

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv060520\
 Data File : VY002847.D
 Acq On : 05 Jun 2020 14:38
 Operator : SY/MD
 Sample : L2930-01
 Misc : 6.06G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S39-HSVE2-IDW01

Quant Time: Jun 18 16:55:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

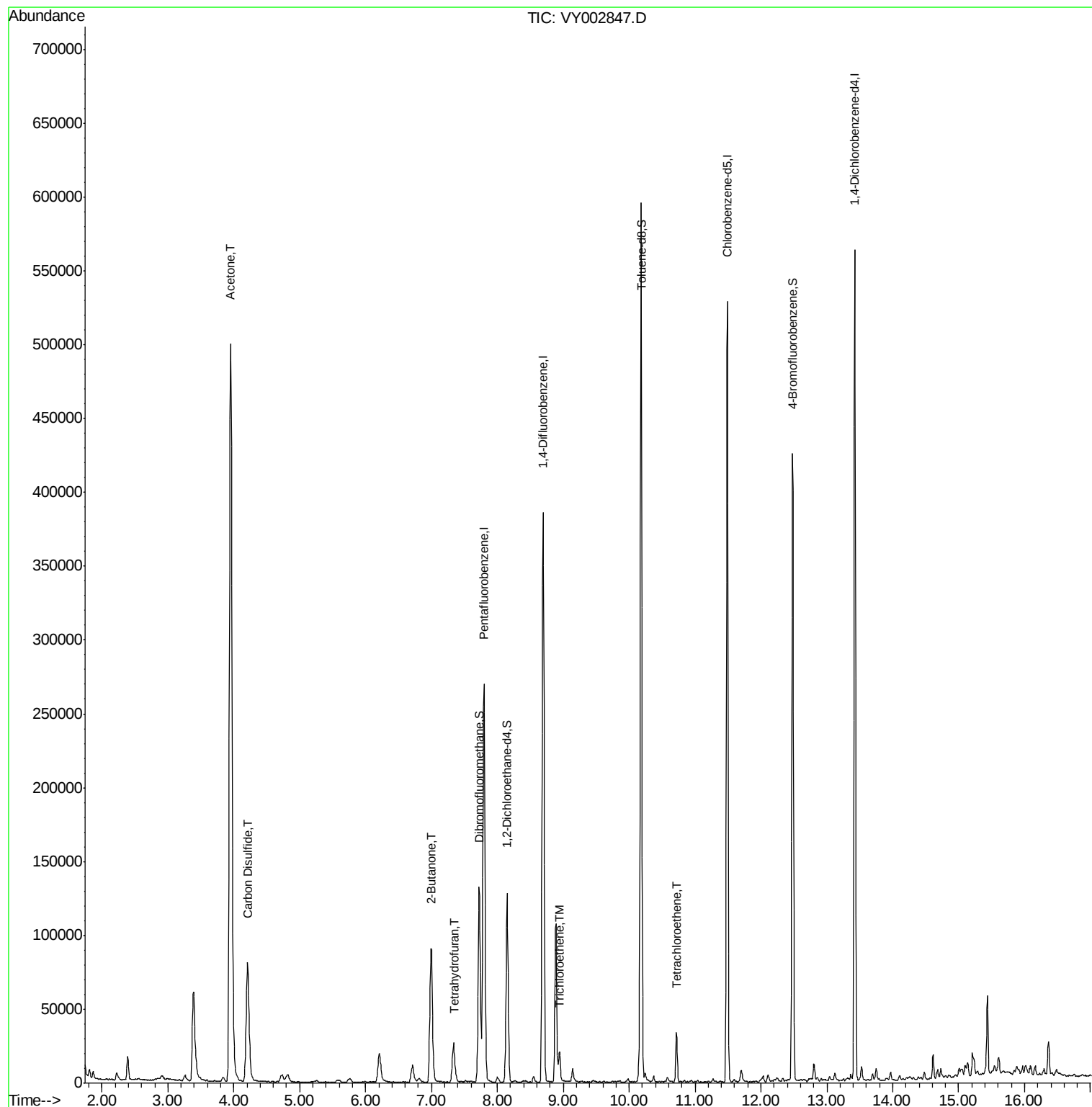
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	225261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	348211	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	310008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	151220	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	96738	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
35) Dibromofluoromethane	7.72	113	93028	45.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.18%	
50) Toluene-d8	10.18	98	406995	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
62) 4-Bromofluorobenzene	12.48	95	127558	45.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.48%	
Target Compounds						
16) Acetone	3.95	43	850220	1853.817	ug/l	97
17) Carbon Disulfide	4.20	76	21683	3.744	ug/l	96
25) 2-Butanone	7.00	43	152238	213.055	ug/l	96
29) Tetrahydrofuran	7.36	42	3048	6.558	ug/l #	92
44) Trichloroethene	8.94	130	6909	2.524	ug/l	98
64) Tetrachloroethene	10.72	164	7551	2.680	ug/l	92

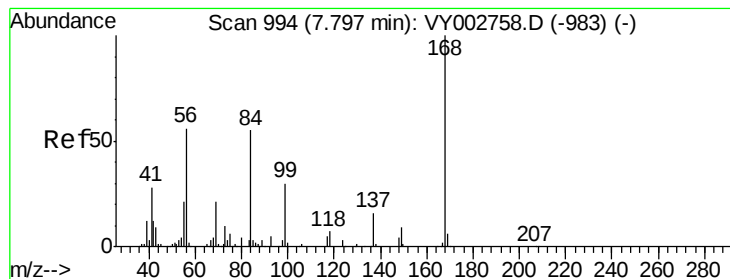
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002847.D

Acq: 05 Jun 2020 14:38

Instrument :

MSVOA_Y

ClientSampleId :

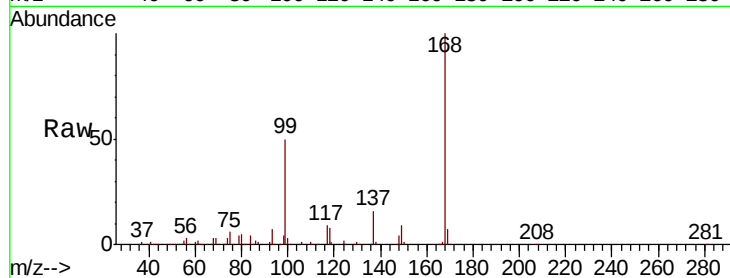
S39-HSVE2-IDW01

Tot Ion:168 Resp: 225261

Ion Ratio Lower Upper

168 100

99 49.7 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)

7.80

100000

80000

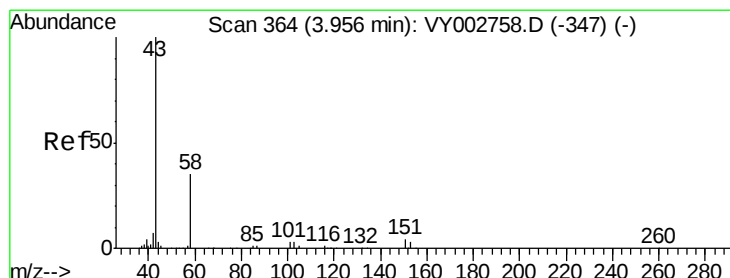
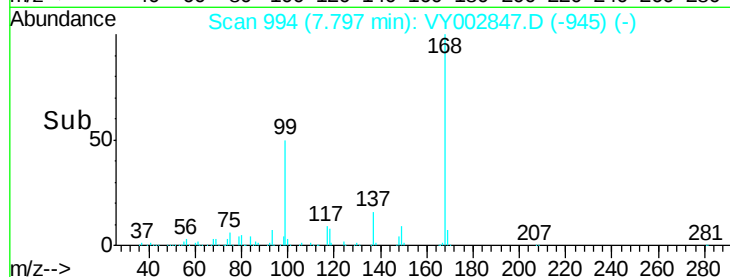
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 1853.817 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY002847.D

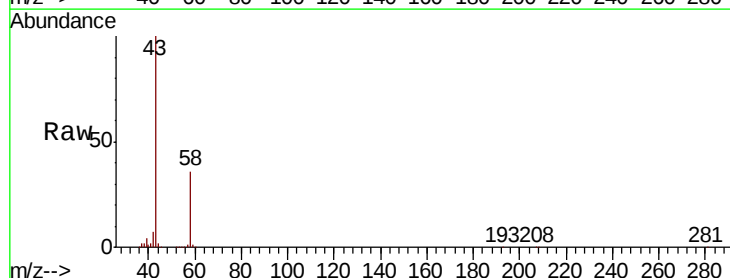
Acq: 05 Jun 2020 14:38

Tgt Ion: 43 Resp: 850220

Ion Ratio Lower Upper

43 100

58 36.1 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY002758.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002758.D (-347) (-)

3.95

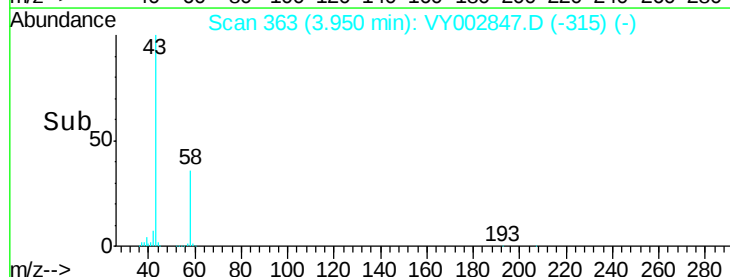
300000

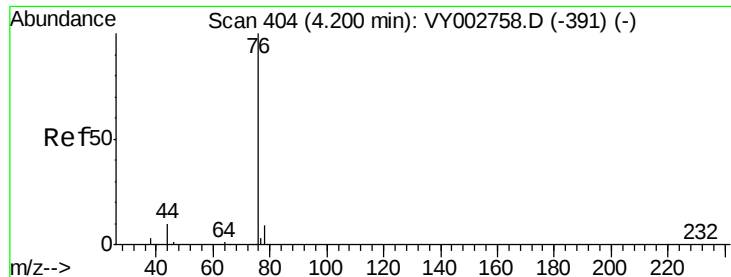
200000

100000

0

Time-->





#17

Carbon Disulfide

Concen: 3.744 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002847.D

Acq: 05 Jun 2020 14:38

Instrument :

MSVOA_Y

ClientSampleId :

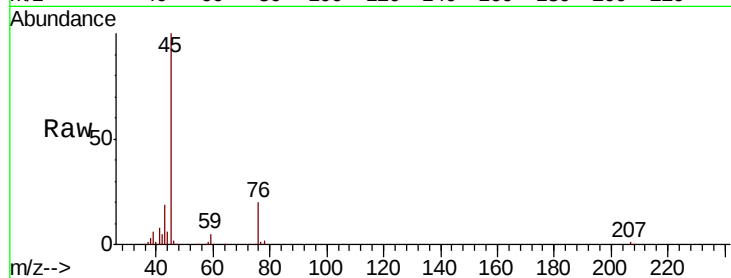
S39-HSVE2-IDW01

Tot Ion: 76 Resp: 21683

Ion Ratio Lower Upper

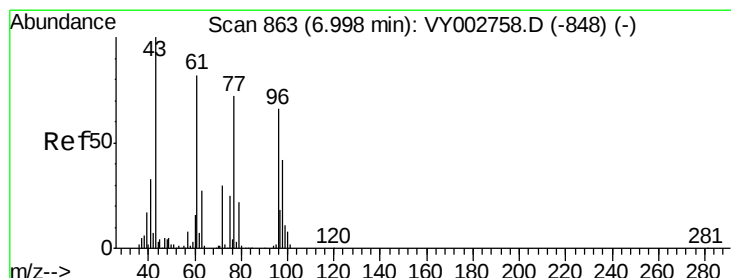
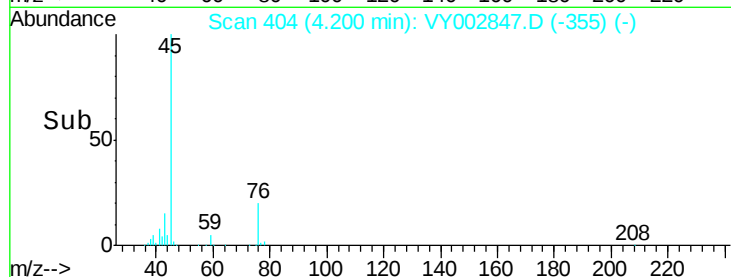
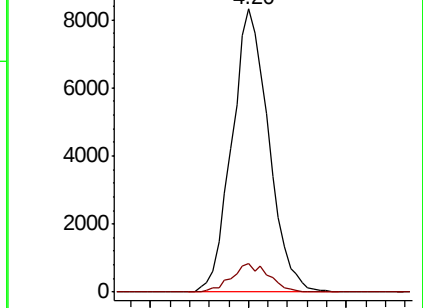
76 100

78 10.1 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VY002847.D (-355) (-)

Ion 77.90 (77.60 to 78.60): VY002847.D (-355) (-)



#25

2-Butanone

Concen: 213.055 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY002847.D

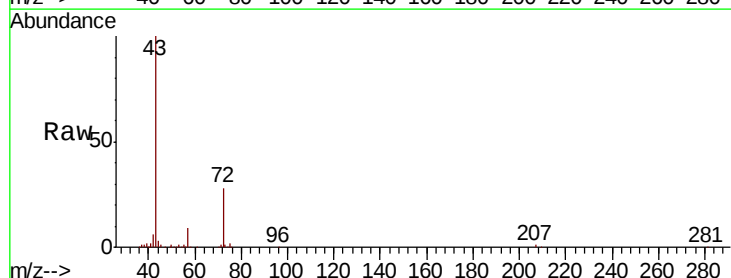
Acq: 05 Jun 2020 14:38

Tgt Ion: 43 Resp: 152238

Ion Ratio Lower Upper

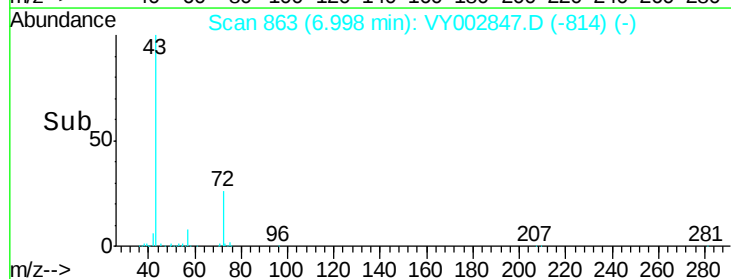
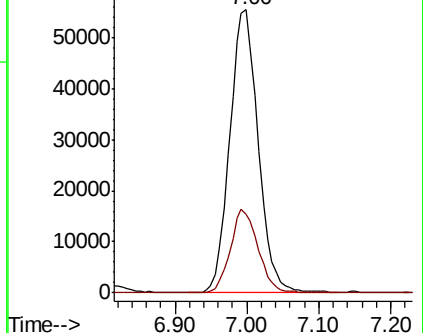
43 100

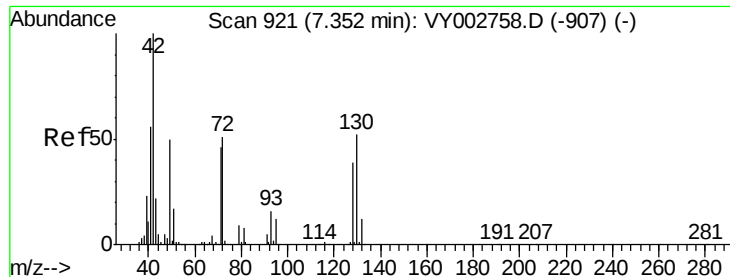
72 27.8 23.9 35.9



Abundance Ion 43.00 (42.70 to 43.70): VY002847.D (-814) (-)

Ion 72.00 (71.70 to 72.70): VY002847.D (-814) (-)





#29

Tetrahydrofuran

Concen: 6.558 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY002847.D

Acq: 05 Jun 2020 14:38

Instrument :

MSVOA_Y

ClientSampleId :

S39-HSVE2-IDW01

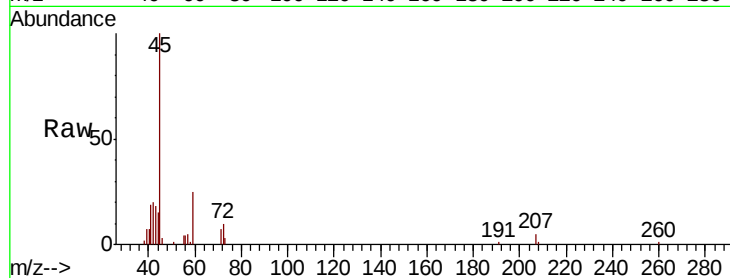
Tot Ion: 42 Resp: 3048

Ion Ratio Lower Upper

42 100

72 48.0 38.6 58.0

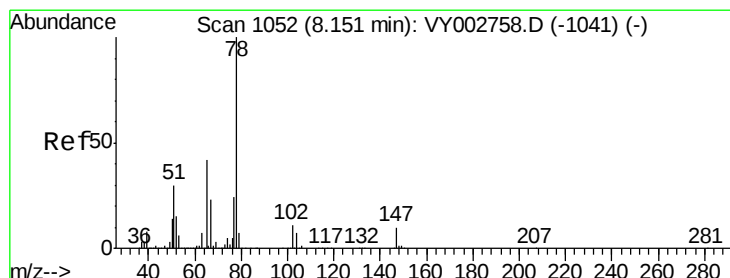
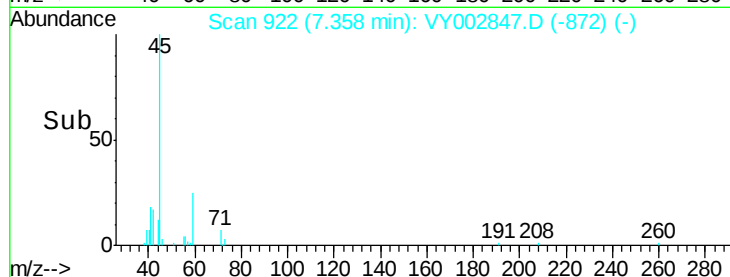
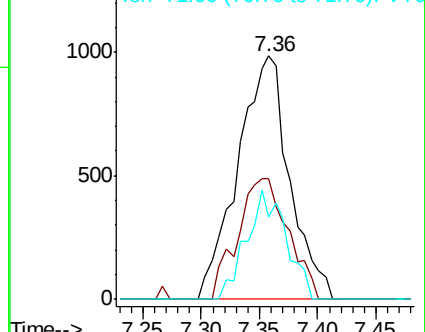
71 34.0 35.8 53.8#



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 49.460 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY002847.D

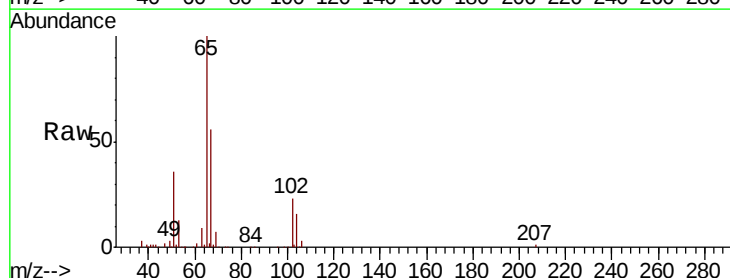
Acq: 05 Jun 2020 14:38

Tgt Ion: 65 Resp: 96738

Ion Ratio Lower Upper

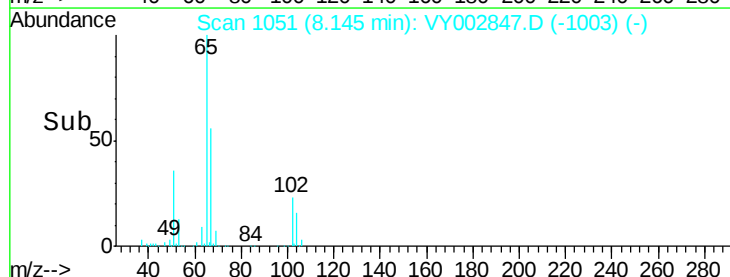
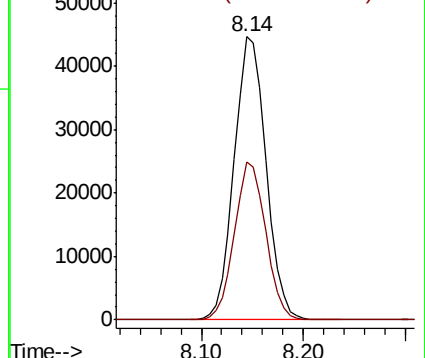
65 100

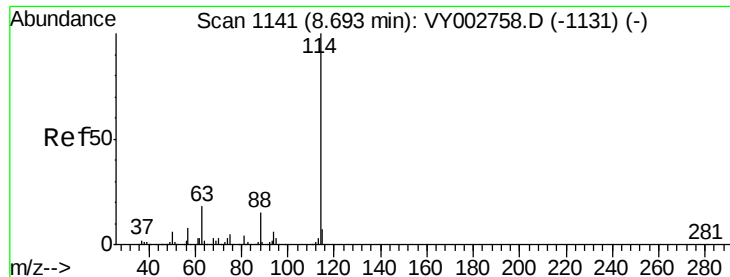
67 54.8 0.0 111.0



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: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY002847.D

Acq: 05 Jun 2020 14:38

Instrument :

MSVOA_Y

ClientSampleId :

S39-HSVE2-IDW01

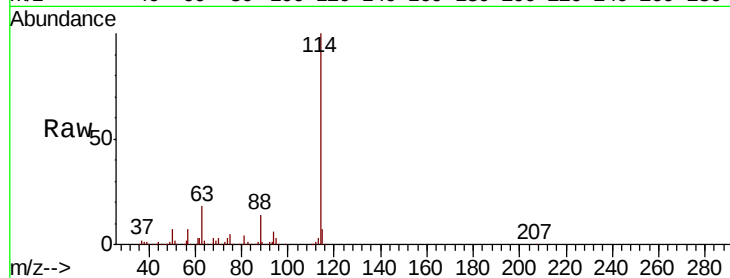
Tot Ion:114 Resp: 348211

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.2

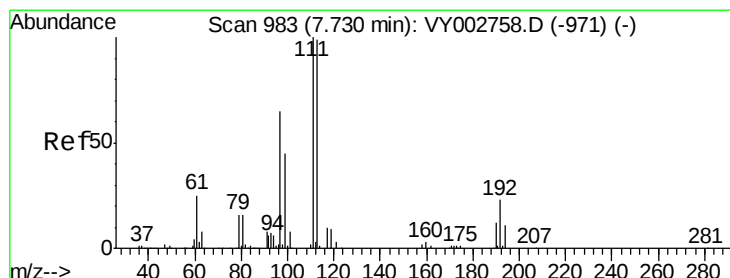
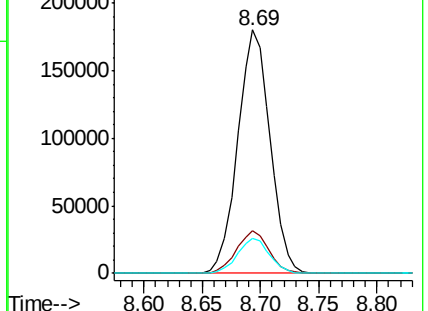
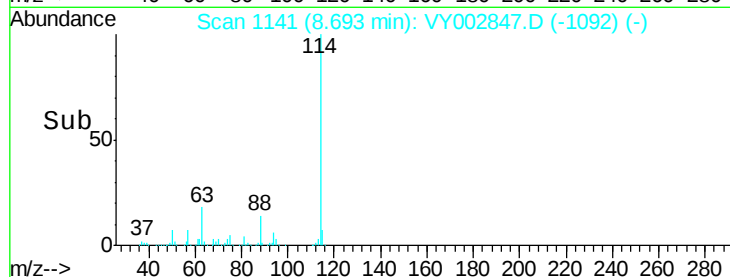
88 14.5 0.0 29.2



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: 45.587 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002847.D

Acq: 05 Jun 2020 14:38

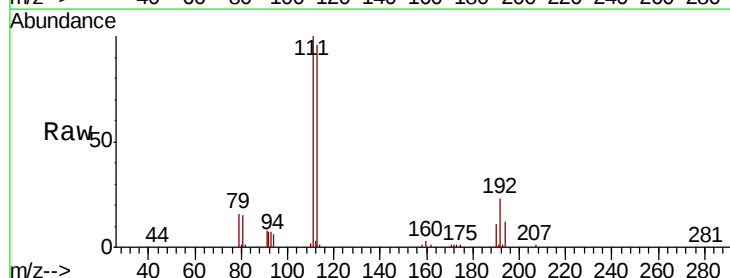
Tgt Ion:113 Resp: 93028

Ion Ratio Lower Upper

113 100

111 102.9 82.0 123.0

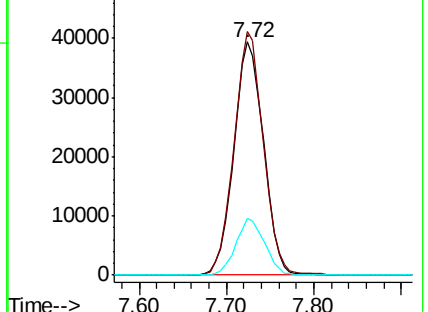
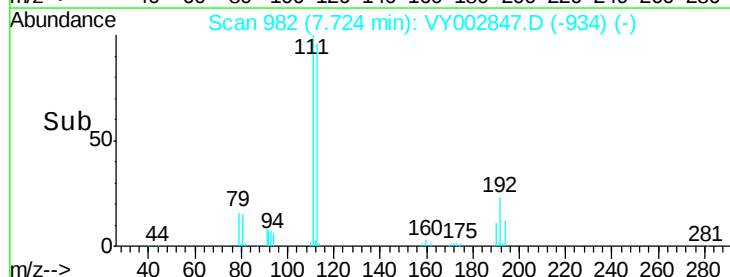
192 23.6 18.9 28.3

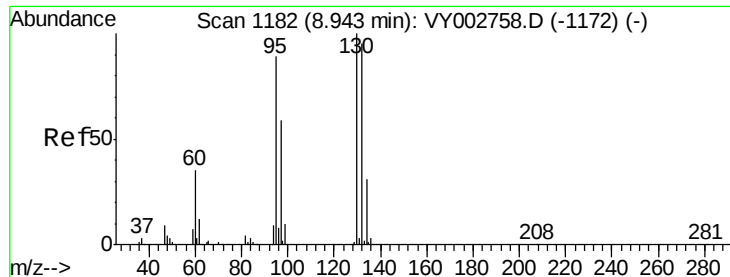


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 2.524 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY002847.D

Acq: 05 Jun 2020 14:38

Instrument :

MSVOA_Y

ClientSampleId :

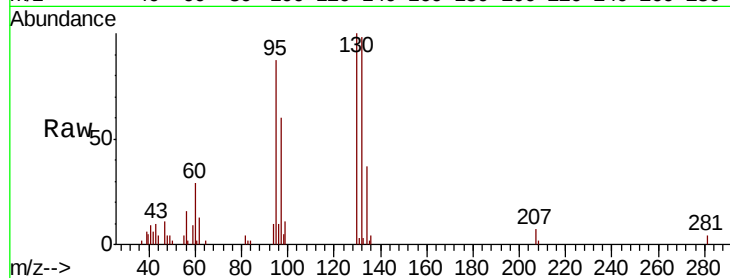
S39-HSVE2-IDW01

Tot Ion:130 Resp: 6909

Ion Ratio Lower Upper

130 100

95 87.1 0.0 178.8



Abundance Ion 129.80 (129.50 to 130.50): VY002847.D (-1172) (-)

Ion 94.90 (94.60 to 95.60): VY002847.D (-1172) (-)

8.94

4000

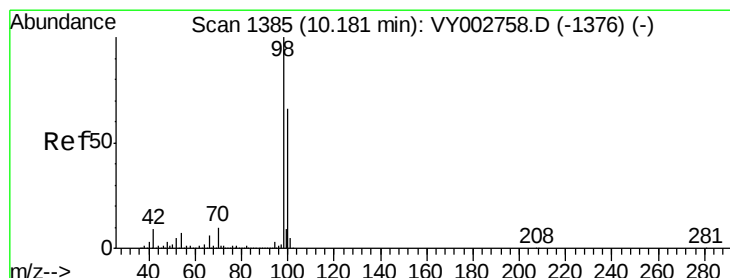
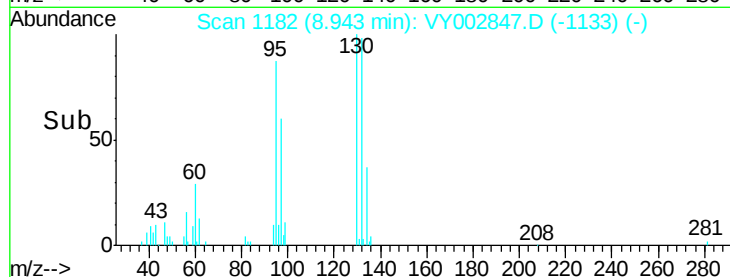
3000

2000

1000

0

Time--> 8.85 8.90 8.95 9.00



#50

Toluene-d8

Concen: 49.326 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002847.D

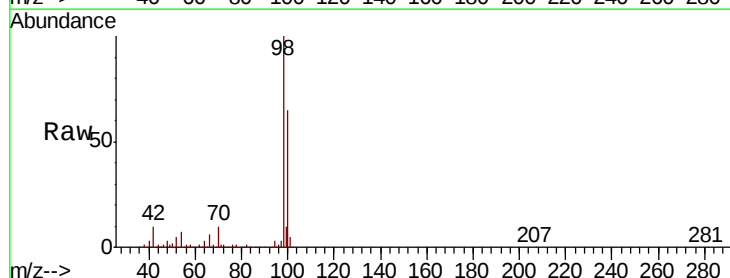
Acq: 05 Jun 2020 14:38

Tgt Ion: 98 Resp: 406995

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY002847.D (-1376) (-)

Ion 100.00 (99.70 to 100.70): VY002847.D (-1376) (-)

10.18

250000

200000

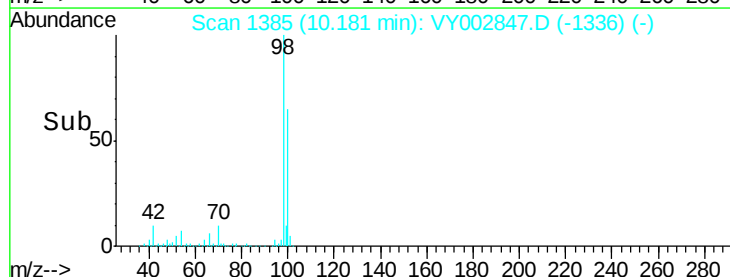
150000

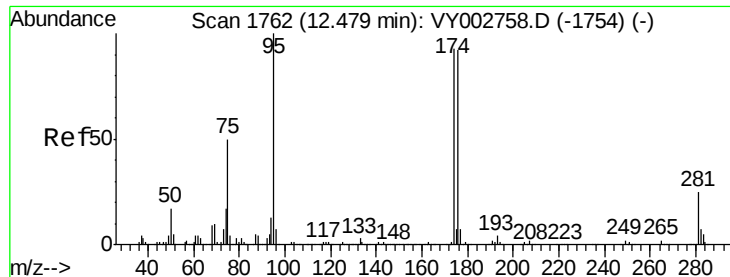
100000

50000

0

Time--> 10.10 10.20

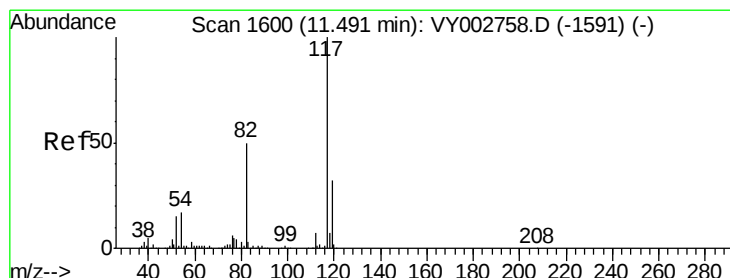
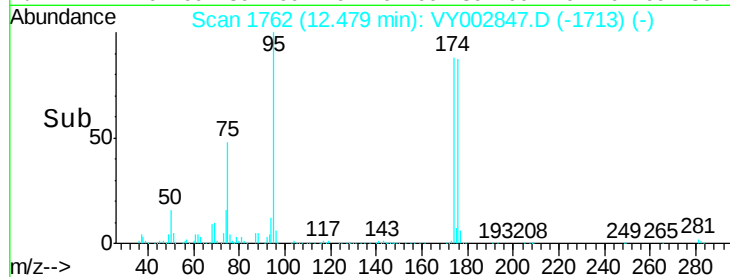
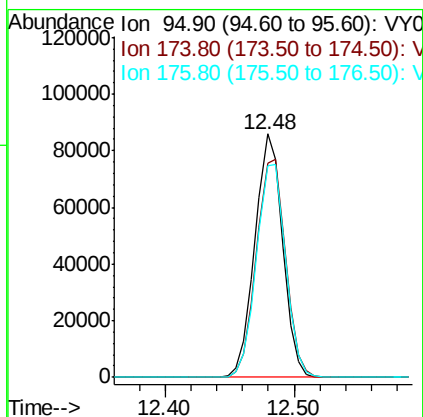
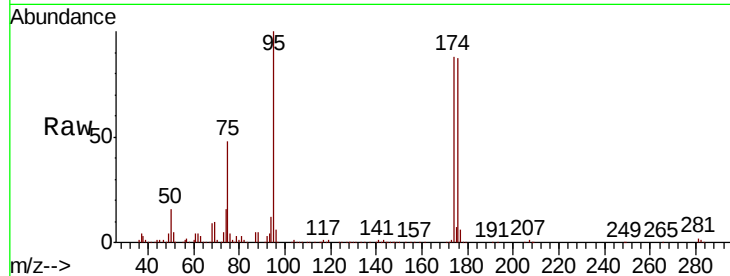




#62
4-Bromofluorobenzene
Concen: 45.236 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY002847.D
Acq: 05 Jun 2020 14:38

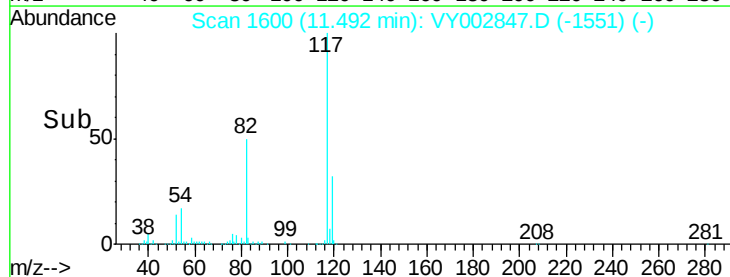
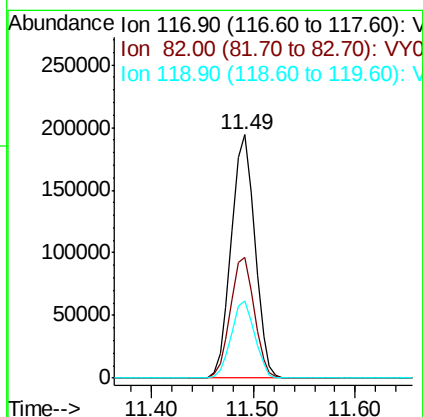
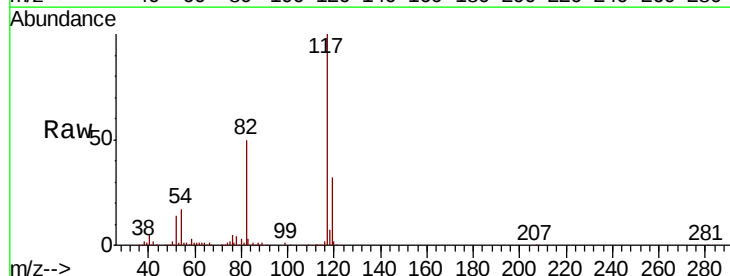
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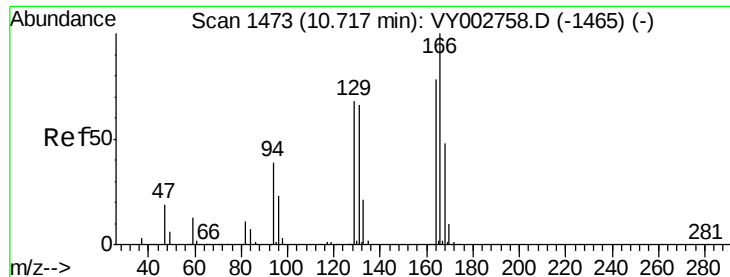
Tot Ion	95	Resp	127558
Ion Ratio	Lower	Upper	
95	100		
174	94.3	0.0	191.2
176	92.1	0.0	188.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002847.D
Acq: 05 Jun 2020 14:38

Tgt Ion	117	Resp	310008
Ion Ratio	Lower	Upper	
117	100		
82	49.6	40.2	60.4
119	31.9	25.8	38.8

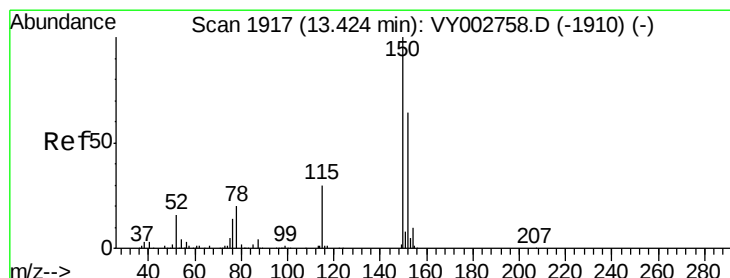
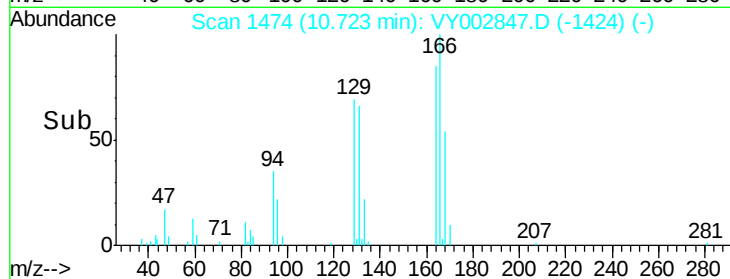
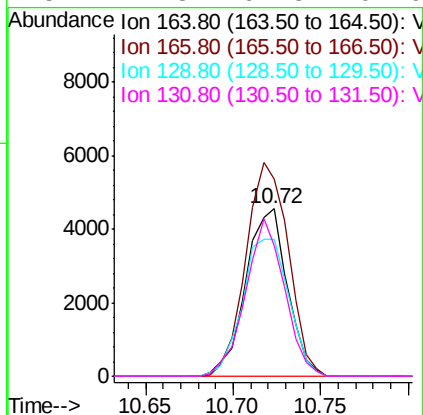
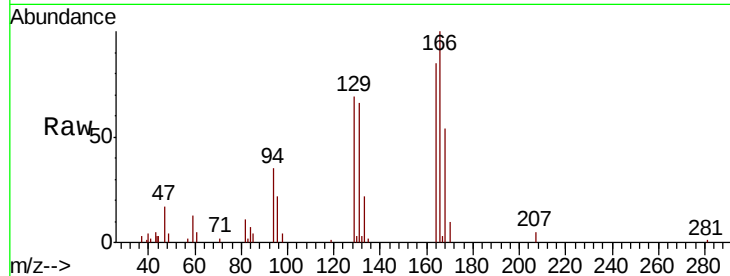




#64
Tetrachloroethene
Concen: 2.680 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VY002847.D
Acq: 05 Jun 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :
S39-HSVE2-IDW01

Tot Ion:164 Resp: 7551
Ion Ratio Lower Upper
164 100
166 117.9 102.3 153.5
129 81.5 69.4 104.2
131 77.8 67.8 101.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002847.D
Acq: 05 Jun 2020 14:38

Tgt Ion:152 Resp: 151220
Ion Ratio Lower Upper
152 100
115 52.7 27.0 81.0
150 153.8 0.0 344.8

