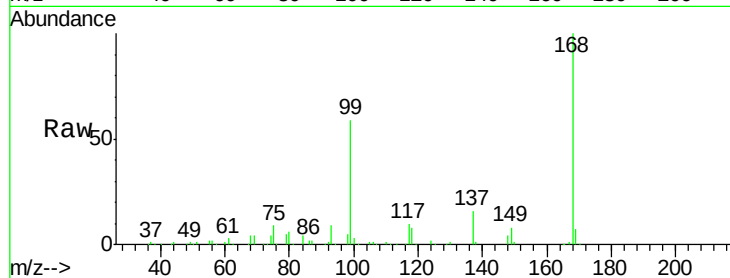
TP-1

Tot Ion:168 Resp: 177983

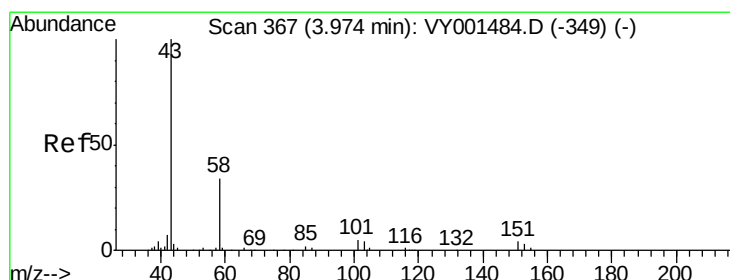
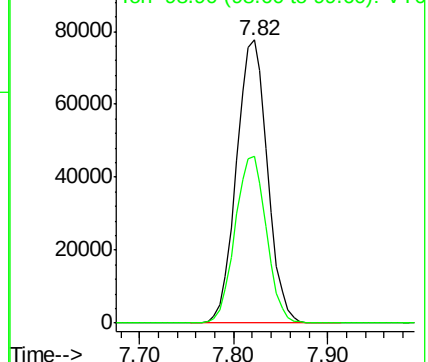
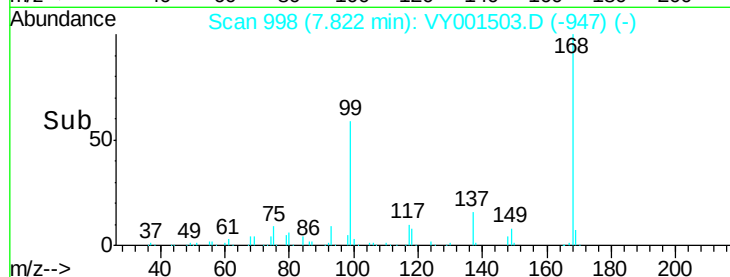
Ion Ratio Lower Upper

168 100

99 58.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001503.D (-947) (-)



#16

Acetone

Concen: 6.549 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY001503.D

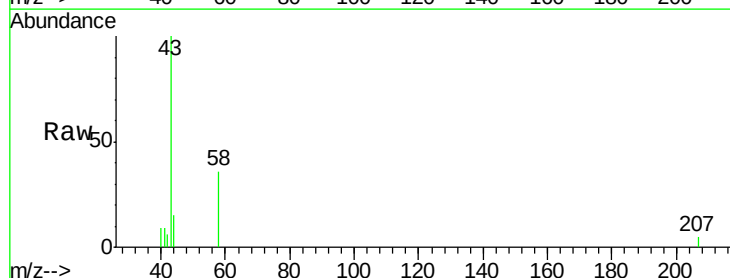
Acq: 05 Feb 2020 13:51

Tgt Ion: 43 Resp: 3395

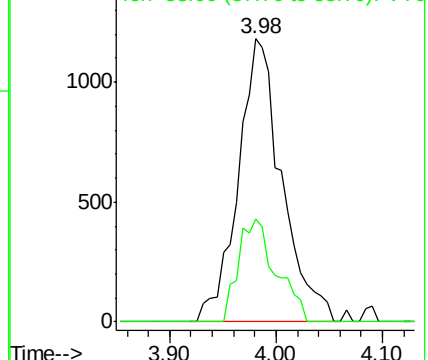
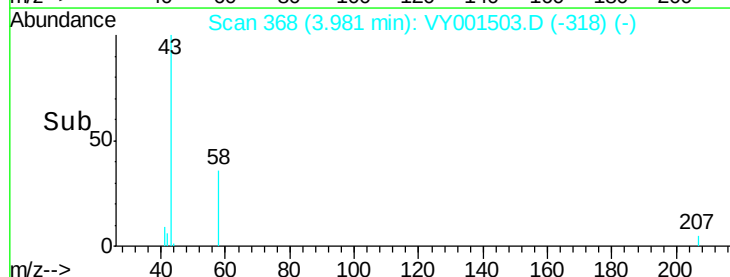
Ion Ratio Lower Upper

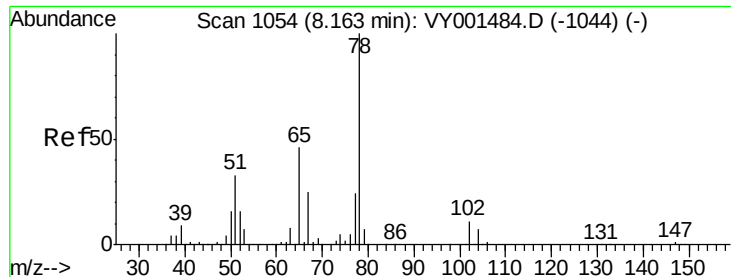
43 100

58 36.5 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VY001503.D (-318) (-)

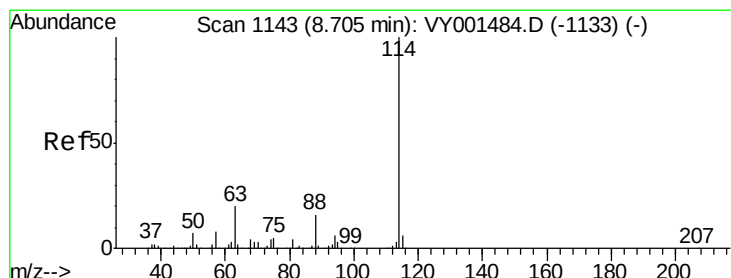
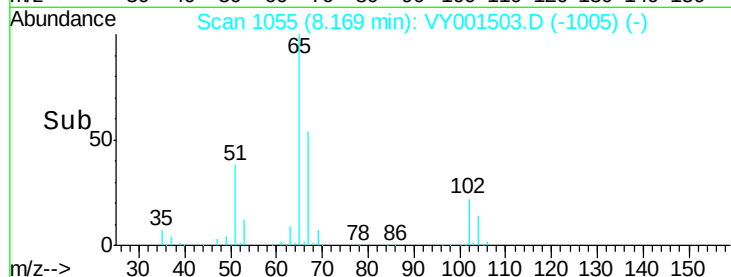
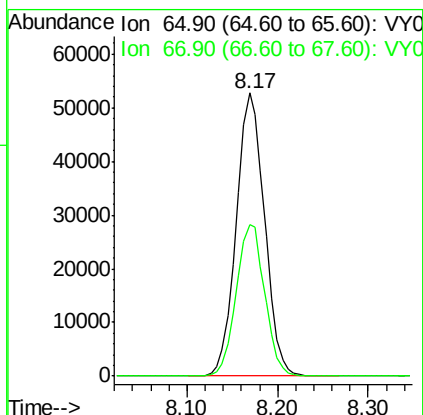
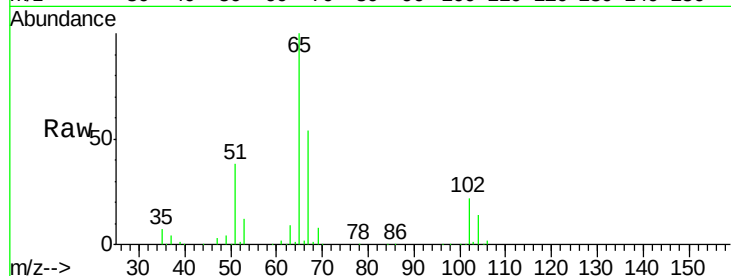




#33
 1,2-Dichloroethane-d4
 Concen: 63.873 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: VY001503.D
 Acq: 05 Feb 2020 13:51

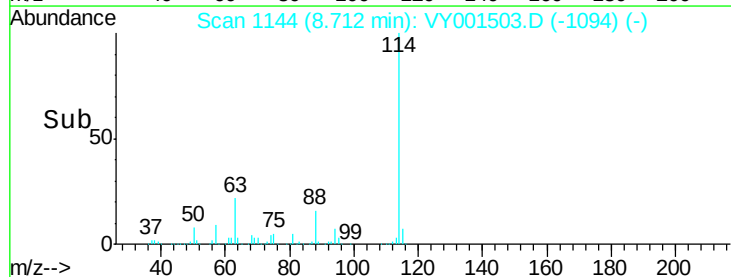
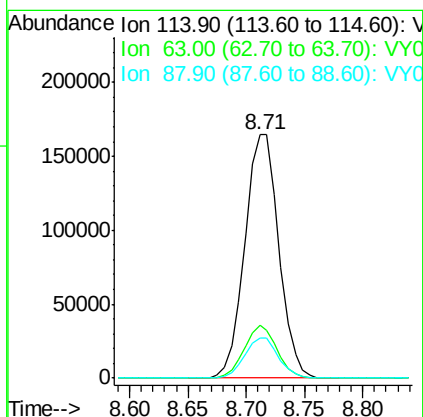
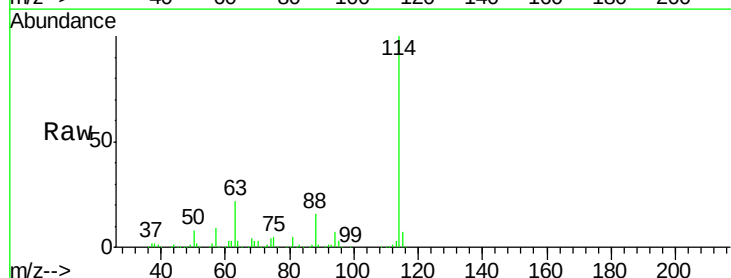
Instrument :
 MSVOA_Y
 ClientSampled :
 TP-1

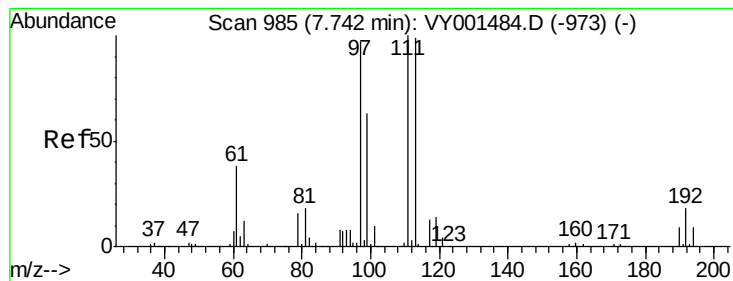
Tot Ion: 65 Resp: 114463
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY001503.D
 Acq: 05 Feb 2020 13:51

Tgt Ion: 114 Resp: 334678
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 39.8
 88 16.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.595 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY001503.D

Acq: 05 Feb 2020 13:51

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

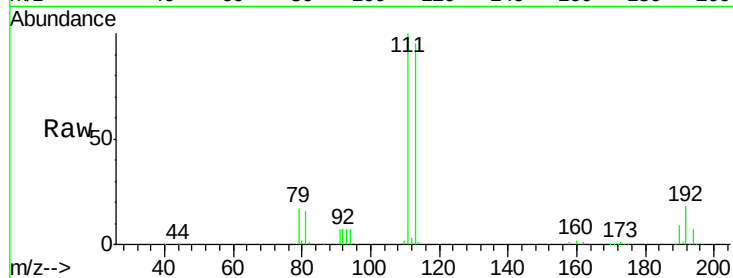
Tot Ion:113 Resp: 103434

Ion Ratio Lower Upper

113 100

111 103.0 82.9 124.3

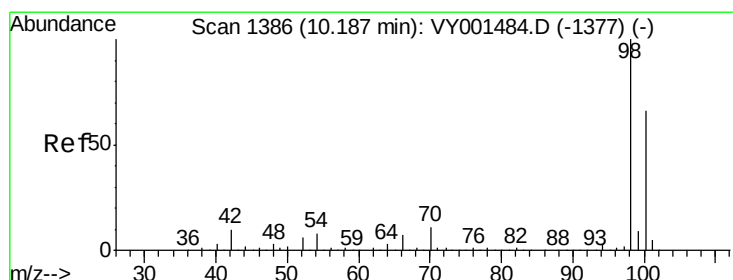
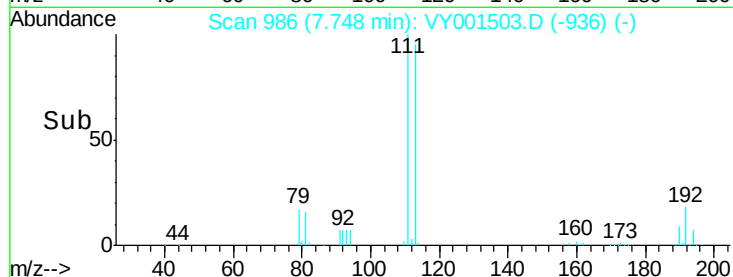
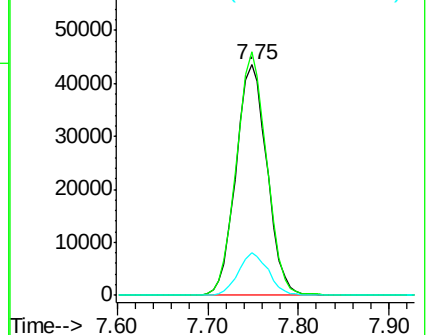
192 17.9 14.6 22.0



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: 55.331 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001503.D

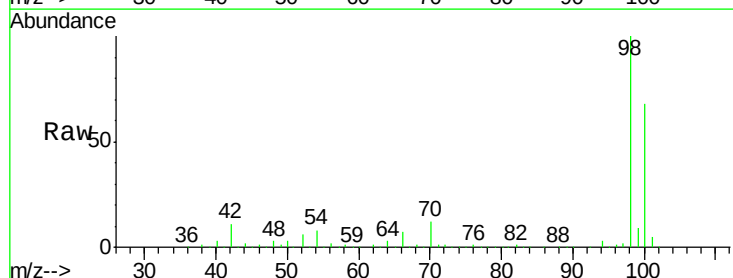
Acq: 05 Feb 2020 13:51

Tgt Ion: 98 Resp: 404011

Ion Ratio Lower Upper

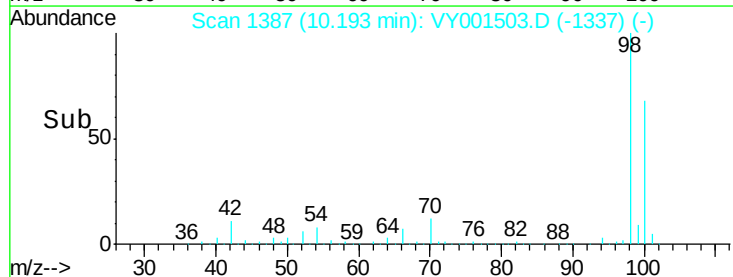
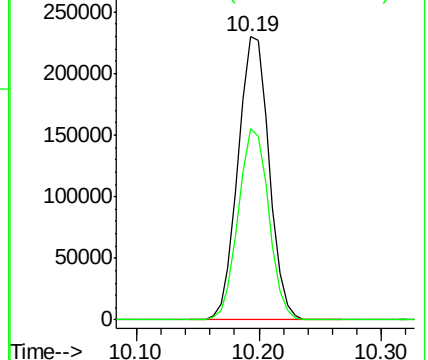
98 100

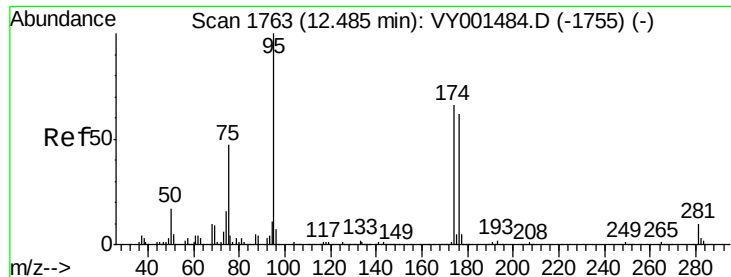
100 66.3 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

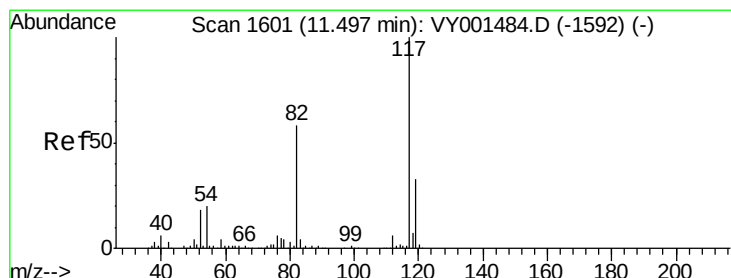
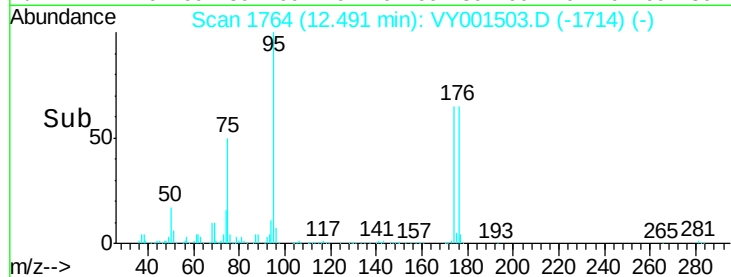
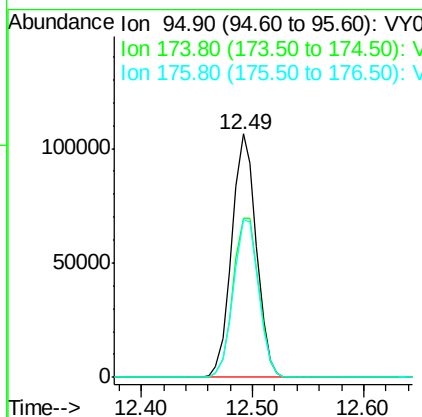
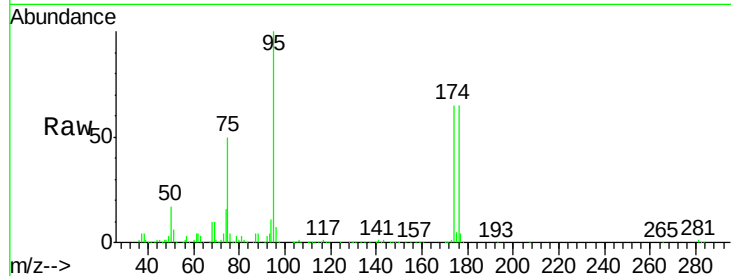




#62
4-Bromofluorobenzene
Concen: 56.472 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY001503.D
Acq: 05 Feb 2020 13:51

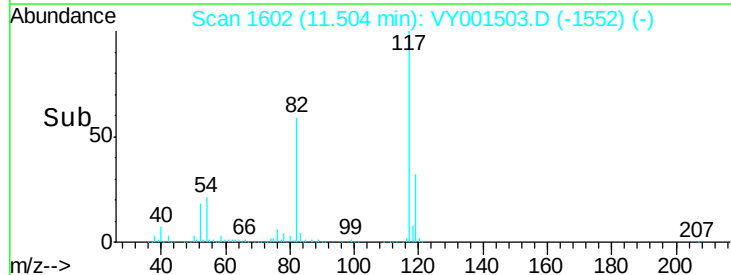
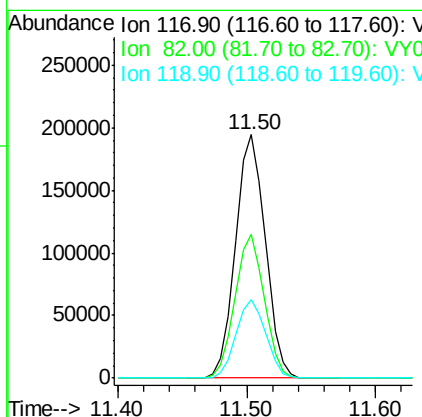
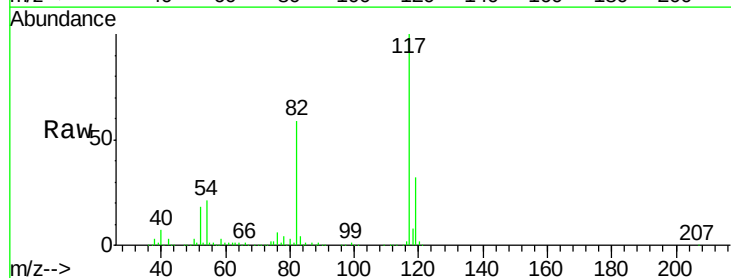
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

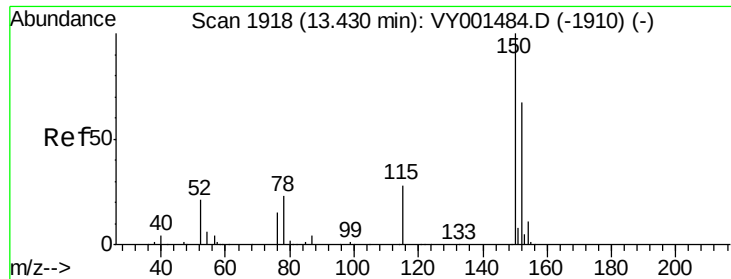
Tot Ion	95	Resp	162439
Ion Ratio	Lower	Upper	
95	100		
174	68.7	0.0	141.4
176	66.6	0.0	135.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001503.D
Acq: 05 Feb 2020 13:51

Tgt Ion	117	Resp	312492
Ion Ratio	Lower	Upper	
117	100		
82	58.8	46.1	69.1
119	32.4	26.1	39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001503.D

Acq: 05 Feb 2020 13:51

Instrument :

MSVOA_Y

ClientSampled :

TP-1

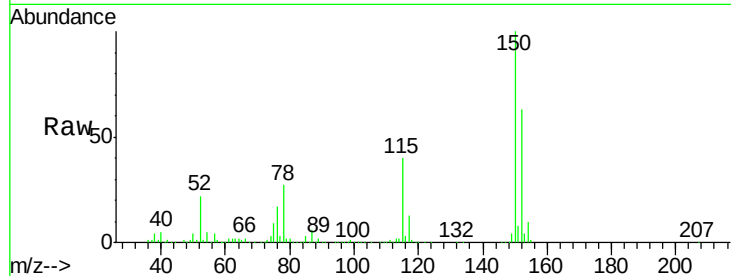
Tot Ion:152 Resp: 149017

Ion Ratio Lower Upper

152 100

115 63.2 31.4 94.3

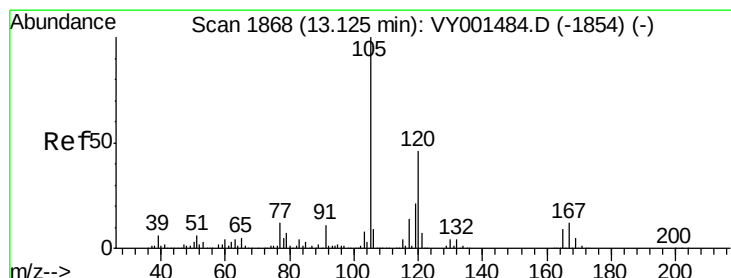
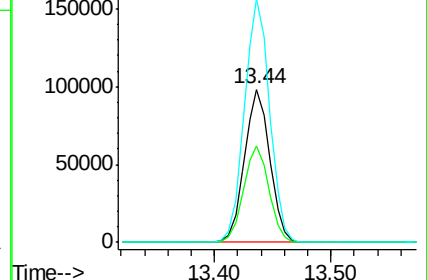
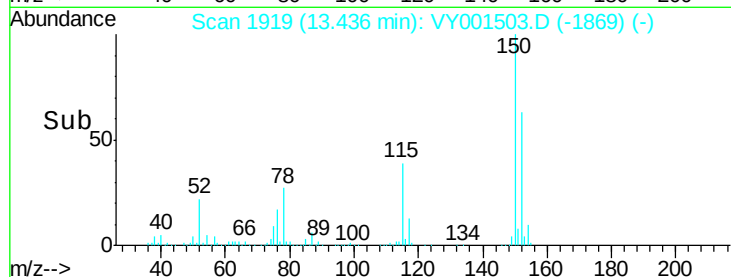
150 158.0 0.0 346.8



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



#84

1,2,4-Trimethylbenzene

Concen: 1.226 ug/l

RT: 13.13 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VY001503.D

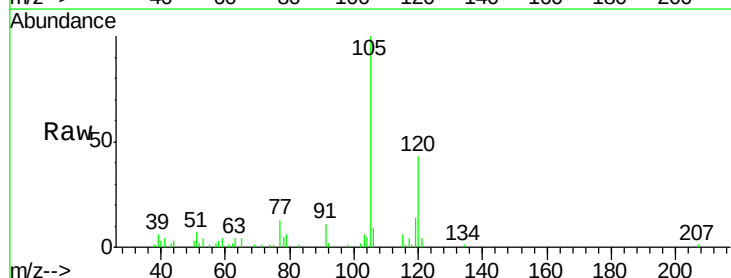
Acq: 05 Feb 2020 13:51

Tgt Ion:105 Resp: 11617

Ion Ratio Lower Upper

105 100

120 42.9 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

