

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012023\
 Data File : VY012296.D
 Acq On : 20 Jan 2023 17:23
 Operator : KP/MD
 Sample : 01232-06
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P-19A

Quant Time: Jan 23 02:23:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

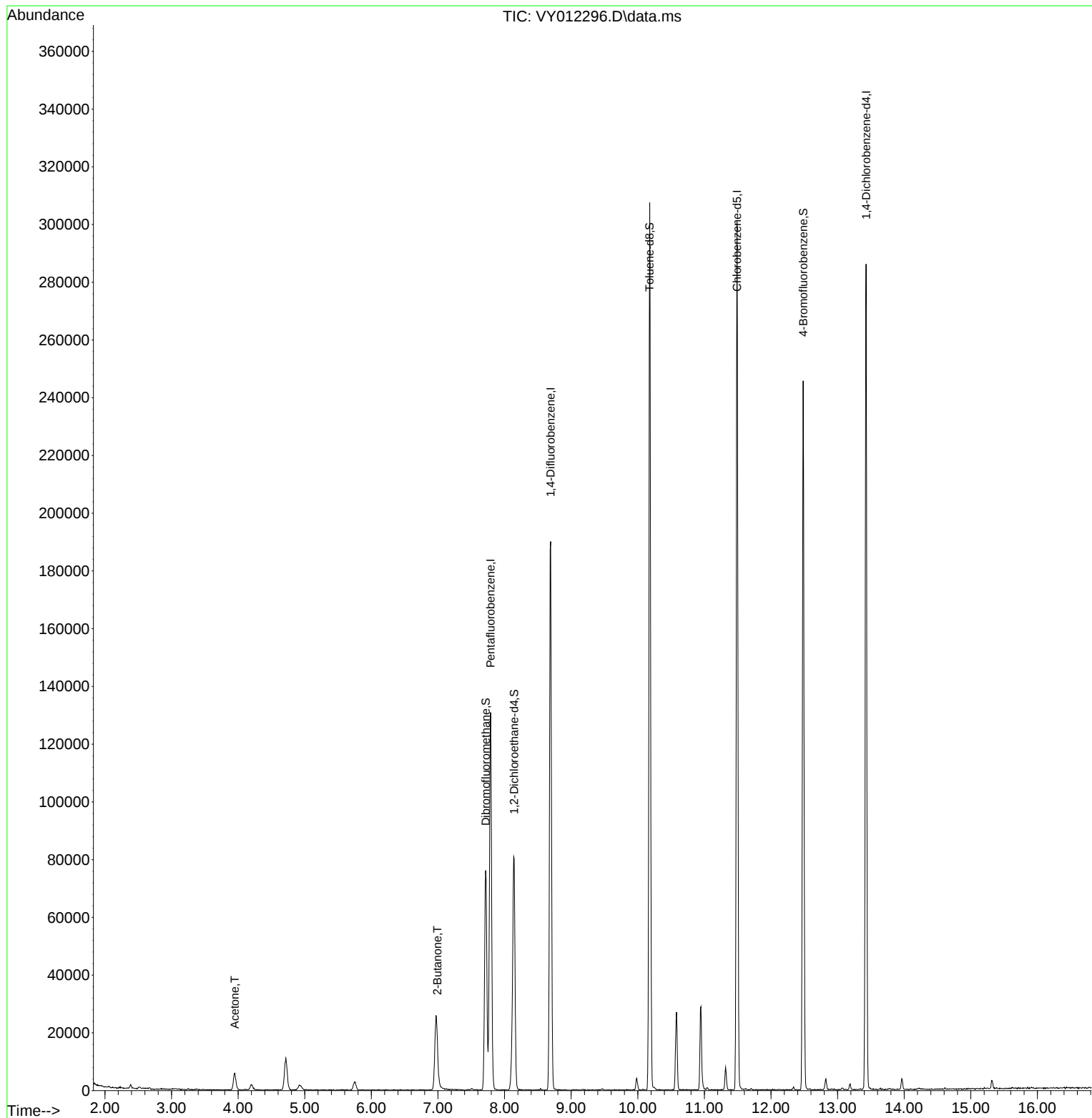
Internal Standards						
1) Pentafluorobenzene	7.789	168	104914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	172958	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	172382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	64373	76.075	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	152.140%
35) Dibromofluoromethane	7.716	113	54078	59.049	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.100%
50) Toluene-d8	10.179	98	206718	66.583	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	133.160%
62) 4-Bromofluorobenzene	12.483	95	69182	53.587	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.180%
Target Compounds						
16) Acetone	3.948	43	10085	34.521	ug/l	95
25) 2-Butanone	6.990	43	3111	9.646	ug/l #	81

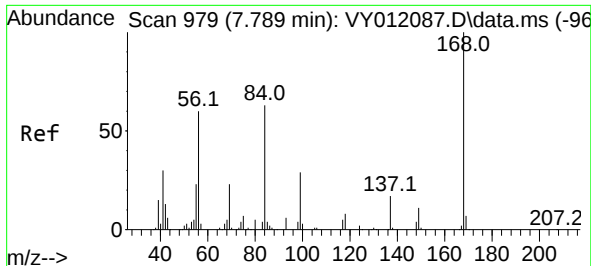
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012023\
Data File : VY012296.D
Acq On : 20 Jan 2023 17:23
Operator : KP/MD
Sample : 01232-06
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-P-19A

Quant Time: Jan 23 02:23:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
Response via : Initial Calibration

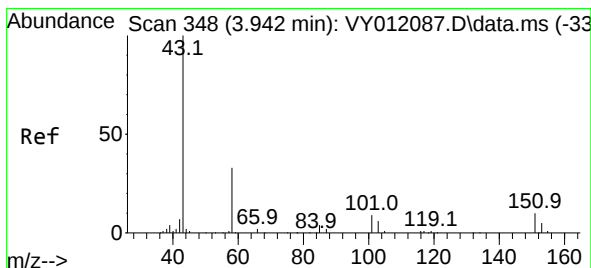
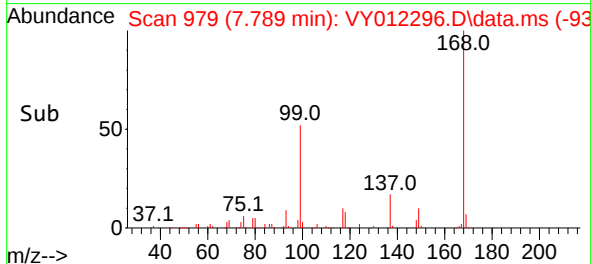
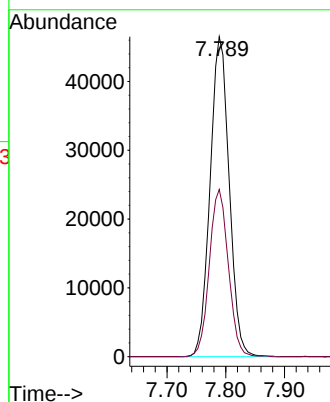
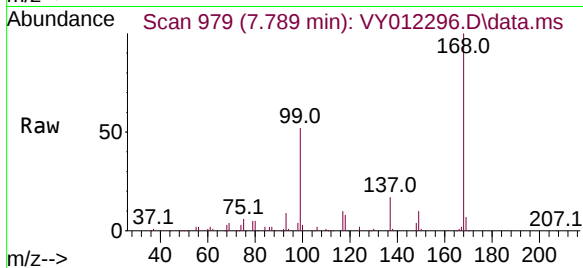




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012296.D
Acq: 20 Jan 2023 17:23

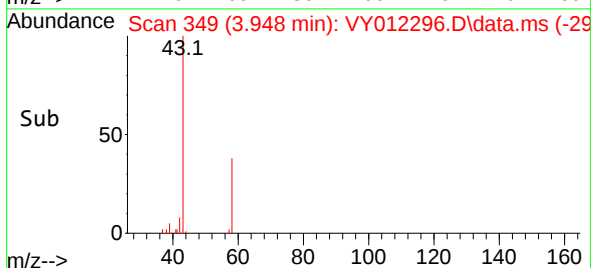
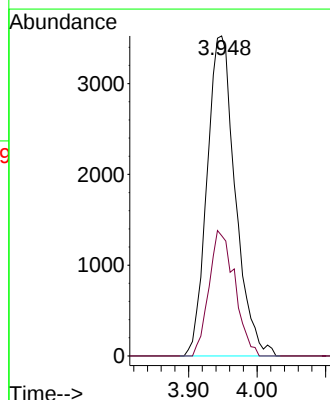
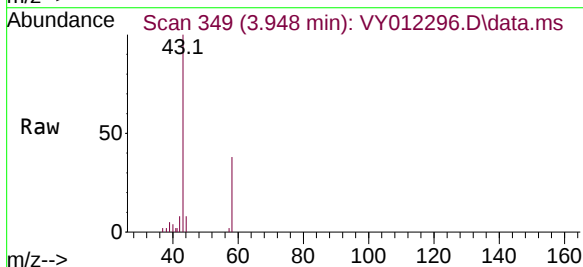
Instrument :
MSVOA_Y
ClientSampleId :
B-P-19A

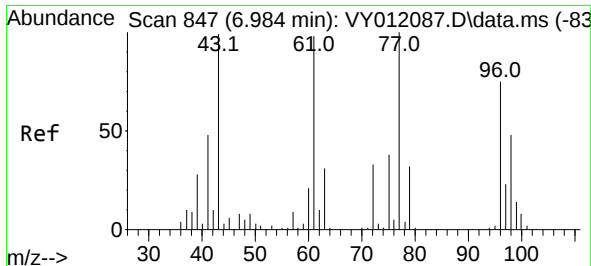
Tgt Ion:168 Resp: 104914
Ion Ratio Lower Upper
168 100
99 52.2 44.0 66.0



#16
Acetone
Concen: 34.521 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012296.D
Acq: 20 Jan 2023 17:23

Tgt Ion: 43 Resp: 10085
Ion Ratio Lower Upper
43 100
58 37.6 27.9 41.9





#25

2-Butanone

Concen: 9.646 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY012296.D

Acq: 20 Jan 2023 17:23

Instrument :

MSVOA_Y

ClientSampleId :

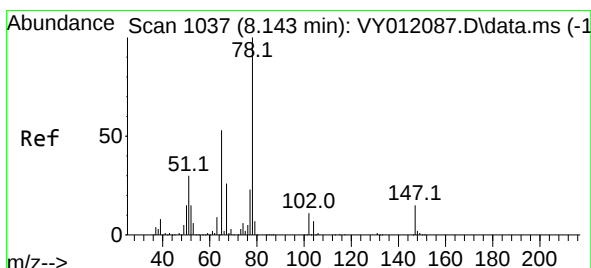
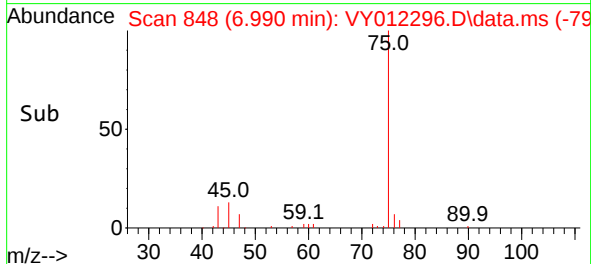
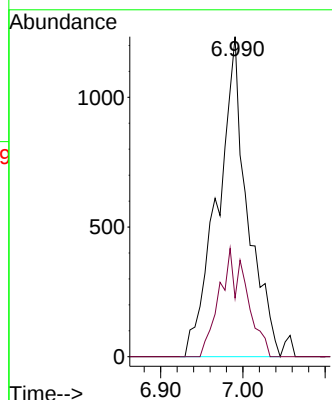
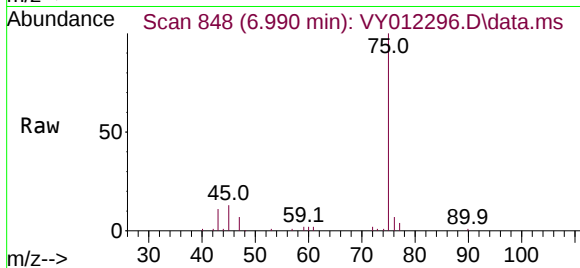
B-P-19A

Tgt Ion: 43 Resp: 3111

Ion Ratio Lower Upper

43 100

72 18.3 22.6 34.0#



#33

1,2-Dichloroethane-d4

Concen: 76.075 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012296.D

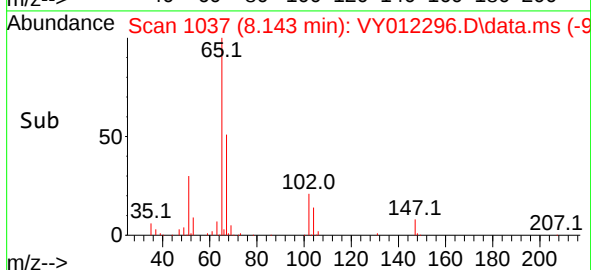
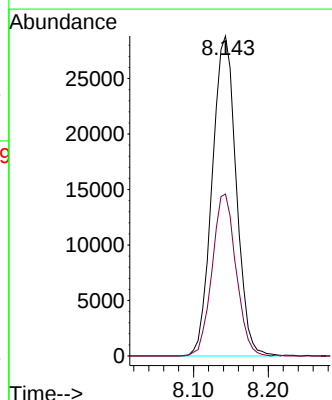
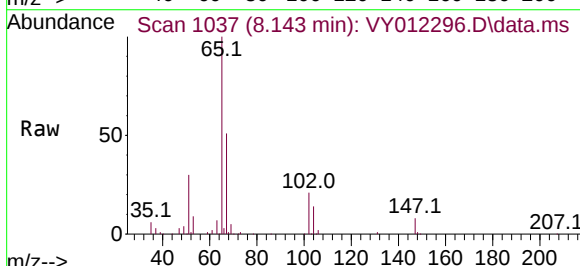
Acq: 20 Jan 2023 17:23

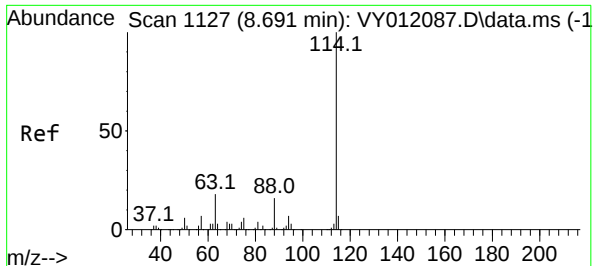
Tgt Ion: 65 Resp: 64373

Ion Ratio Lower Upper

65 100

67 50.4 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012296.D

Acq: 20 Jan 2023 17:23

Instrument :

MSVOA_Y

ClientSampleId :

B-P-19A

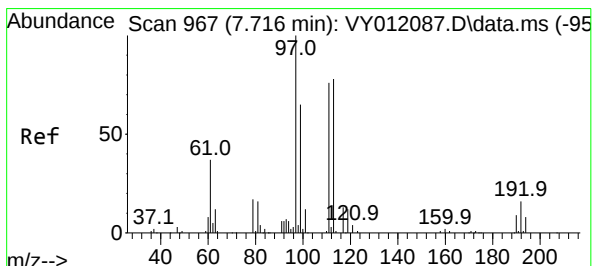
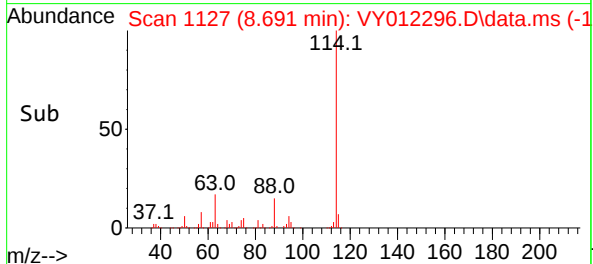
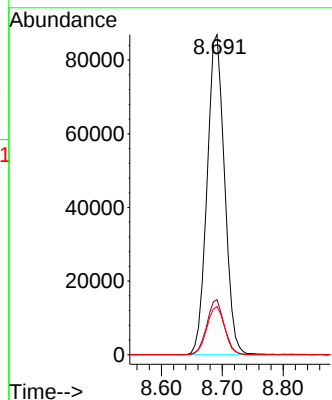
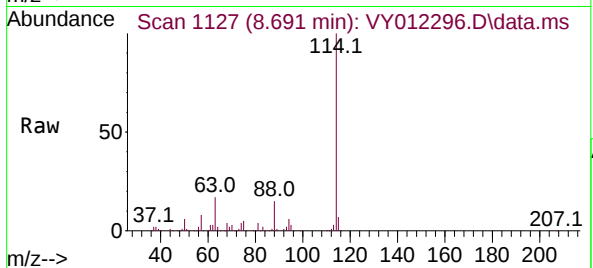
Tgt Ion:114 Resp: 172958

Ion Ratio Lower Upper

114 100

63 17.2 0.0 39.6

88 15.1 0.0 32.2



#35

Dibromofluoromethane

Concen: 59.049 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012296.D

Acq: 20 Jan 2023 17:23

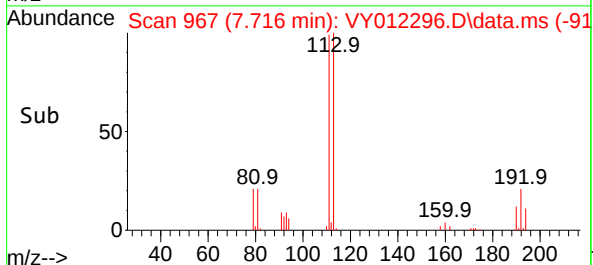
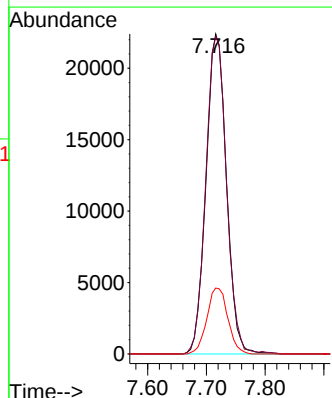
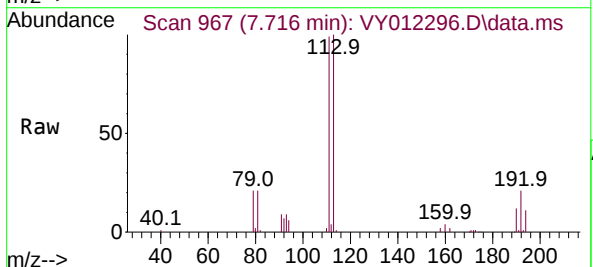
Tgt Ion:113 Resp: 54078

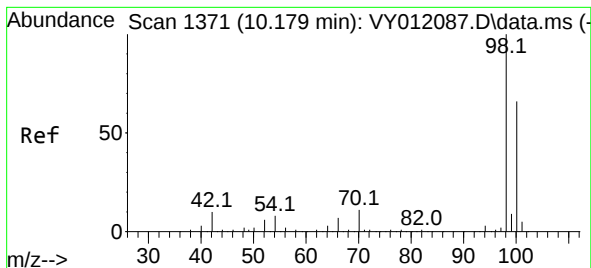
Ion Ratio Lower Upper

113 100

111 100.9 83.0 124.4

192 21.1 16.0 24.0





#50

Toluene-d8

Concen: 66.583 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012296.D

Acq: 20 Jan 2023 17:23

Instrument :

MSVOA_Y

ClientSampleId :

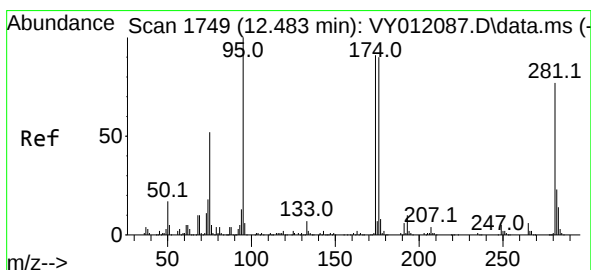
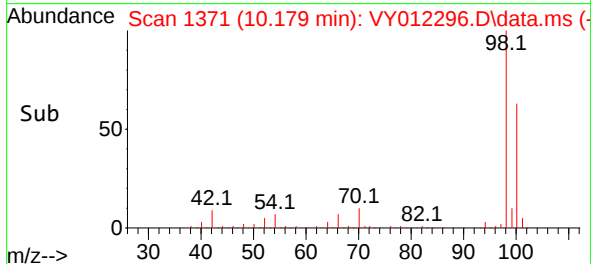
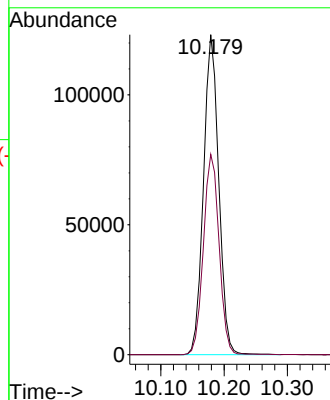
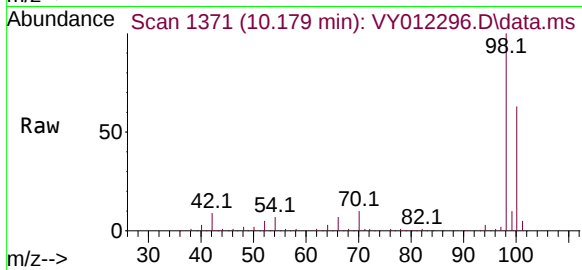
B-P-19A

Tgt Ion: 98 Resp: 206718

Ion Ratio Lower Upper

98 100

100 64.5 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 53.587 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012296.D

Acq: 20 Jan 2023 17:23

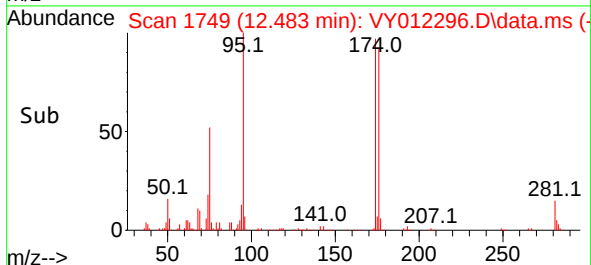
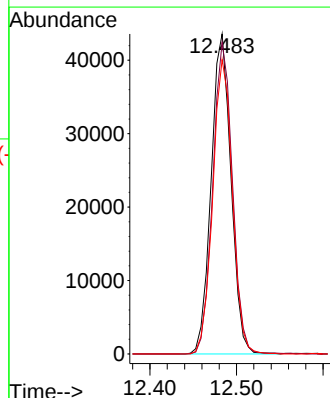
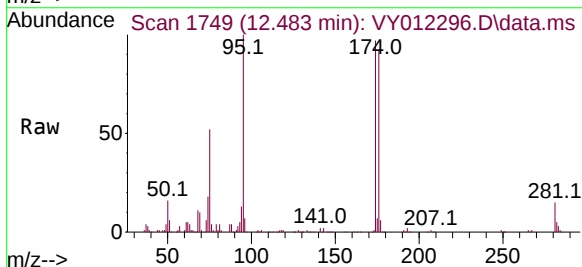
Tgt Ion: 95 Resp: 69182

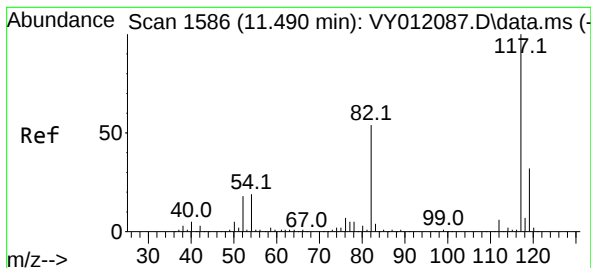
Ion Ratio Lower Upper

95 100

174 96.7 0.0 172.0

176 91.5 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012296.D

Acq: 20 Jan 2023 17:23

Instrument :

MSVOA_Y

ClientSampleId :

B-P-19A

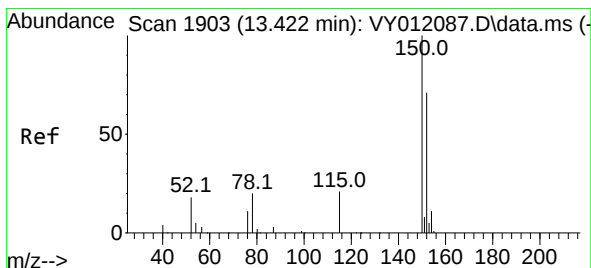
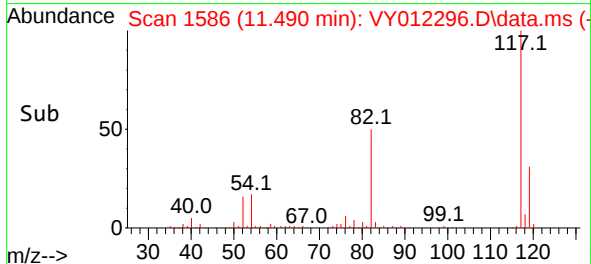
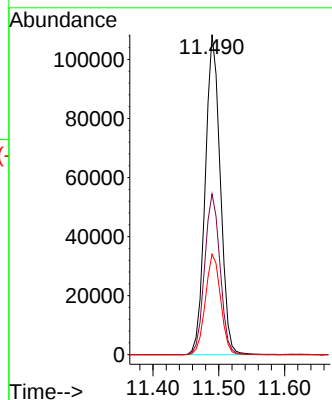
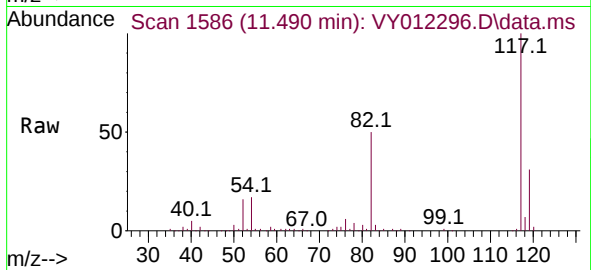
Tgt Ion:117 Resp: 172382

Ion Ratio Lower Upper

117 100

82 50.3 44.8 67.2

119 31.4 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012296.D

Acq: 20 Jan 2023 17:23

Tgt Ion:152 Resp: 79522

Ion Ratio Lower Upper

152 100

115 56.5 29.1 87.3

150 155.4 0.0 342.6

