

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030520\
 Data File : VY001874.D
 Acq On : 05 Mar 2020 12:21
 Operator : SY/MD
 Sample : L1748-01RE
 Misc : 5.62G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AU-06-030320RE

Quant Time: Mar 06 04:56:00 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

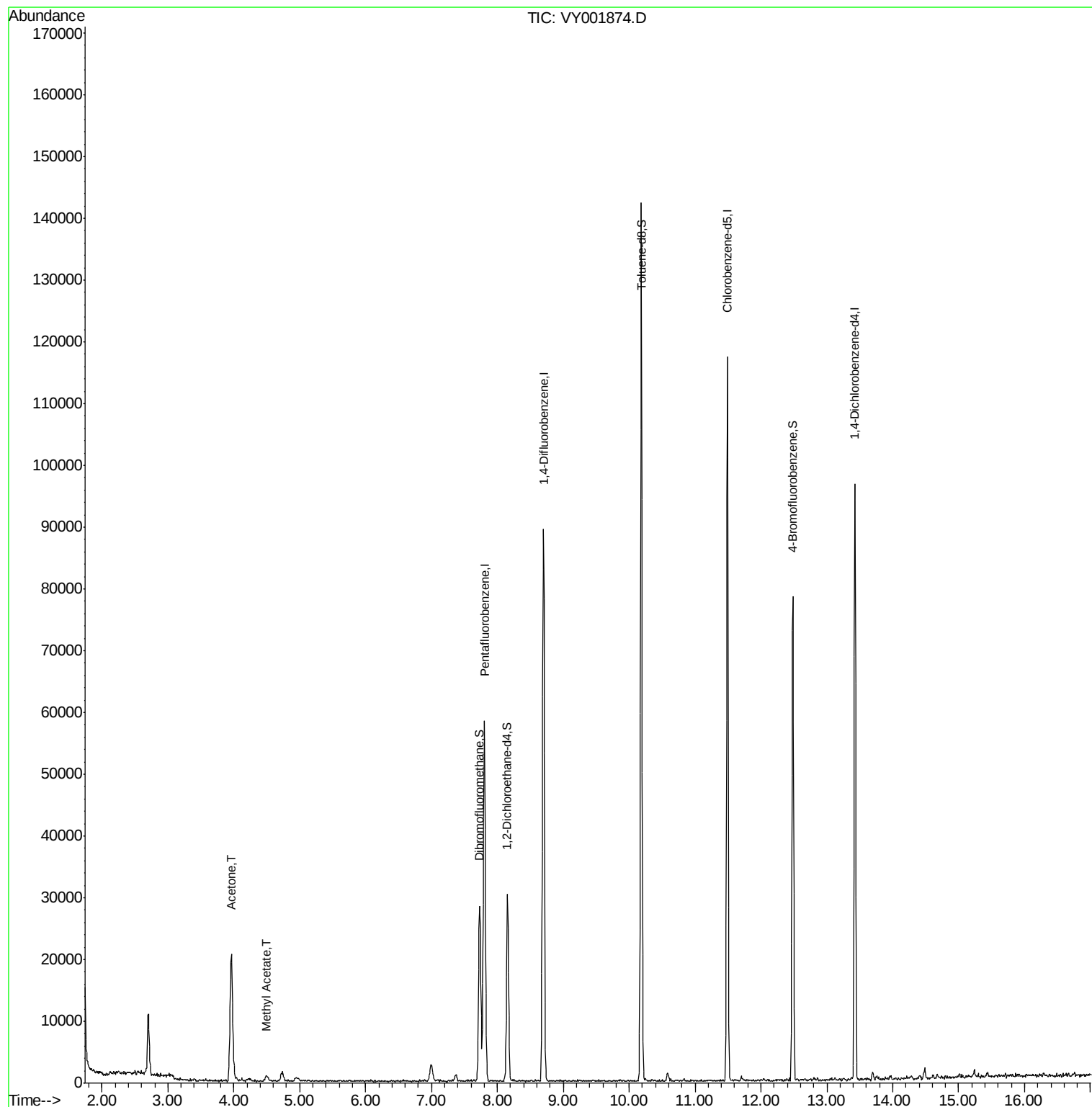
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	43149	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	75617	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	61212	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.42	152	24241	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	22559	48.97	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	97.94%	
35) Dibromofluoromethane	7.73	113	20738	50.22	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	100.44%	
50) Toluene-d8	10.18	98	88173	50.64	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	101.28%	
62) 4-Bromofluorobenzene	12.49	95	25907	42.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.58%	
Target Compounds						
16) Acetone	3.96	43	36026	268.515	ug/l	96
18) Methyl Acetate	4.50	43	2093	6.071	ug/l #	73

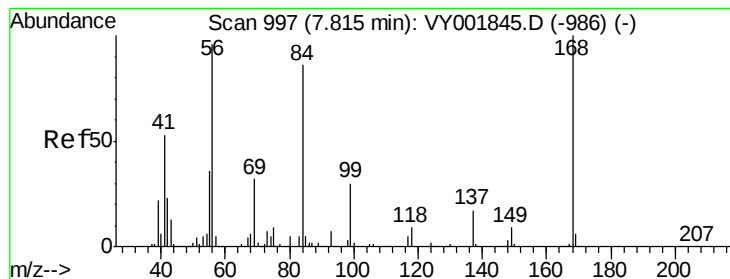
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001874.D

Acq: 05 Mar 2020 12:21

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MSVOA_Y

ClientSampleId :

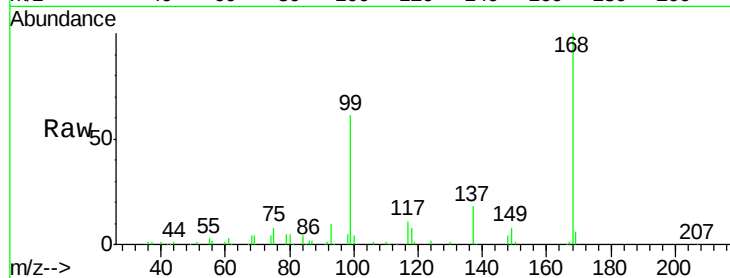
AU-06-030320RE

Tot Ion:168 Resp: 43149

Ion Ratio Lower Upper

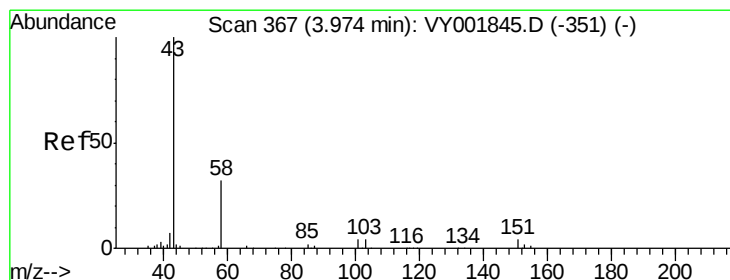
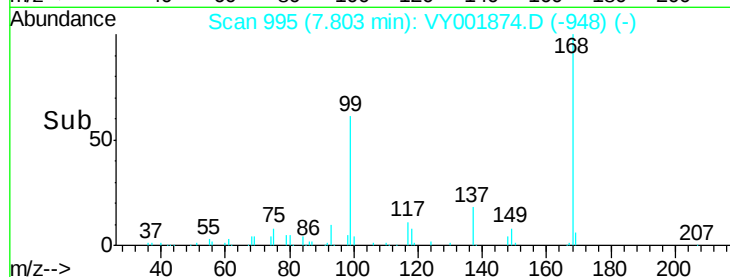
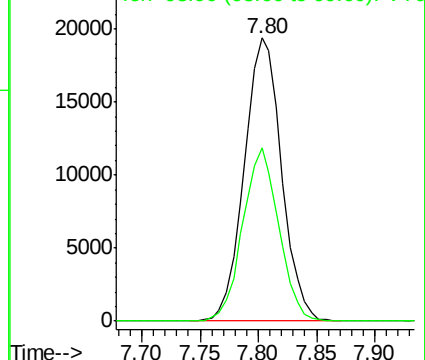
168 100

99 61.2 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001874.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001874.D (-948) (-)



#16

Acetone

Concen: 268.515 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VY001874.D

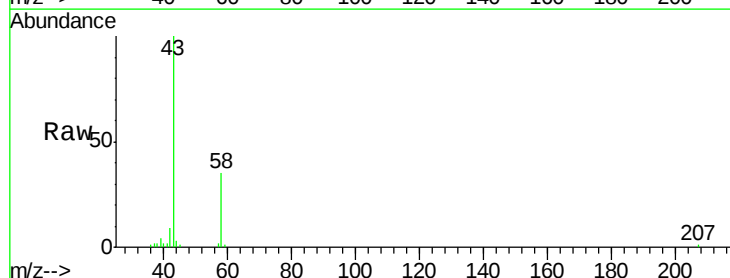
Acq: 05 Mar 2020 12:21

Tgt Ion: 43 Resp: 36026

Ion Ratio Lower Upper

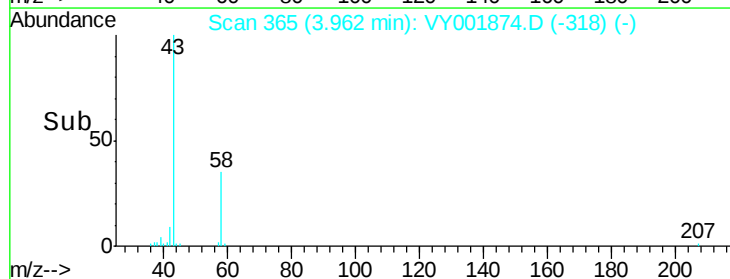
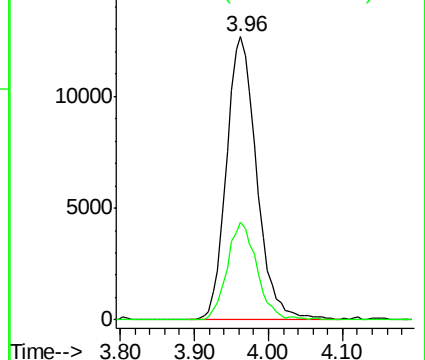
43 100

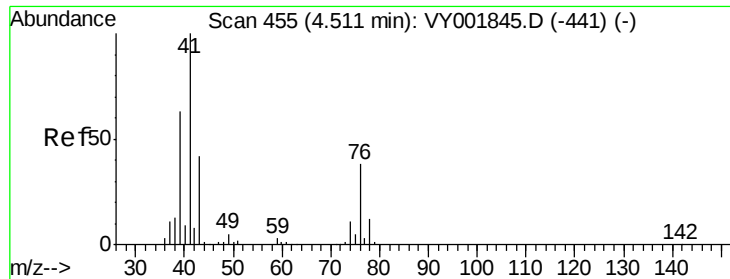
58 34.6 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VY001874.D (-318) (-)

Ion 58.00 (57.70 to 58.70): VY001874.D (-318) (-)

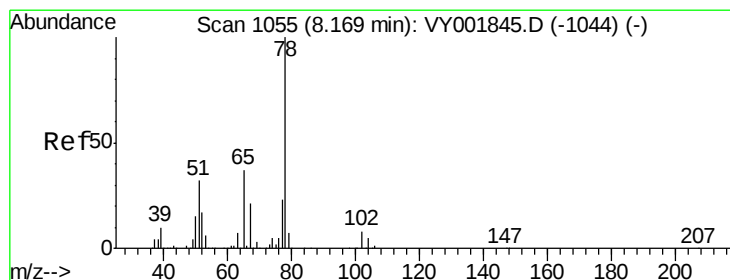
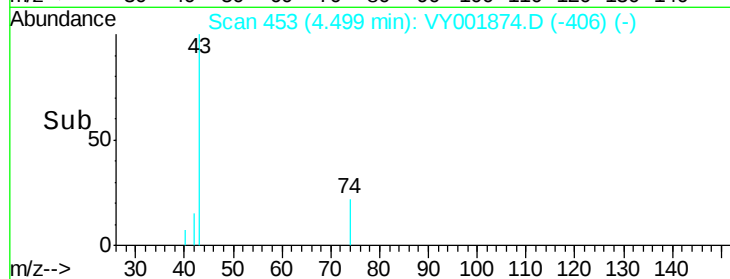
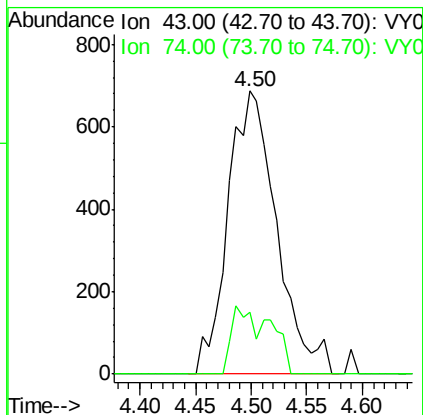
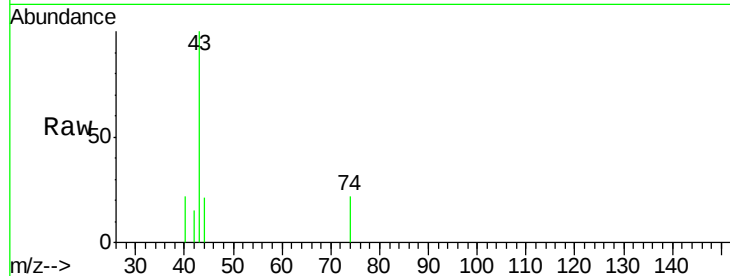




#18
Methvl Acetate
Concen: 6.071 ug/l
RT: 4.50 min Scan# 453
Delta R.T. -0.01 min
Lab File: VY001874.D
Acq: 05 Mar 2020 12:21

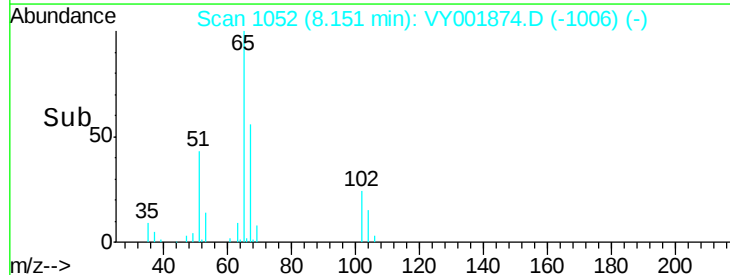
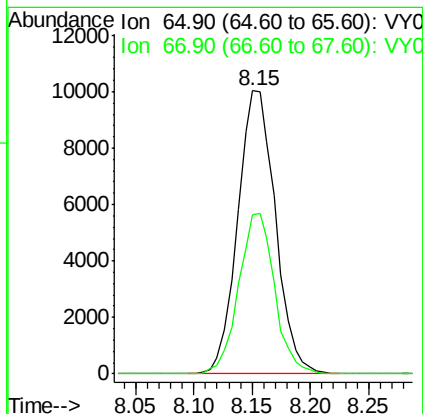
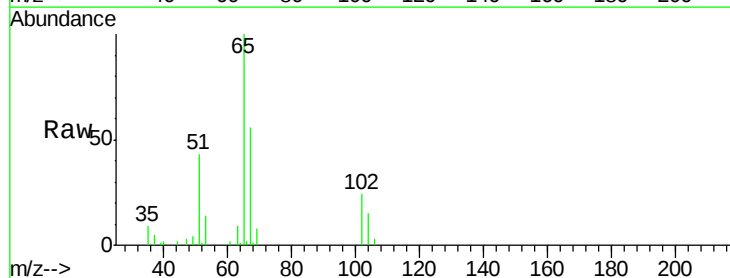
Instrument :
MSVOA_Y
ClientSampleId :
AU-06-030320RE

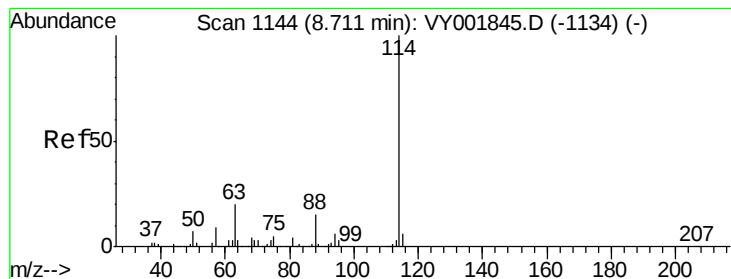
Tot Ion: 43 Resp: 2093
Ion Ratio Lower Upper
43 100
74 10.8 19.0 28.6#



#33
1,2-Dichloroethane-d4
Concen: 48.973 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.02 min
Lab File: VY001874.D
Acq: 05 Mar 2020 12:21

Tgt Ion: 65 Resp: 22559
Ion Ratio Lower Upper
65 100
67 54.0 0.0 110.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY001874.D

Acq: 05 Mar 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

AU-06-030320RE

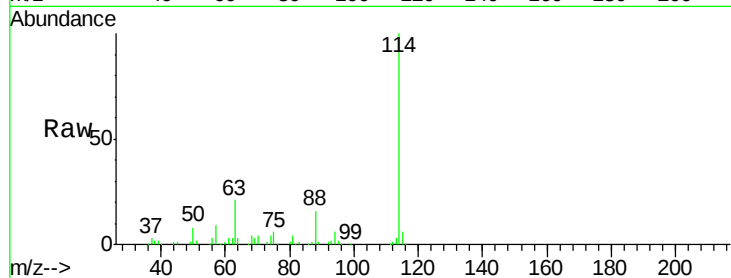
Tot Ion:114 Resp: 75617

Ion Ratio Lower Upper

114 100

63 21.2 0.0 39.4

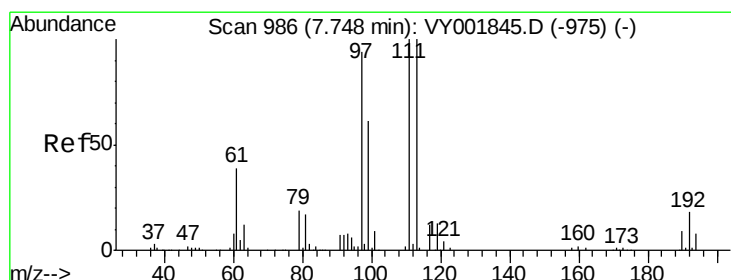
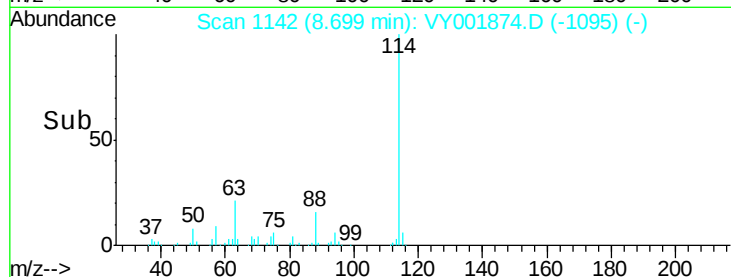
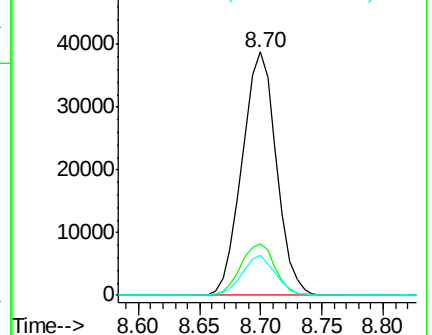
88 16.3 0.0 30.4



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: 50.225 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.02 min

Lab File: VY001874.D

Acq: 05 Mar 2020 12:21

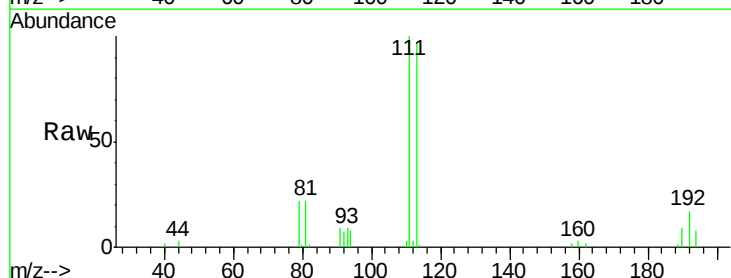
Tgt Ion:113 Resp: 20738

Ion Ratio Lower Upper

113 100

111 101.4 81.8 122.8

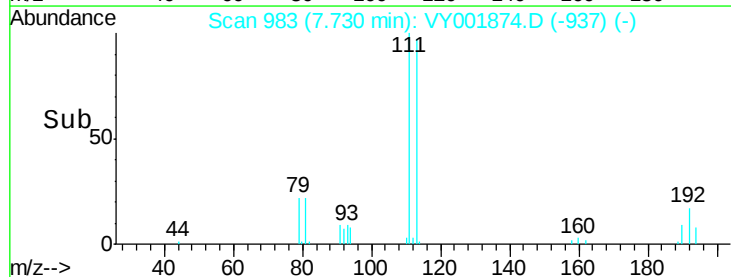
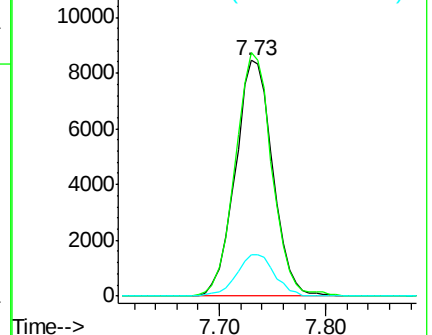
192 17.9 14.2 21.2

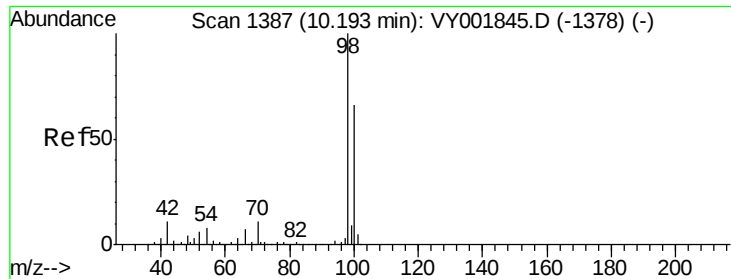


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.641 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY001874.D

Acq: 05 Mar 2020 12:21

Instrument :

MSVOA_Y

ClientSampleId :

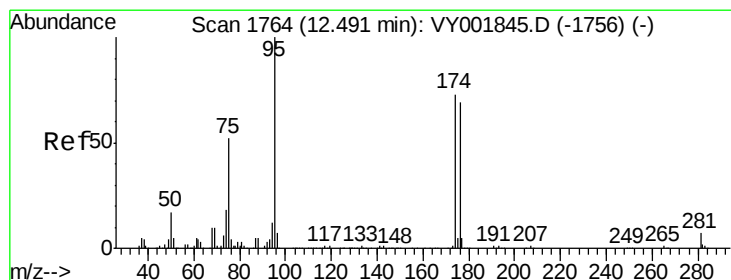
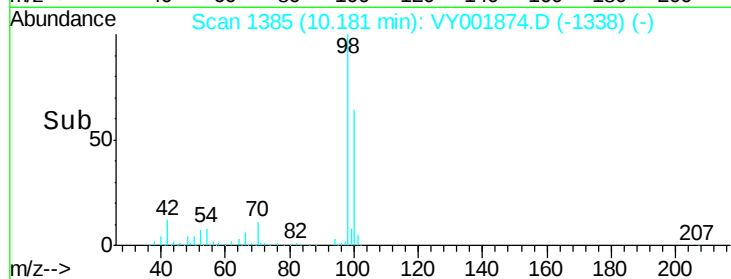
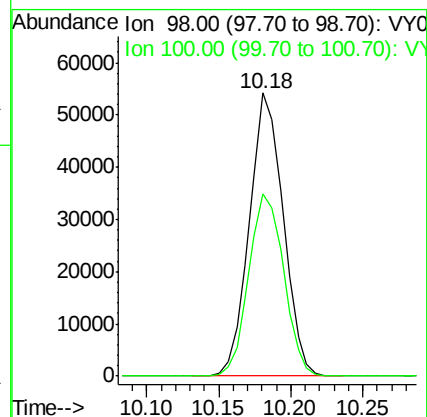
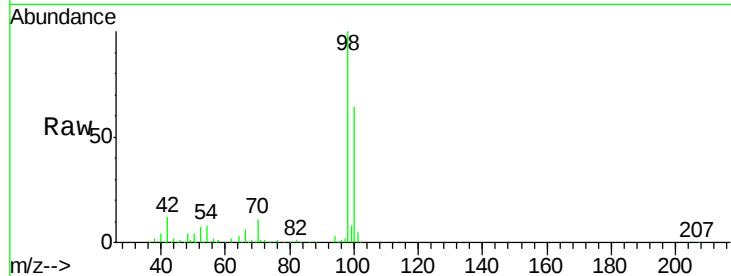
AU-06-030320RE

Tot Ion: 98 Resp: 88173

Ion Ratio Lower Upper

98 100

100 66.5 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 42.792 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY001874.D

Acq: 05 Mar 2020 12:21

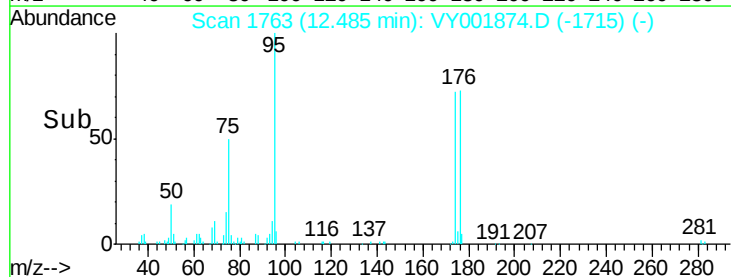
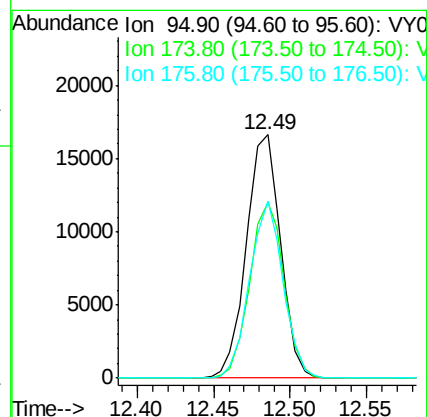
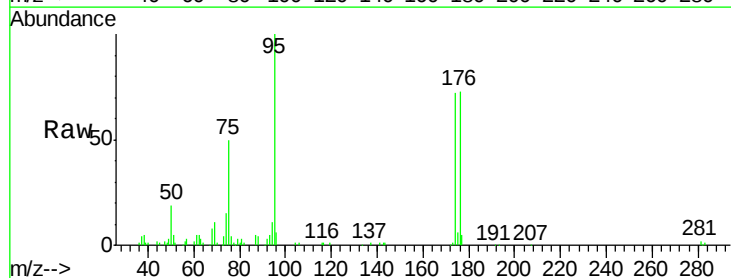
Tgt Ion: 95 Resp: 25907

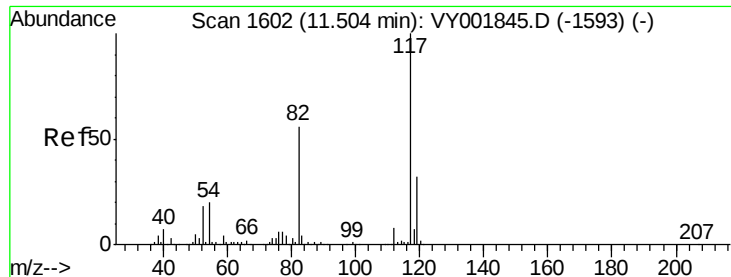
Ion Ratio Lower Upper

95 100

174 72.2 0.0 145.0

176 70.8 0.0 137.4

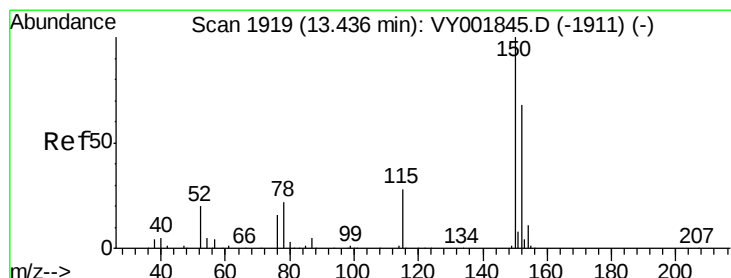
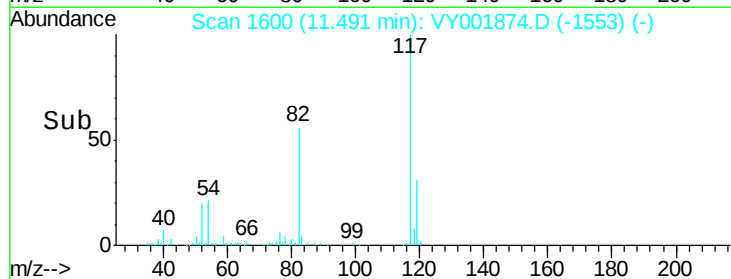
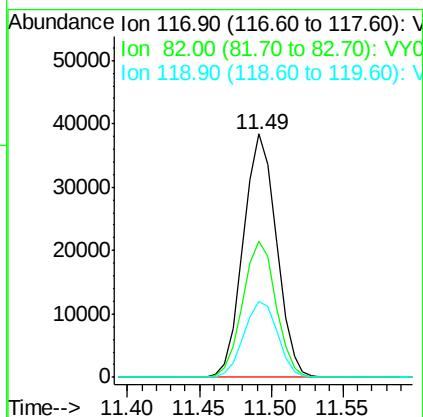
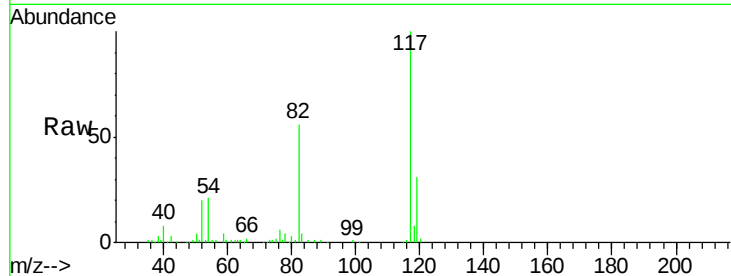




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001874.D
Acq: 05 Mar 2020 12:21

Instrument :
MSVOA_Y
ClientSampleId :
AU-06-030320RE

Tot Ion:117 Resp: 61212
Ion Ratio Lower Upper
117 100
82 56.1 44.5 66.7
119 31.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY001874.D
Acq: 05 Mar 2020 12:21

Tgt Ion:152 Resp: 24241
Ion Ratio Lower Upper
152 100
115 60.0 29.9 89.7
150 155.0 0.0 340.6

