

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050520\
 Data File : VY002597.D
 Acq On : 05 May 2020 19:12
 Operator : SY/MD
 Sample : L2490-01
 Misc : 5.60G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-019-IDWSO-20200504

Quant Time: May 06 07:57:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

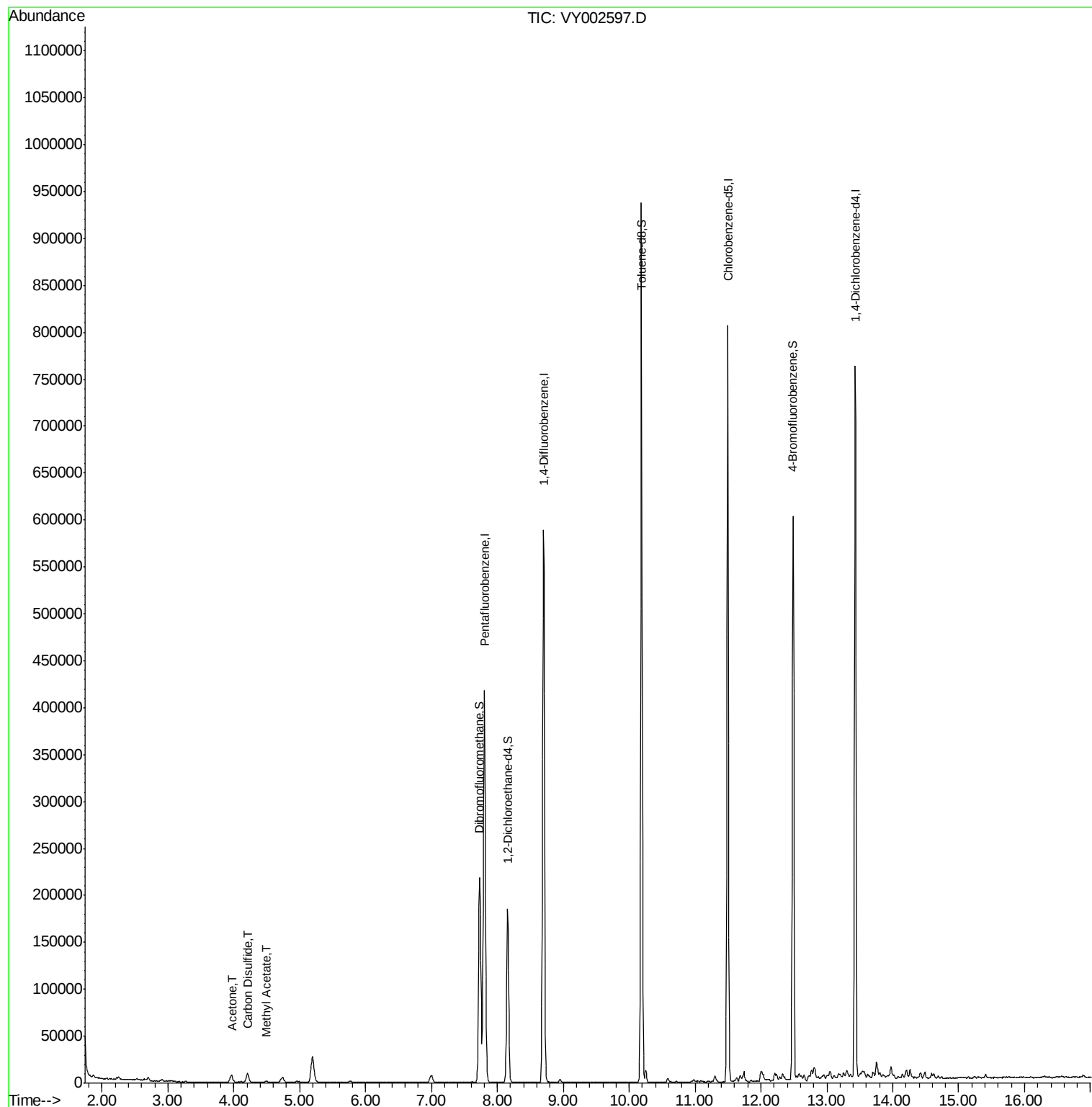
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	345689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	532512	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	461755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	206030	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	142112	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
35) Dibromofluoromethane	7.73	113	156700	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.90%	
50) Toluene-d8	10.19	98	621101	52.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.44%	
62) 4-Bromofluorobenzene	12.49	95	186663	46.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.50%	
Target Compounds						
16) Acetone	3.96	43	13509	22.520	ug/l	96
17) Carbon Disulfide	4.21	76	19543	2.183	ug/l	95
18) Methyl Acetate	4.49	43	2382	1.188	ug/l #	73

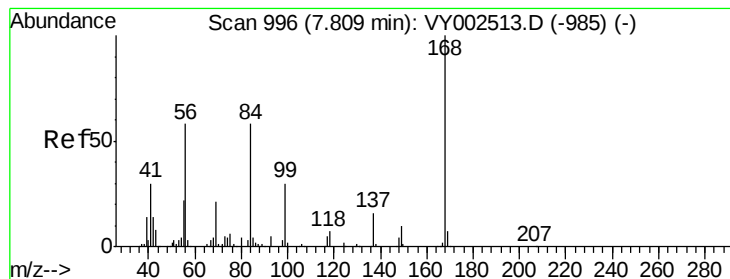
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002597.D

Acq: 05 May 2020 19:12

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MSVOA_Y

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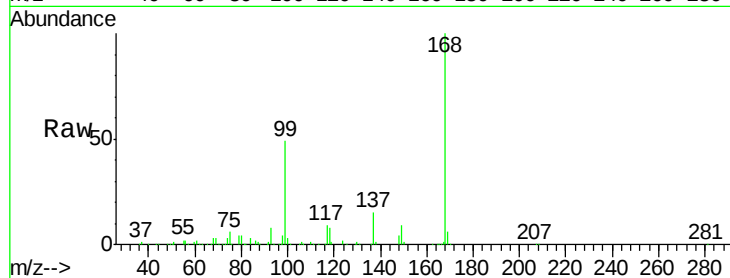
TT-019-IDWSO-20200504

Tot Ion:168 Resp: 345689

Ion Ratio Lower Upper

168 100

99 48.6 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.80

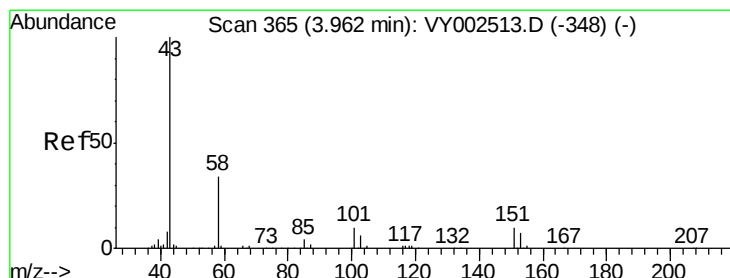
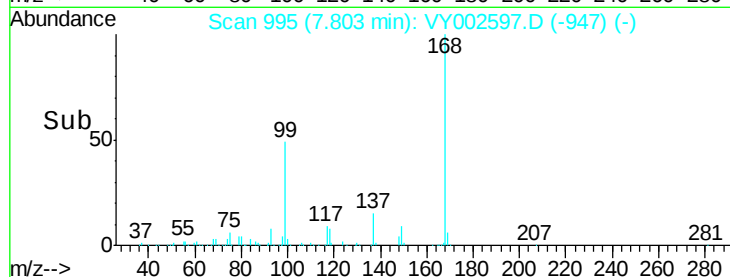
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 22.520 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.00 min

Lab File: VY002597.D

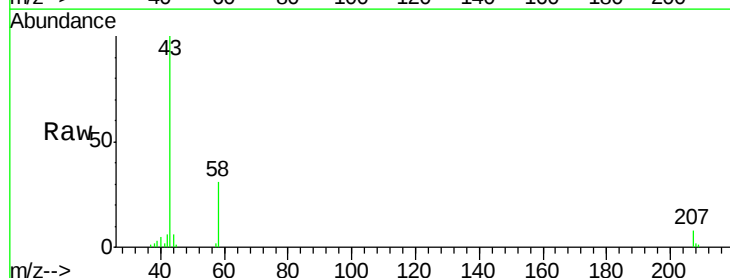
Acq: 05 May 2020 19:12

Tgt Ion: 43 Resp: 13509

Ion Ratio Lower Upper

43 100

58 31.1 26.9 40.3



Abundance Ion 43.00 (42.70 to 43.70): VY002513.D (-348) (-)

Ion 58.00 (57.70 to 58.70): VY002513.D (-348) (-)

3.96

5000

4000

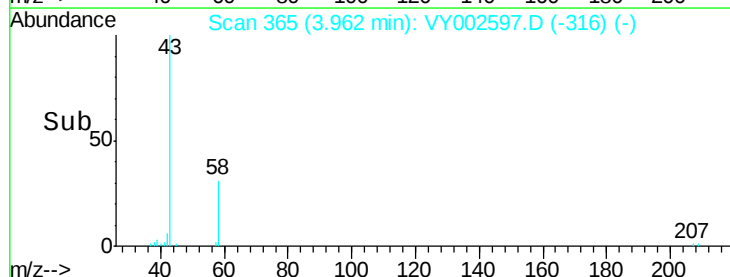
3000

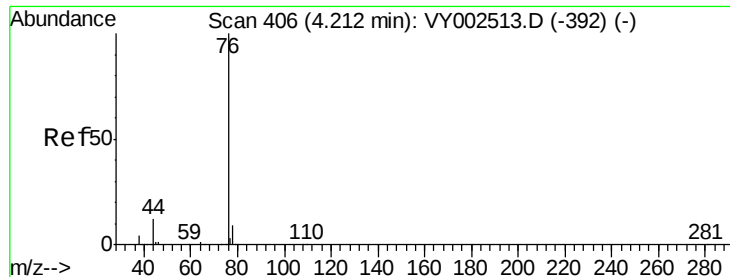
2000

1000

0

Time-->

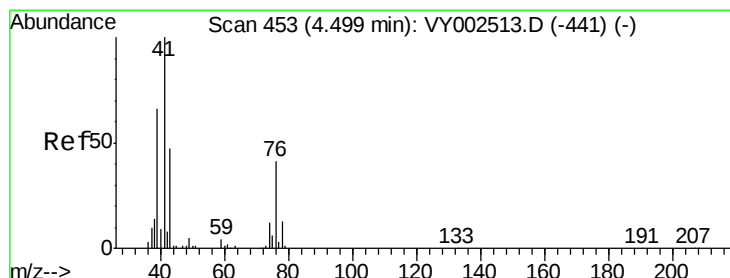
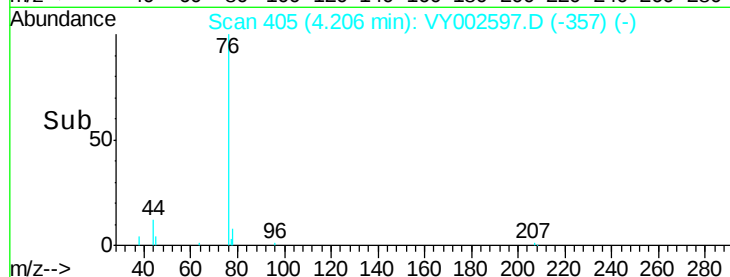
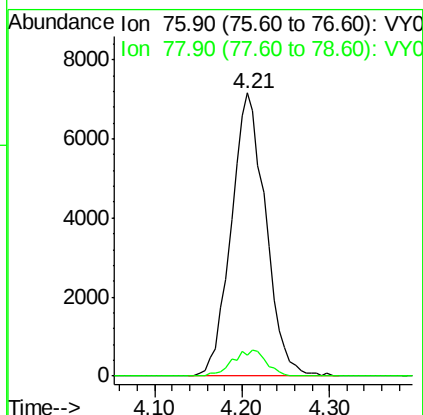
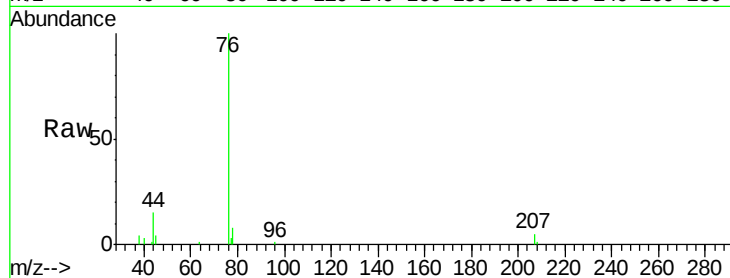




#17
Carbon Disulfide
Concen: 2.183 ug/l
RT: 4.21 min Scan# 405
Delta R.T. -0.01 min
Lab File: VY002597.D
Acq: 05 May 2020 19:12

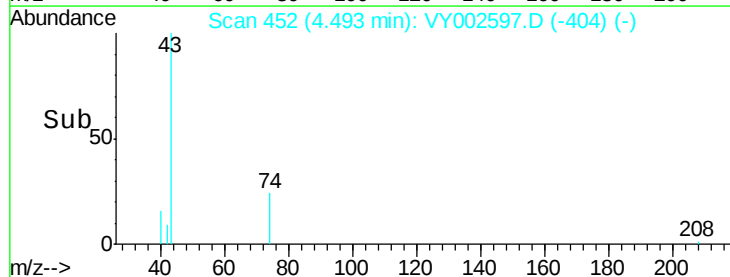
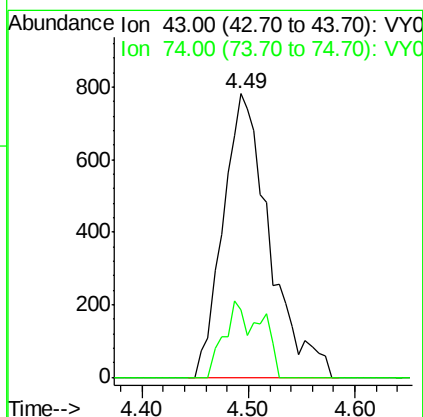
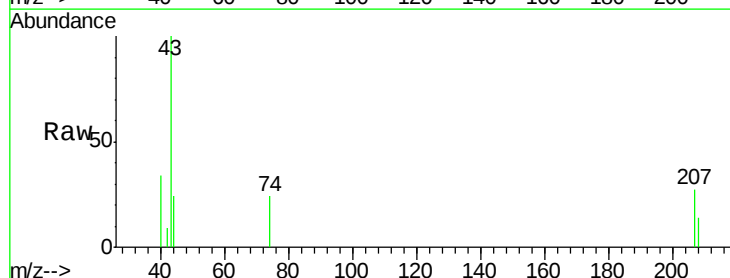
Instrument :
MSVOA_Y
ClientSampleId :
TT-019-IDWSO-20200504

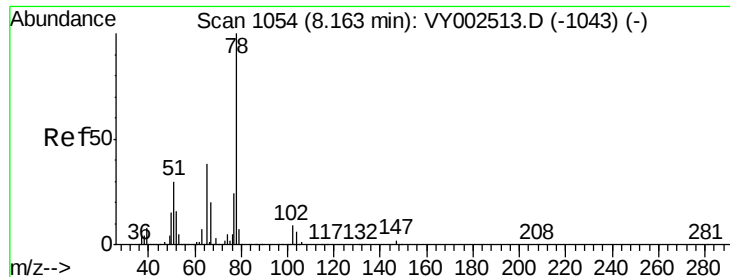
Tot Ion: 76 Resp: 19543
Ion Ratio Lower Upper
76 100
78 7.5 7.4 11.2



#18
Methyl Acetate
Concen: 1.188 ug/l
RT: 4.49 min Scan# 452
Delta R.T. -0.01 min
Lab File: VY002597.D
Acq: 05 May 2020 19:12

Tgt Ion: 43 Resp: 2382
Ion Ratio Lower Upper
43 100
74 12.6 21.2 31.8#





#33

1,2-Dichloroethane-d4

Concen: 48.893 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY002597.D

Acq: 05 May 2020 19:12

Instrument :

MSVOA_Y

ClientSampleId :

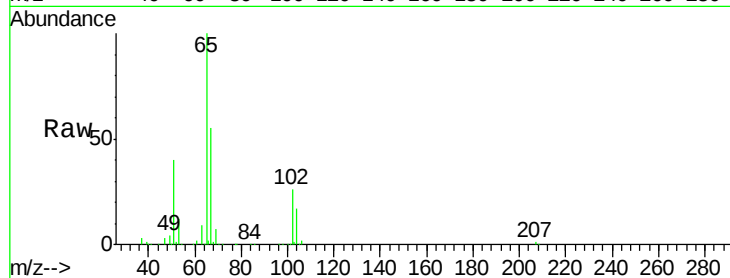
TT-019-IDWSO-20200504

Tot Ion: 65 Resp: 142112

Ion Ratio Lower Upper

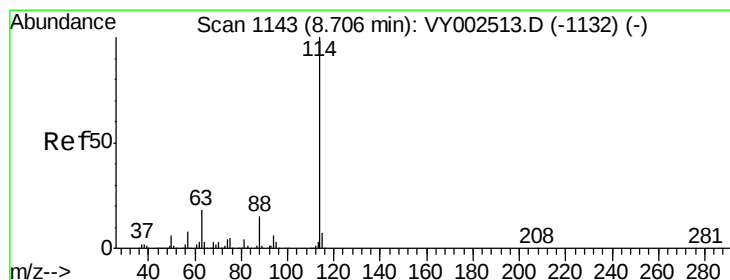
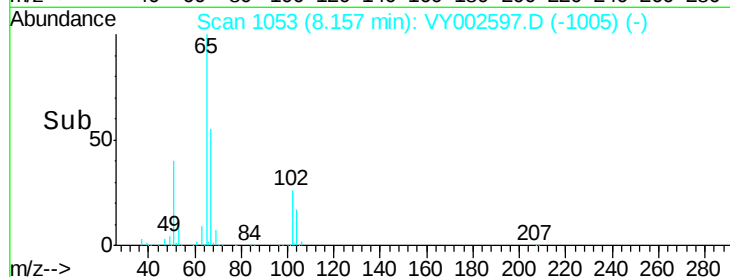
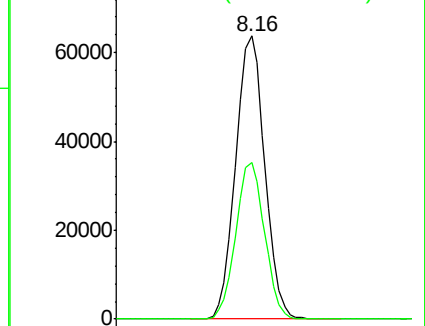
65 100

67 54.7 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002597.D

Acq: 05 May 2020 19:12

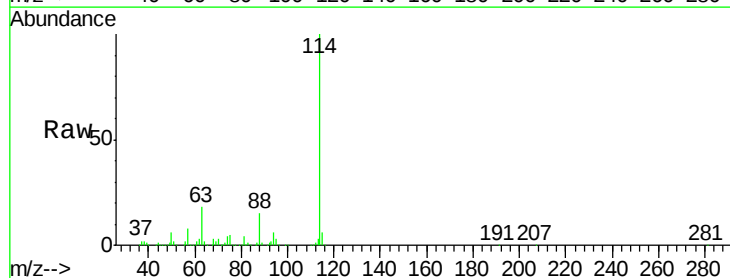
Tgt Ion: 114 Resp: 532512

Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.4

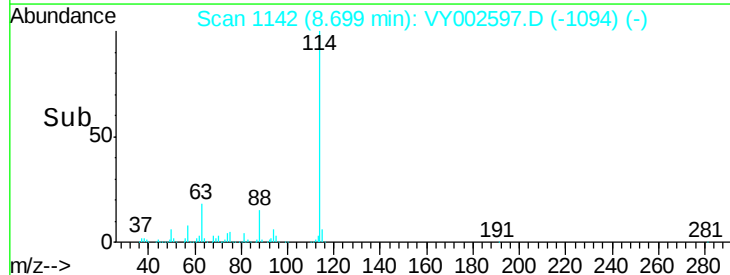
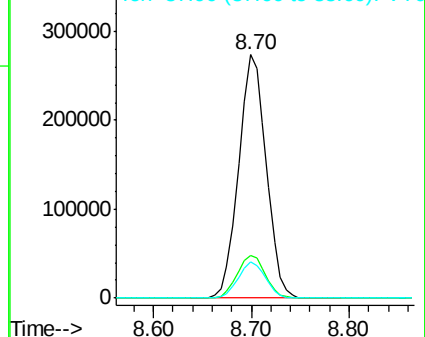
88 14.8 0.0 29.6

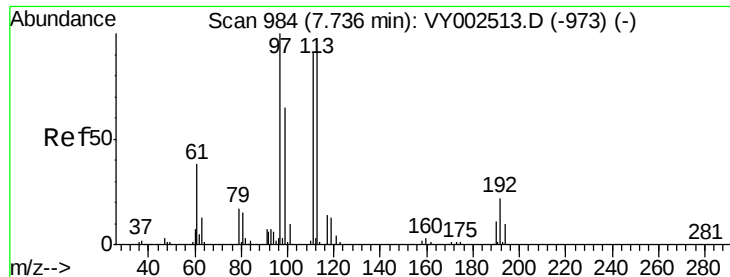


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

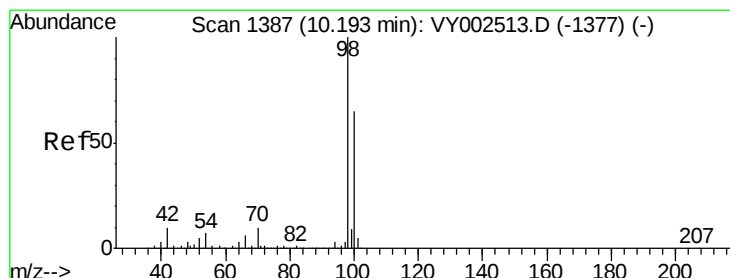
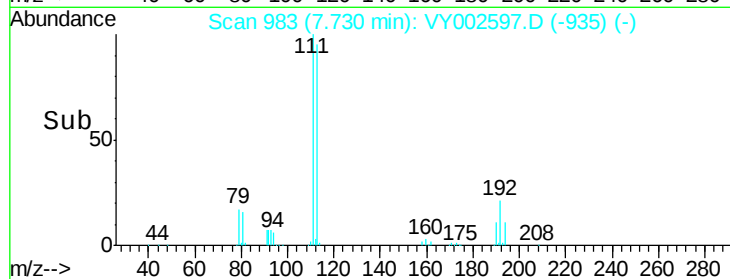
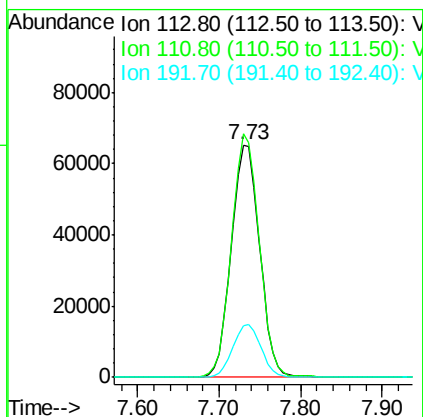
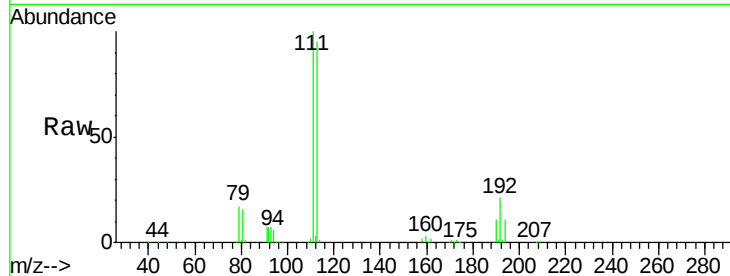




#35
 Dibromofluoromethane
 Concen: 51.454 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002597.D
 Acq: 05 May 2020 19:12

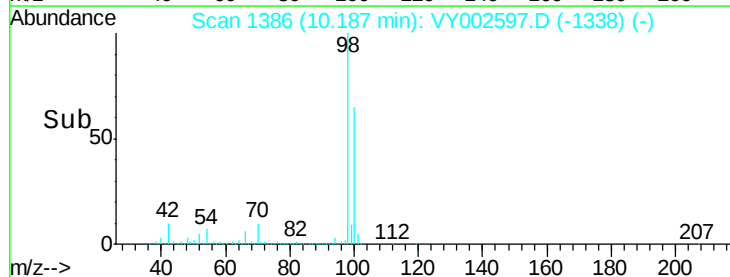
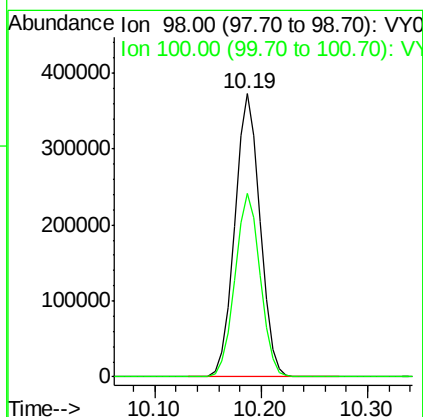
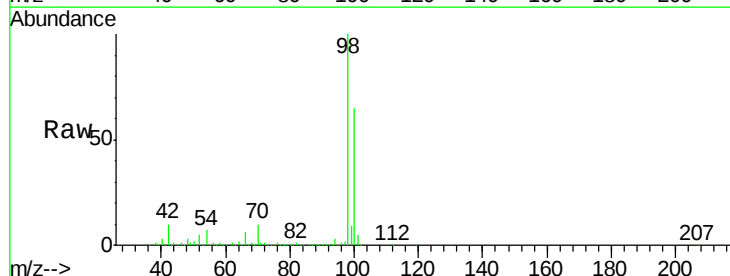
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 MSVOA_Y
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 TT-019-IDWSO-20200504

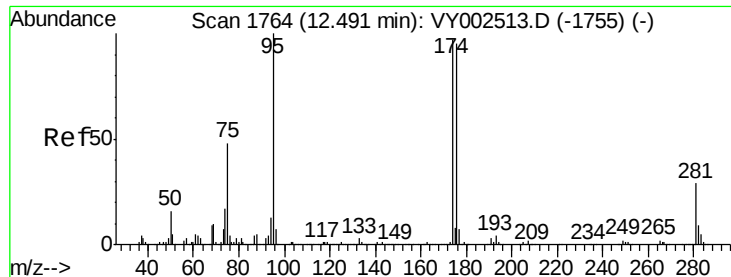
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.8	122.6
192	22.5	18.2	27.4



#50
 Toluene-d8
 Concen: 52.224 ug/l
 RT: 10.19 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: VY002597.D
 Acq: 05 May 2020 19:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.2	78.2

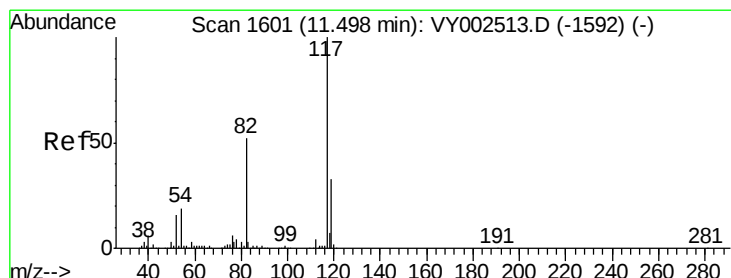
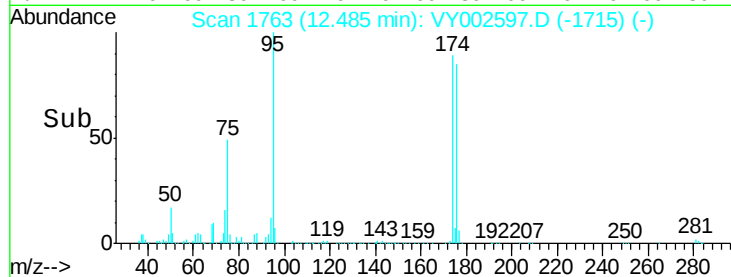
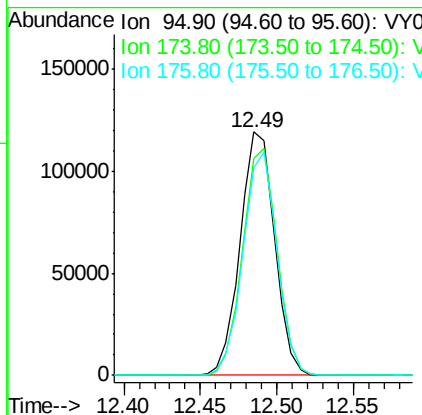
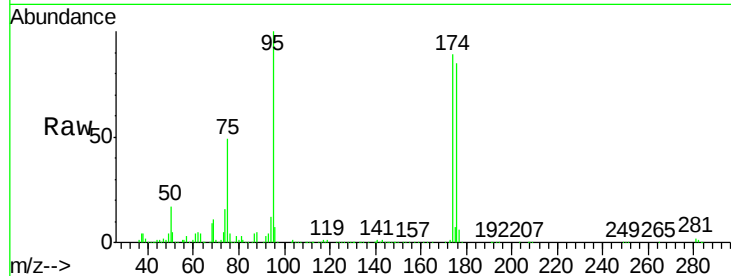




#62
4-Bromofluorobenzene
Concen: 46.254 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY002597.D
Acq: 05 May 2020 19:12

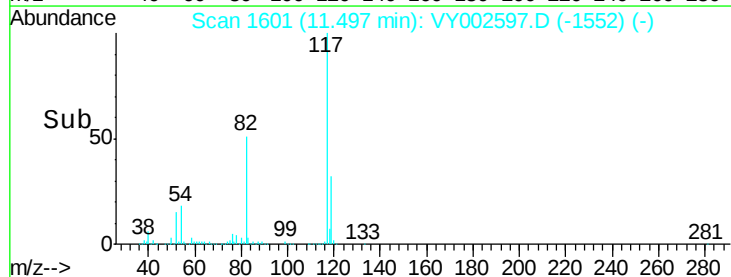
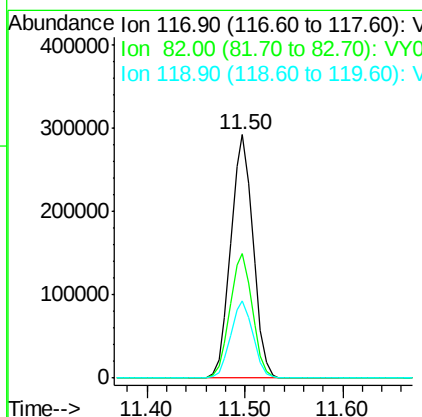
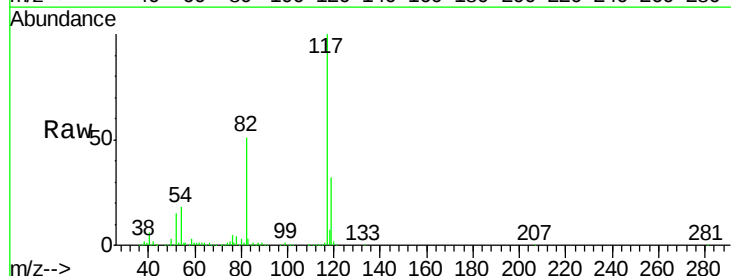
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ClientSampleId :
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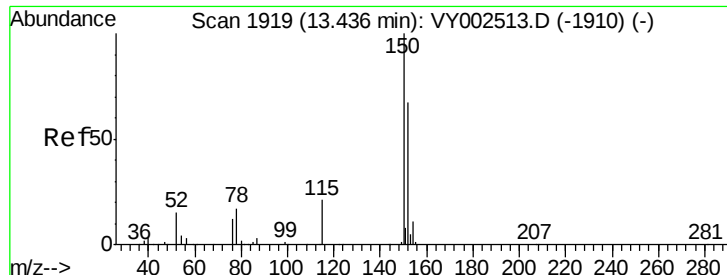
Tot Ion	95	Resp	186663
Ion Ratio	Lower	Upper	
95	100		
174	93.6	0.0	188.8
176	90.5	0.0	183.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002597.D
Acq: 05 May 2020 19:12

Tgt Ion	117	Resp	461755
Ion Ratio	Lower	Upper	
117	100		
82	51.1	41.3	61.9
119	31.9	26.0	39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY002597.D

Acq: 05 May 2020 19:12

Instrument :

MSVOA_Y

ClientSampleId :

TT-019-IDWSO-20200504

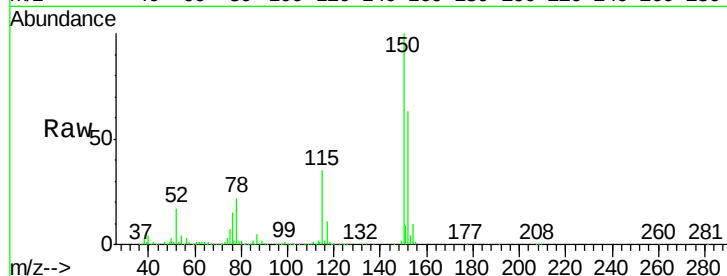
Tot Ion:152 Resp: 206030

Ion Ratio Lower Upper

152 100

115 54.9 27.5 82.4

150 158.5 0.0 346.4



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

