

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041520\
 Data File : VY002334.D
 Acq On : 15 Apr 2020 14:13
 Operator : SY/MD
 Sample : L2245-08
 Misc : 7.15G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-26

Quant Time: Apr 16 09:07:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

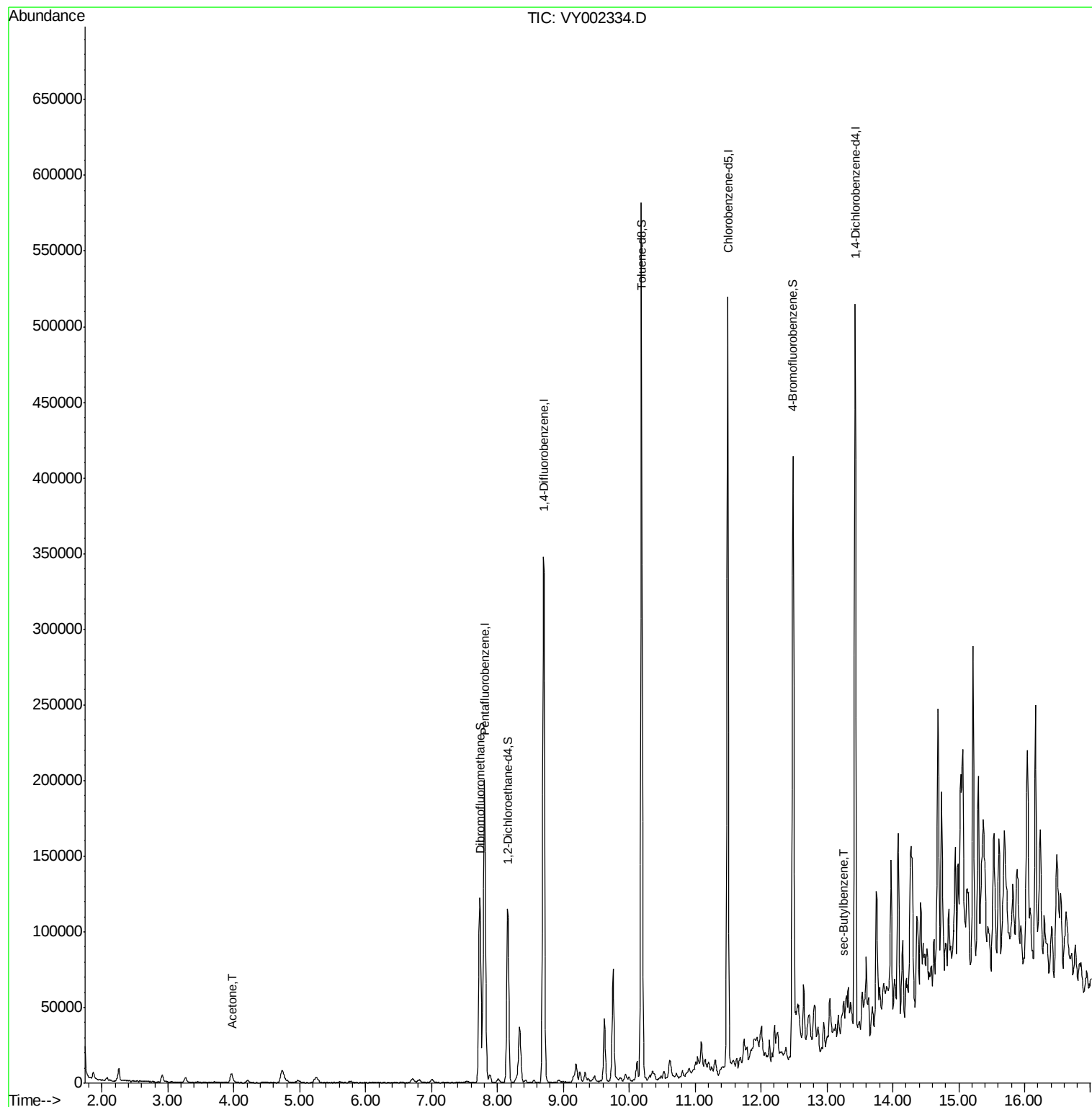
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	153199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	310427	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	288967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	119621	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	85309	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.14%	
35) Dibromofluoromethane	7.74	113	89725	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
50) Toluene-d8	10.19	98	378764	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
62) 4-Bromofluorobenzene	12.48	95	128739	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
Target Compounds						
16) Acetone	3.97	43	9978	22.237	ug/l	89
85) sec-Butylbenzene	13.26	105	10847	1.118	ug/l #	70

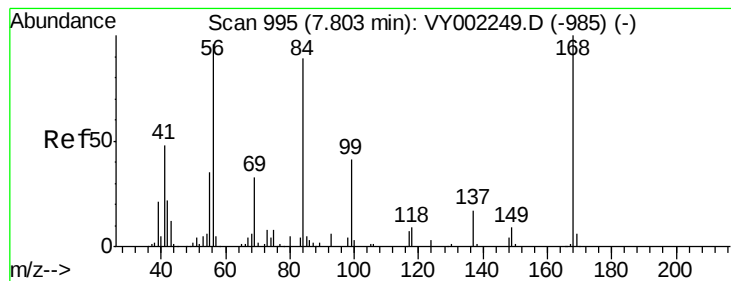
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY002334.D

Acq: 15 Apr 2020 14:13

Instrument :

MSVOA_Y

ClientSampled :

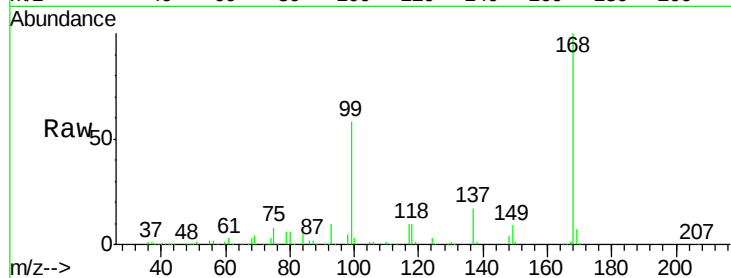
TP-26

Tot Ion:168 Resp: 153199

Ion Ratio Lower Upper

168 100

99 58.0 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)

7.80

60000

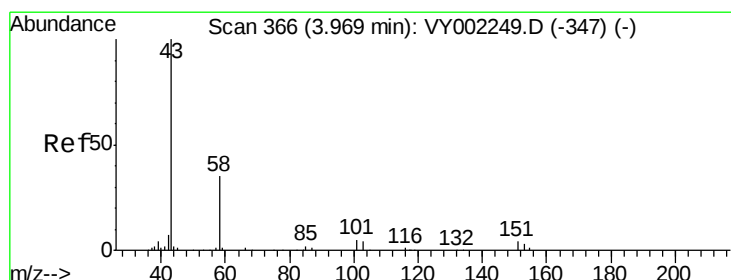
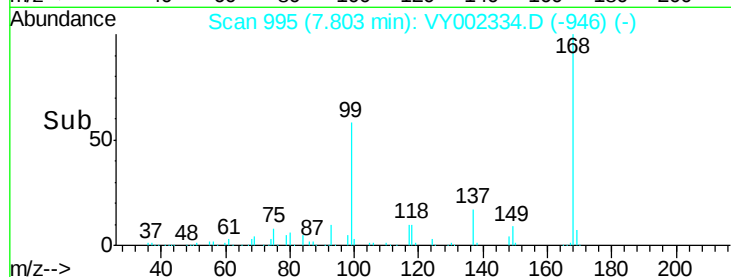
40000

20000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 22.237 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.00 min

Lab File: VY002334.D

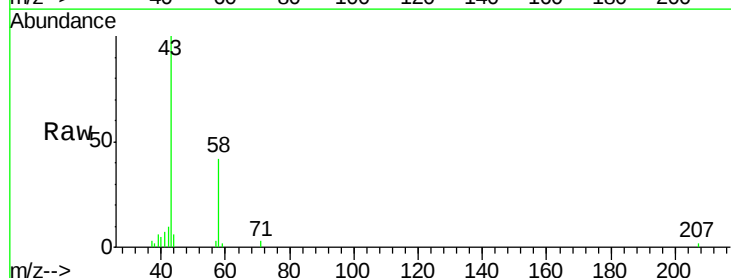
Acq: 15 Apr 2020 14:13

Tgt Ion: 43 Resp: 9978

Ion Ratio Lower Upper

43 100

58 41.8 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002249.D (-347) (-)

3.97

4000

3000

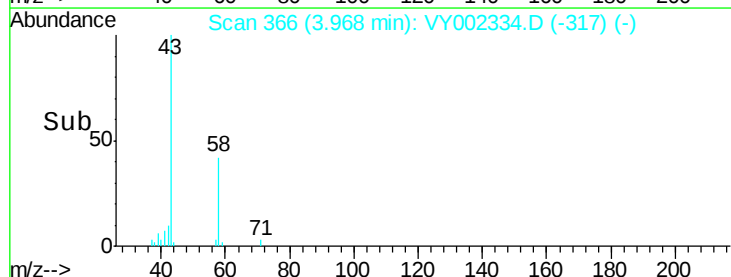
2000

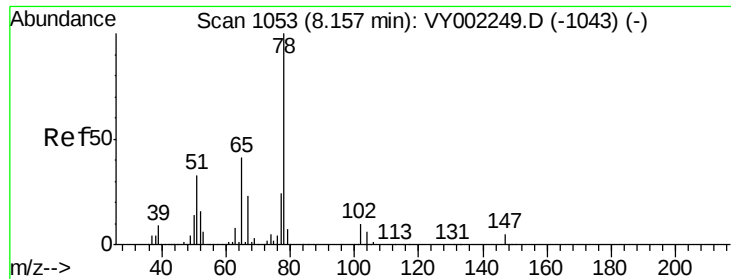
1000

0

3.90 3.97 4.00 4.10

Time-->

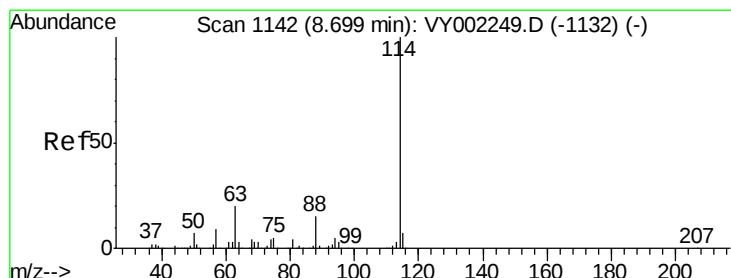
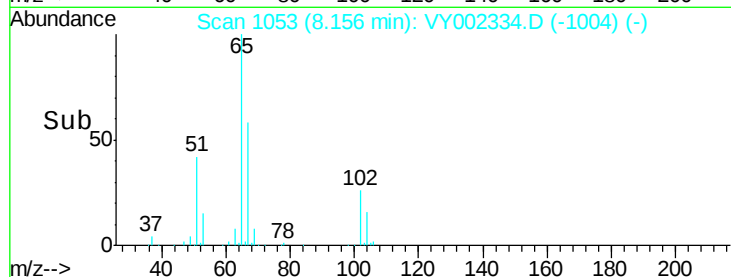
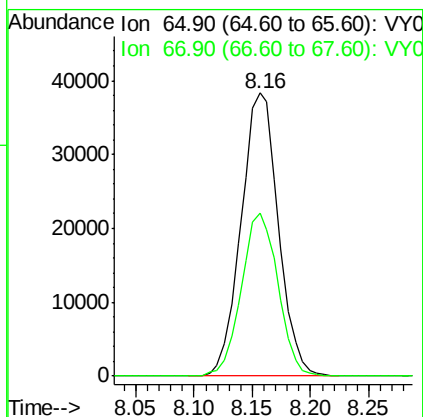
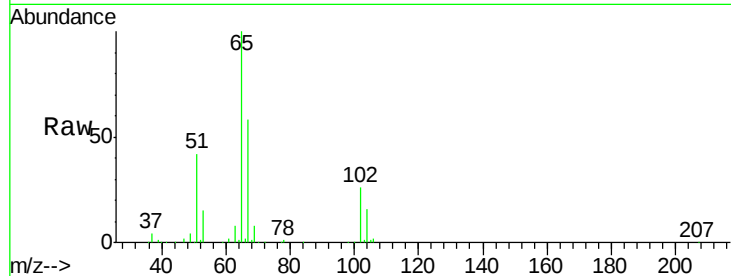




#33
 1,2-Dichloroethane-d4
 Concen: 50.073 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VY002334.D
 Acq: 15 Apr 2020 14:13

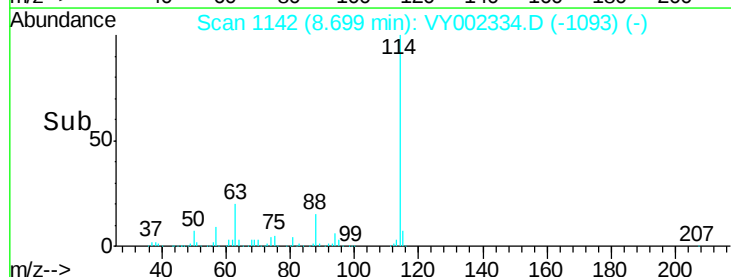
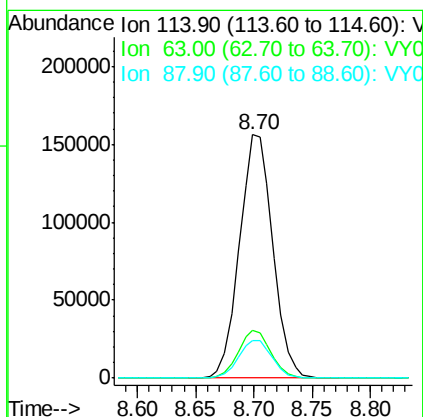
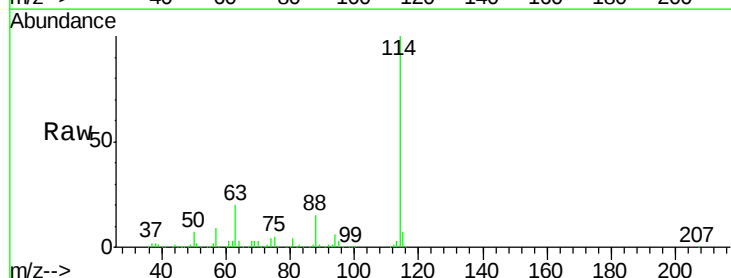
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-26

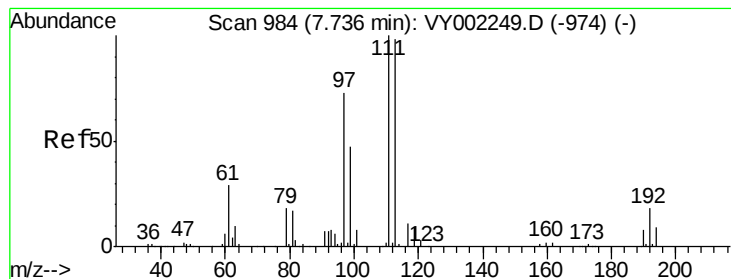
Tot Ion: 65 Resp: 85309
 Ion Ratio Lower Upper
 65 100
 67 56.4 0.0 114.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY002334.D
 Acq: 15 Apr 2020 14:13

Tgt Ion: 114 Resp: 310427
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 48.575 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.00 min

Lab File: VY002334.D

Acq: 15 Apr 2020 14:13

Instrument :

MSVOA_Y

ClientSampled :

TP-26

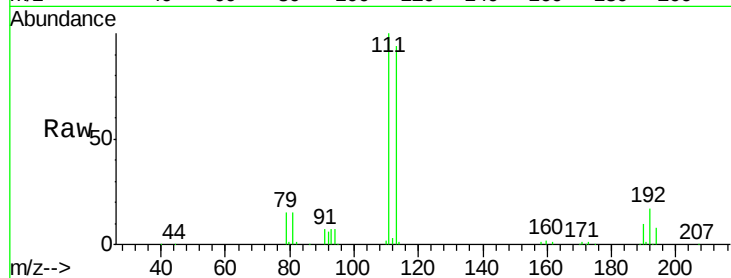
Tot Ion:113 Resp: 89725

Ion Ratio Lower Upper

113 100

111 105.1 83.5 125.3

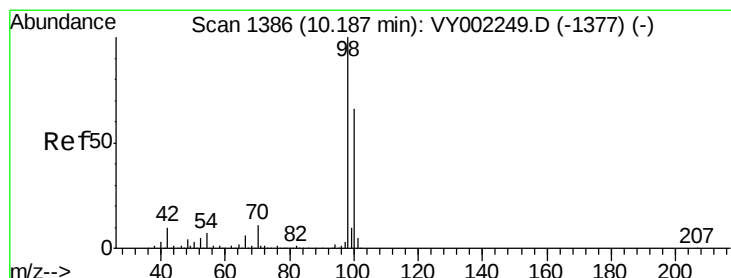
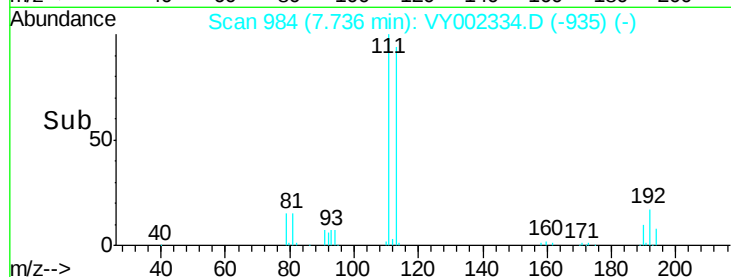
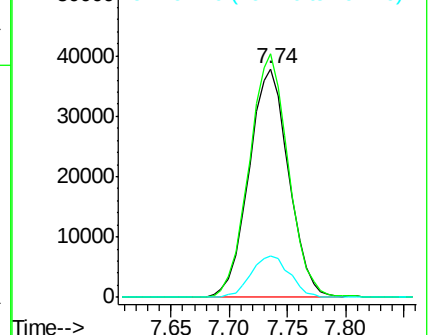
192 17.8 14.7 22.1



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: 48.990 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY002334.D

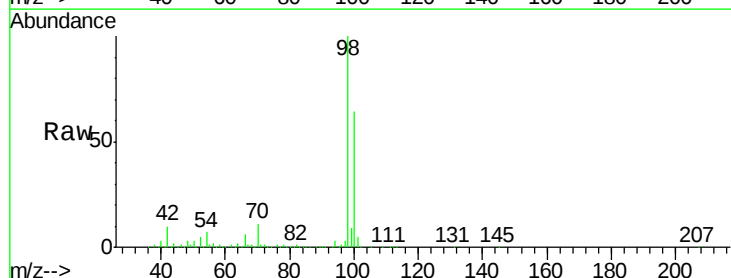
Acq: 15 Apr 2020 14:13

Tgt Ion: 98 Resp: 378764

Ion Ratio Lower Upper

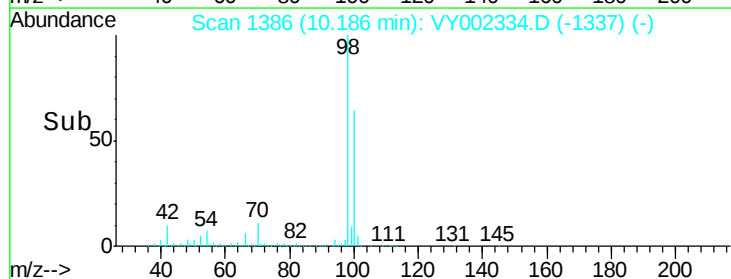
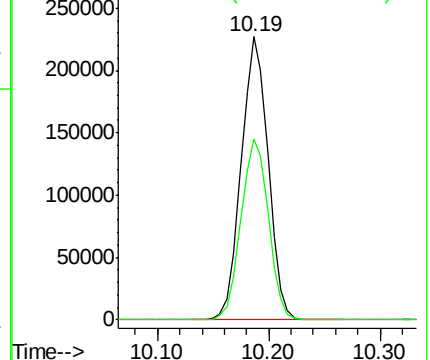
98 100

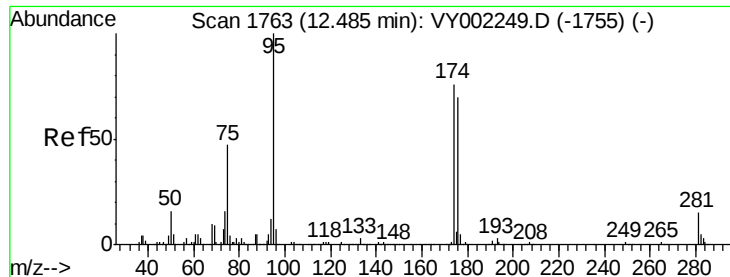
100 65.1 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

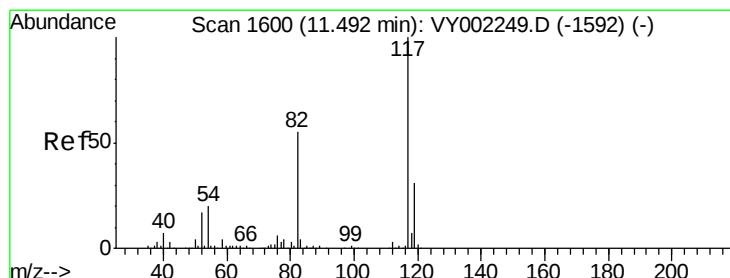
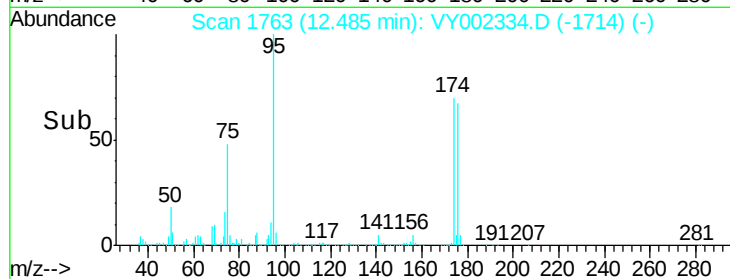
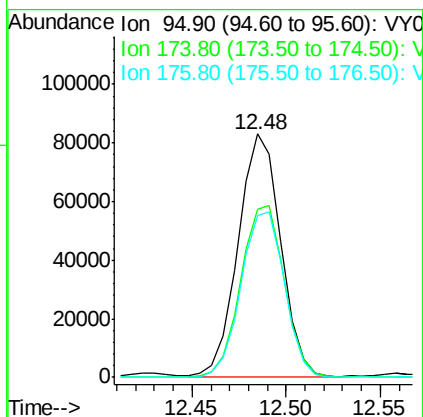
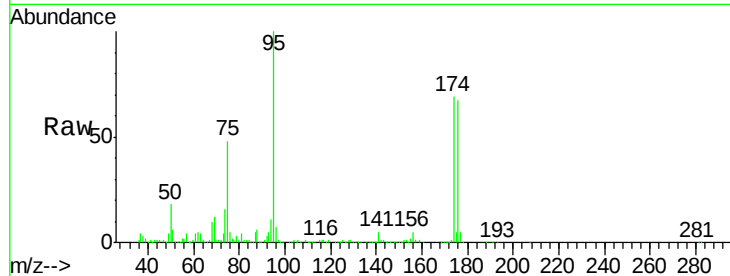




#62
4-Bromofluorobenzene
Concen: 50.472 ug/l
RT: 12.48 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY002334.D
Acq: 15 Apr 2020 14:13

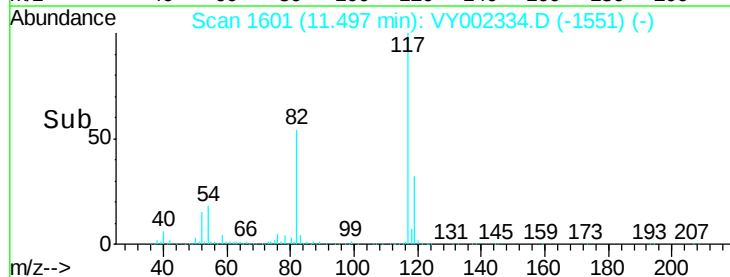
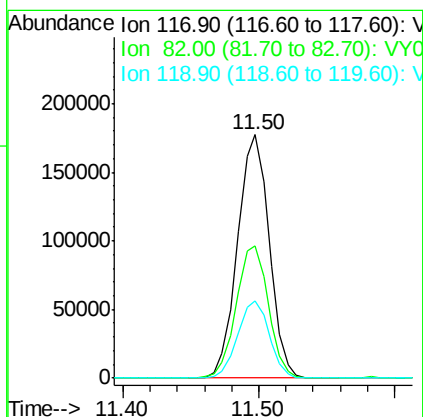
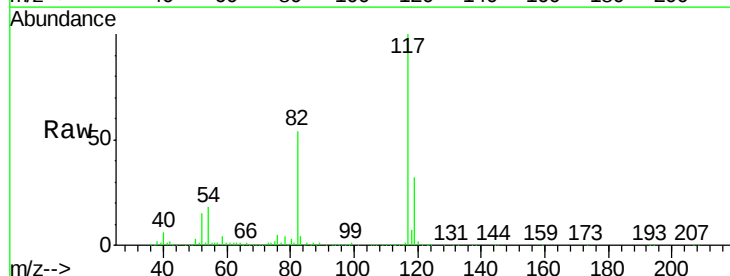
Instrument :
MSVOA_Y
ClientSampled :
TP-26

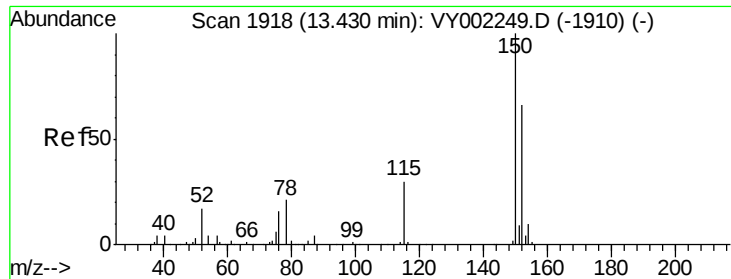
Tot Ion: 95 Resp: 128739
Ion Ratio Lower Upper
95 100
174 73.3 0.0 150.6
176 70.0 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002334.D
Acq: 15 Apr 2020 14:13

Tgt Ion: 117 Resp: 288967
Ion Ratio Lower Upper
117 100
82 54.3 44.2 66.4
119 31.6 25.1 37.7



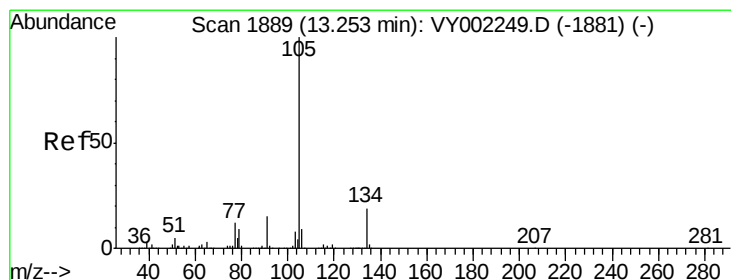
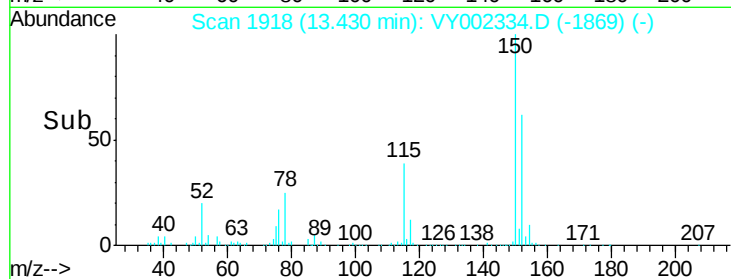
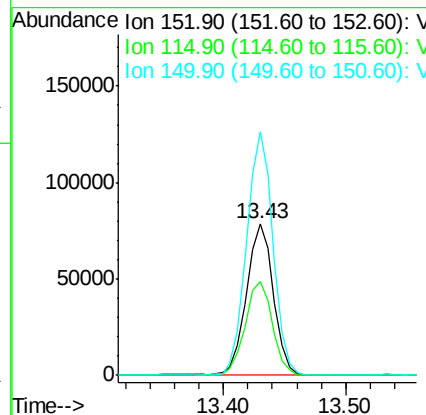
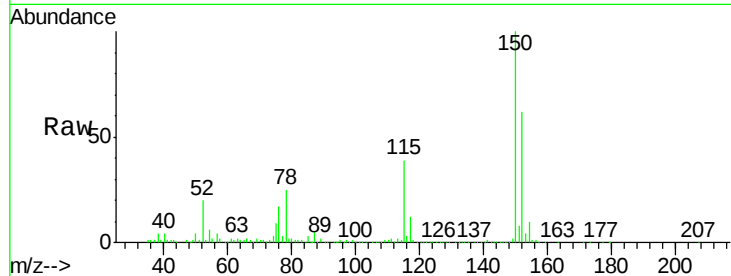


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY002334.D
Acq: 15 Apr 2020 14:13

Instrument :
MSVOA_Y
ClientSampleId :
TP-26

Tot Ion:152 Resp: 119621
Ion Ratio Lower Upper
152 100
115 62.2 30.7 92.1
150 157.2 0.0 350.6



#85

sec-Butylbenzene
Concen: 1.118 ug/l
RT: 13.26 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VY002334.D
Acq: 15 Apr 2020 14:13

Tgt Ion:105 Resp: 10847
Ion Ratio Lower Upper
105 100
134 33.0 9.8 29.3#

