

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030620\
 Data File : VY001898.D
 Acq On : 06 Mar 2020 13:48
 Operator : SY/MD
 Sample : L1762-10RE
 Misc : 3.56G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-08-030520RE

Quant Time: Mar 06 23:42:05 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

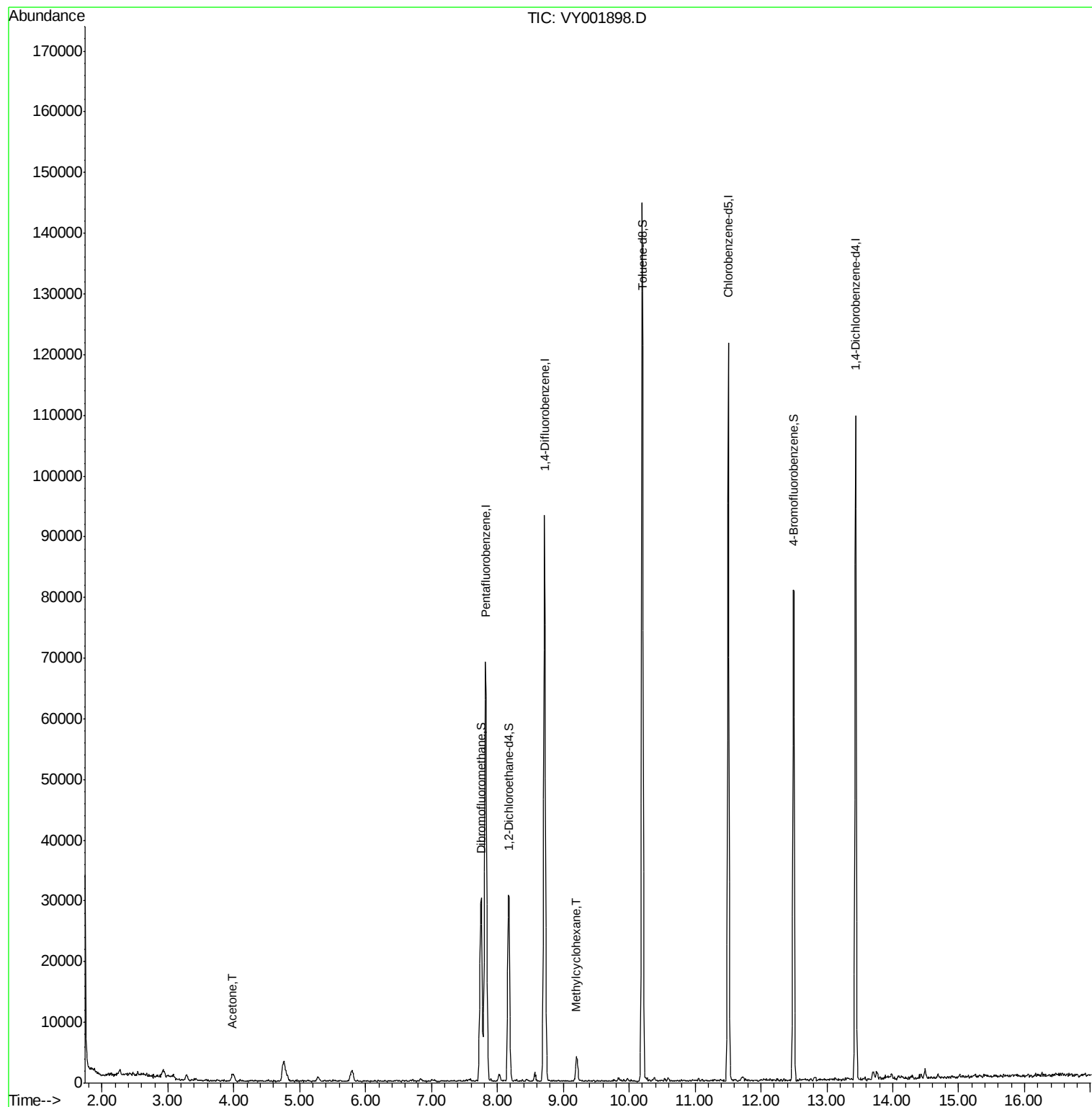
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	50079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	79827	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	62895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	25994	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	23140	43.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.56%	
35) Dibromofluoromethane	7.75	113	22196	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
50) Toluene-d8	10.20	98	93287	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.50%	
62) 4-Bromofluorobenzene	12.49	95	27044	42.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.62%	
Target Compounds						
16) Acetone	3.98	43	2341	15.034	ug/l #	79
39) Methylcyclohexane	9.20	83	1672	1.641	ug/l	98

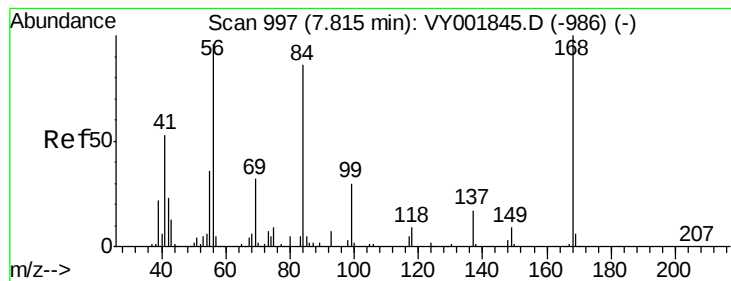
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001898.D

Acq: 06 Mar 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

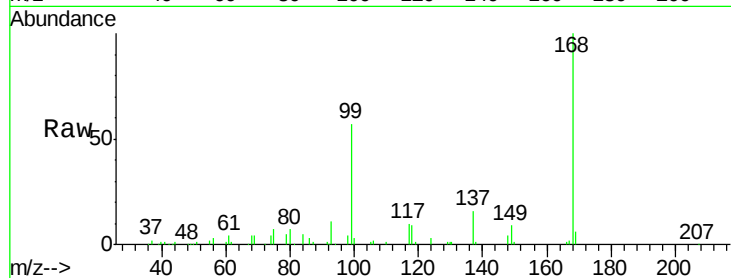
TR-08-030520RE

Tot Ion:168 Resp: 50079

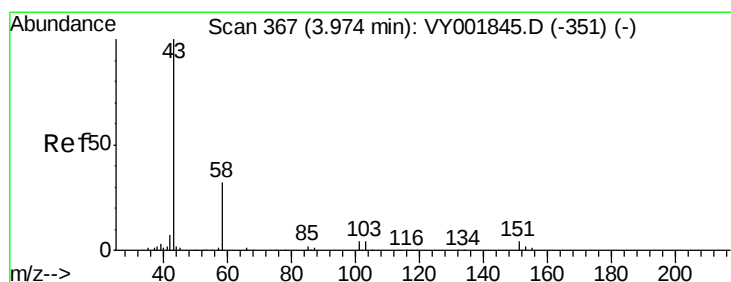
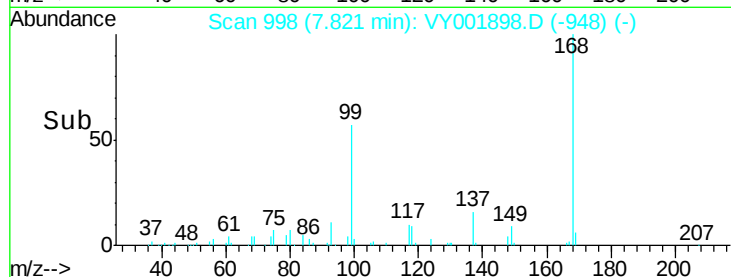
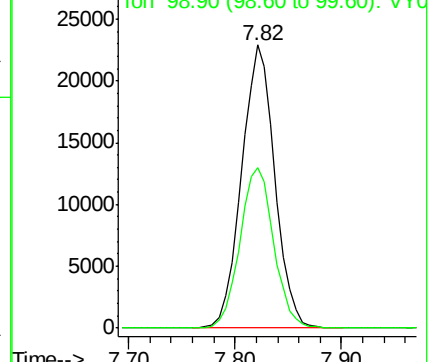
Ion Ratio Lower Upper

168 100

99 56.7 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001898.D (-948) (-)



#16

Acetone

Concen: 15.034 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY001898.D

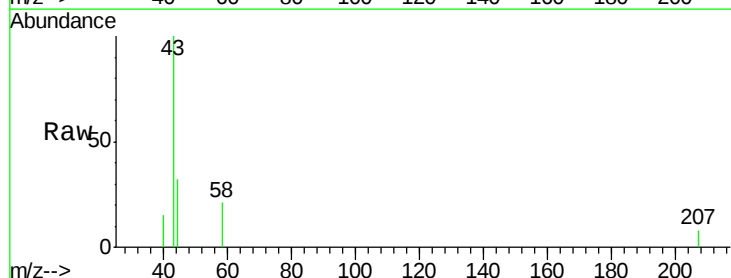
Acq: 06 Mar 2020 13:48

Tgt Ion: 43 Resp: 2341

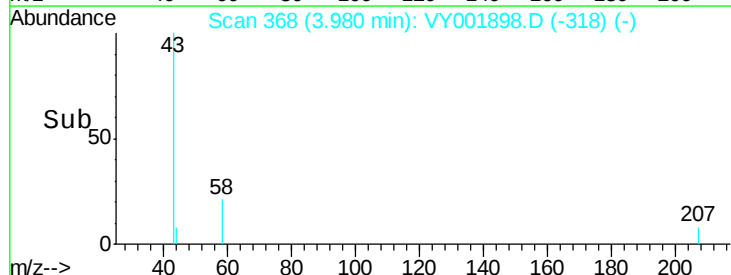
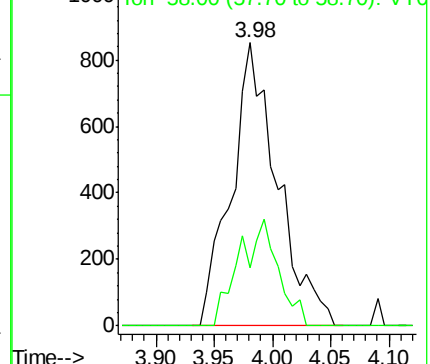
Ion Ratio Lower Upper

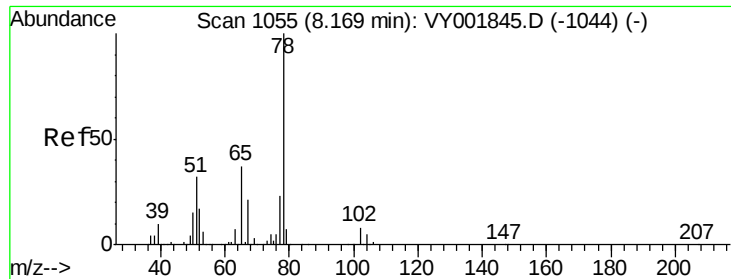
43 100

58 20.7 25.9 38.9#



Abundance Ion 43.00 (42.70 to 43.70): VY001898.D (-318) (-)





#33

1,2-Dichloroethane-d4

Concen: 43.283 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VY001898.D

Acq: 06 Mar 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

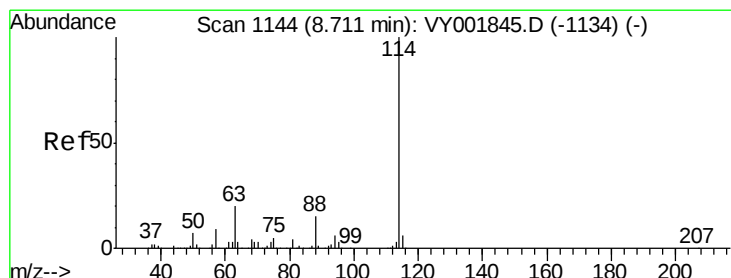
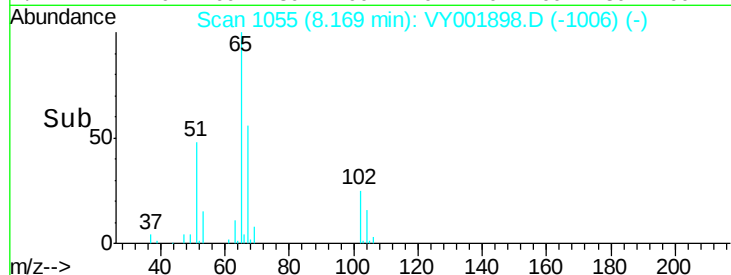
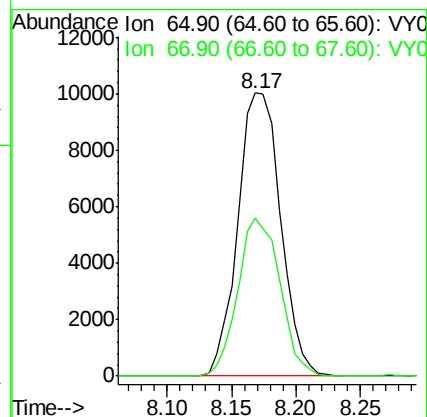
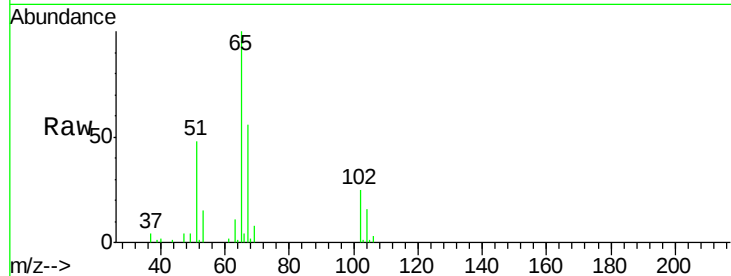
TR-08-030520RE

Tot Ion: 65 Resp: 23140

Ion Ratio Lower Upper

65 100

67 54.7 0.0 110.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY001898.D

Acq: 06 Mar 2020 13:48

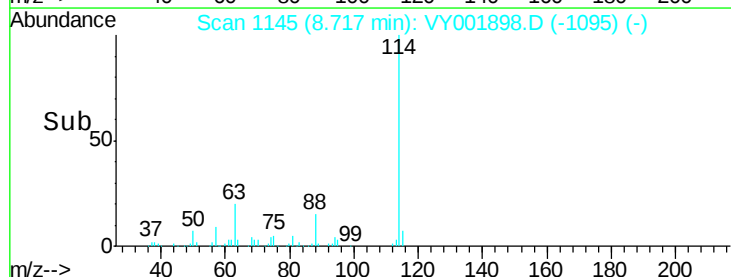
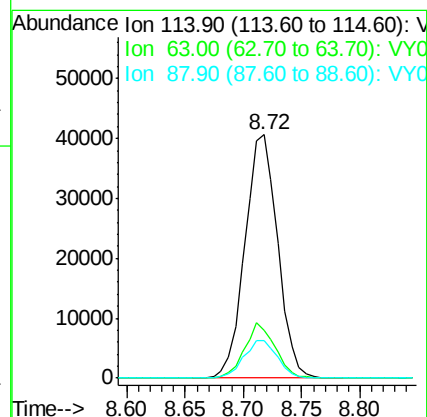
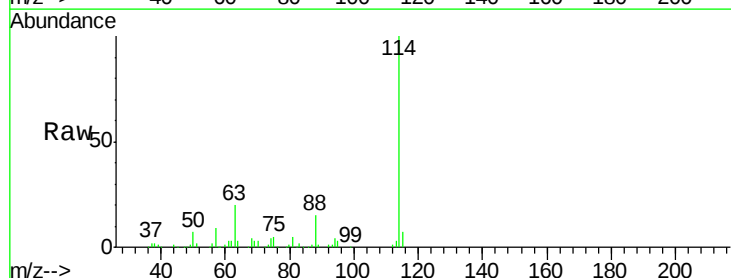
Tgt Ion: 114 Resp: 79827

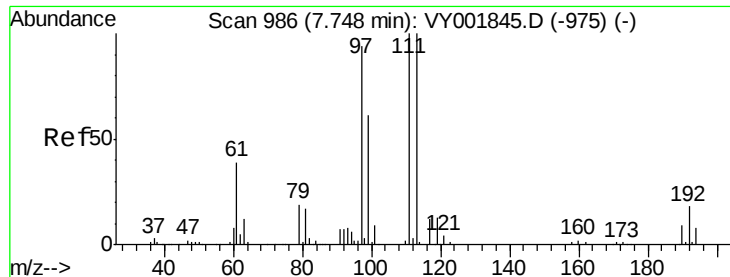
Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.4

88 15.4 0.0 30.4

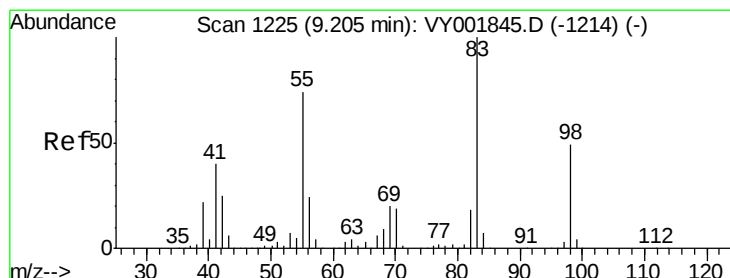
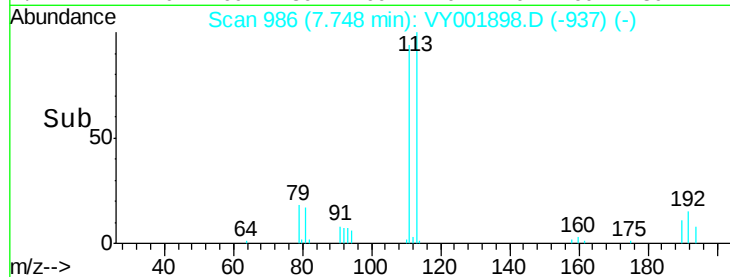
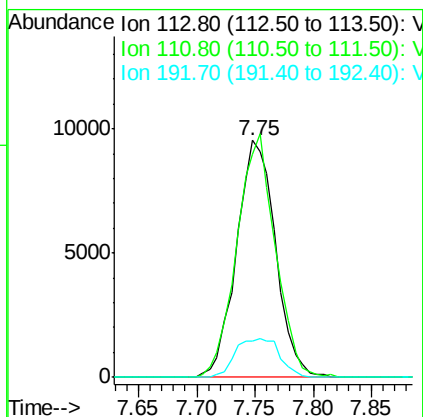
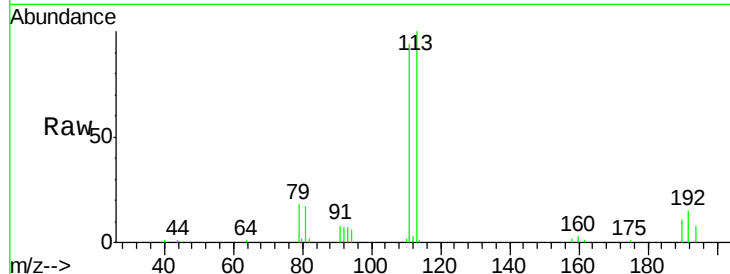




#35
 Dibromofluoromethane
 Concen: 50.921 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: VY001898.D
 Acq: 06 Mar 2020 13:48

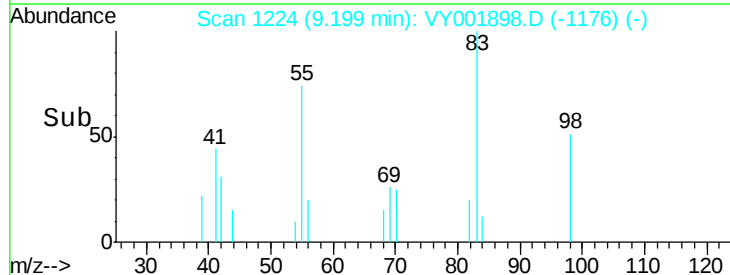
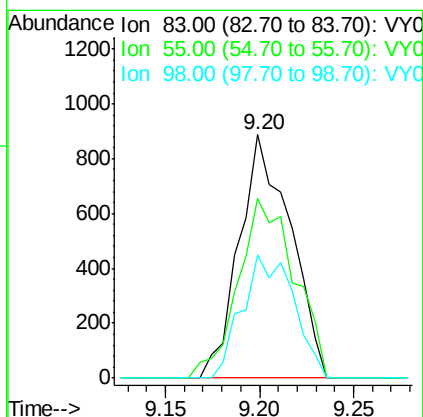
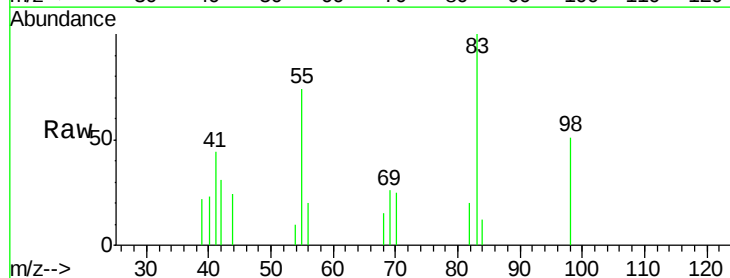
Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-08-030520RE

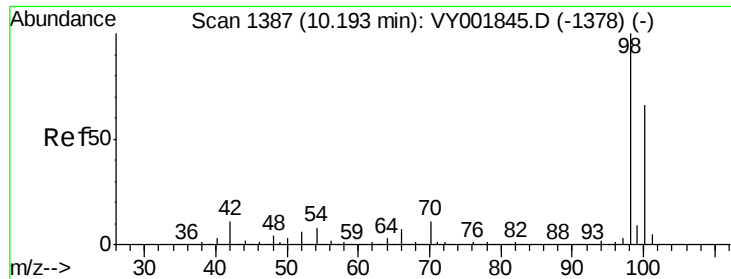
Tot Ion:113 Resp: 22196
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.8 122.8
 192 18.6 14.2 21.2



#39
 Methylcyclohexane
 Concen: 1.641 ug/l
 RT: 9.20 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: VY001898.D
 Acq: 06 Mar 2020 13:48

Tgt Ion: 83 Resp: 1672
 Ion Ratio Lower Upper
 83 100
 55 73.5 59.4 89.0
 98 50.6 38.9 58.3





#50

Toluene-d8

Concen: 50.752 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001898.D

Acq: 06 Mar 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

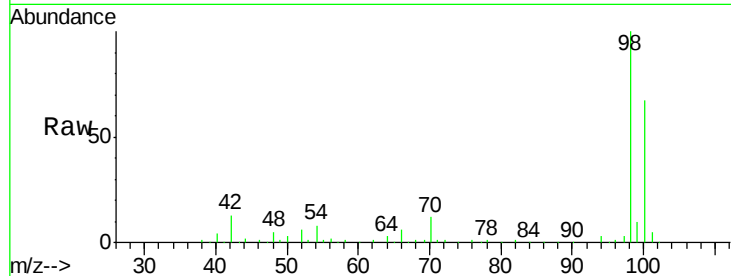
TR-08-030520RE

Tot Ion: 98 Resp: 93287

Ion Ratio Lower Upper

98 100

100 65.7 53.0 79.4



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

Ion 100.00 (99.70 to 100.70): VY001845.D (-1378) (-)

60000

50000

40000

30000

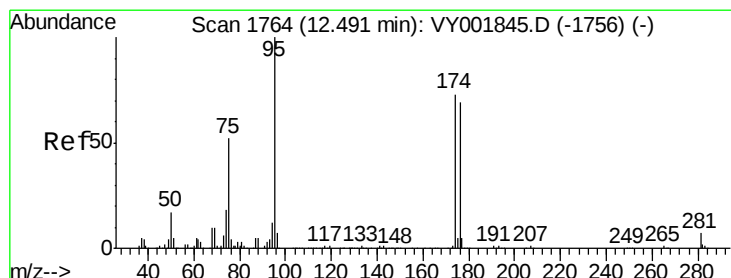
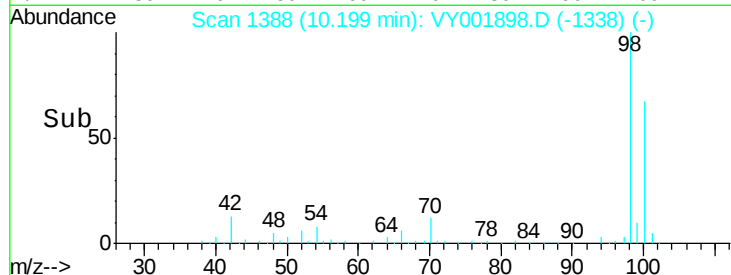
20000

10000

0

Time-->

10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: 42.314 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY001898.D

Acq: 06 Mar 2020 13:48

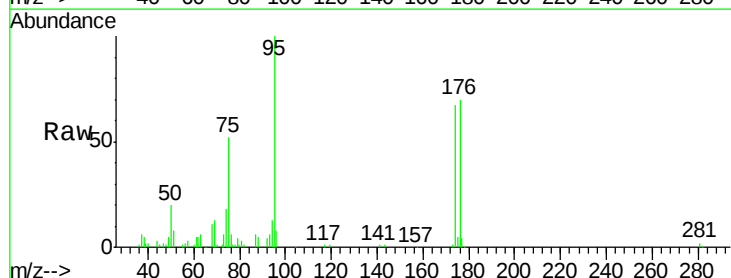
Tgt Ion: 95 Resp: 27044

Ion Ratio Lower Upper

95 100

174 73.5 0.0 145.0

176 71.5 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) (-)

20000

15000

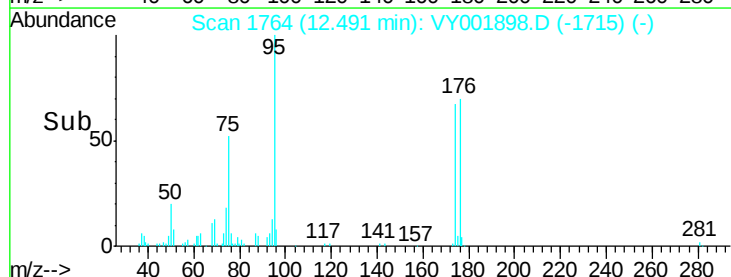
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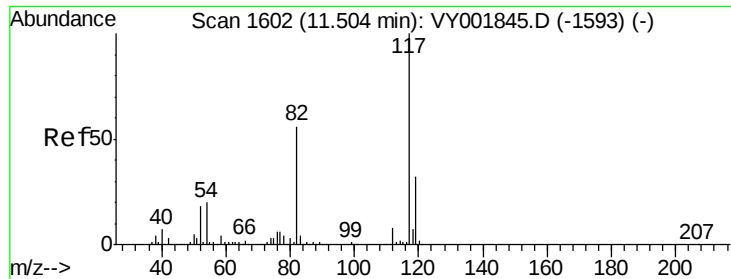
5000

0

Time-->

12.40 12.45 12.50 12.55

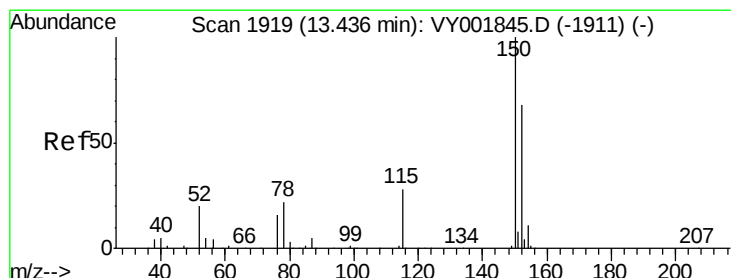
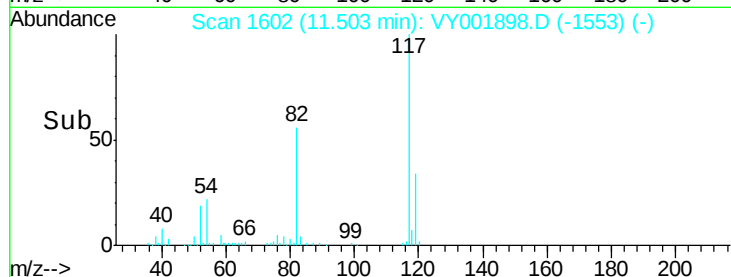
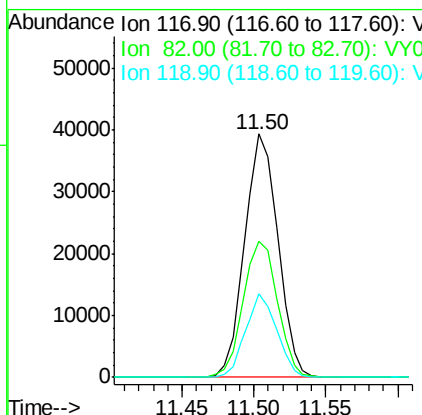
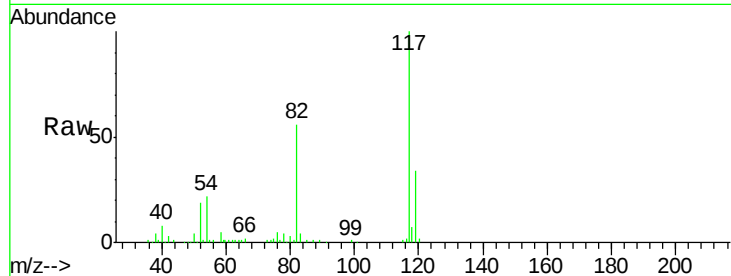




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VY001898.D
Acq: 06 Mar 2020 13:48

Instrument :
MSVOA_Y
ClientSampleId :
TR-08-030520RE

Tot Ion:117 Resp: 62895
Ion Ratio Lower Upper
117 100
82 55.7 44.5 66.7
119 34.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY001898.D
Acq: 06 Mar 2020 13:48

Tgt Ion:152 Resp: 25994
Ion Ratio Lower Upper
152 100
115 61.6 29.9 89.7
150 156.3 0.0 340.6

