

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011520\
 Data File : VY001239.D
 Acq On : 16 Jan 2020 00:05
 Operator : SY/MD
 Sample : L1136-01
 Misc : 8.47G/5ML/MSVOA Y/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB456 200113 28-30

Quant Time: Jan 16 06:51:33 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

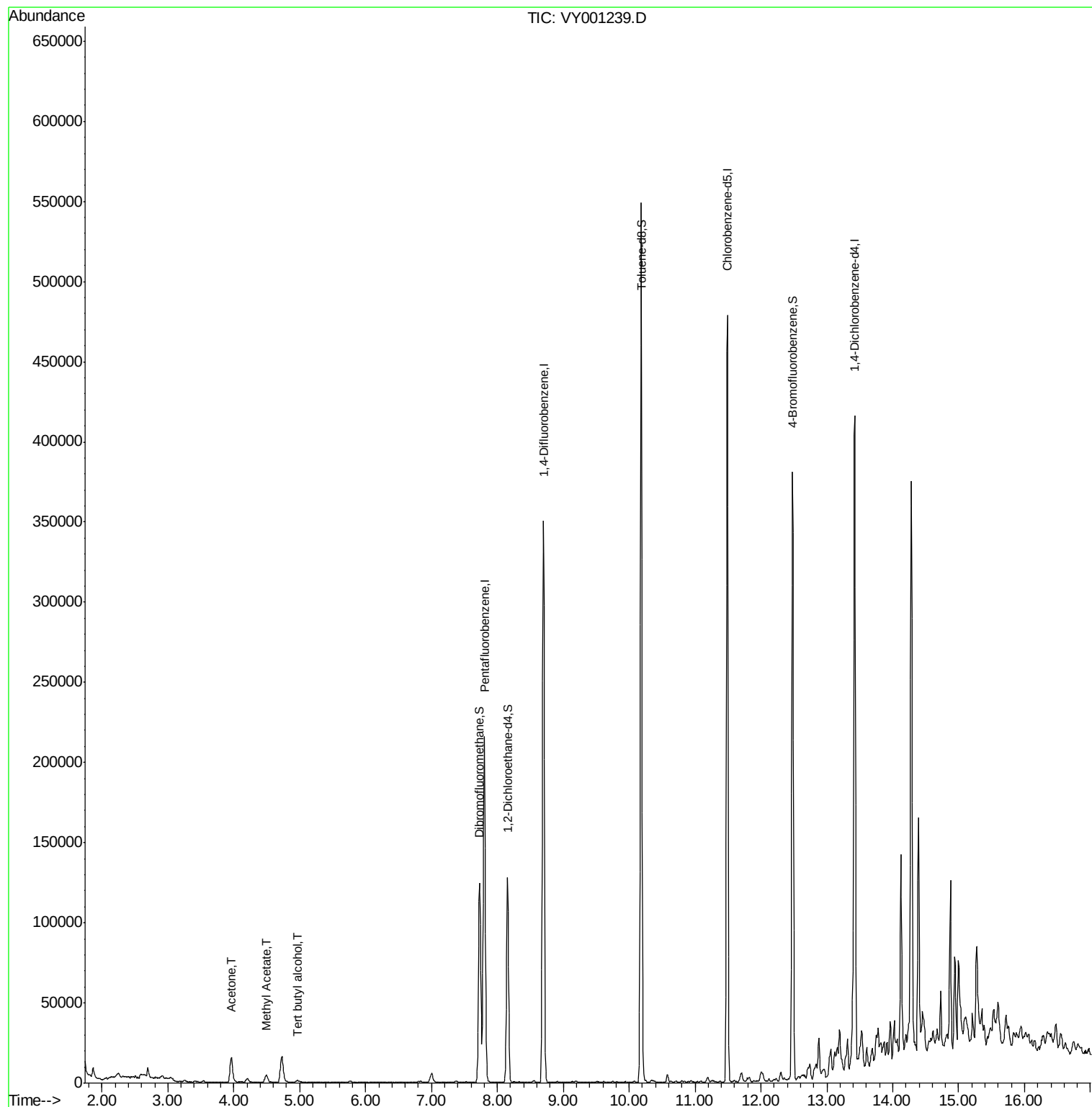
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	171549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	304083	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	260477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	107347	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	96069	53.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.04%	
35) Dibromofluoromethane	7.73	113	90048	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.16%	
50) Toluene-d8	10.18	98	352257	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.70%	
62) 4-Bromofluorobenzene	12.48	95	118170	42.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.26%	
Target Compounds						
11) Tert butyl alcohol	4.97	59	2480	13.604	ug/l	97
16) Acetone	3.96	43	27532	65.429	ug/l	100
18) Methyl Acetate	4.49	43	9218	6.626	ug/l	98

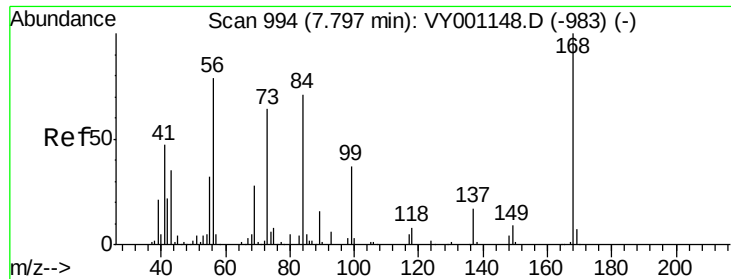
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VY001239.D

Acq: 16 Jan 2020 00:05

Instrument :

MSVOA_Y

ClientSampleId :

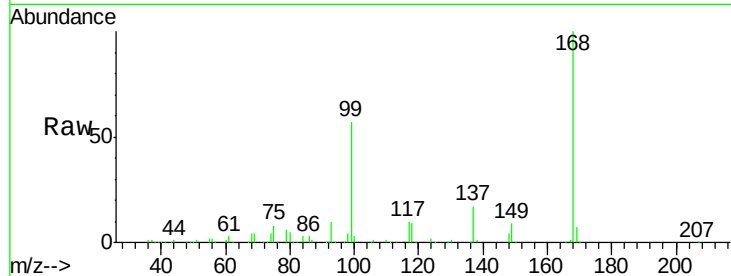
WP022SB456_200113_28-30

Tot Ion:168 Resp: 171549

Ion Ratio Lower Upper

168 100

99 57.0 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

80000

60000

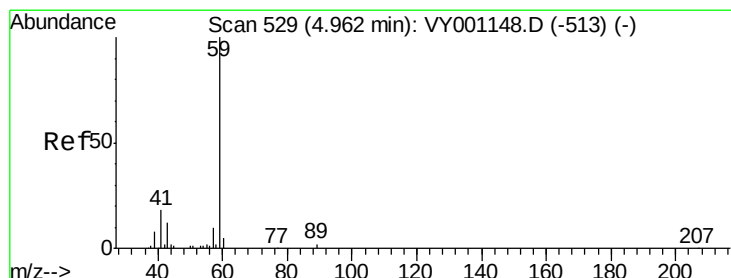
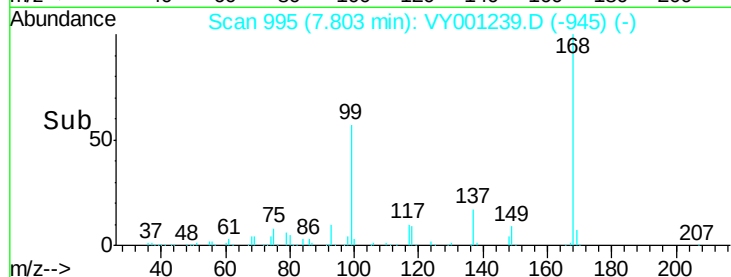
40000

20000

0

7.70 7.80 7.90

Time-->



#11

Tert butyl alcohol

Concen: 13.604 ug/l

RT: 4.97 min Scan# 531

Delta R.T. 0.01 min

Lab File: VY001239.D

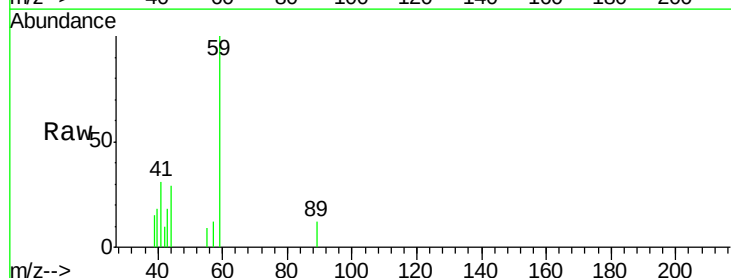
Acq: 16 Jan 2020 00:05

Tgt Ion: 59 Resp: 2480

Ion Ratio Lower Upper

59 100

57 8.7 7.8 11.8



Abundance Ion 59.00 (58.70 to 59.70): VY001148.D (-513) (-)

Ion 57.00 (56.70 to 57.70): VY001148.D (-513) (-)

4.97

800

600

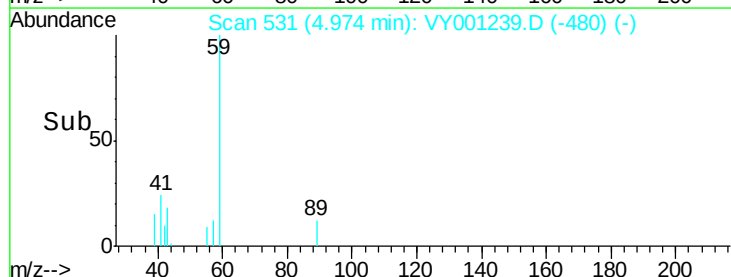
400

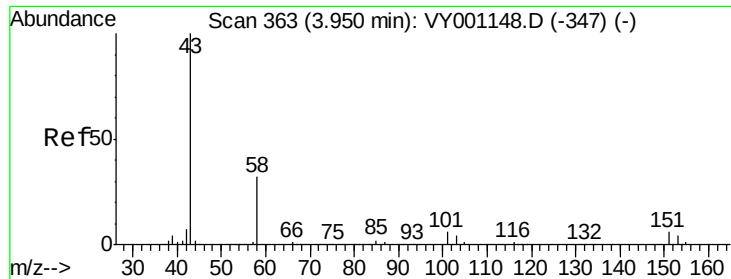
200

0

4.85 4.90 4.95 5.00 5.05

Time-->





#16

Acetone

Concen: 65.429 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY001239.D

Acq: 16 Jan 2020 00:05

Instrument :

MSVOA_Y

ClientSampleId :

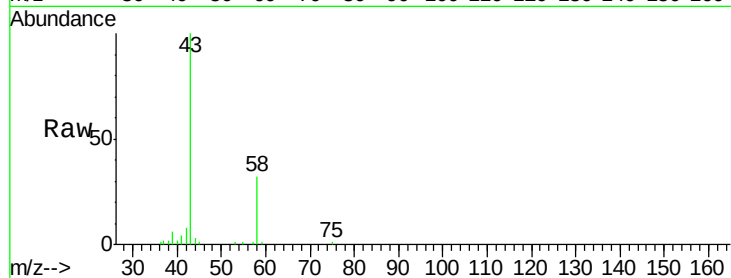
WP022SB456_200113_28-30

Tot Ion: 43 Resp: 27532

Ion Ratio Lower Upper

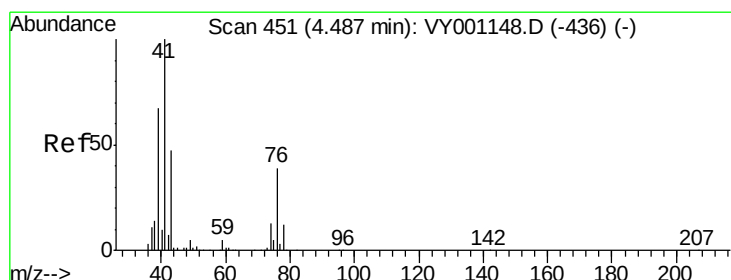
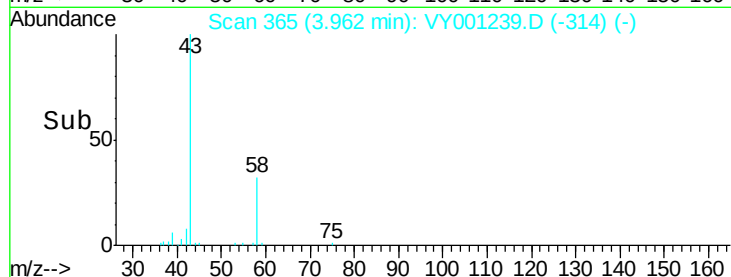
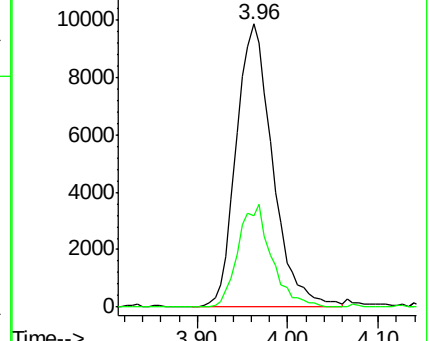
43 100

58 32.2 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#18

Methyl Acetate

Concen: 6.626 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY001239.D

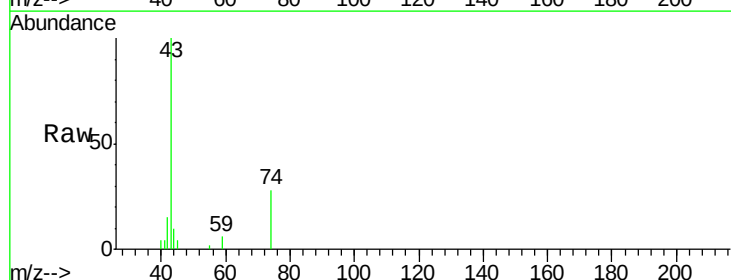
Acq: 16 Jan 2020 00:05

Tgt Ion: 43 Resp: 9218

Ion Ratio Lower Upper

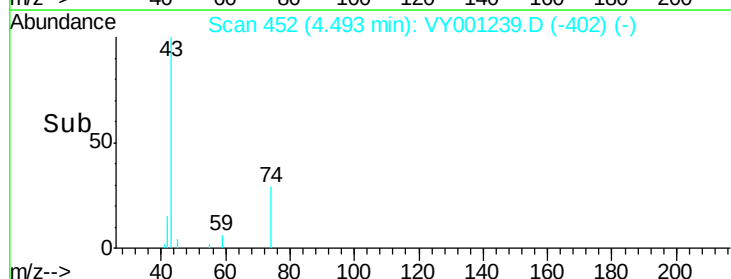
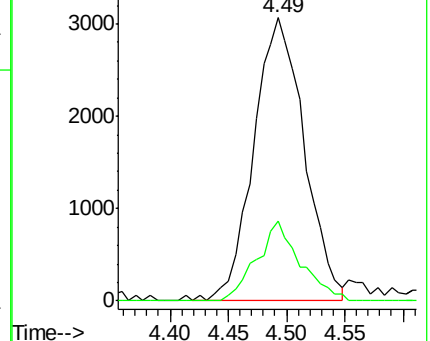
43 100

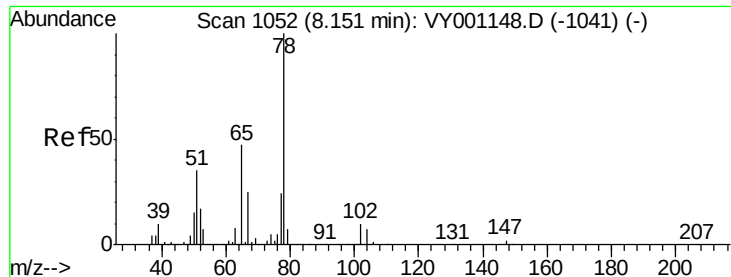
74 24.2 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

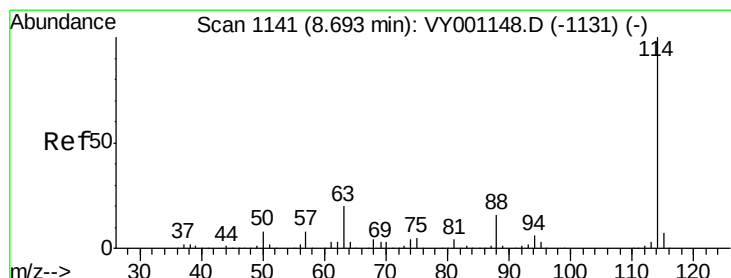
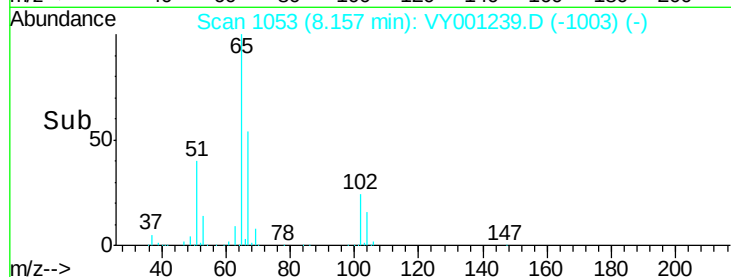
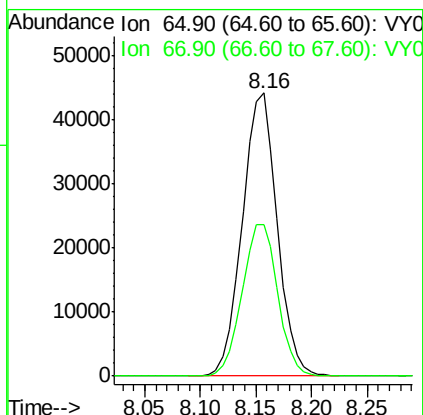
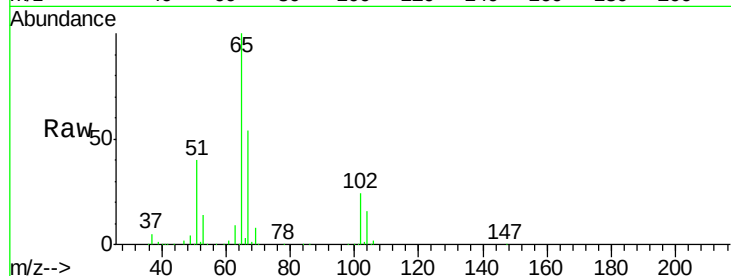




#33
 1,2-Dichloroethane-d4
 Concen: 53.022 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VY001239.D
 Acq: 16 Jan 2020 00:05

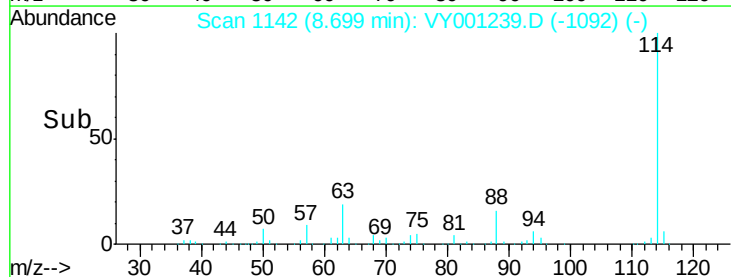
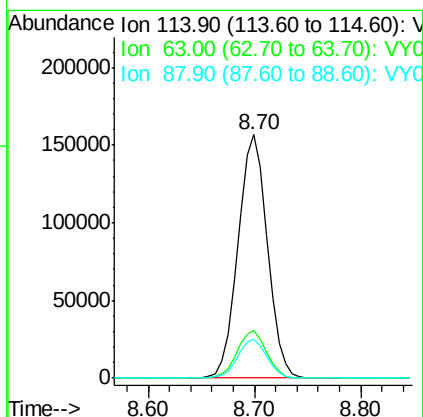
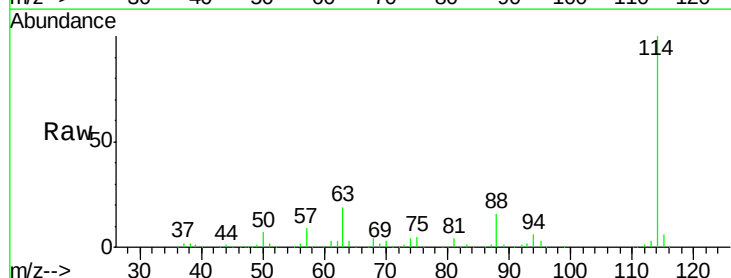
Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB456_200113_28-30

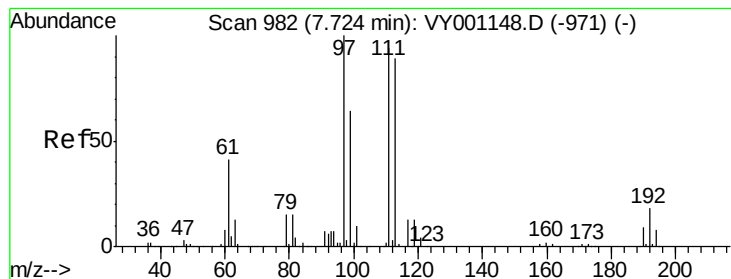
Tot Ion: 65 Resp: 96069
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001239.D
 Acq: 16 Jan 2020 00:05

Tgt Ion: 114 Resp: 304083
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.8
 88 15.7 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.577 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001239.D

Acq: 16 Jan 2020 00:05

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB456_200113_28-30

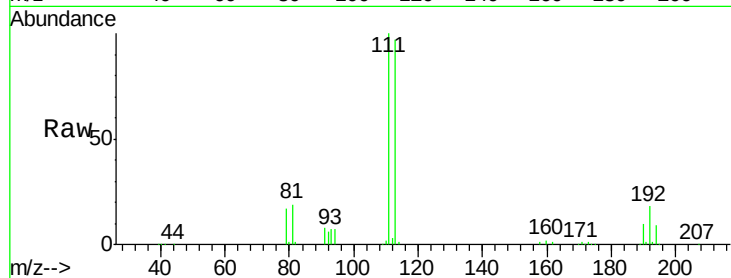
Tot Ion:113 Resp: 90048

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

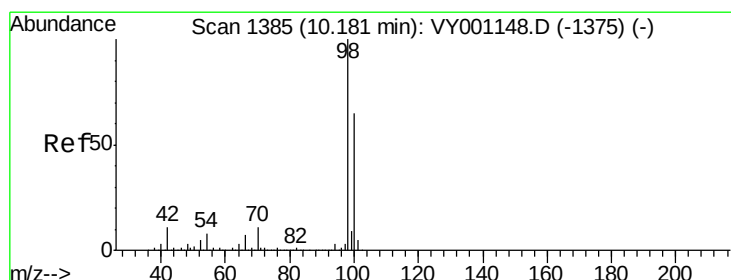
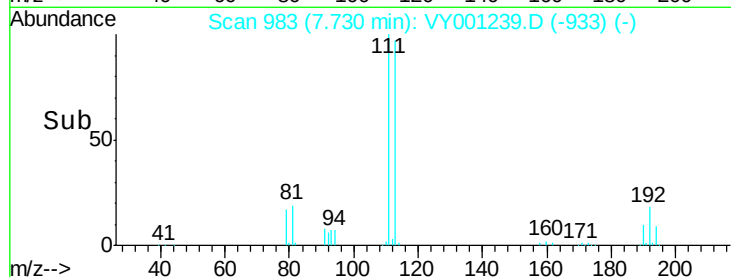
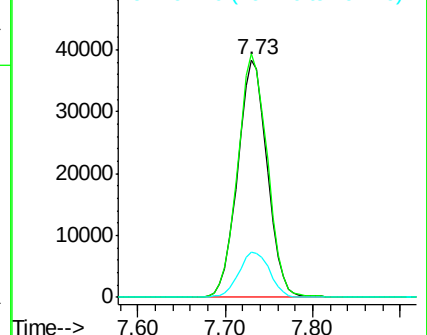
192 19.8 15.4 23.2



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: 51.348 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY001239.D

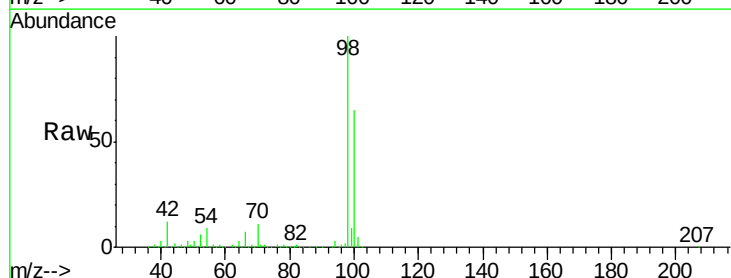
Acq: 16 Jan 2020 00:05

Tgt Ion: 98 Resp: 352257

Ion Ratio Lower Upper

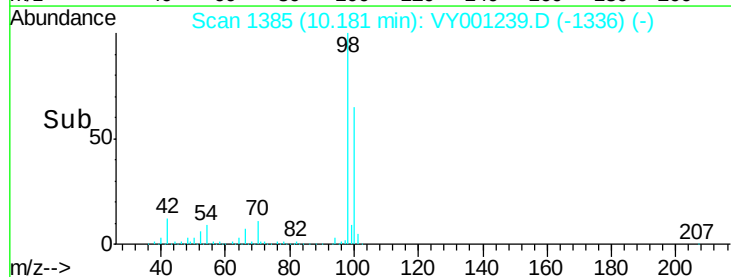
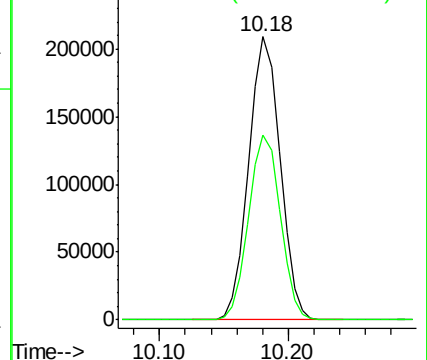
98 100

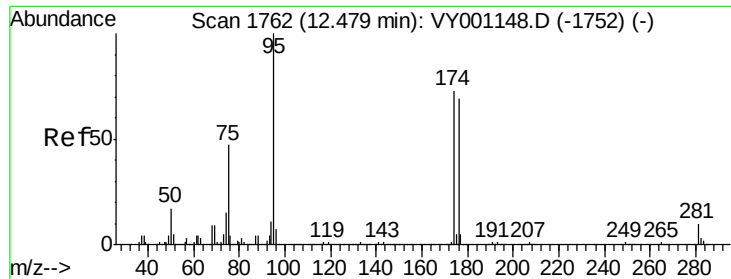
100 66.0 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

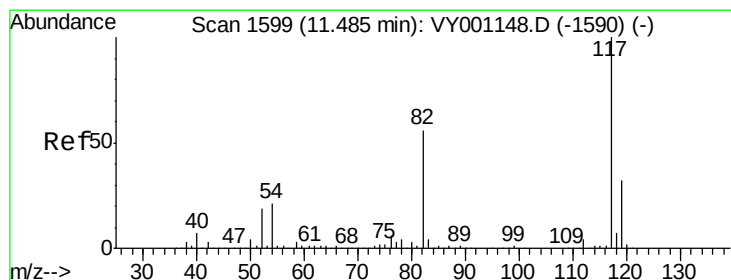
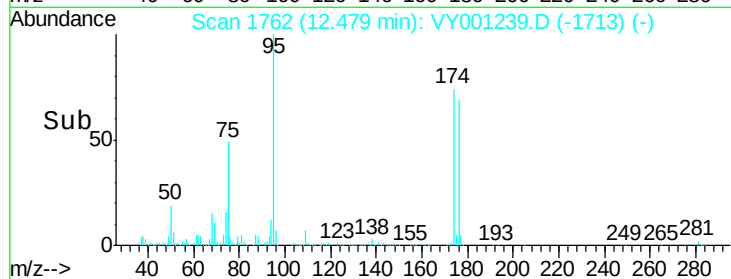
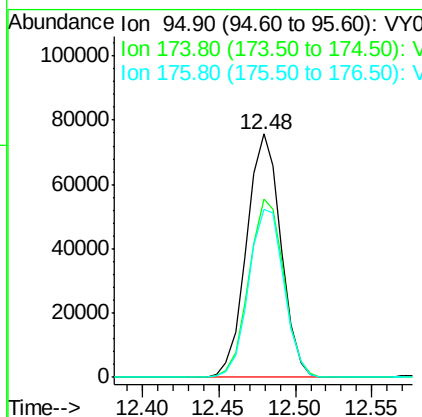
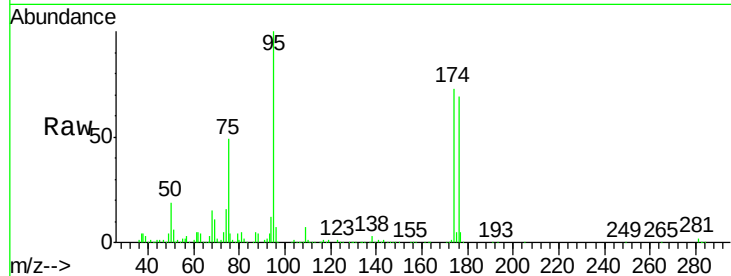




#62
4-Bromofluorobenzene
Concen: 42.134 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY001239.D
Acq: 16 Jan 2020 00:05

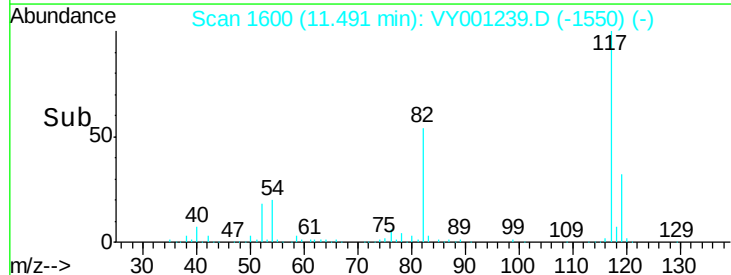
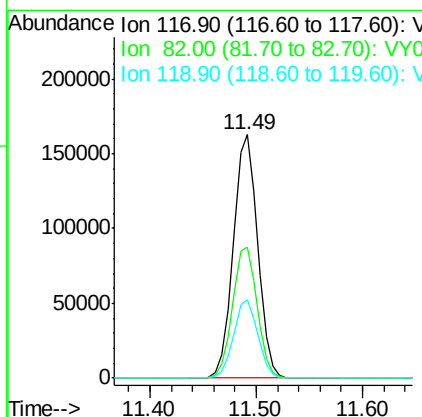
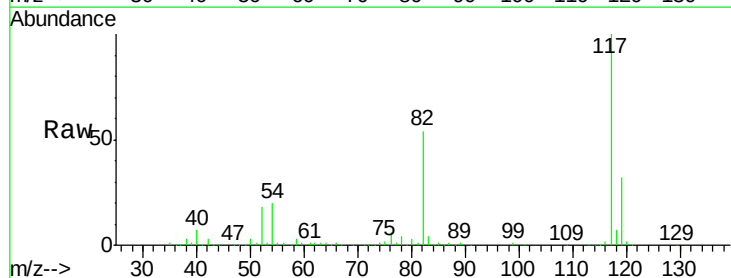
Instrument :
MSVOA_Y
ClientSampleId :
WP022SB456_200113_28-30

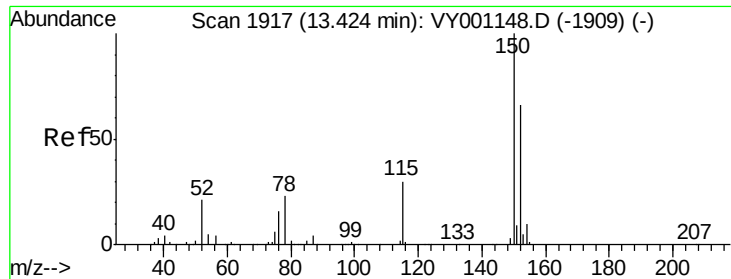
Tot Ion	Ratio	Lower	Upper
95	100		
174	74.5	0.0	143.2
176	71.0	0.0	136.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001239.D
Acq: 16 Jan 2020 00:05

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.6	44.9	67.3
119	32.3	25.7	38.5



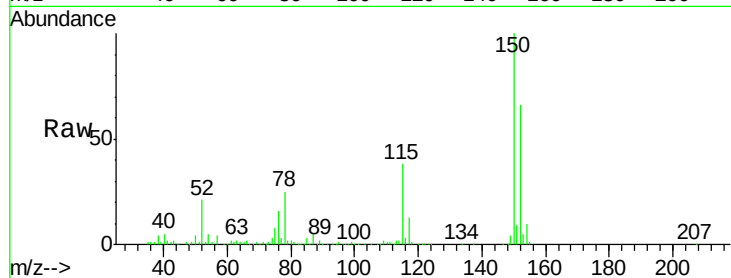


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY001239.D
Acq: 16 Jan 2020 00:05

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB456_200113_28-30

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.2	30.9	92.5
150	146.0	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

