

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
 Data File : VY003579.D
 Acq On : 20 Nov 2020 19:31
 Operator : SY/MD
 Sample : L4838-01
 Misc : 4.59G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 KENS-B2-111920-0-2

Quant Time: Nov 21 03:16:16 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	7.80	168	84608	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	210712	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	203069	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	91751	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	73232	83.36	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	166.72%#
35) Dibromofluoromethane	7.72	113	75924	54.82	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.64%
50) Toluene-d8	10.18	98	261331	48.52	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.04%
62) 4-Bromofluorobenzene	12.48	95	82230	48.11	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.22%

Target Compounds

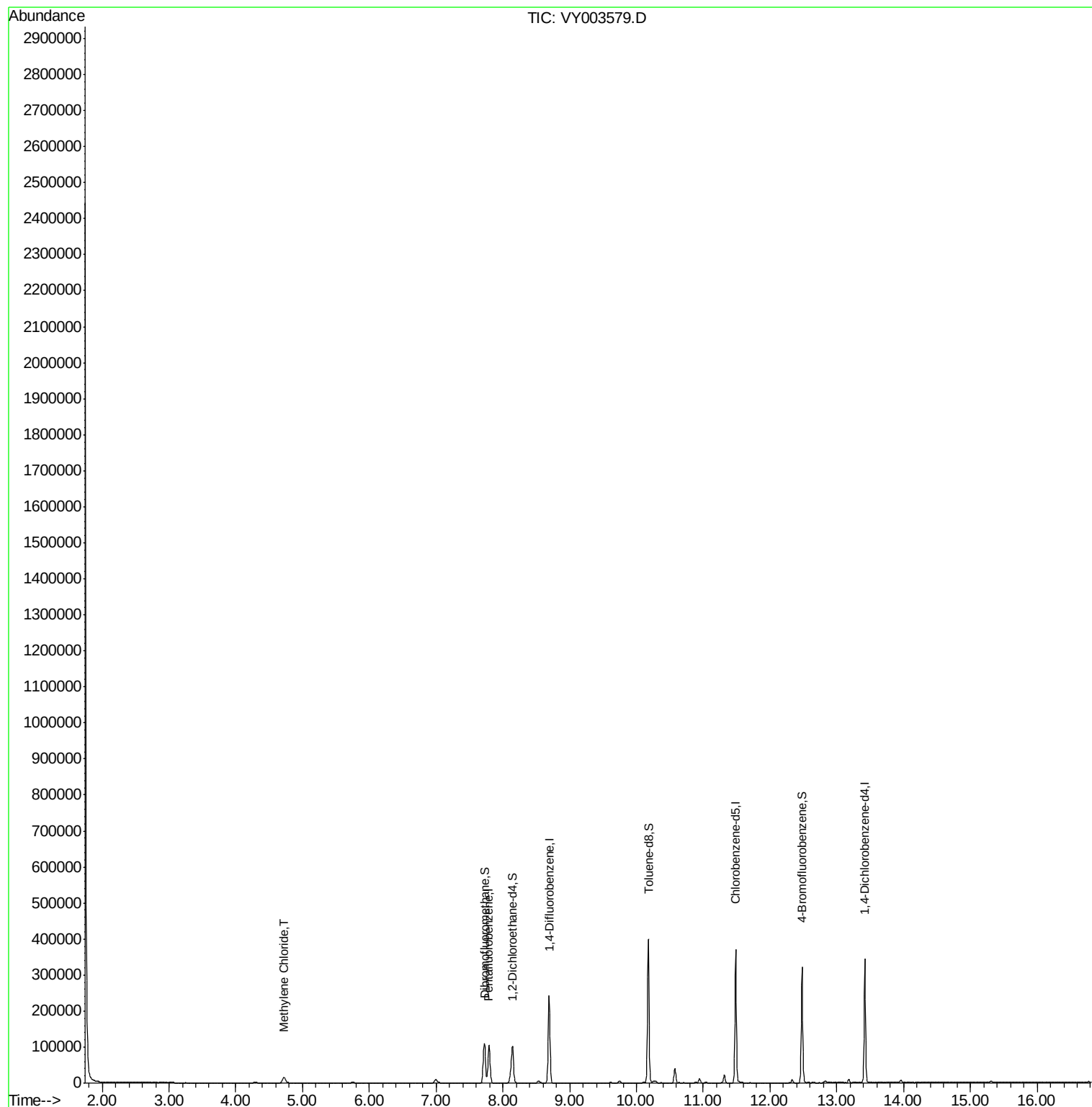
					Qvalue
20) Methylene Chloride	4.72	84	11703	7.581 ug/l	97

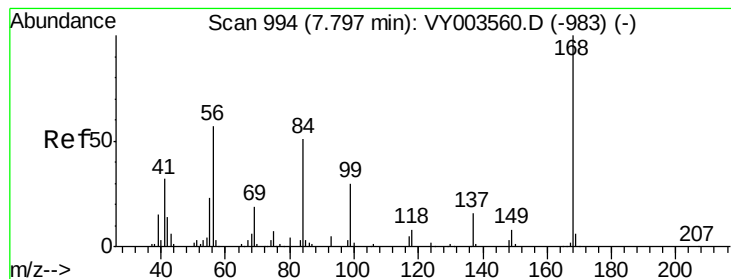
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003579.D

Acq: 20 Nov 2020 19:31

Instrument :

MSVOA_Y

ClientSampleId :

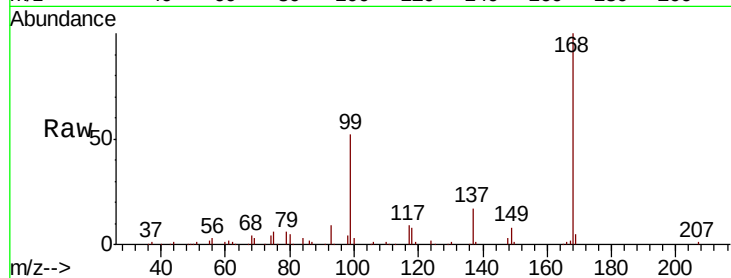
KENS-B2-111920-0-2

Tot Ion:168 Resp: 84608

Ion Ratio Lower Upper

168 100

99 51.7 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) (-)

7.80

40000

30000

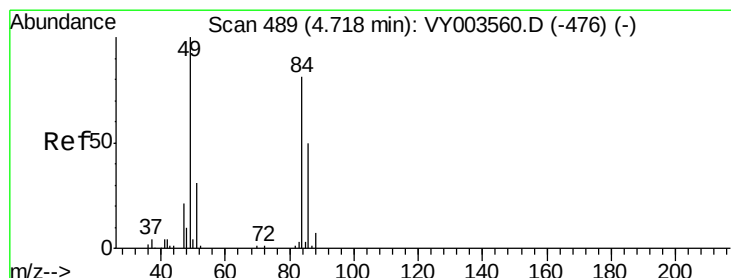
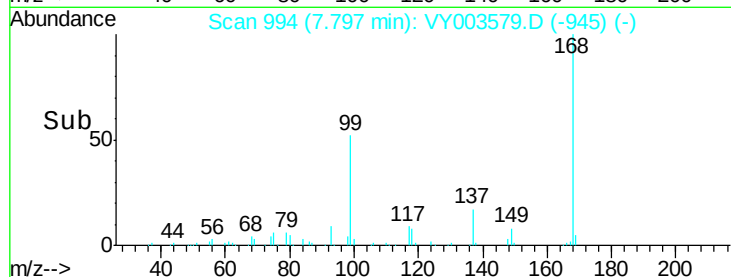
20000

10000

0

7.70 7.80 7.90

Time-->



#20

Methylene Chloride

Concen: 7.581 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.01 min

Lab File: VY003579.D

Acq: 20 Nov 2020 19:31

Tgt Ion: 84 Resp: 11703

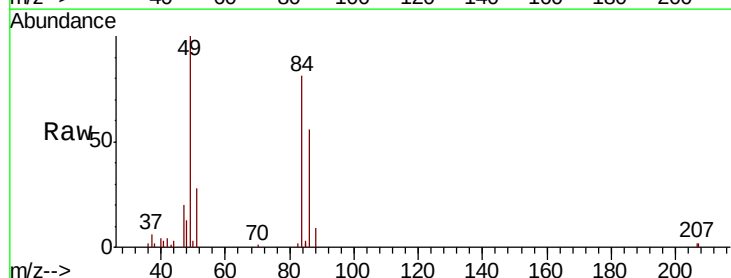
Ion Ratio Lower Upper

84 100

49 123.2 99.0 148.6

51 34.7 30.5 45.7

86 67.0 49.9 74.9



Abundance Ion 83.90 (83.60 to 84.60): VY003560.D (-476) (-)

Ion 48.90 (48.60 to 49.60): VY003560.D (-476) (-)

Ion 50.90 (50.60 to 51.60): VY003560.D (-476) (-)

Ion 85.90 (85.60 to 86.60): VY003560.D (-476) (-)

4.72

8000

6000

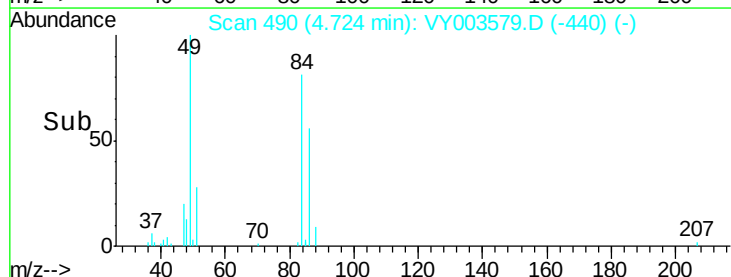
4000

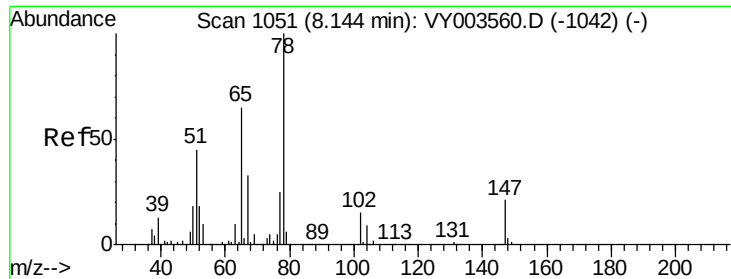
2000

0

4.60 4.70 4.80

Time-->

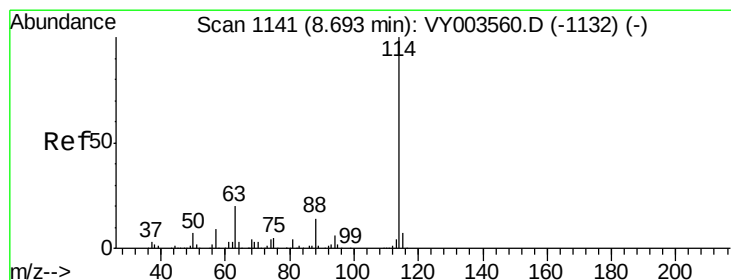
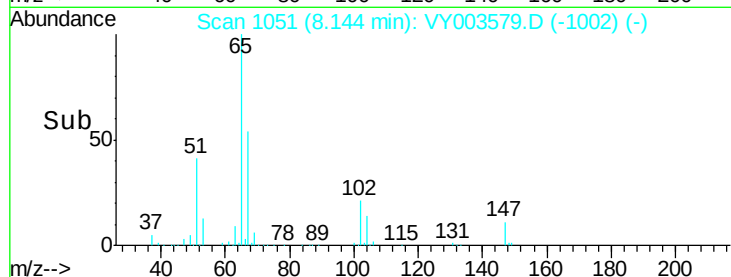
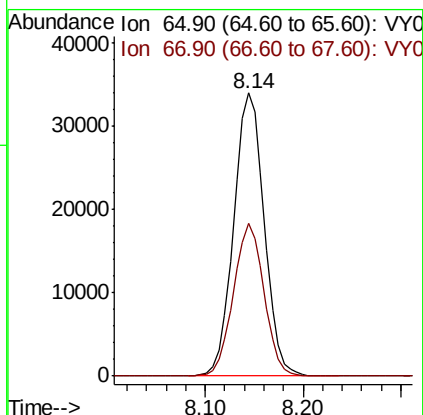
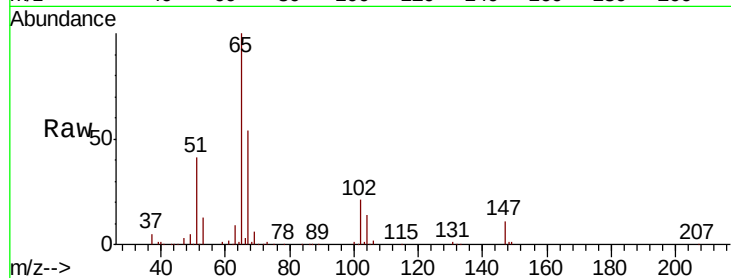




#33
 1,2-Dichloroethane-d4
 Concen: 83.360 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003579.D
 Acq: 20 Nov 2020 19:31

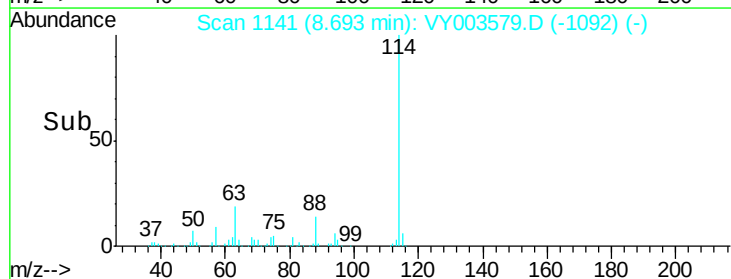
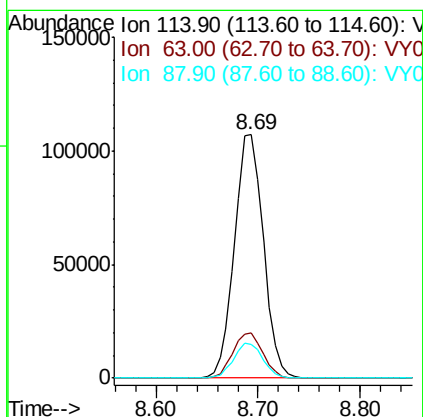
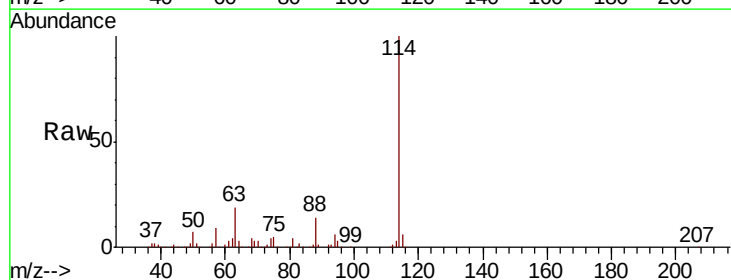
Instrument :
 MSVOA_Y
 ClientSampleId :
 KENS-B2-111920-0-2

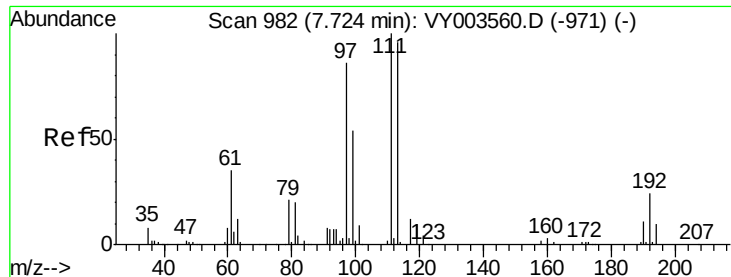
Tot Ion: 65 Resp: 73232
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003579.D
 Acq: 20 Nov 2020 19:31

Tgt Ion: 114 Resp: 210712
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.8
 88 13.8 0.0 29.0

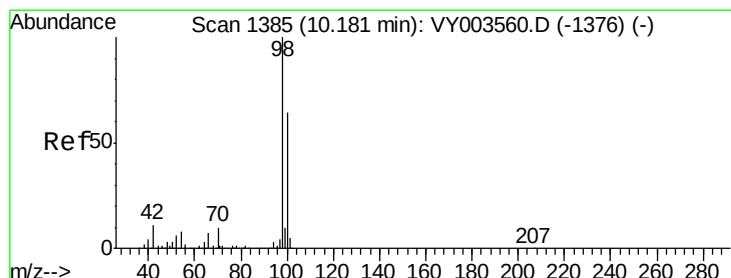
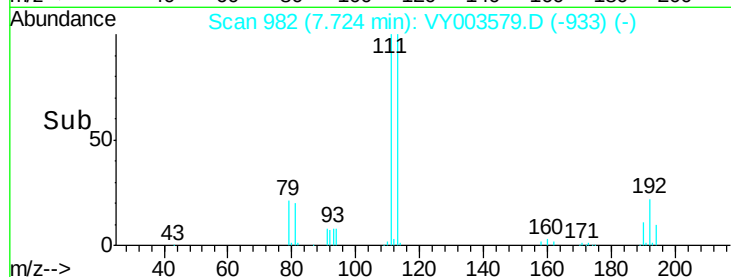
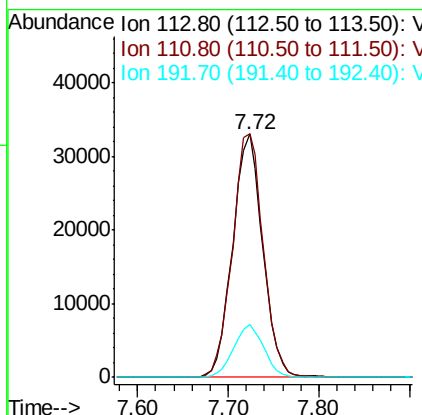
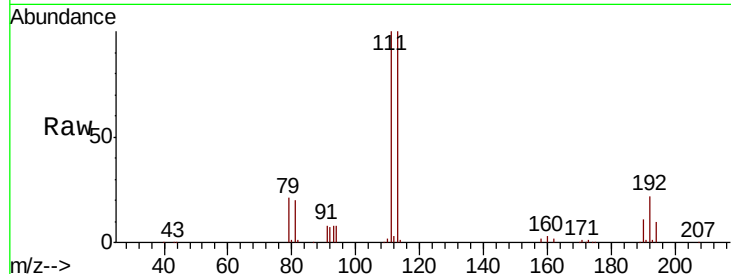




#35
 Dibromofluoromethane
 Concen: 54.815 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003579.D
 Acq: 20 Nov 2020 19:31

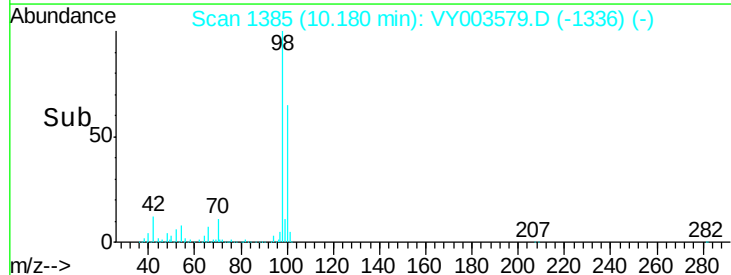
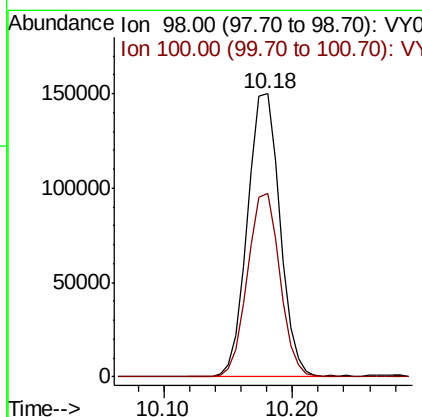
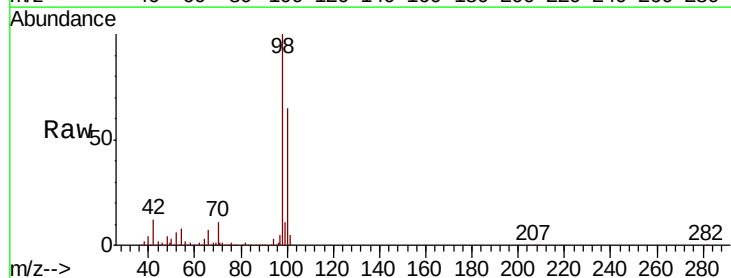
Instrument :
 MSVOA_Y
 ClientSampleId :
 KENS-B2-111920-0-2

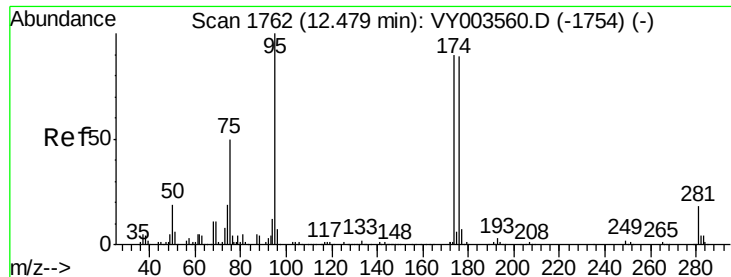
Tot Ion:113 Resp: 75924
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.4 122.0
 192 21.7 18.1 27.1



#50
 Toluene-d8
 Concen: 48.521 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY003579.D
 Acq: 20 Nov 2020 19:31

Tgt Ion: 98 Resp: 261331
 Ion Ratio Lower Upper
 98 100
 100 64.7 51.4 77.2

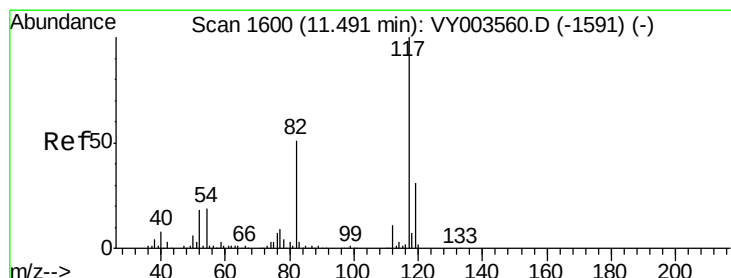
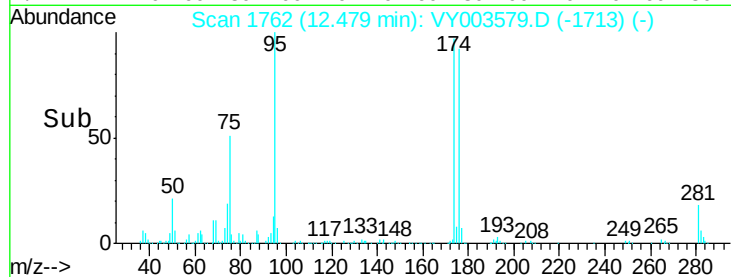
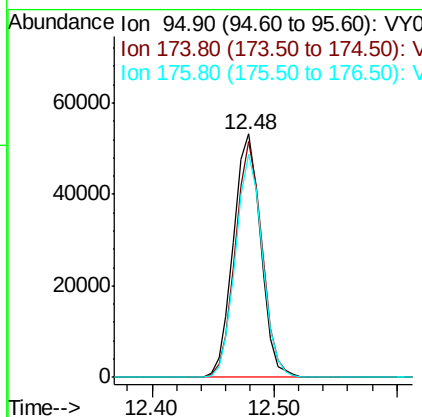
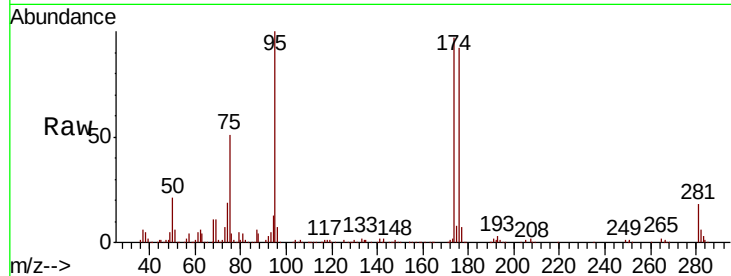




#62
4-Bromofluorobenzene
Concen: 48.109 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003579.D
Acq: 20 Nov 2020 19:31

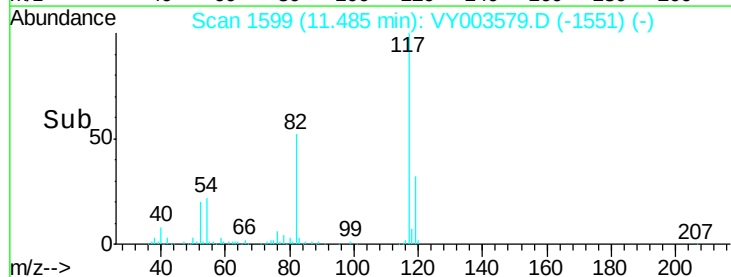
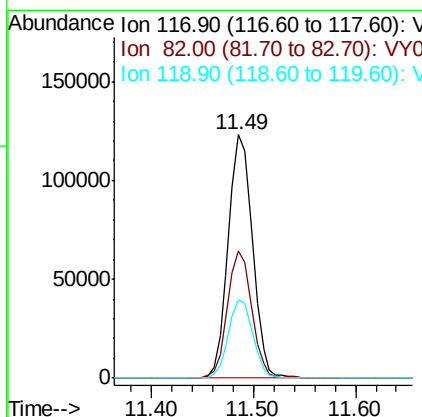
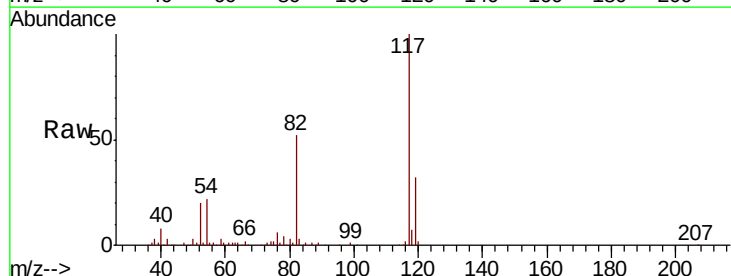
Instrument :
MSVOA_Y
ClientSampleId :
KENS-B2-111920-0-2

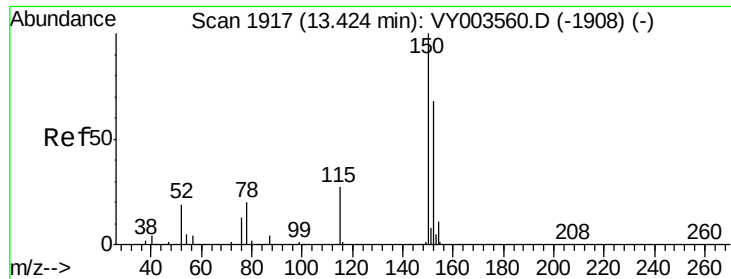
Tot Ion: 95 Resp: 82230
Ion Ratio Lower Upper
95 100
174 94.7 0.0 184.0
176 90.3 0.0 180.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003579.D
Acq: 20 Nov 2020 19:31

Tgt Ion: 117 Resp: 203069
Ion Ratio Lower Upper
117 100
82 52.2 41.0 61.6
119 32.4 25.0 37.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003579.D

Acq: 20 Nov 2020 19:31

Instrument :

MSVOA_Y

ClientSampleId :

KENS-B2-111920-0-2

Tot Ion:152 Resp: 91751

Ion Ratio Lower Upper

152 100

115 54.0 27.4 82.0

150 157.2 0.0 349.6

