

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021220\
 Data File : VY001619.D
 Acq On : 12 Feb 2020 18:42
 Operator : SY/MD
 Sample : TEST-04
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 13 08:27:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

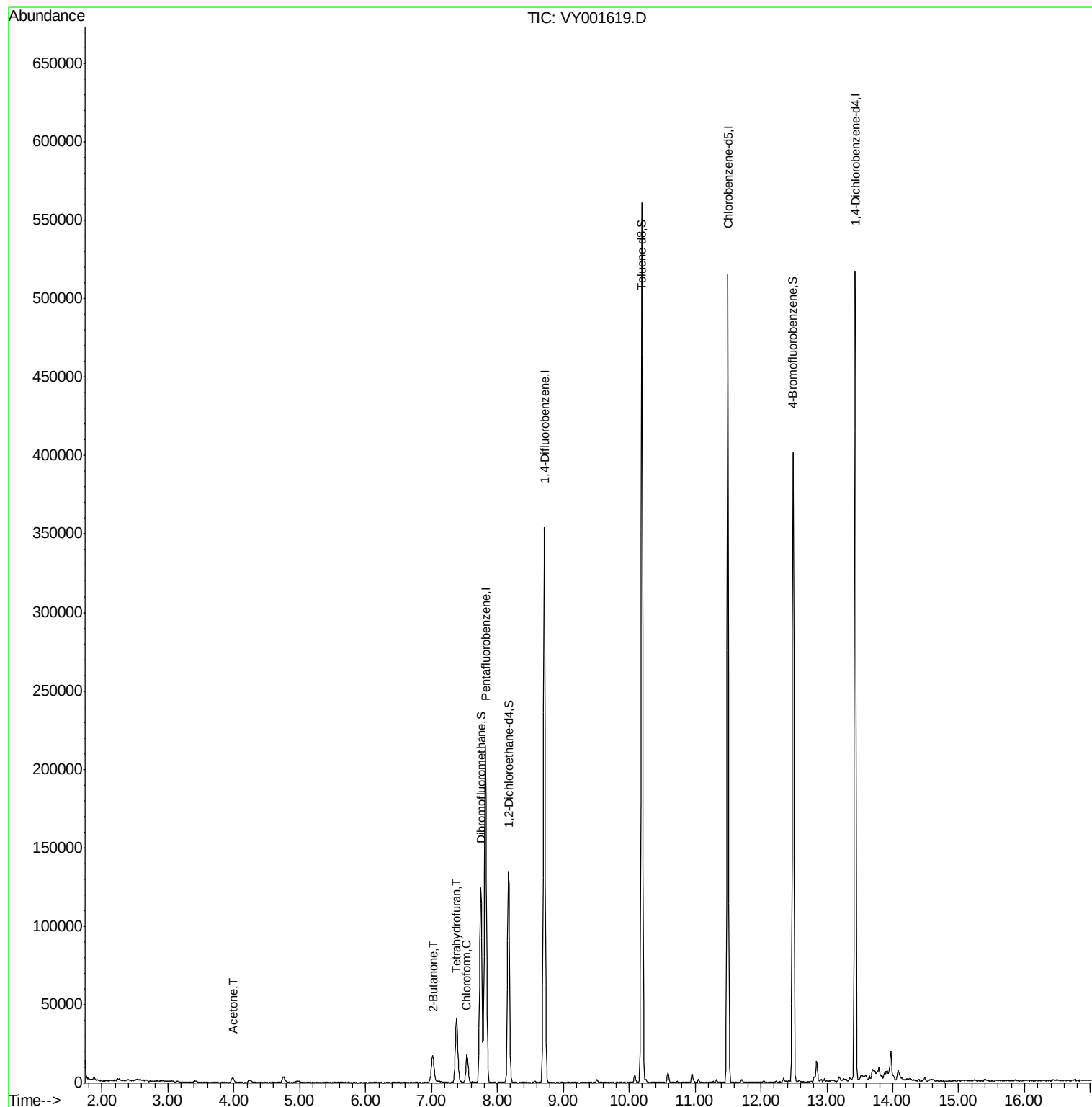
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	166321	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	303453	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	271235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	123466	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	99824	59.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.22%	
35) Dibromofluoromethane	7.75	113	88263	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
50) Toluene-d8	10.19	98	362568	54.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.52%	
62) 4-Bromofluorobenzene	12.49	95	125937	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	
Target Compounds						
16) Acetone	3.99	43	5677	11.720	ug/l	95
25) 2-Butanone	7.03	43	7948	12.647	ug/l	90
29) Tetrahydrofuran	7.38	42	35241	93.561	ug/l	95
30) Chloroform	7.54	83	17151	5.312	ug/l	96

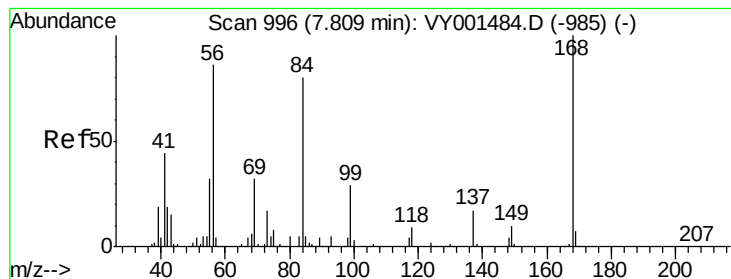
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY021220\
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QLast Update : Tue Feb 04 15:10:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001619.D

Acq: 12 Feb 2020 18:42

Instrument :

MSVOA_Y

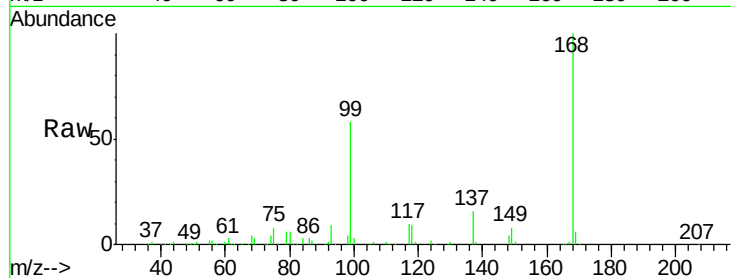
ClientSampled :

Tot Ion:168 Resp: 166321

Ion Ratio Lower Upper

168 100

99 58.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001619.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001619.D (-947) (-)

7.82

80000

60000

40000

20000

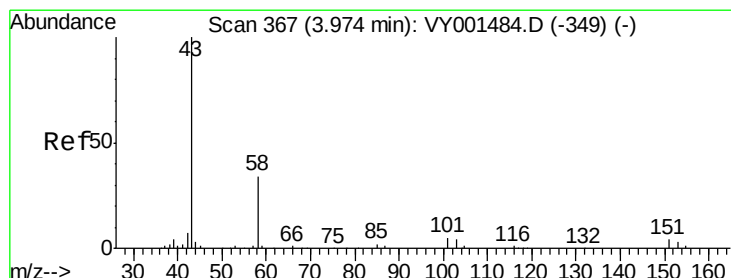
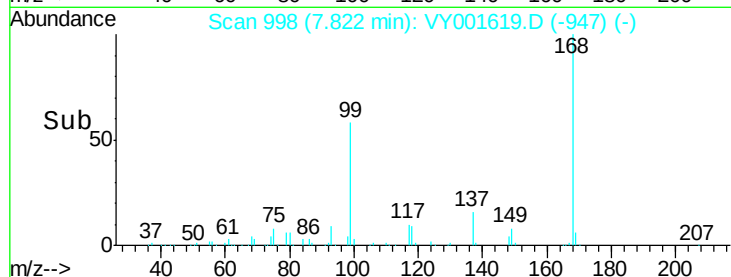
0

Time-->

7.70

7.80

7.90



#16

Acetone

Concen: 11.720 ug/l

RT: 3.99 min Scan# 369

Delta R.T. 0.01 min

Lab File: VY001619.D

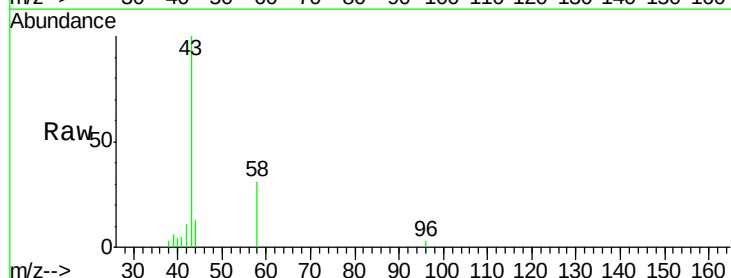
Acq: 12 Feb 2020 18:42

Tgt Ion: 43 Resp: 5677

Ion Ratio Lower Upper

43 100

58 31.5 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VY001619.D (-318) (-)

Ion 58.00 (57.70 to 58.70): VY001619.D (-318) (-)

3.99

2000

1500

1000

500

0

Time-->

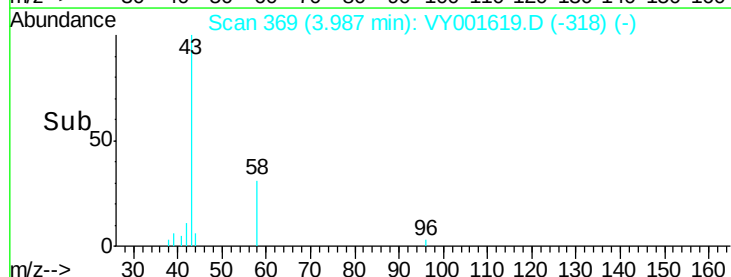
3.90

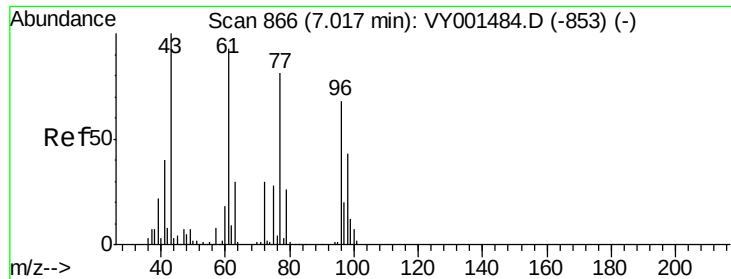
3.95

4.00

4.05

4.10





#25

2-Butanone

Concen: 12.647 ug/l

RT: 7.03 min Scan# 868

Delta R.T. 0.01 min

Lab File: VY001619.D

Acq: 12 Feb 2020 18:42

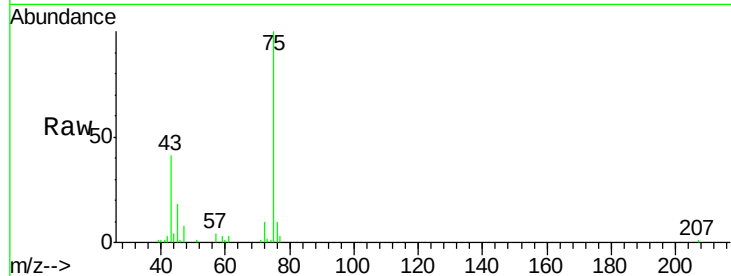
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 7948

Ion Ratio Lower Upper

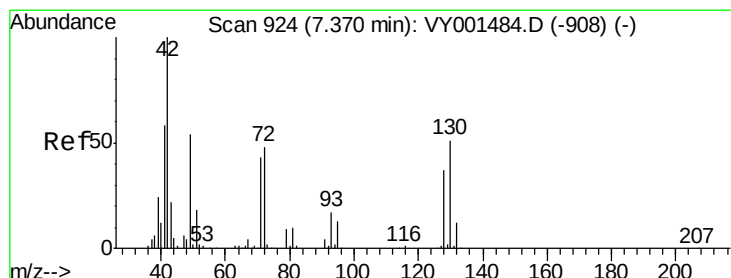
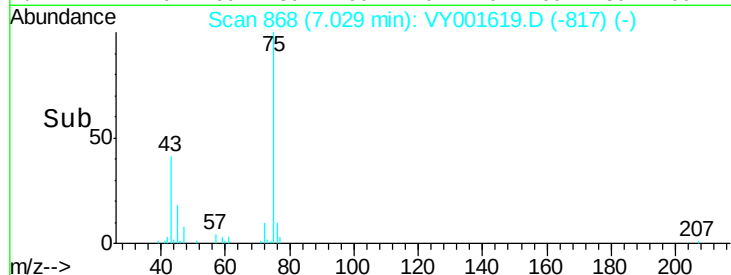
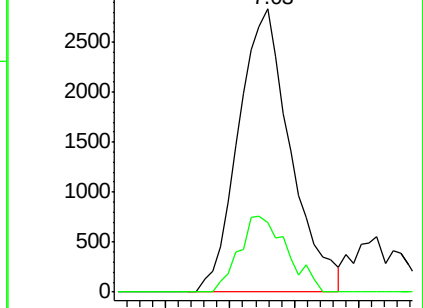
43 100

72 24.5 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#29

Tetrahydrofuran

Concen: 93.561 ug/l

RT: 7.38 min Scan# 925

Delta R.T. 0.01 min

Lab File: VY001619.D

Acq: 12 Feb 2020 18:42

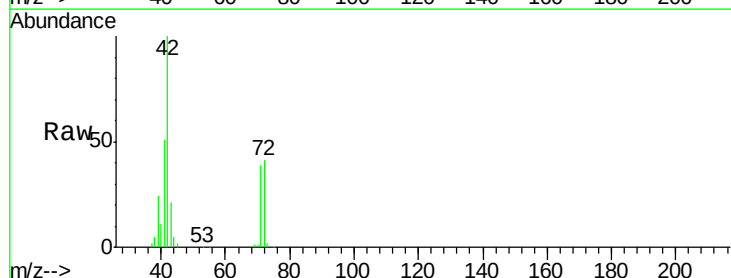
Tgt Ion: 42 Resp: 35241

Ion Ratio Lower Upper

42 100

72 43.4 37.8 56.6

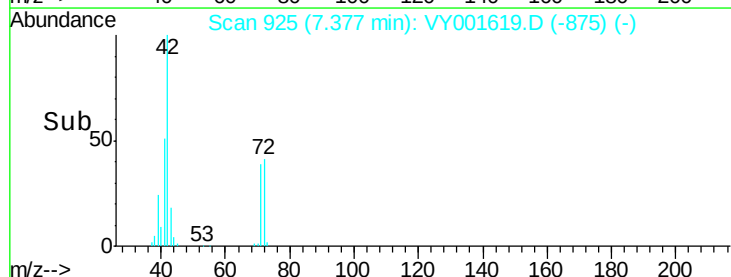
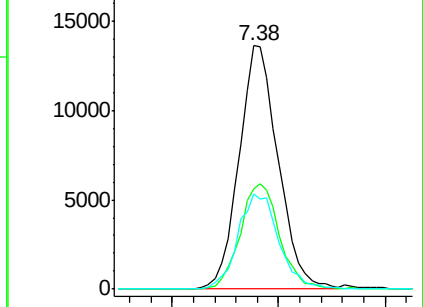
71 40.9 34.8 52.2

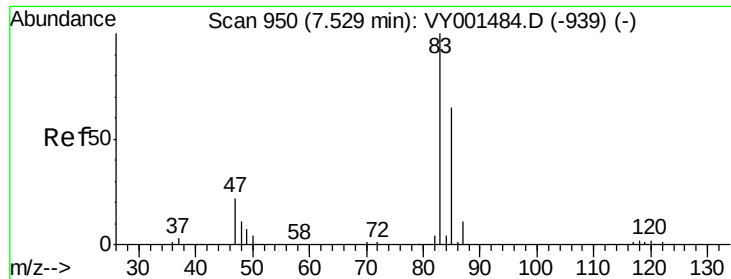


Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0

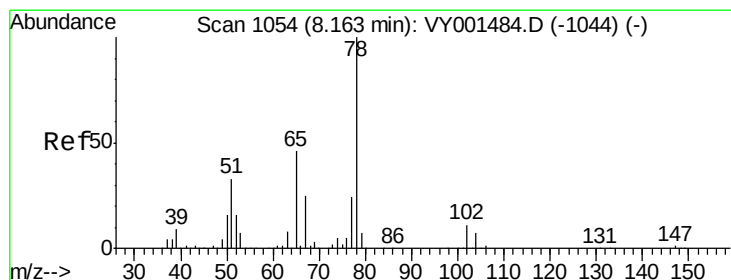
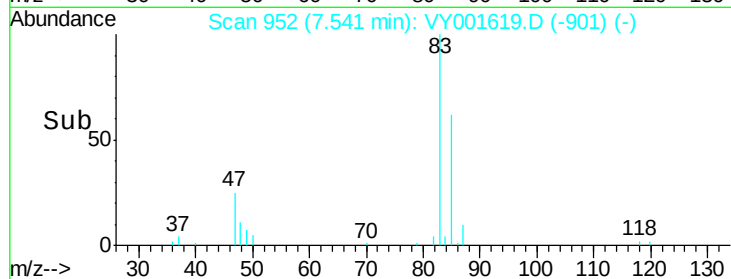
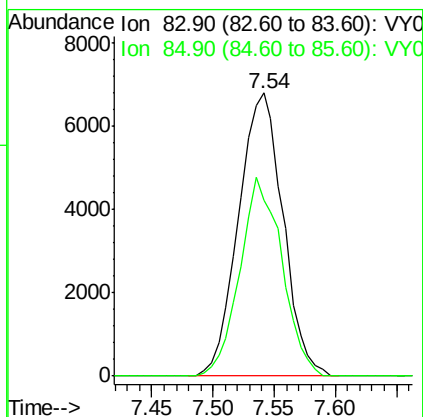
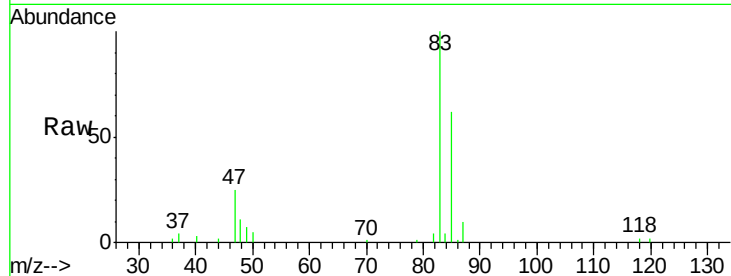




#30
Chloroform
Concen: 5.312 ug/l
RT: 7.54 min Scan# 952
Delta R.T. 0.01 min
Lab File: VY001619.D
Acq: 12 Feb 2020 18:42

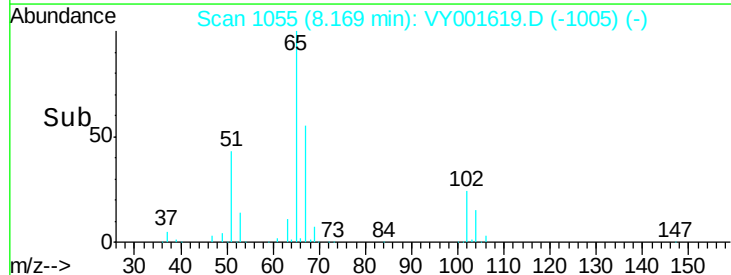
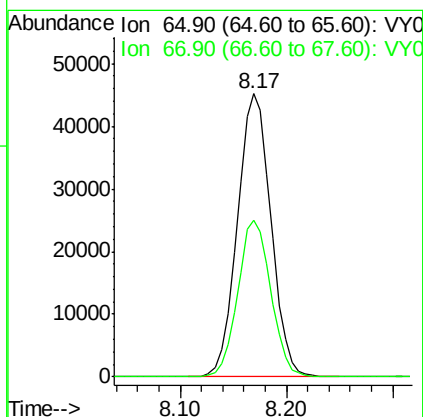
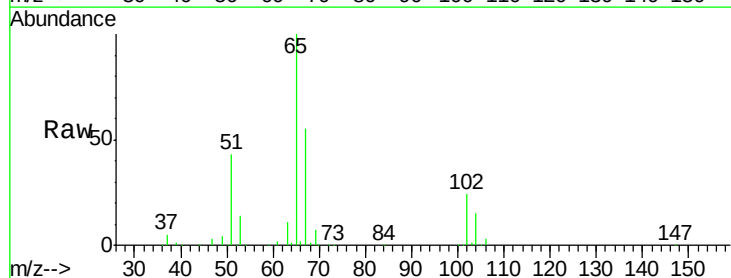
Instrument :
MSVOA_Y
ClientSampleId :

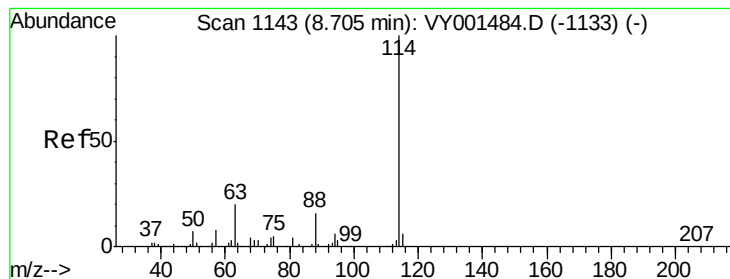
Tot Ion: 83 Resp: 17151
Ion Ratio Lower Upper
83 100
85 62.1 52.4 78.6



#33
1,2-Dichloroethane-d4
Concen: 59.610 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY001619.D
Acq: 12 Feb 2020 18:42

Tgt Ion: 65 Resp: 99824
Ion Ratio Lower Upper
65 100
67 54.6 0.0 108.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY001619.D

Acq: 12 Feb 2020 18:42

Instrument :

MSVOA_Y

ClientSampleId :

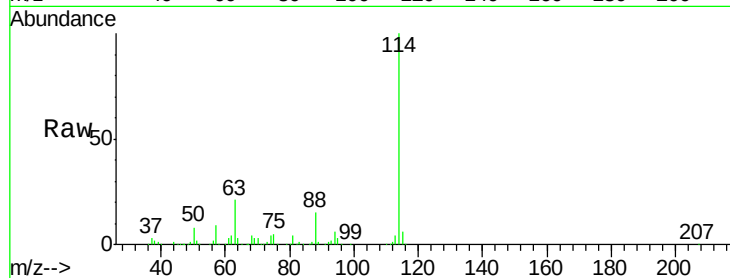
Tot Ion:114 Resp: 303453

Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.8

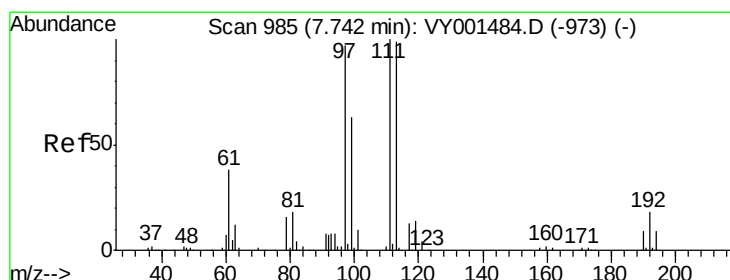
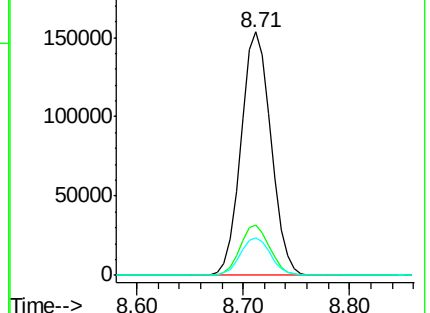
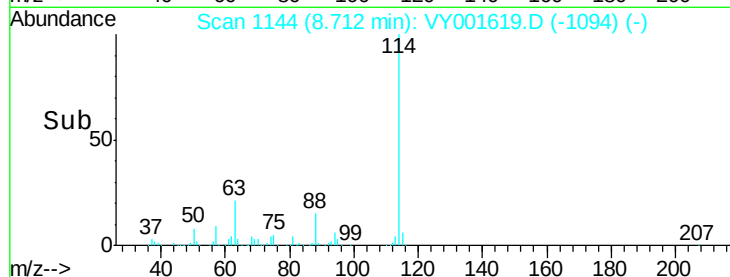
88 15.5 0.0 32.6



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: 50.440 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY001619.D

Acq: 12 Feb 2020 18:42

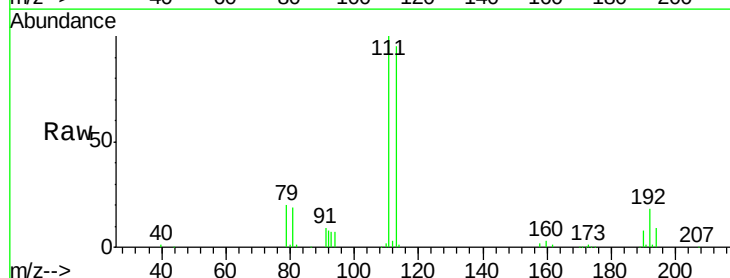
Tgt Ion:113 Resp: 88263

Ion Ratio Lower Upper

113 100

111 103.6 82.9 124.3

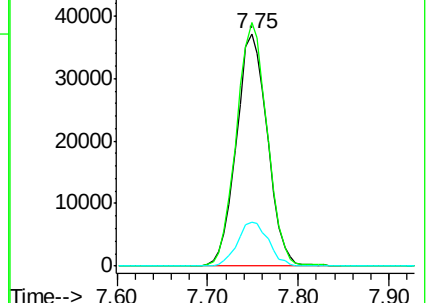
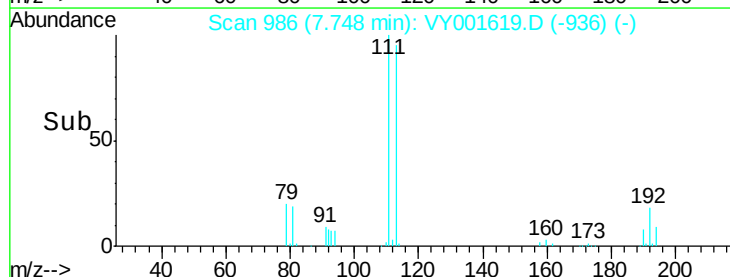
192 18.8 14.6 22.0

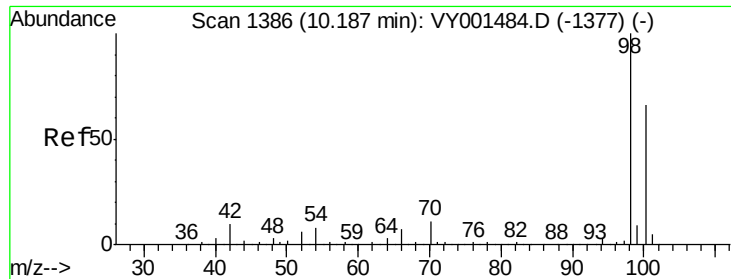


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.765 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001619.D

Acq: 12 Feb 2020 18:42

Instrument :

MSVOA_Y

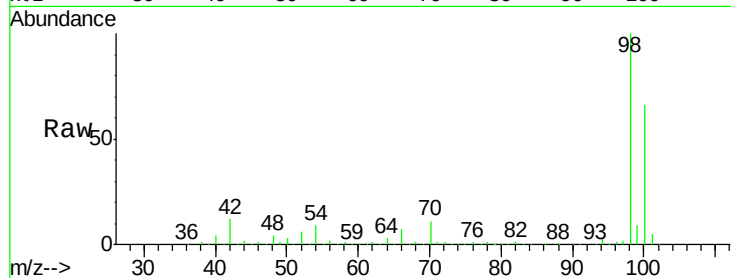
ClientSampleId :

Tot Ion: 98 Resp: 362568

Ion Ratio Lower Upper

98 100

100 66.3 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY001619.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY001619.D (-1377) (-)

10.19

250000

200000

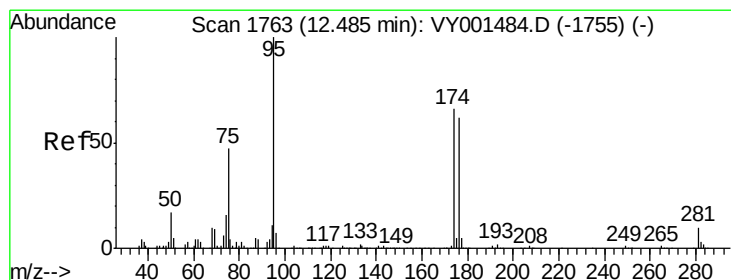
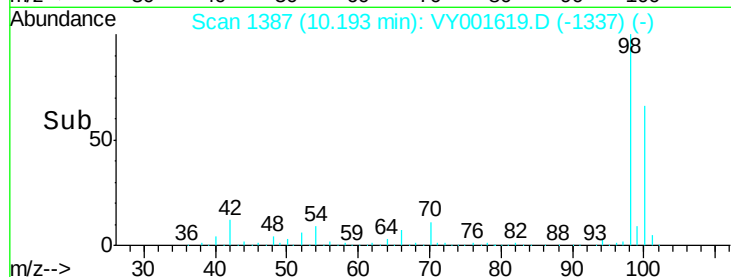
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.287 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY001619.D

Acq: 12 Feb 2020 18:42

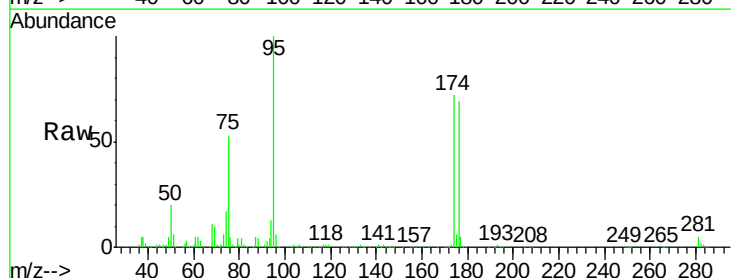
Tgt Ion: 95 Resp: 125937

Ion Ratio Lower Upper

95 100

174 75.0 0.0 141.4

176 72.8 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VY001619.D (-1714) (-)

Ion 173.80 (173.50 to 174.50): VY001619.D (-1714) (-)

Ion 175.80 (175.50 to 176.50): VY001619.D (-1714) (-)

12.49

100000

80000

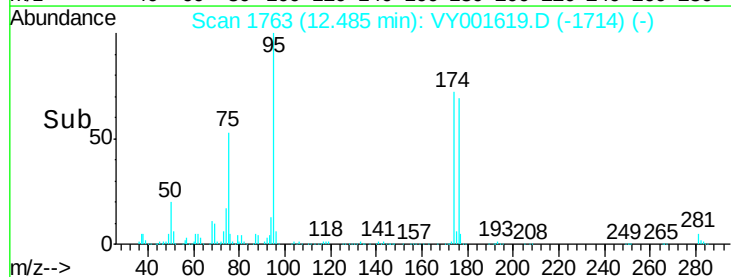
60000

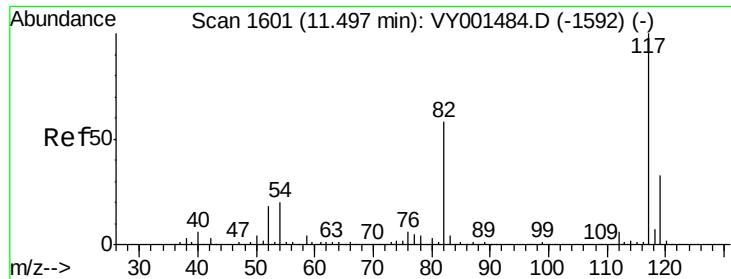
40000

20000

0

Time-->

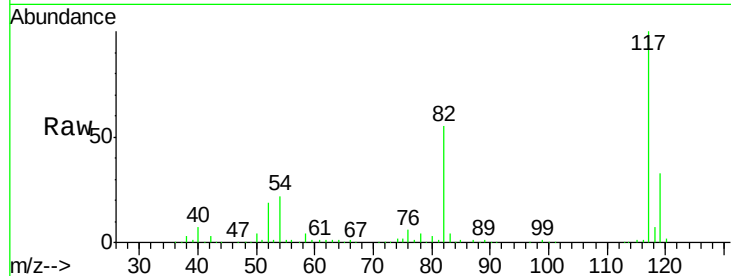




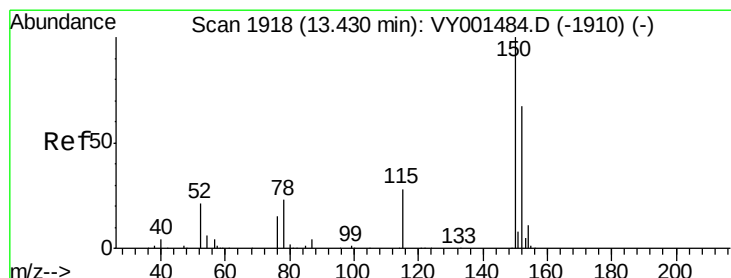
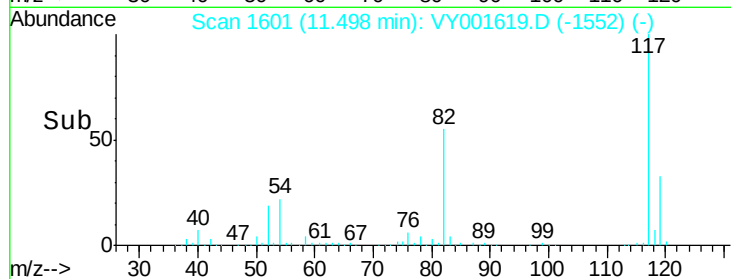
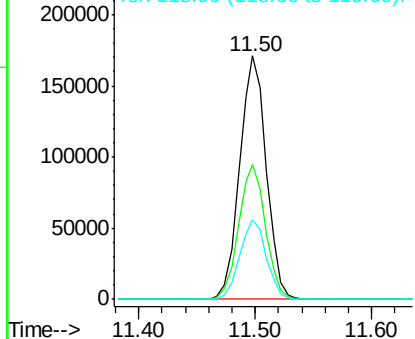
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY001619.D
Acq: 12 Feb 2020 18:42

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 271235
Ion Ratio Lower Upper
117 100
82 55.5 46.1 69.1
119 32.6 26.1 39.1

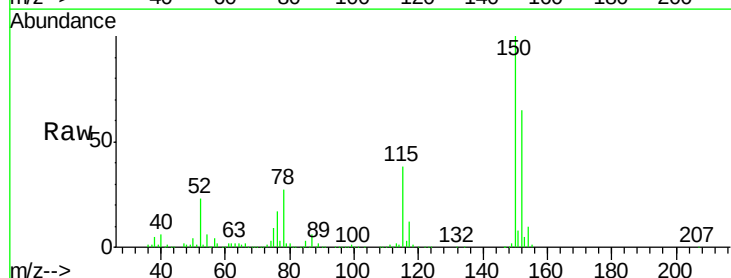


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY001619.D
Acq: 12 Feb 2020 18:42

Tgt Ion:152 Resp: 123466
Ion Ratio Lower Upper
152 100
115 60.3 31.4 94.3
150 157.2 0.0 346.8



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

