

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041620\
 Data File : VY002362.D
 Acq On : 16 Apr 2020 13:25
 Operator : SY/MD
 Sample : L2281-08
 Misc : 5.71G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-43

Quant Time: Apr 17 07:36:14 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

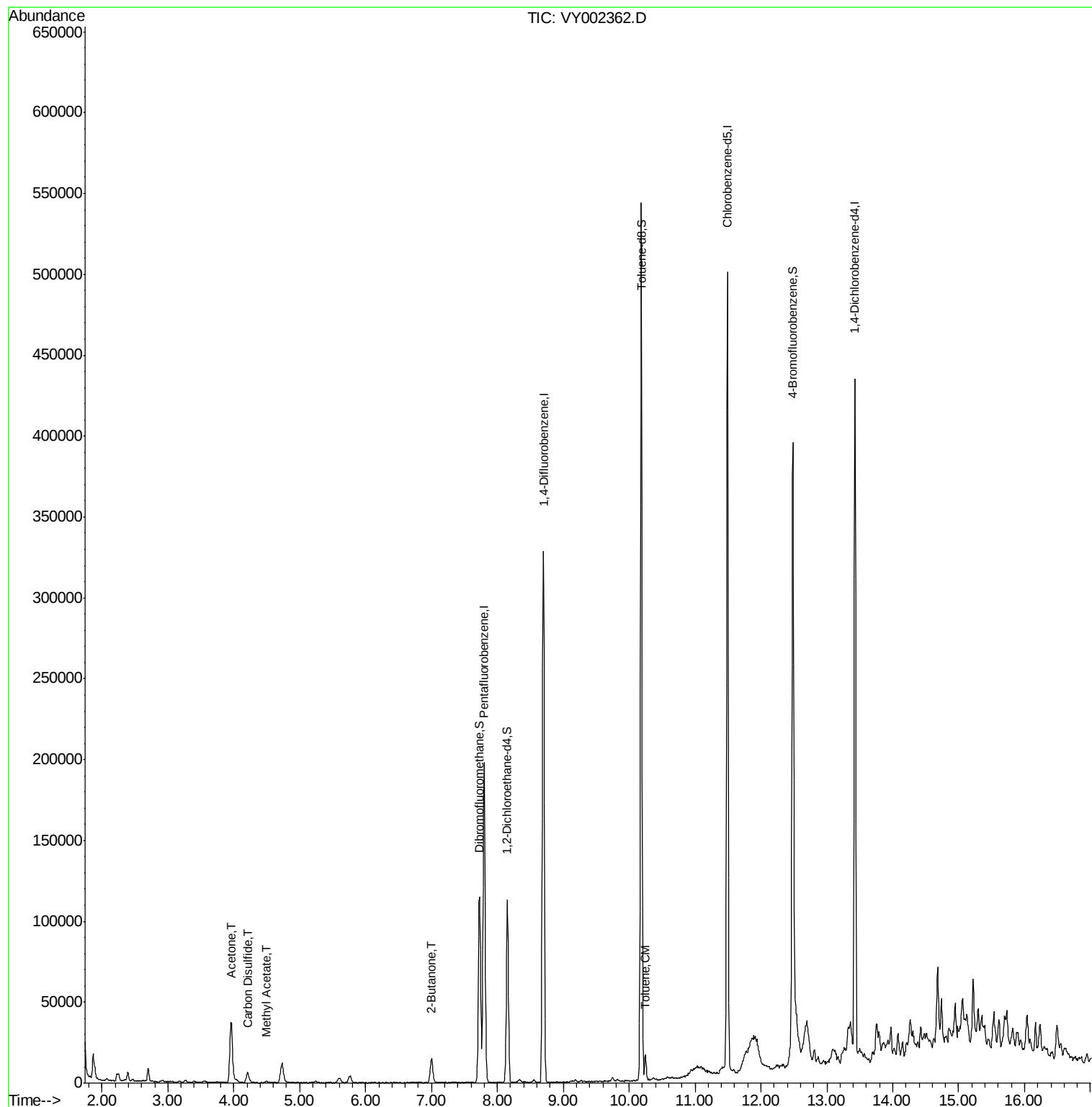
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	153710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	301141	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	275956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	111844	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	80087	46.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.70%	
35) Dibromofluoromethane	7.73	113	86331	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.36%	
50) Toluene-d8	10.18	98	363450	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.92%	
62) 4-Bromofluorobenzene	12.49	95	116517	47.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.18%	
Target Compounds						
16) Acetone	3.96	43	63977	142.103	ug/l	92
17) Carbon Disulfide	4.21	76	9871	1.601	ug/l #	95
18) Methyl Acetate	4.50	43	1811	1.297	ug/l	95
25) 2-Butanone	7.00	43	22120	31.046	ug/l #	85
52) Toluene	10.25	92	6579	1.213	ug/l	98

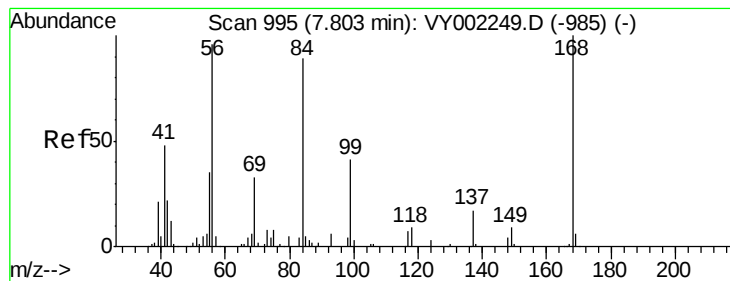
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041620\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002362.D

Acq: 16 Apr 2020 13:25

Instrument :

MSVOA_Y

ClientSampled :

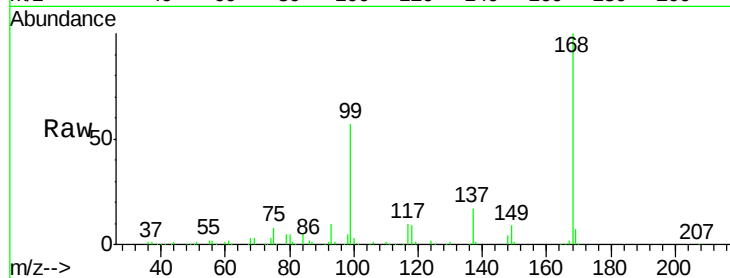
TP-43

Tot Ion:168 Resp: 153710

Ion Ratio Lower Upper

168 100

99 57.3 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

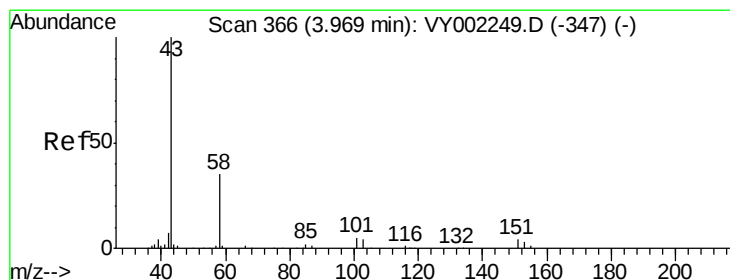
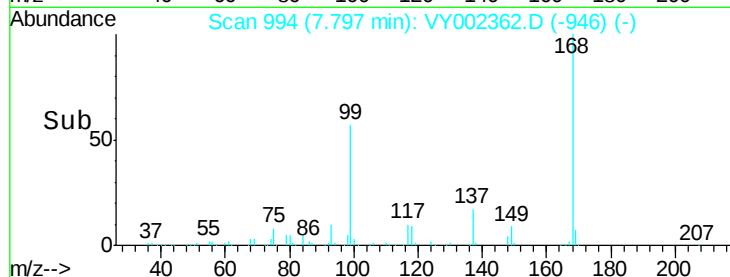
40000

20000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 142.103 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.01 min

Lab File: VY002362.D

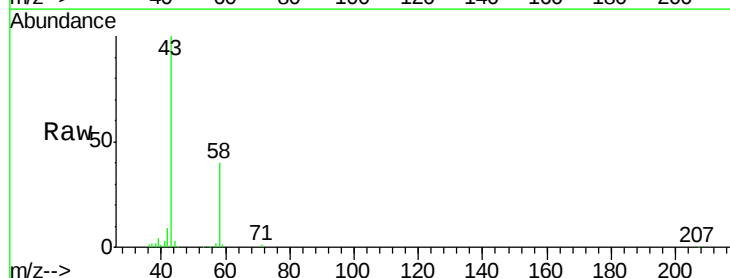
Acq: 16 Apr 2020 13:25

Tgt Ion: 43 Resp: 63977

Ion Ratio Lower Upper

43 100

58 40.0 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) (-)

3.96

25000

20000

15000

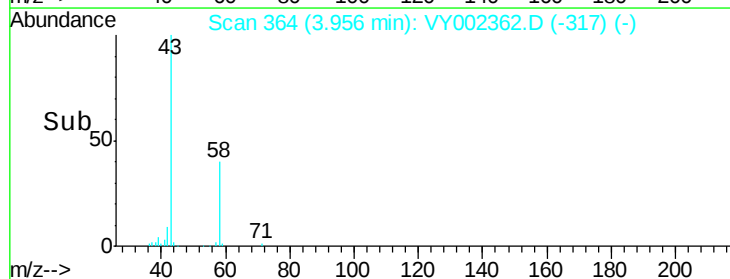
10000

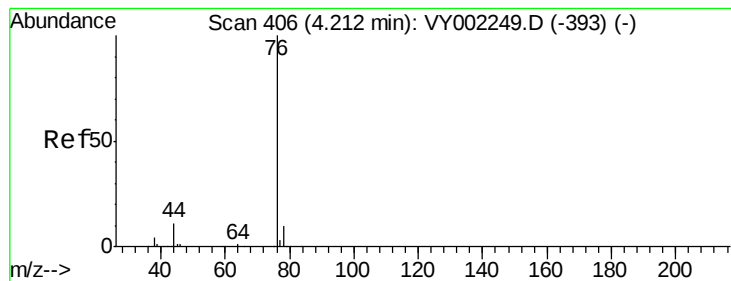
5000

0

3.90 4.00 4.10

Time-->





#17

Carbon Disulfide

Concen: 1.601 ug/l

RT: 4.21 min Scan# 405

Delta R.T. -0.01 min

Lab File: VY002362.D

Acq: 16 Apr 2020 13:25

Instrument :

MSVOA_Y

ClientSampled :

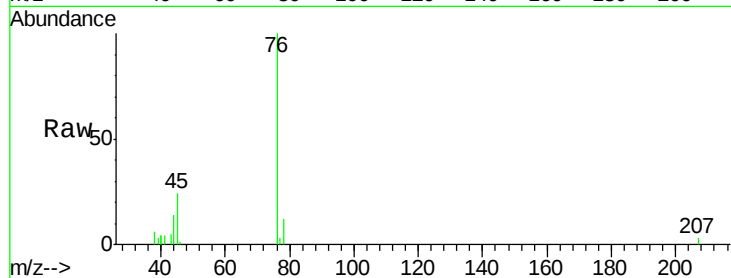
TP-43

Tot Ion: 76 Resp: 9871

Ion Ratio Lower Upper

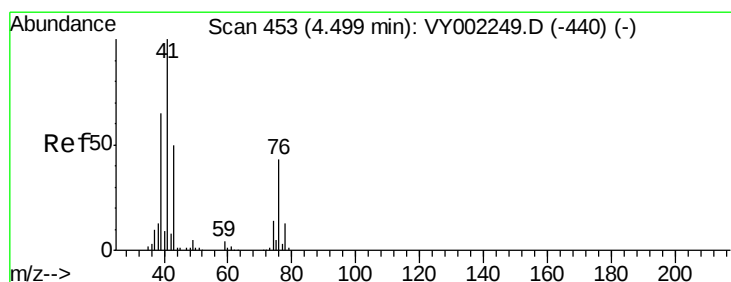
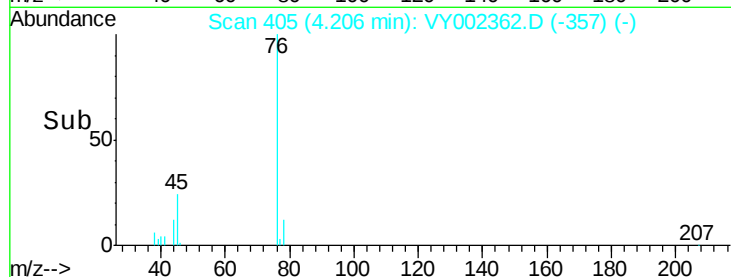
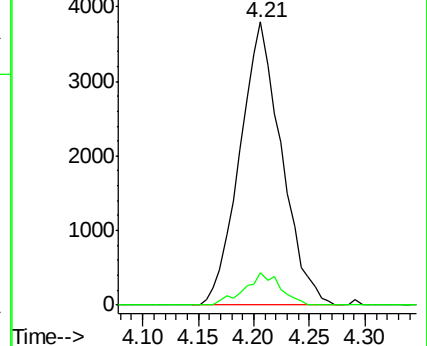
76 100

78 11.6 7.7 11.5#



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 1.297 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.00 min

Lab File: VY002362.D

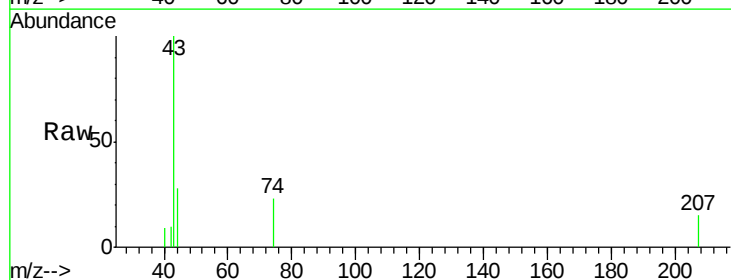
Acq: 16 Apr 2020 13:25

Tgt Ion: 43 Resp: 1811

Ion Ratio Lower Upper

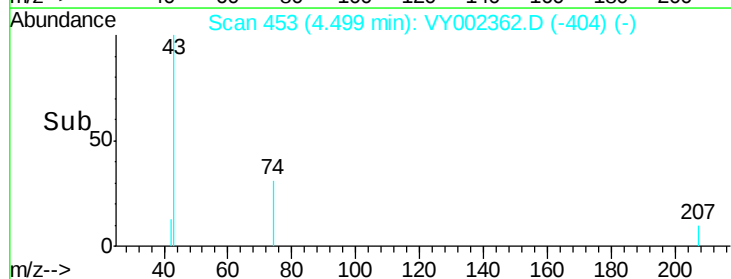
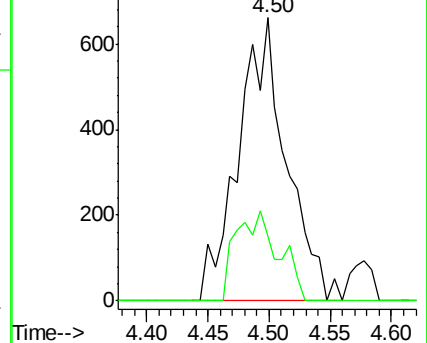
43 100

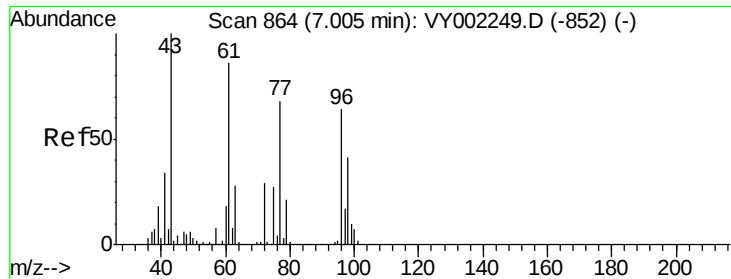
74 27.9 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





#25

2-Butanone

Concen: 31.046 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.00 min

Lab File: VY002362.D

Acq: 16 Apr 2020 13:25

Instrument :

MSVOA_Y

ClientSampled :

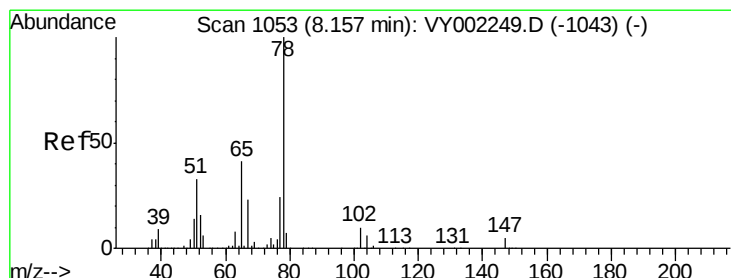
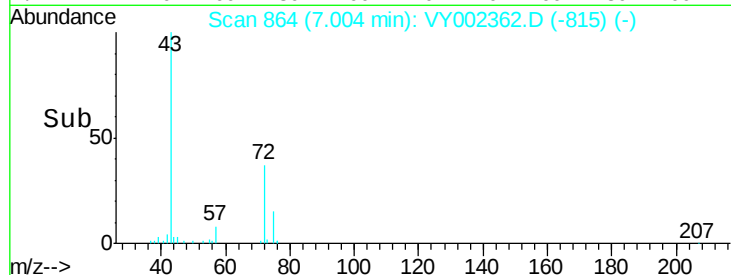
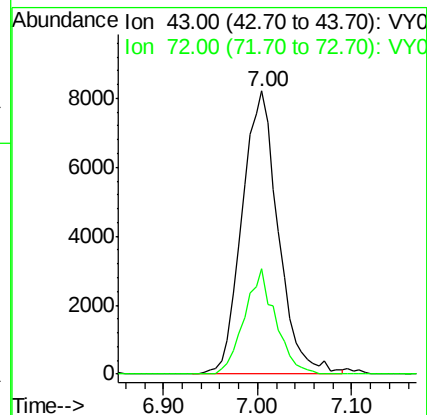
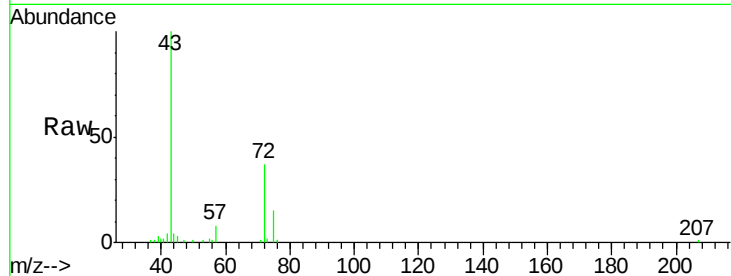
TP-43

Tot Ion: 43 Resp: 22120

Ion Ratio Lower Upper

43 100

72 37.1 23.2 34.8#



#33

1,2-Dichloroethane-d4

Concen: 46.852 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002362.D

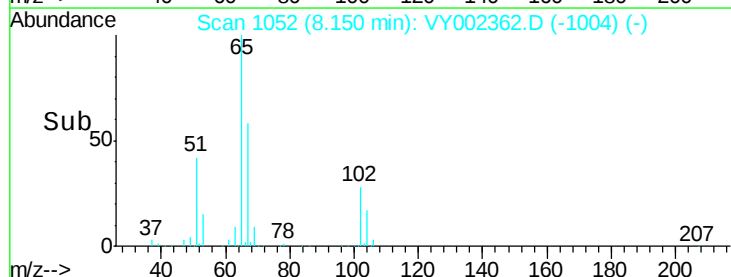
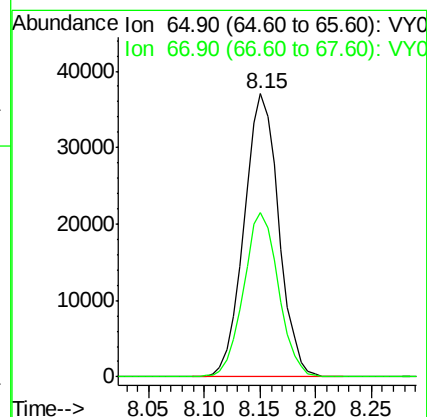
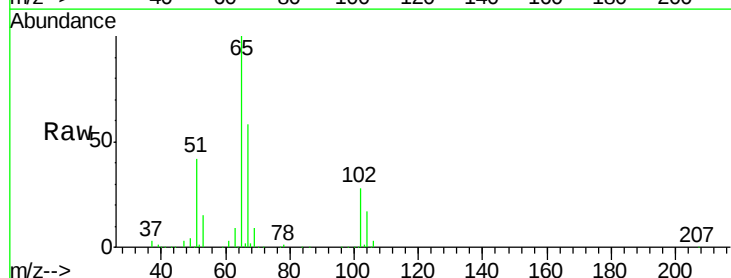
Acq: 16 Apr 2020 13:25

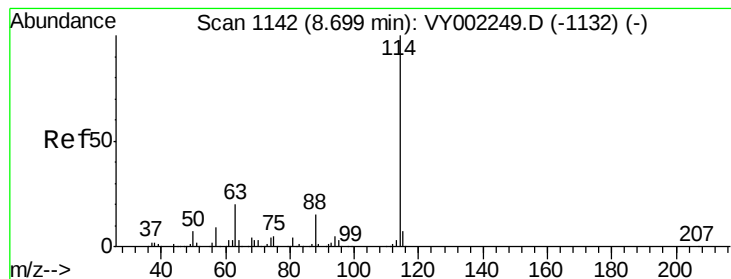
Tgt Ion: 65 Resp: 80087

Ion Ratio Lower Upper

65 100

67 58.6 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: VY002362.D

Acq: 16 Apr 2020 13:25

Instrument :

MSVOA_Y

ClientSampleId :

TP-43

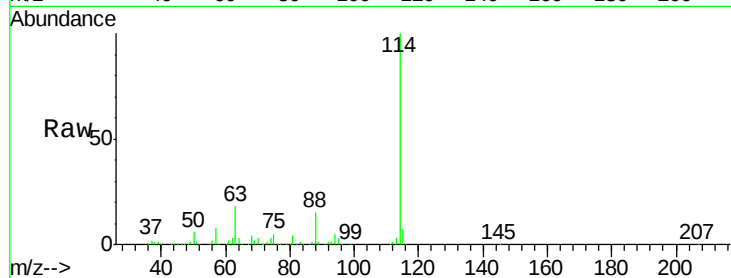
Tot Ion:114 Resp: 301141

Ion Ratio Lower Upper

114 100

63 18.0 0.0 39.0

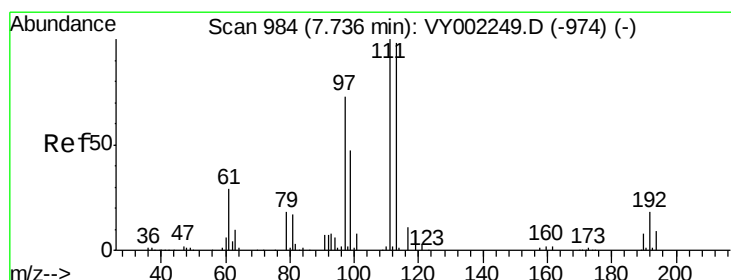
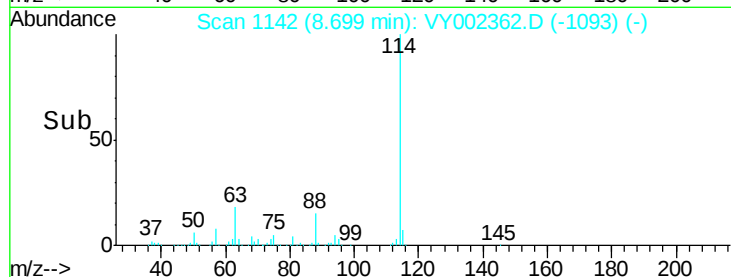
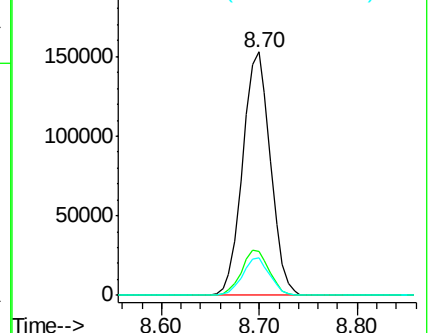
88 15.4 0.0 31.0



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: 48.179 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002362.D

Acq: 16 Apr 2020 13:25

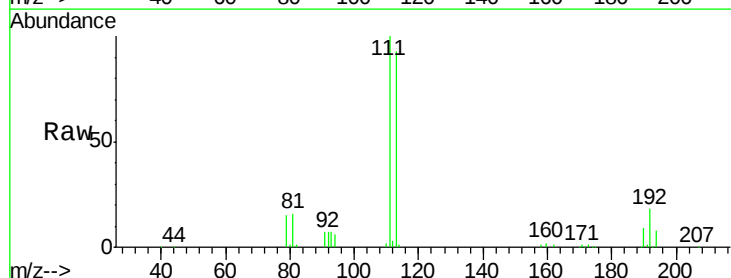
Tgt Ion:113 Resp: 86331

Ion Ratio Lower Upper

113 100

111 103.6 83.5 125.3

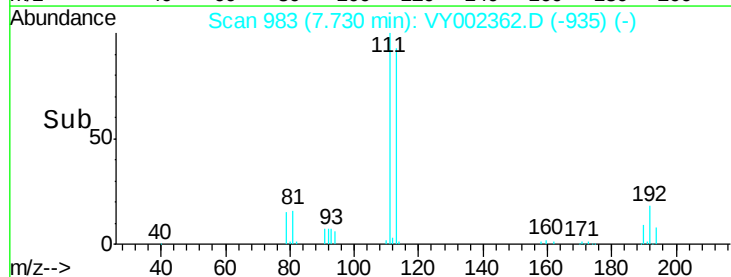
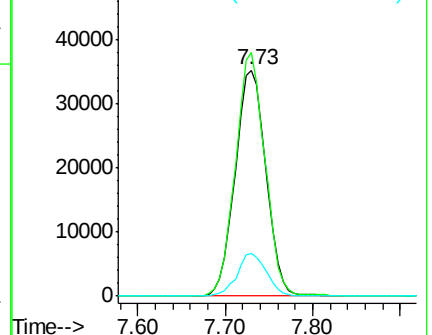
192 18.0 14.7 22.1

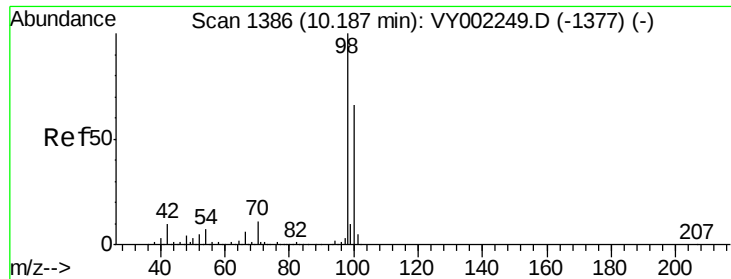


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.459 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002362.D

Acq: 16 Apr 2020 13:25

Instrument :

MSVOA_Y

ClientSampleId :

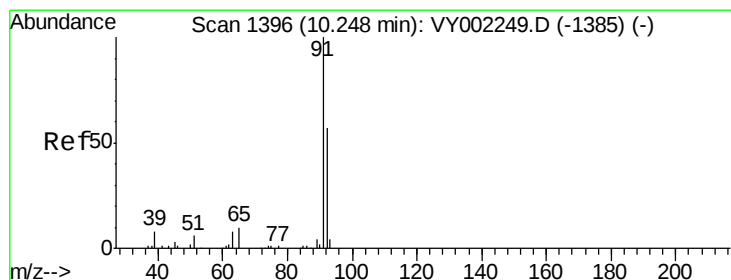
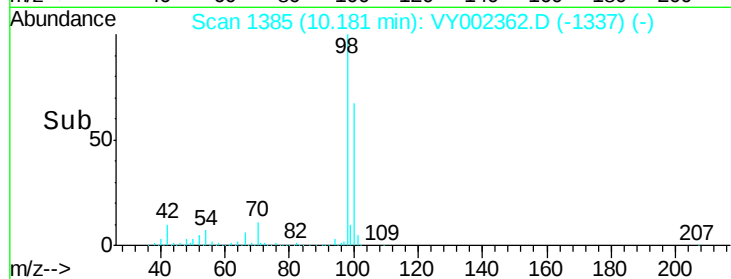
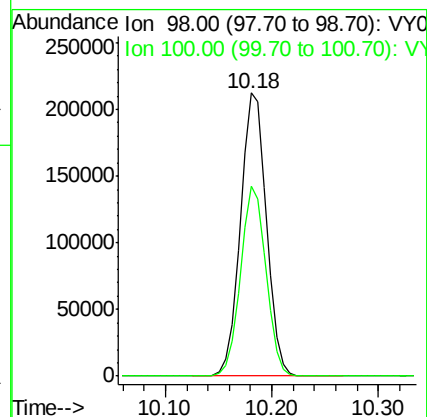
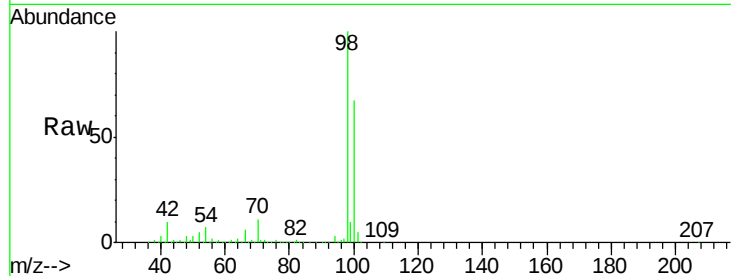
TP-43

Tot Ion: 98 Resp: 363450

Ion Ratio Lower Upper

98 100

100 65.8 52.6 78.8



#52

Toluene

Concen: 1.213 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY002362.D

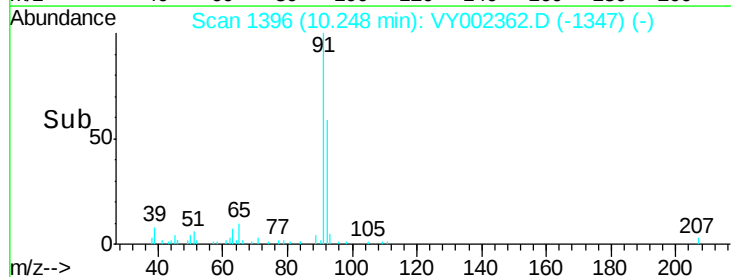
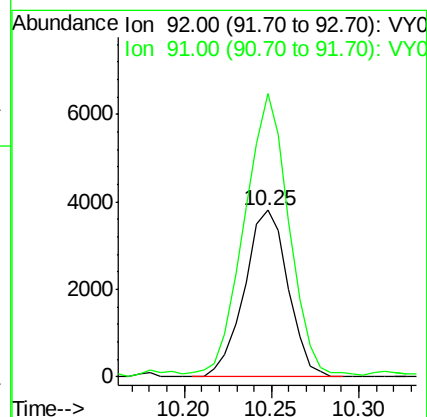
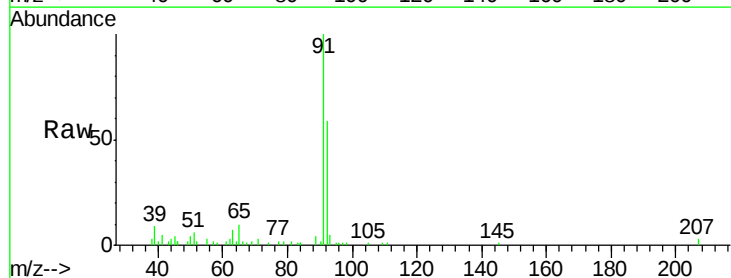
Acq: 16 Apr 2020 13:25

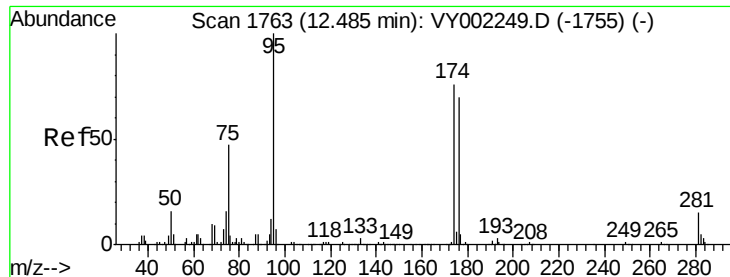
Tgt Ion: 92 Resp: 6579

Ion Ratio Lower Upper

92 100

91 176.0 139.0 208.6

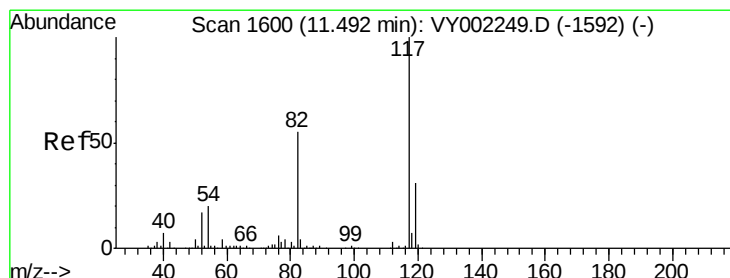
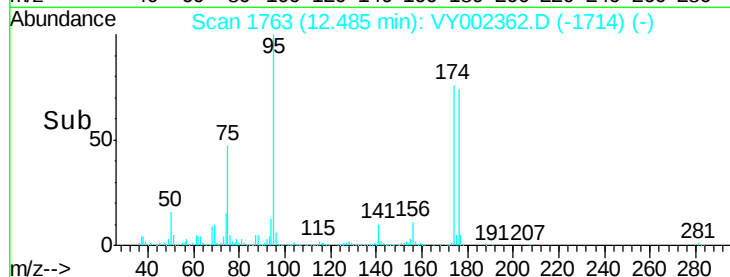
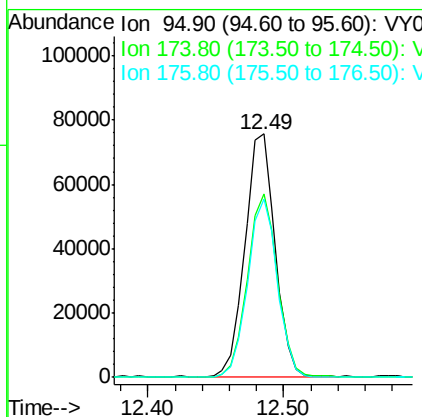
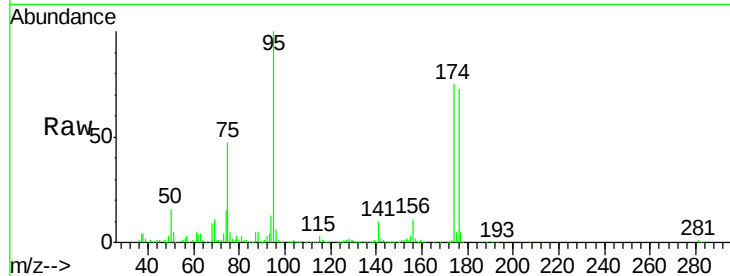




#62
4-Bromofluorobenzene
Concen: 47.089 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY002362.D
Acq: 16 Apr 2020 13:25

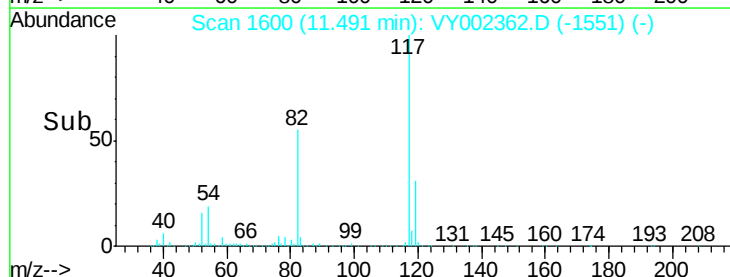
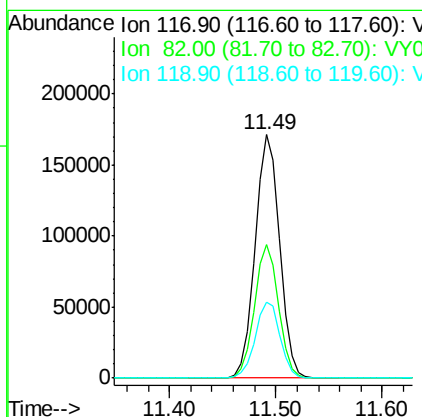
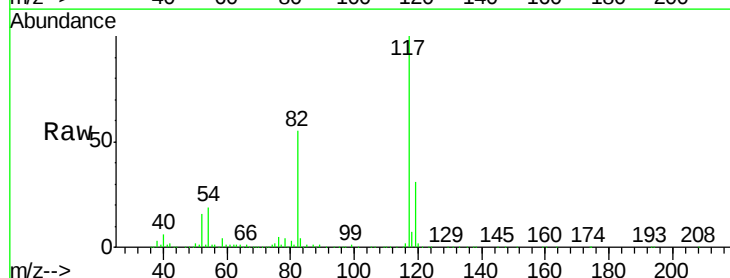
Instrument :
MSVOA_Y
ClientSampled :
TP-43

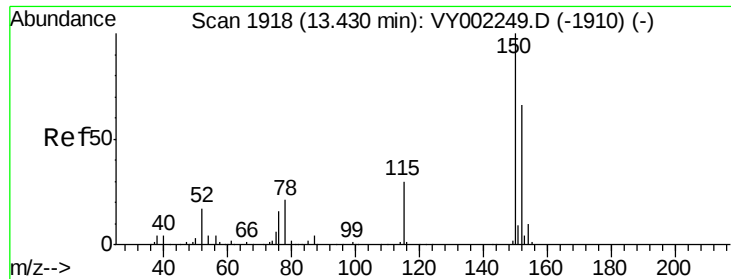
Tot Ion: 95 Resp: 116517
Ion Ratio Lower Upper
95 100
174 75.8 0.0 150.6
176 72.7 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002362.D
Acq: 16 Apr 2020 13:25

Tgt Ion: 117 Resp: 275956
Ion Ratio Lower Upper
117 100
82 54.8 44.2 66.4
119 31.1 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: VY002362.D

Acq: 16 Apr 2020 13:25

Instrument :

MSVOA_Y

ClientSampleId :

TP-43

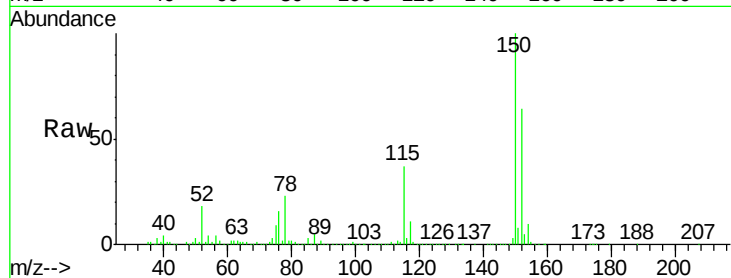
Tot Ion:152 Resp: 111844

Ion Ratio Lower Upper

152 100

115 59.8 30.7 92.1

150 156.3 0.0 350.6



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

