

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
 Data File : VY003580.D
 Acq On : 20 Nov 2020 19:53
 Operator : SY/MD
 Sample : L4838-03
 Misc : 5.59G/5ML/MSVOA Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 KENS-B2-111920-6-8

Quant Time: Nov 21 03:18:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:00:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	85078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	210812	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	204131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	92796	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		8.14	65	71772	81.25	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	162.50%	
35) Dibromofluoromethane		7.72	113	76404	55.14	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.28%	
50) Toluene-d8		10.17	98	262061	48.63	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.26%	
62) 4-Bromofluorobenzene		12.48	95	80890	47.30	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.60%	

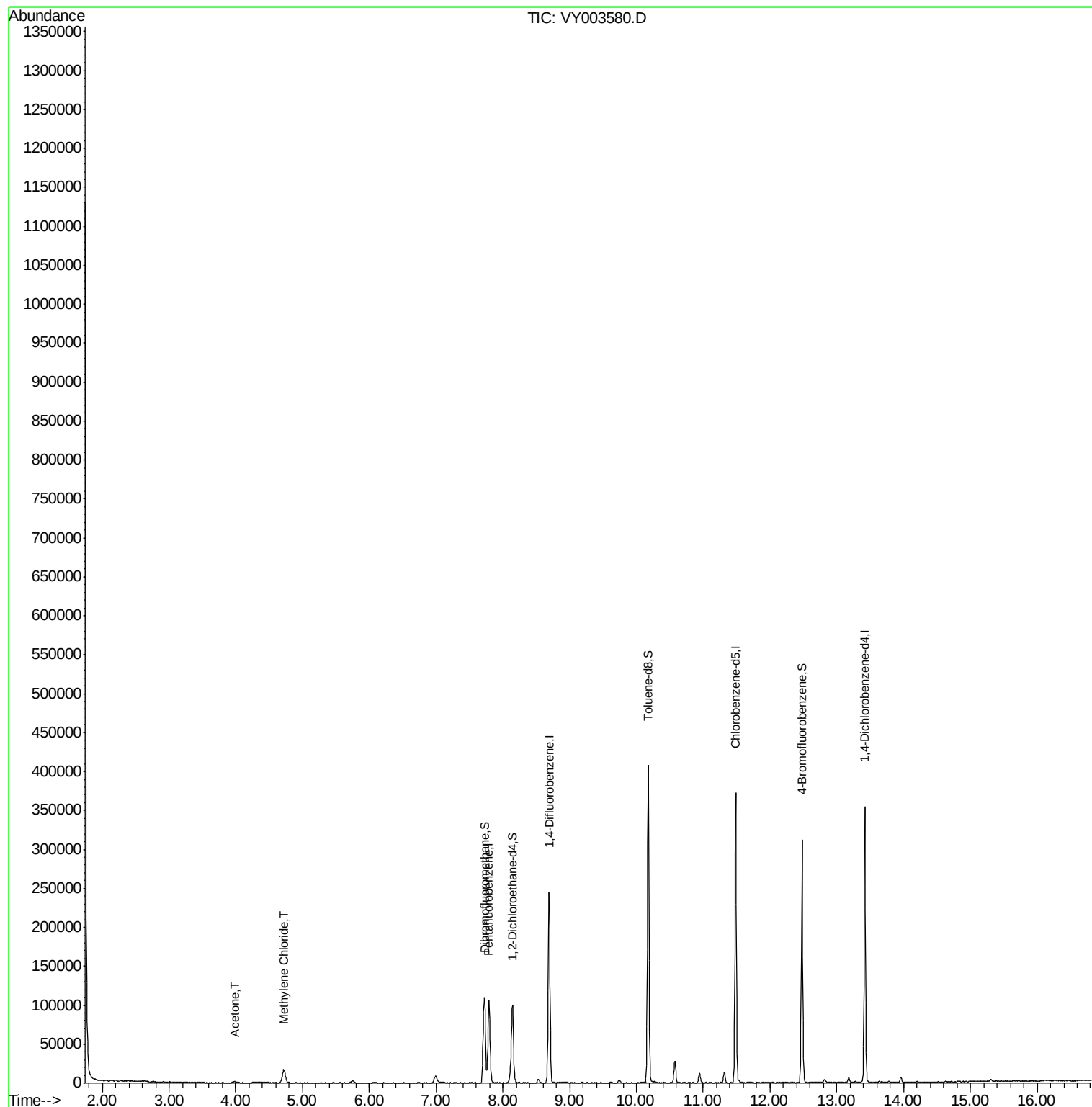
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.98	43	3664	12.422	ug/l #	86
20) Methylene Chloride	4.72	84	13340	9.514	ug/l	89

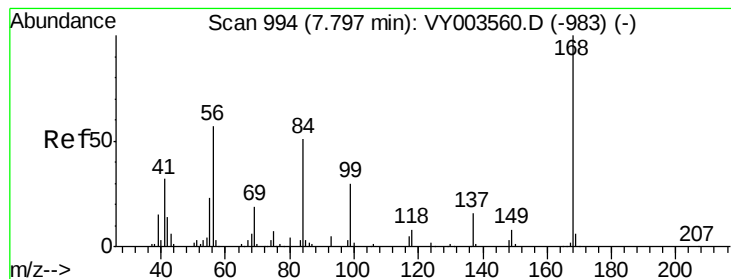
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY003580.D

Acq: 20 Nov 2020 19:53

Instrument :

MSVOA_Y

ClientSampleId :

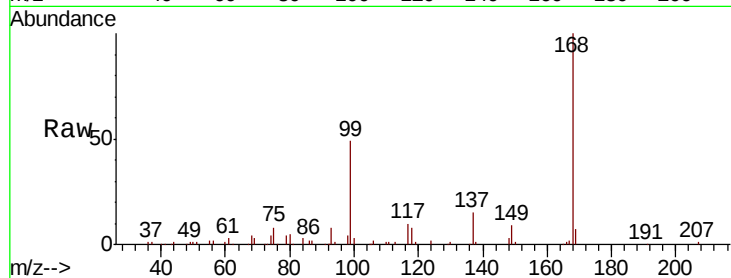
KENS-B2-111920-6-8

Tot Ion:168 Resp: 85078

Ion Ratio Lower Upper

168 100

99 49.2 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): VY003560.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003560.D (-983) (-)

7.79

40000

30000

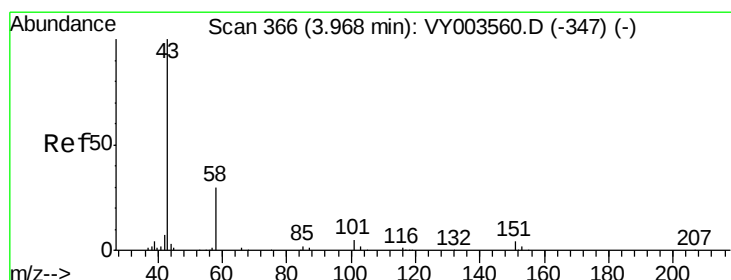
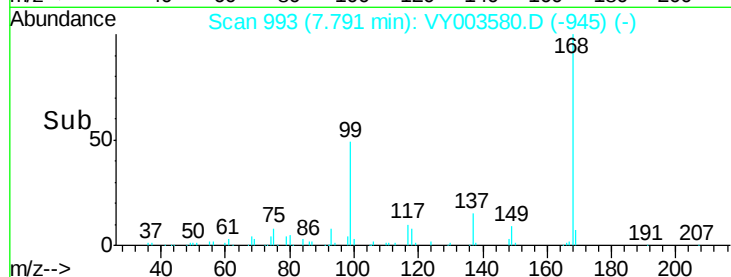
20000

10000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 12.422 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY003580.D

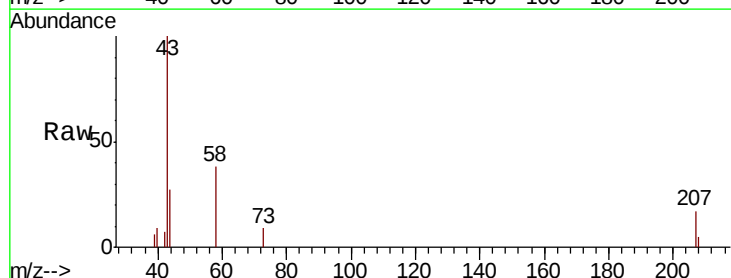
Acq: 20 Nov 2020 19:53

Tgt Ion: 43 Resp: 3664

Ion Ratio Lower Upper

43 100

58 37.5 23.8 35.8#



Abundance Ion 43.00 (42.70 to 43.70): VY003560.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY003560.D (-347) (-)

3.98

1200

1000

800

600

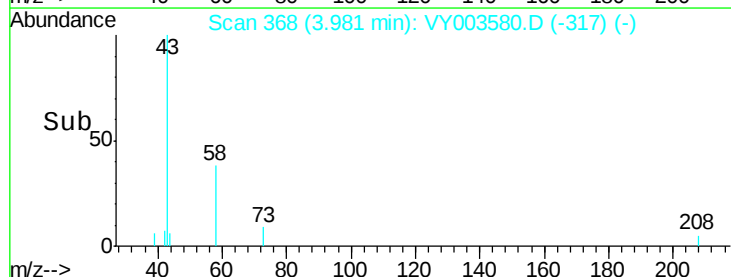
400

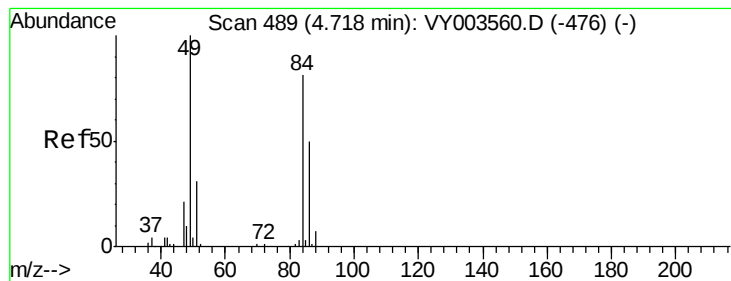
200

0

3.90 4.00 4.10

Time-->





#20

Methylene Chloride

Concen: 9.514 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.01 min

Lab File: VY003580.D

Acq: 20 Nov 2020 19:53

Instrument :

MSVOA_Y

ClientSampleId :

KENS-B2-111920-6-8

Tot Ion: 84 Resp: 13340

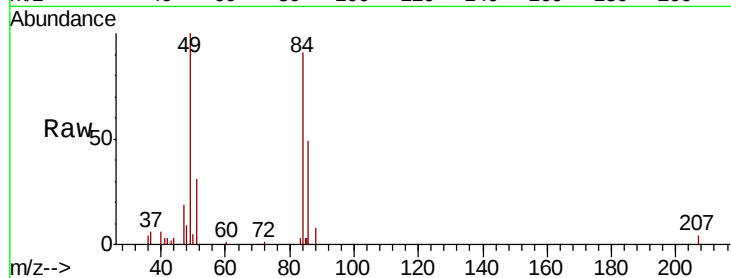
Ion Ratio Lower Upper

84 100

49 110.5 99.0 148.6

51 34.2 30.5 45.7

86 53.9 49.9 74.9

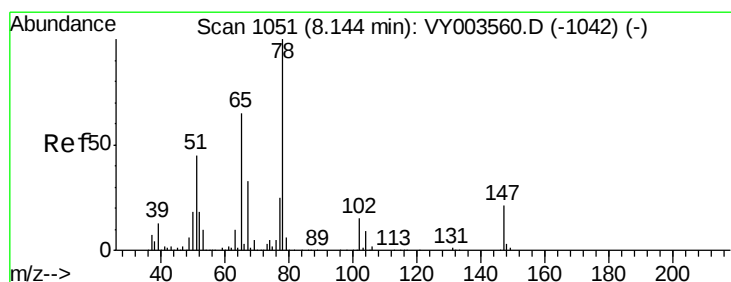
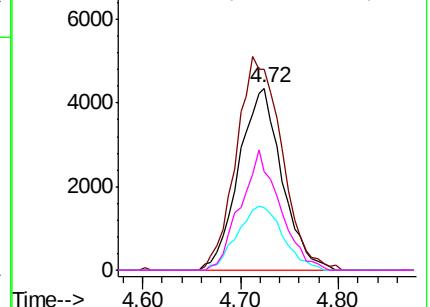
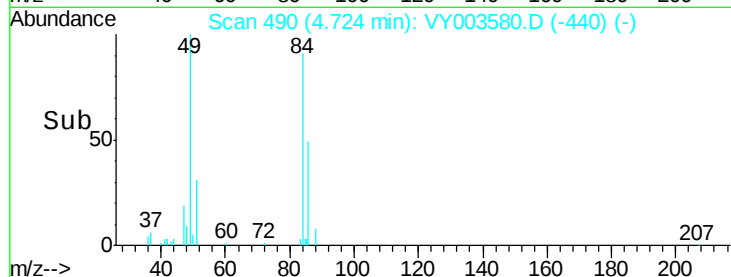


Abundance Ion 83.90 (83.60 to 84.60): VY003580.D (-440) (-)

Ion 48.90 (48.60 to 49.60): VY003580.D (-440) (-)

Ion 50.90 (50.60 to 51.60): VY003580.D (-440) (-)

Ion 85.90 (85.60 to 86.60): VY003580.D (-440) (-)



#33

1,2-Dichloroethane-d4

Concen: 81.246 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VY003580.D

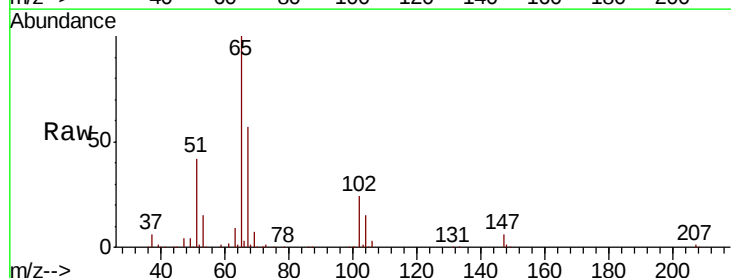
Acq: 20 Nov 2020 19:53

Tgt Ion: 65 Resp: 71772

Ion Ratio Lower Upper

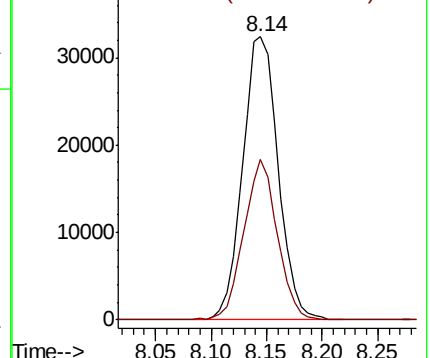
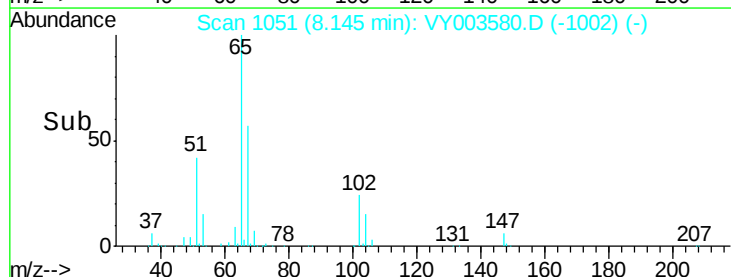
65 100

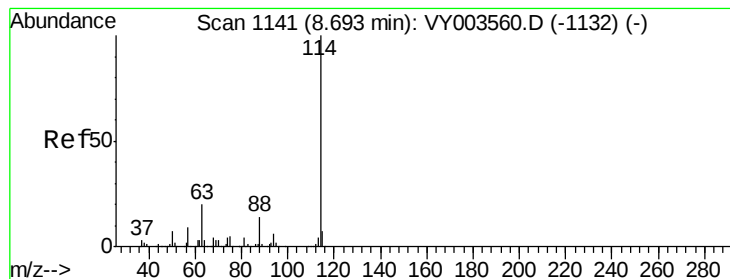
67 53.3 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VY003580.D (-1002) (-)

Ion 66.90 (66.60 to 67.60): VY003580.D (-1002) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY003580.D

Acq: 20 Nov 2020 19:53

Instrument :

MSVOA_Y

ClientSampleId :

KENS-B2-111920-6-8

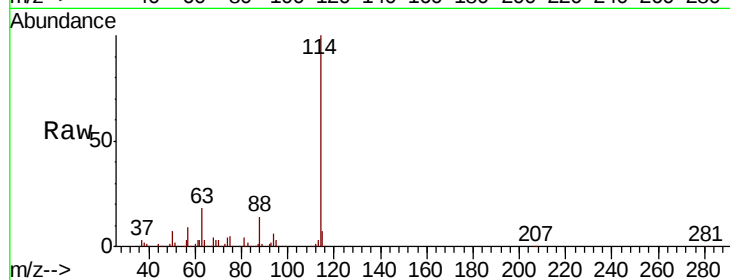
Tot Ion:114 Resp: 210812

Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.8

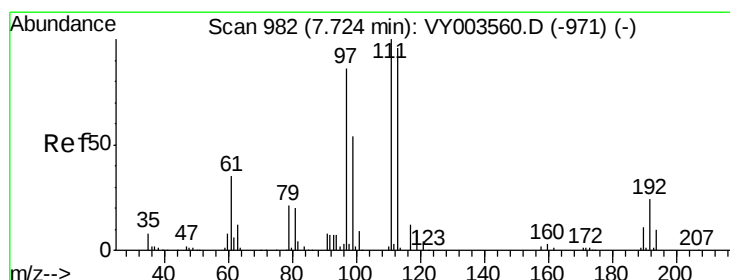
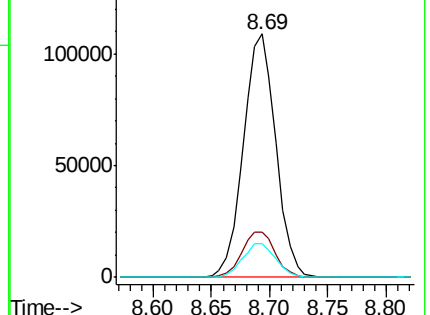
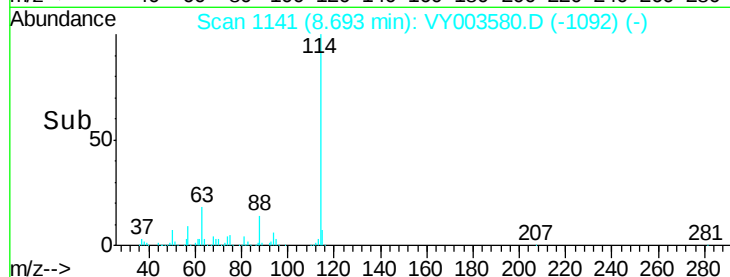
88 13.8 0.0 29.0



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: 55.136 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003580.D

Acq: 20 Nov 2020 19:53

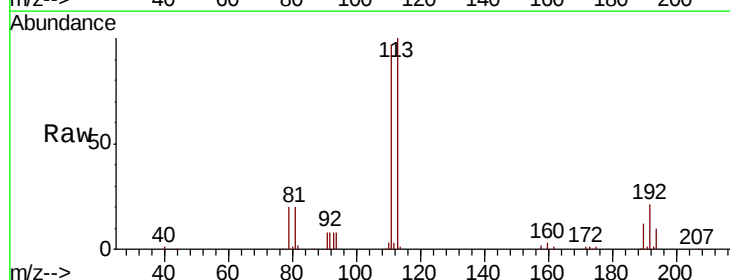
Tgt Ion:113 Resp: 76404

Ion Ratio Lower Upper

113 100

111 99.6 81.4 122.0

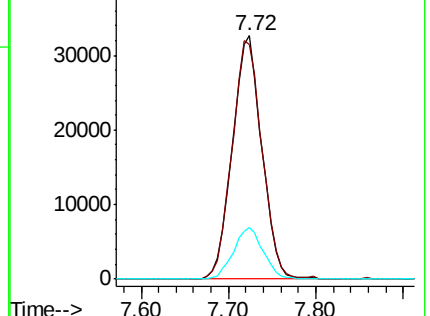
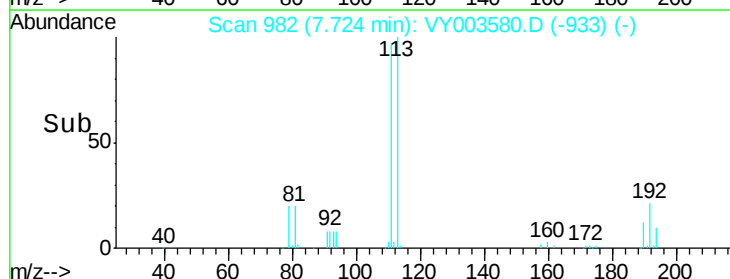
192 21.4 18.1 27.1

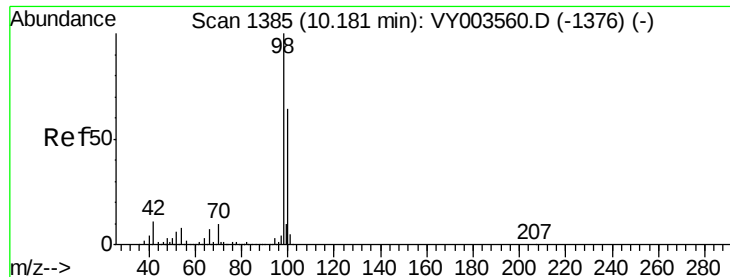


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.633 ug/l

RT: 10.17 min Scan# 1384

Delta R.T. -0.01 min

Lab File: VY003580.D

Acq: 20 Nov 2020 19:53

Instrument :

MSVOA_Y

ClientSampleId :

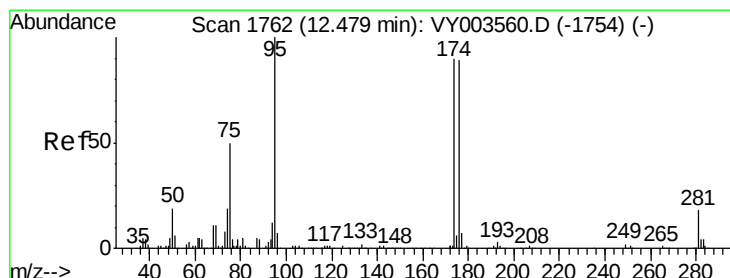
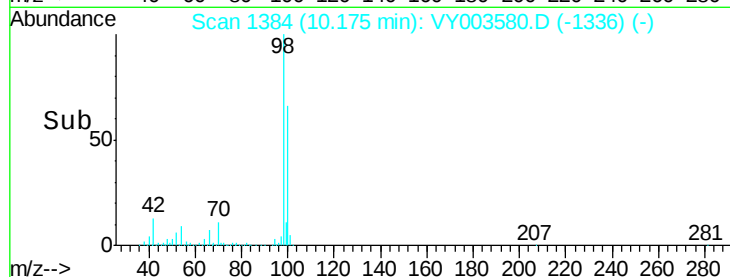
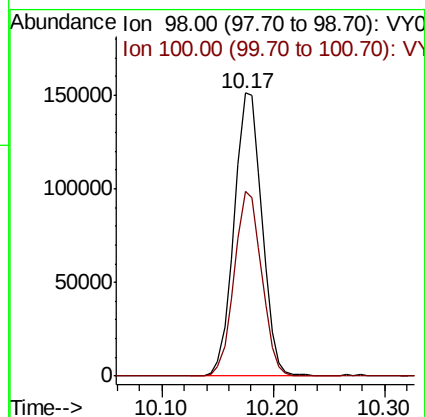
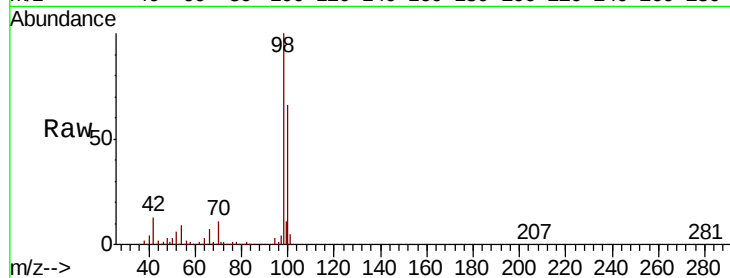
KENS-B2-111920-6-8

Tot Ion: 98 Resp: 262061

Ion Ratio Lower Upper

98 100

100 64.6 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 47.302 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003580.D

Acq: 20 Nov 2020 19:53

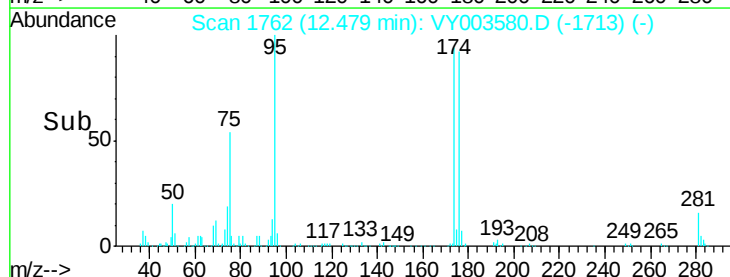
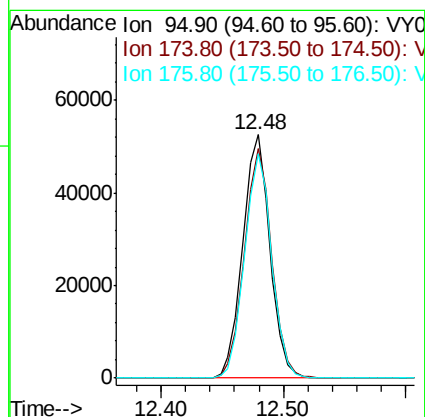
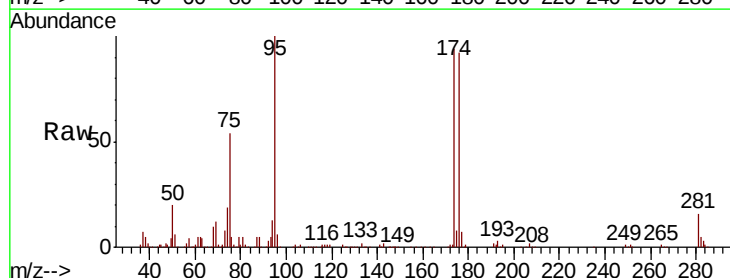
Tgt Ion: 95 Resp: 80890

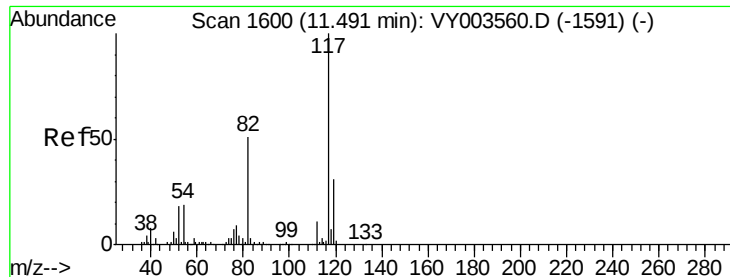
Ion Ratio Lower Upper

95 100

174 94.7 0.0 184.0

176 91.8 0.0 180.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VY003580.D

Acq: 20 Nov 2020 19:53

Instrument :

MSVOA_Y

ClientSampleId :

KENS-B2-111920-6-8

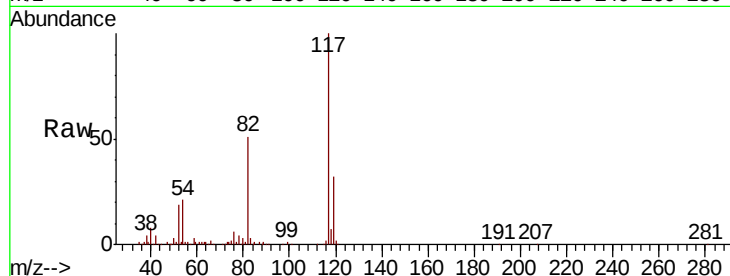
Tot Ion:117 Resp: 204131

Ion Ratio Lower Upper

117 100

82 51.1 41.0 61.6

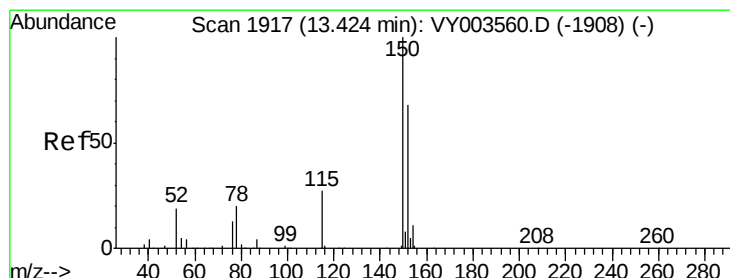
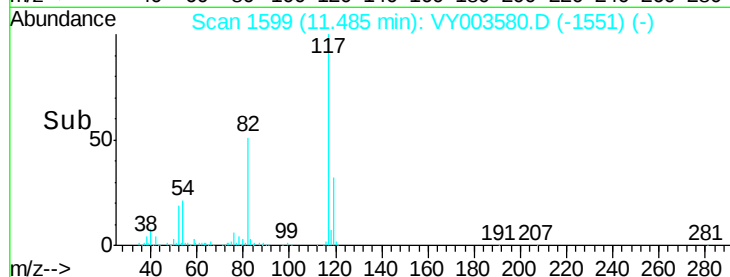
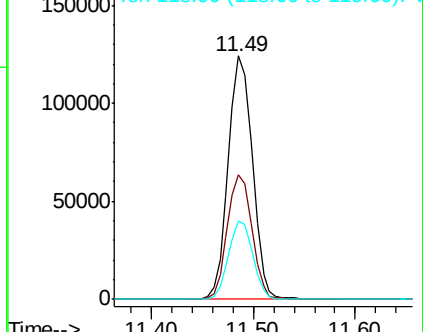
119 32.2 25.0 37.6



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: 13.42 min Scan# 1916

Delta R.T. -0.01 min

Lab File: VY003580.D

Acq: 20 Nov 2020 19:53

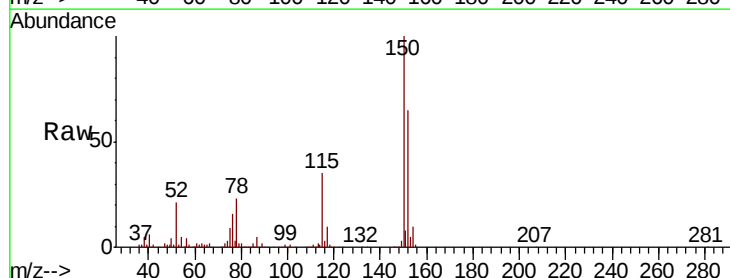
Tgt Ion:152 Resp: 92796

Ion Ratio Lower Upper

152 100

115 53.9 27.4 82.0

150 155.6 0.0 349.6



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

