

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
 Data File : VY002065.D
 Acq On : 25 Mar 2020 14:38
 Operator : SY/MD
 Sample : L2029-01
 Misc : 8.07G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2F-(0-2)

Quant Time: Mar 26 07:34:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

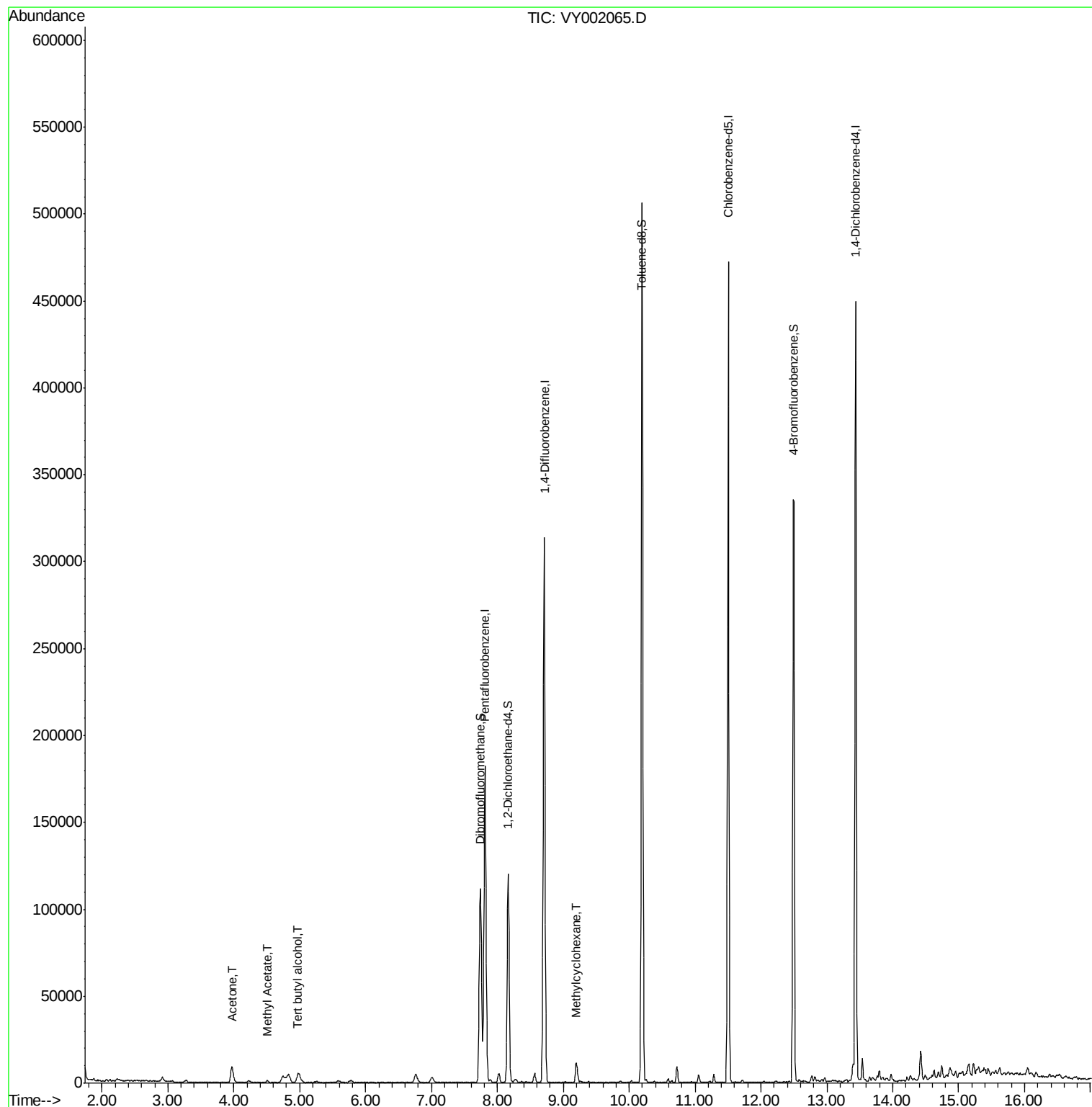
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	136899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	265380	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	247273	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	110847	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	86589	59.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.50%	
35) Dibromofluoromethane	7.74	113	79029	54.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.08%	
50) Toluene-d8	10.19	98	325685	53.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.60%	
62) 4-Bromofluorobenzene	12.49	95	114196	53.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.50%	
Target Compounds						
11) Tert butyl alcohol	4.97	59	11820	60.612	ug/l	98
16) Acetone	3.97	43	17075	40.113	ug/l	96
18) Methyl Acetate	4.51	43	2042	1.867	ug/l	96
39) Methylcyclohexane	9.21	83	4655	1.374	ug/l	99

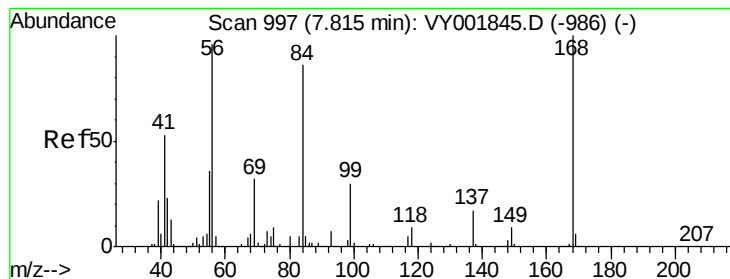
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY002065.D

Acq: 25 Mar 2020 14:38

Instrument :

MSVOA_Y

ClientSampleId :

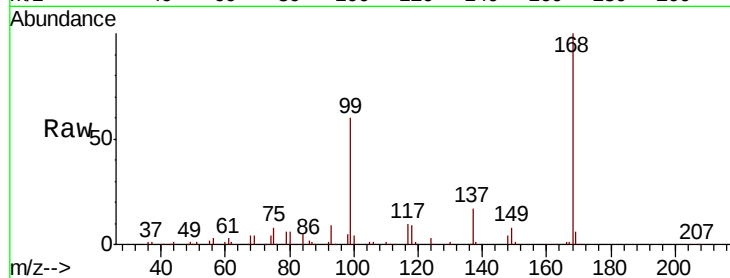
SB-2F-(0-2)

Tot Ion:168 Resp: 136899

Ion Ratio Lower Upper

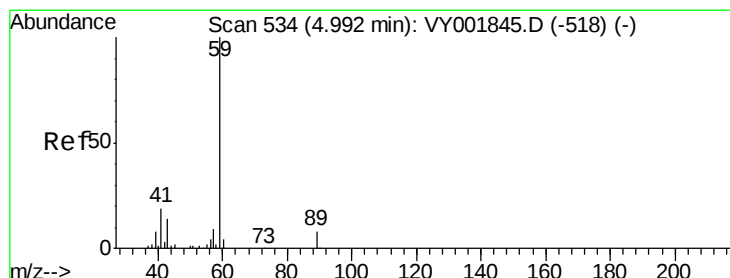
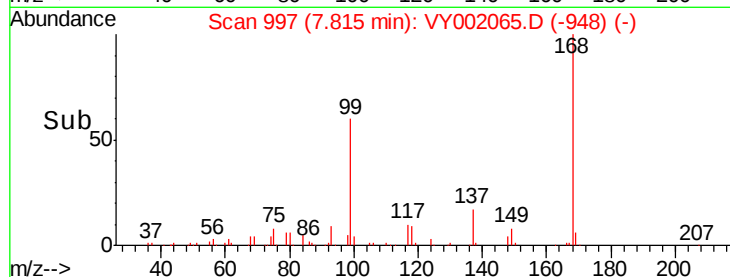
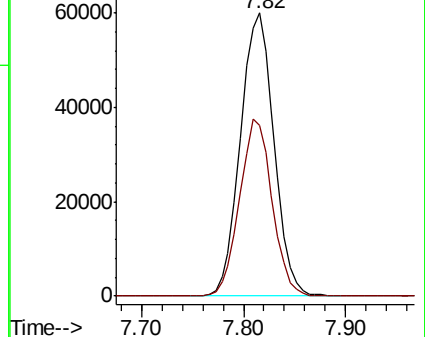
168 100

99 60.3 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)



#11

Tert butyl alcohol

Concen: 60.612 ug/l

RT: 4.97 min Scan# 531

Delta R.T. -0.02 min

Lab File: VY002065.D

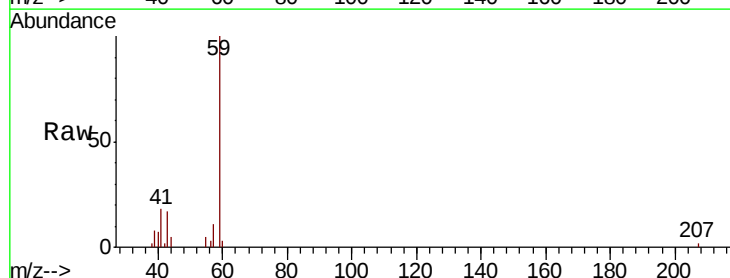
Acq: 25 Mar 2020 14:38

Tgt Ion: 59 Resp: 11820

Ion Ratio Lower Upper

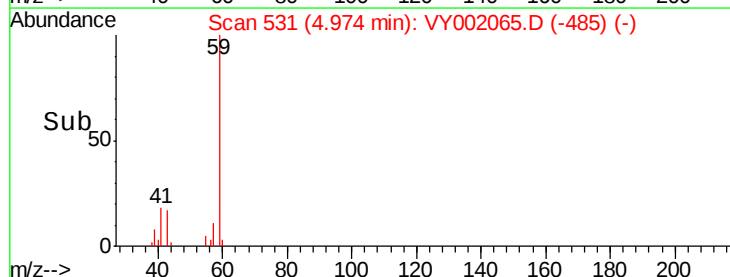
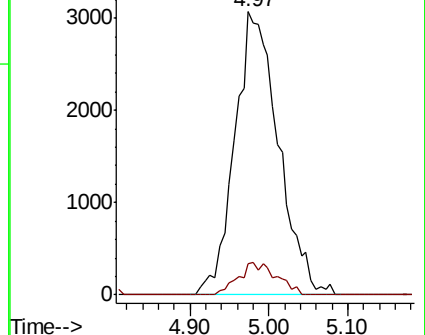
59 100

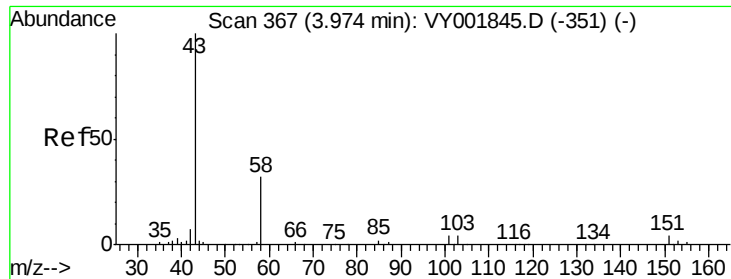
57 10.0 7.4 11.2



Abundance Ion 59.00 (58.70 to 59.70): VY001845.D (-518) (-)

Ion 57.00 (56.70 to 57.70): VY001845.D (-518) (-)





#16

Acetone

Concen: 40.113 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY002065.D

Acq: 25 Mar 2020 14:38

Instrument :

MSVOA_Y

ClientSampleId :

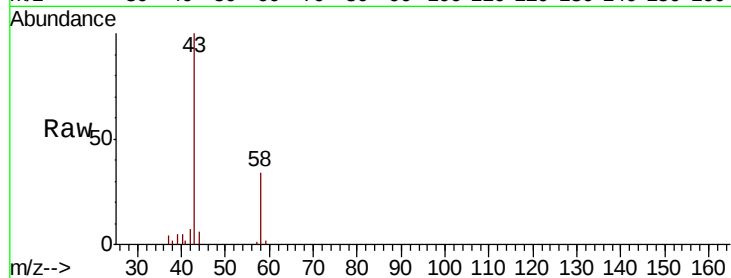
SB-2F-(0-2)

Tot Ion: 43 Resp: 17075

Ion Ratio Lower Upper

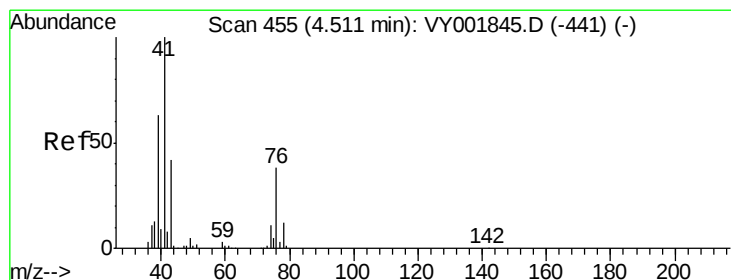
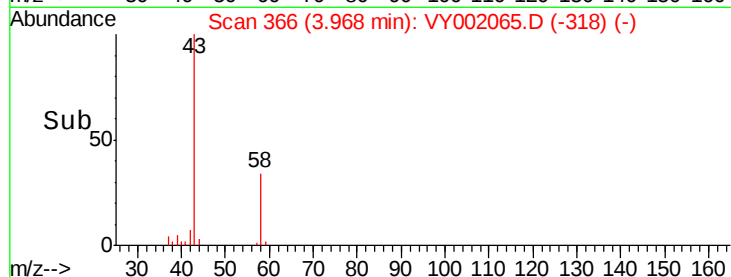
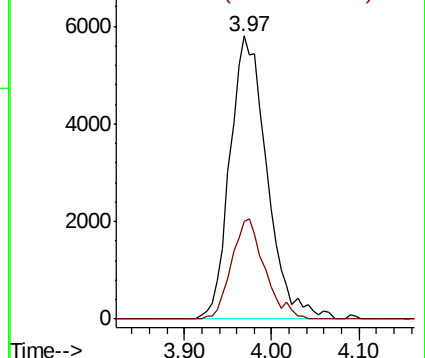
43 100

58 34.5 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#18

Methyl Acetate

Concen: 1.867 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.00 min

Lab File: VY002065.D

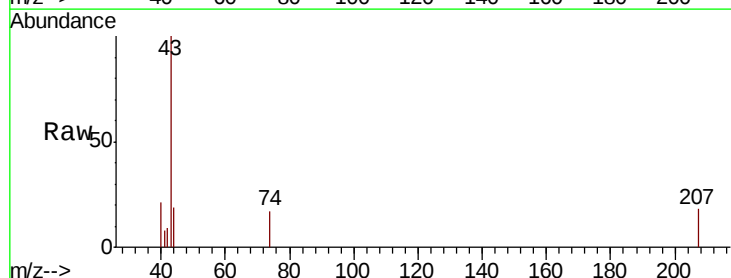
Acq: 25 Mar 2020 14:38

Tgt Ion: 43 Resp: 2042

Ion Ratio Lower Upper

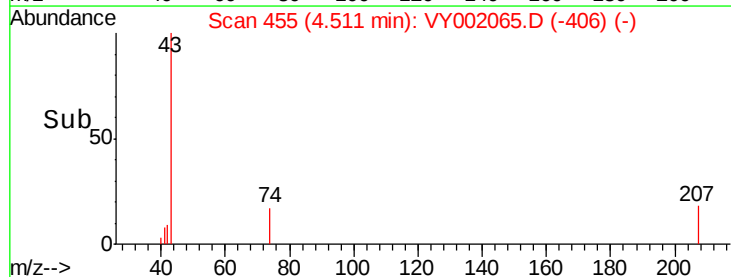
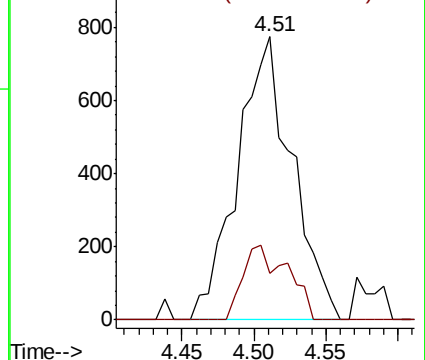
43 100

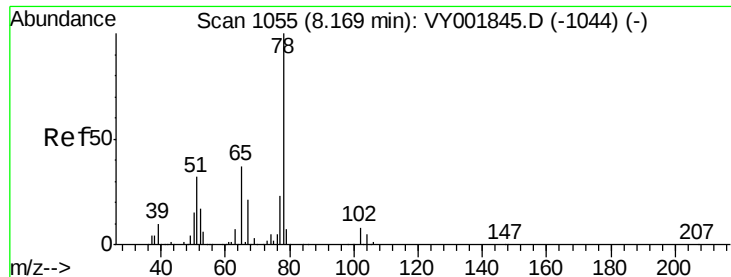
74 21.6 19.0 28.6



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: 59.247 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY002065.D

Acq: 25 Mar 2020 14:38

Instrument :

MSVOA_Y

ClientSampleId :

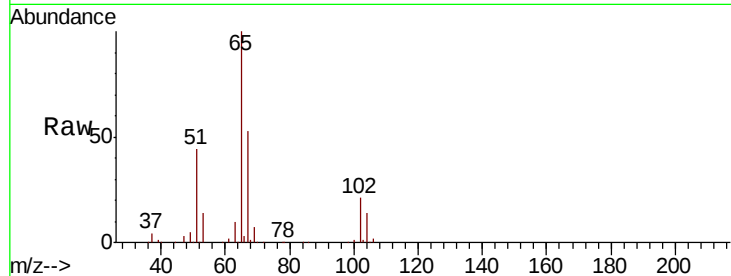
SB-2F-(0-2)

Tot Ion: 65 Resp: 86589

Ion Ratio Lower Upper

65 100

67 54.7 0.0 110.8

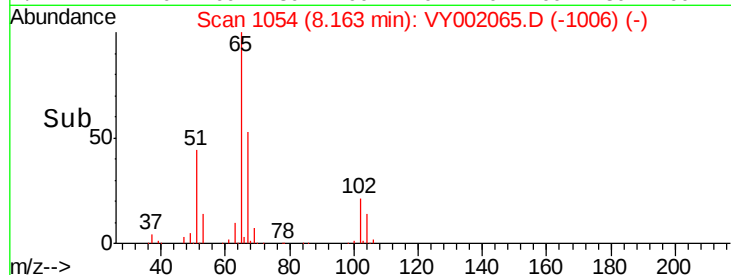


Abundance Ion 64.90 (64.60 to 65.60): VY001845.D (-1044) (-)

Ion 66.90 (66.60 to 67.60): VY001845.D (-1044) (-)

8.16

Time-->

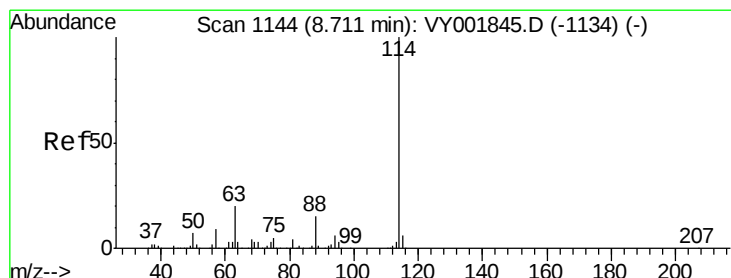


Abundance Ion 64.90 (64.60 to 65.60): VY002065.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY002065.D (-1006) (-)

8.16

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY002065.D

Acq: 25 Mar 2020 14:38

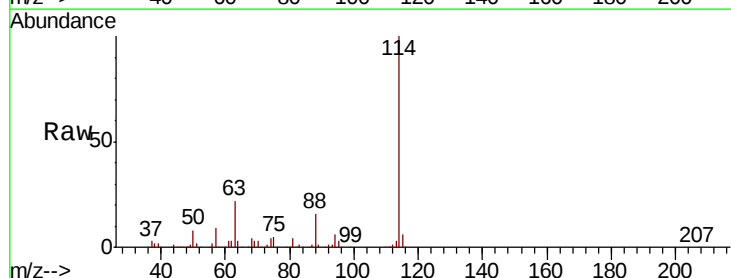
Tgt Ion: 114 Resp: 265380

Ion Ratio Lower Upper

114 100

63 21.6 0.0 39.4

88 15.9 0.0 30.4



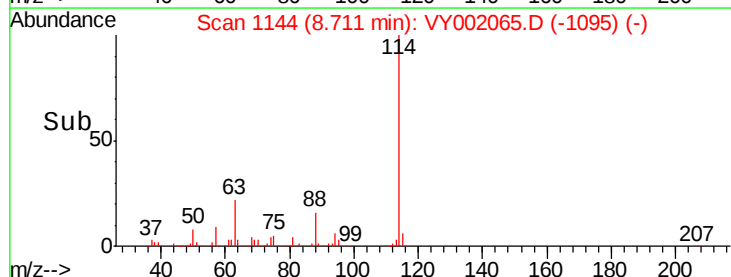
Abundance Ion 113.90 (113.60 to 114.60): VY001845.D (-1134) (-)

Ion 63.00 (62.70 to 63.70): VY001845.D (-1134) (-)

Ion 87.90 (87.60 to 88.60): VY001845.D (-1134) (-)

8.71

Time-->



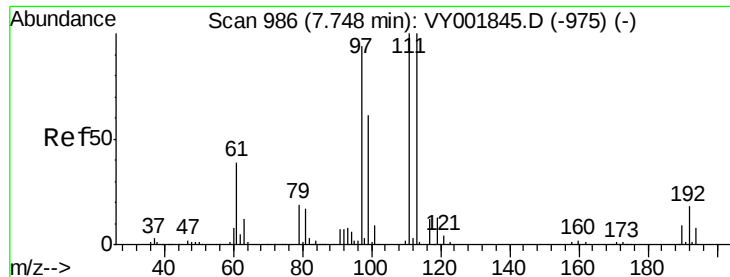
Abundance Ion 113.90 (113.60 to 114.60): VY002065.D (-1095) (-)

Ion 63.00 (62.70 to 63.70): VY002065.D (-1095) (-)

Ion 87.90 (87.60 to 88.60): VY002065.D (-1095) (-)

8.71

Time-->



#35

Dibromofluoromethane

Concen: 54.537 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY002065.D

Acq: 25 Mar 2020 14:38

Instrument :

MSVOA_Y

ClientSampleId :

SB-2F-(0-2)

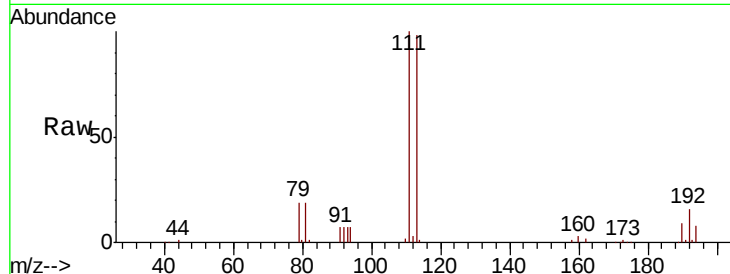
Tot Ion:113 Resp: 79029

Ion Ratio Lower Upper

113 100

111 104.1 81.8 122.8

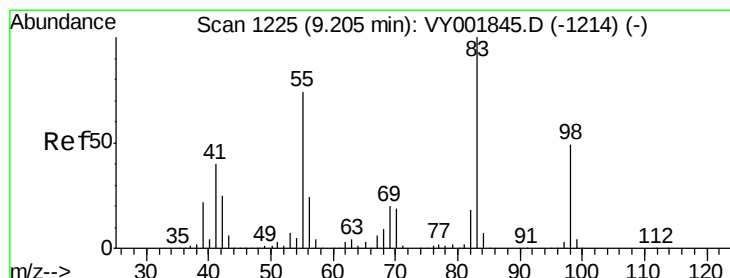
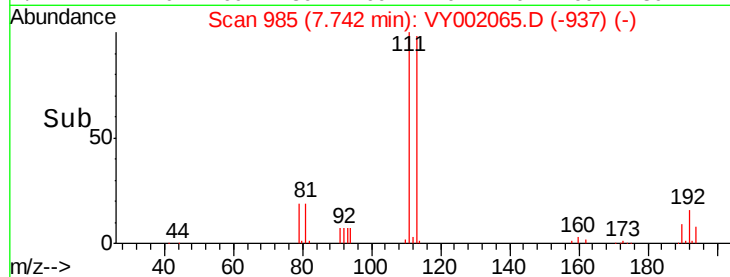
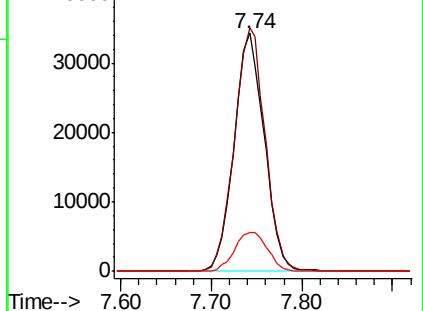
192 18.1 14.2 21.2



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



#39

Methylcyclohexane

Concen: 1.374 ug/l

RT: 9.21 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VY002065.D

Acq: 25 Mar 2020 14:38

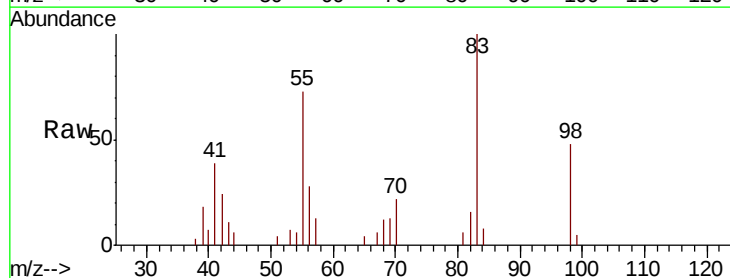
Tgt Ion: 83 Resp: 4655

Ion Ratio Lower Upper

83 100

55 73.0 59.4 89.0

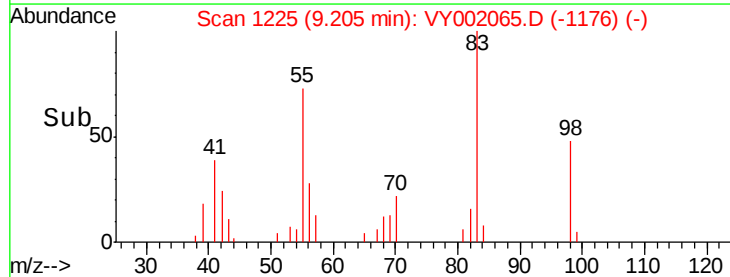
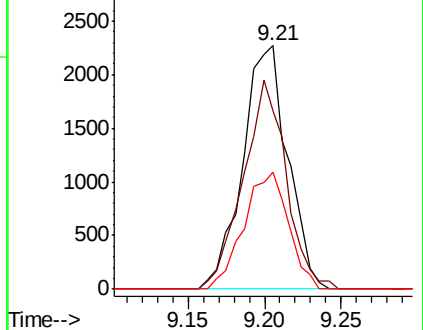
98 48.1 38.9 58.3

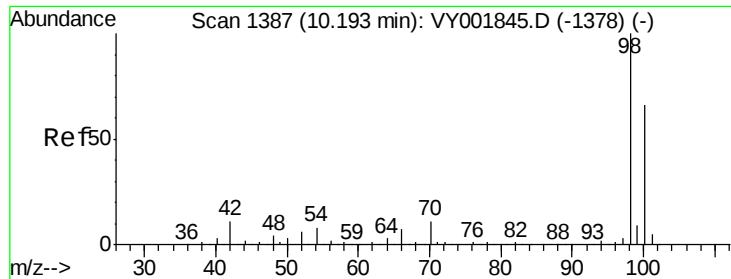


Abundance Ion 83.00 (82.70 to 83.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 98.00 (97.70 to 98.70): VY0





#50

Toluene-d8

Concen: 53.298 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY002065.D

Acq: 25 Mar 2020 14:38

Instrument :

MSVOA_Y

ClientSampleId :

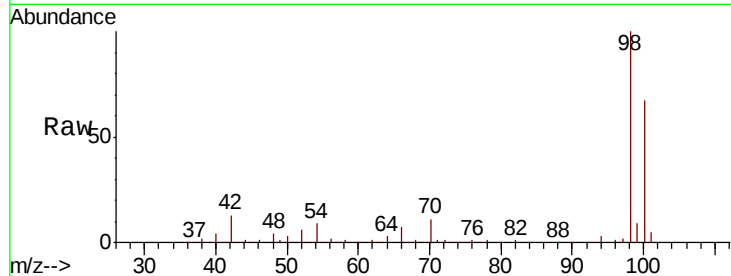
SB-2F-(0-2)

Tot Ion: 98 Resp: 325685

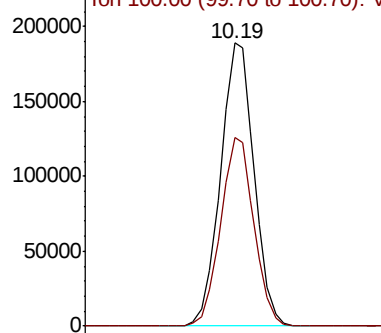
Ion Ratio Lower Upper

98 100

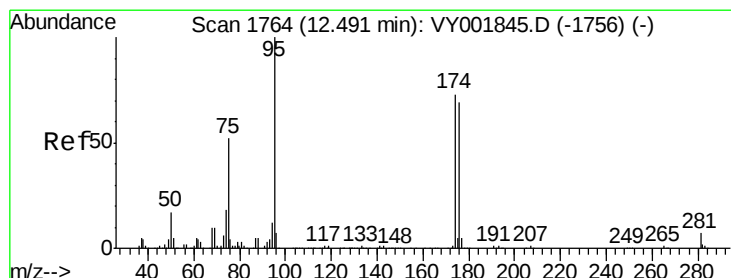
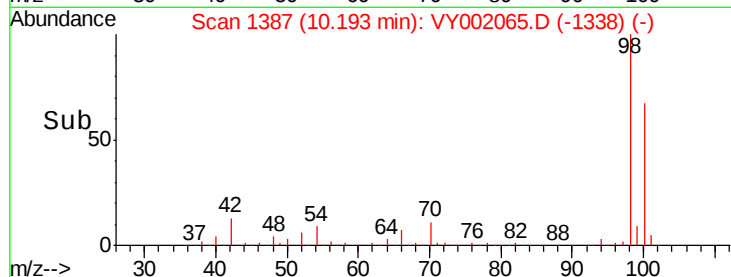
100 66.3 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001845.D (-1378) (-)



Time-->



#62

4-Bromofluorobenzene

Concen: 53.746 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY002065.D

Acq: 25 Mar 2020 14:38

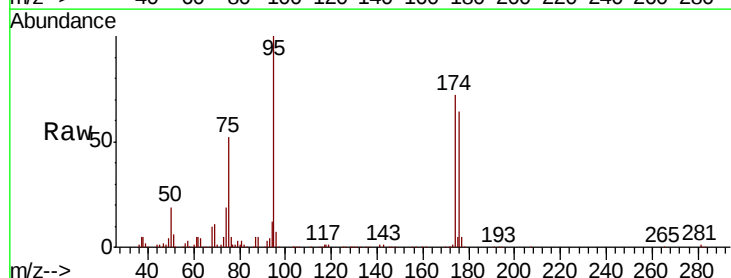
Tgt Ion: 95 Resp: 114196

Ion Ratio Lower Upper

95 100

174 71.5 0.0 145.0

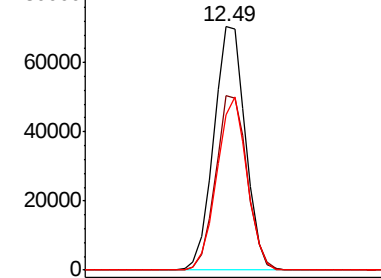
176 68.1 0.0 137.4



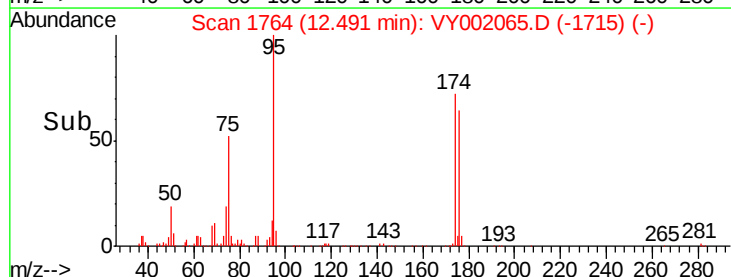
Abundance Ion 94.90 (94.60 to 95.60): VY001845.D (-1756) (-)

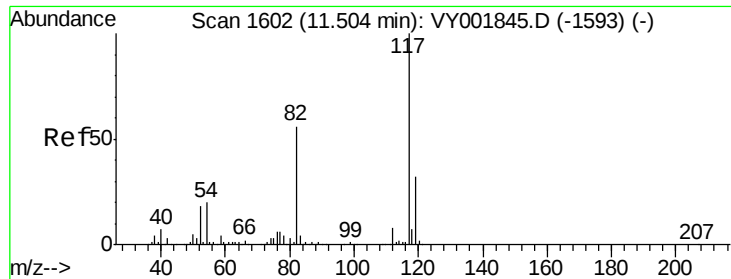
Ion 173.80 (173.50 to 174.50): VY001845.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY001845.D (-1756) (-)



Time-->

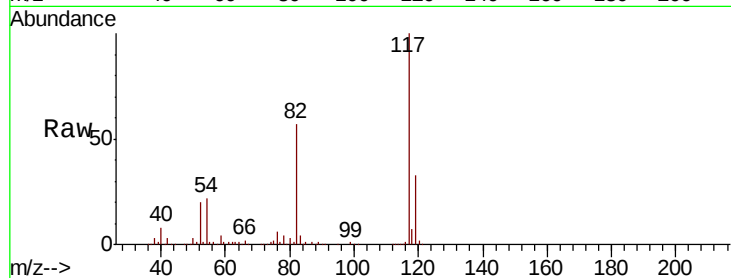




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY002065.D
Acq: 25 Mar 2020 14:38

Instrument :
MSVOA_Y
ClientSampleId :
SB-2F-(0-2)

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.9	44.5	66.7
119	32.9	25.7	38.5

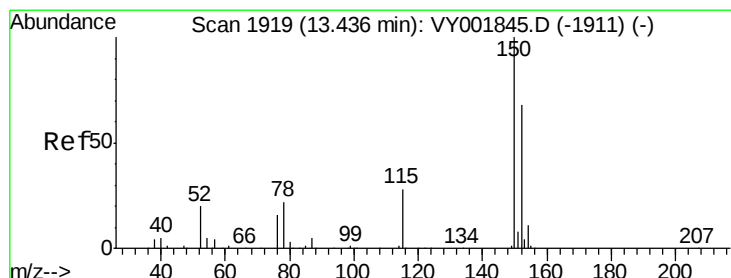
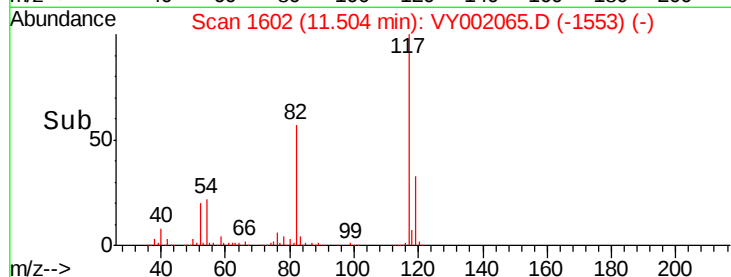
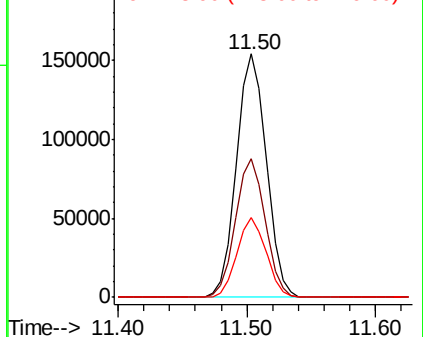


Abundance

Ion 116.90 (116.60 to 117.60): V

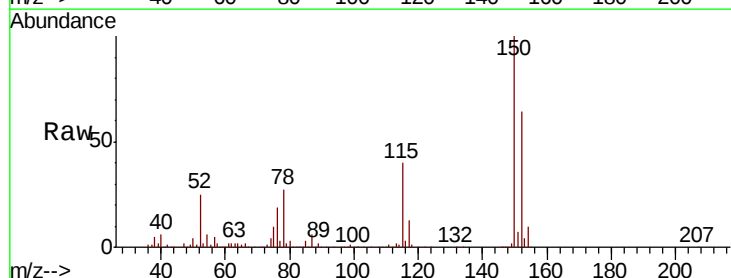
Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY002065.D
Acq: 25 Mar 2020 14:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.7	29.9	89.7
150	155.5	0.0	340.6



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

