

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031723\
 Data File : VY012989.D
 Acq On : 17 Mar 2023 16:12
 Operator : KP/MD
 Sample : 01964-07
 Misc : 5.40g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MAPLE-5

Quant Time: Mar 18 05:46:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

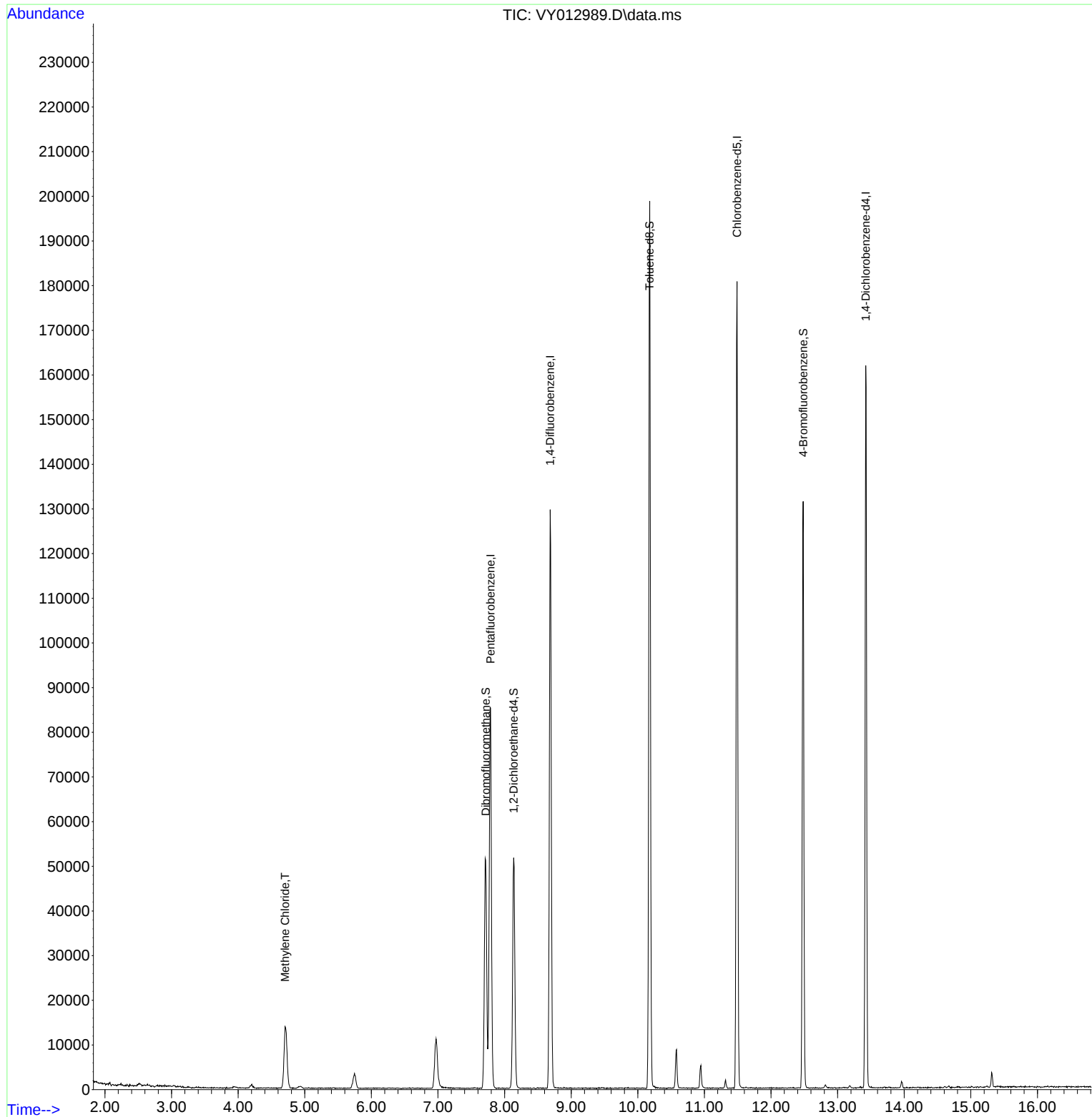
Internal Standards						
1) Pentafluorobenzene	7.789	168	66641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	108038	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	96842	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	41818	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	39963	60.398	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.800%
35) Dibromofluoromethane	7.716	113	36929	56.639	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.280%
50) Toluene-d8	10.179	98	129586	54.365	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.740%
62) 4-Bromofluorobenzene	12.483	95	37096	46.109	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.220%
Target Compounds						
20) Methylene Chloride	4.704	84	10385	8.662	ug/l	97

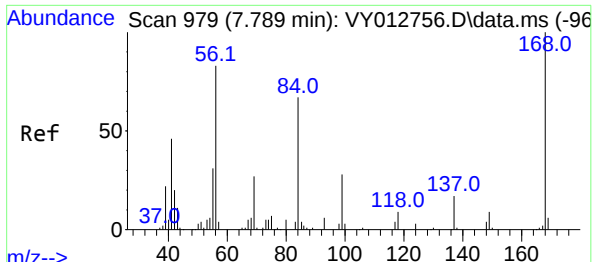
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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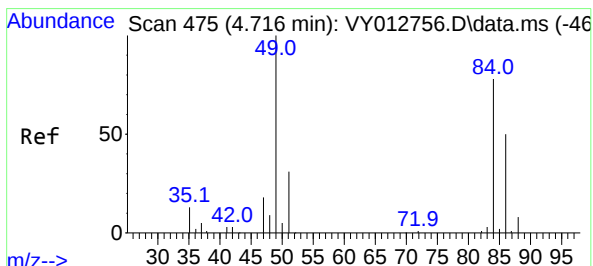
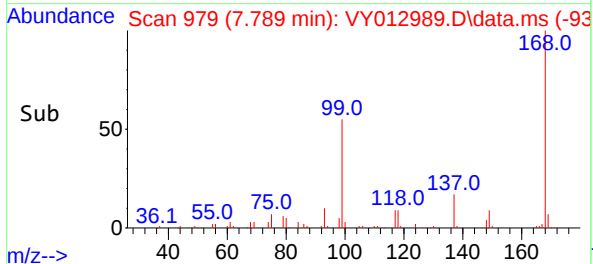
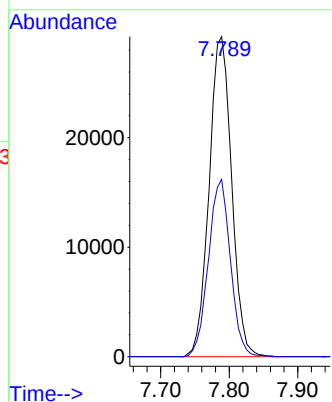
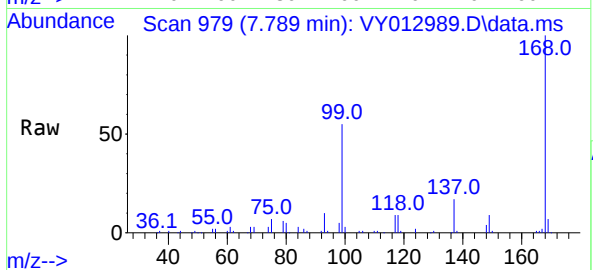




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012989.D
Acq: 17 Mar 2023 16:12

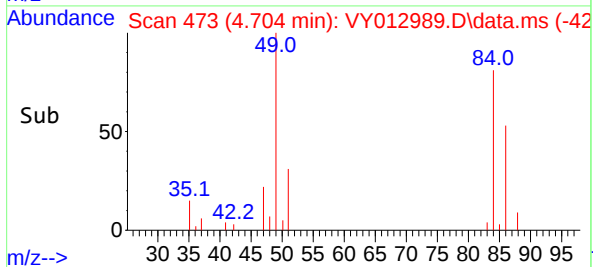
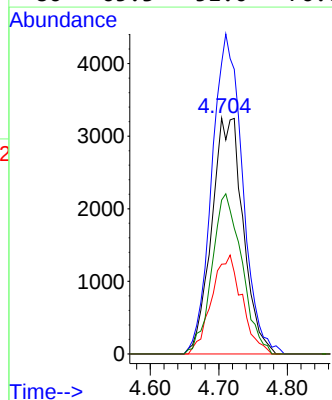
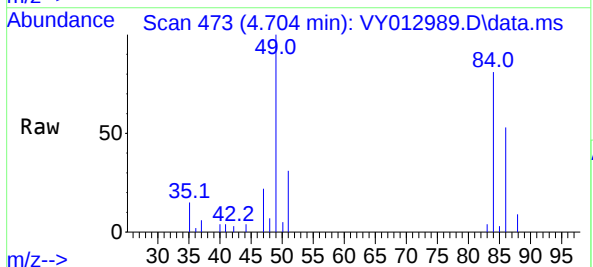
Instrument :
MSVOA_Y
ClientSampleId :
MAPLE-5

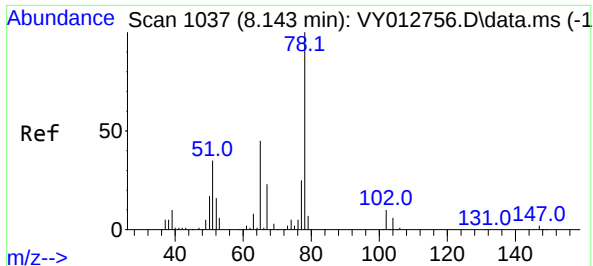
Tgt Ion:168 Resp: 66641
Ion Ratio Lower Upper
168 100
99 55.4 41.7 62.5



#20
Methylene Chloride
Concen: 8.662 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY012989.D
Acq: 17 Mar 2023 16:12

Tgt Ion: 84 Resp: 10385
Ion Ratio Lower Upper
84 100
49 123.4 102.6 154.0
51 38.1 31.9 47.9
86 65.3 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 60.398 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY012989.D

Acq: 17 Mar 2023 16:12

Instrument :

MSVOA_Y

ClientSampleId :

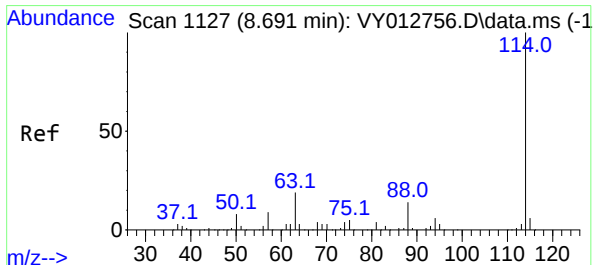
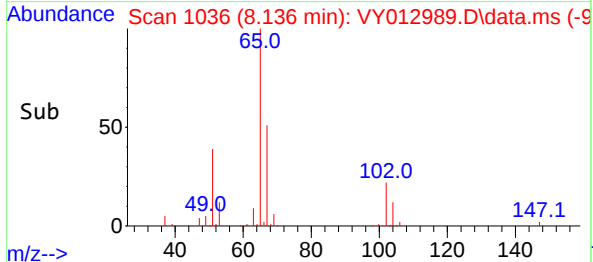
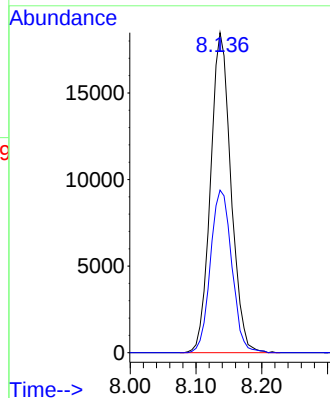
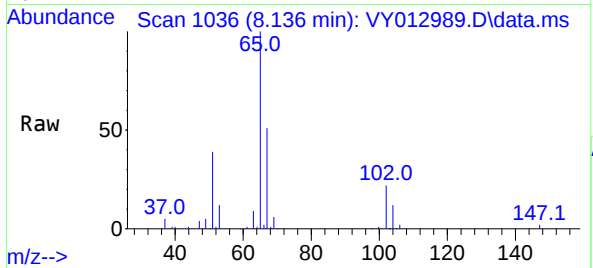
MAPLE-5

Tgt Ion: 65 Resp: 39963

Ion Ratio Lower Upper

65 100

67 53.2 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012989.D

Acq: 17 Mar 2023 16:12

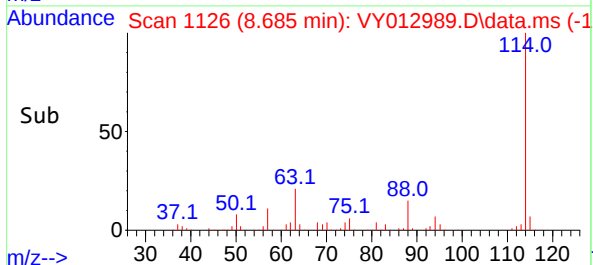
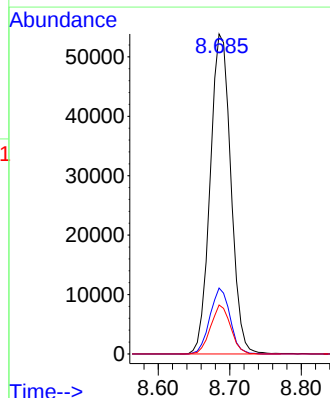
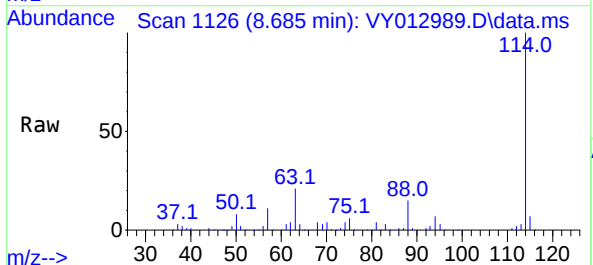
Tgt Ion:114 Resp: 108038

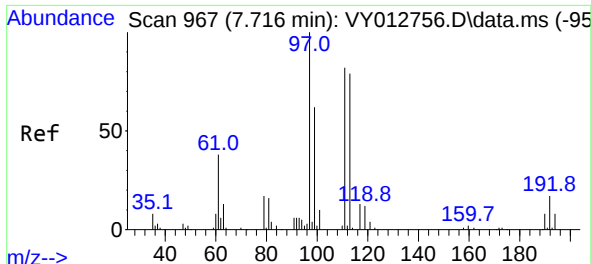
Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.4

88 15.3 0.0 28.6

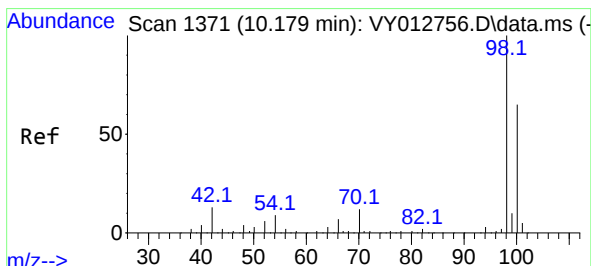
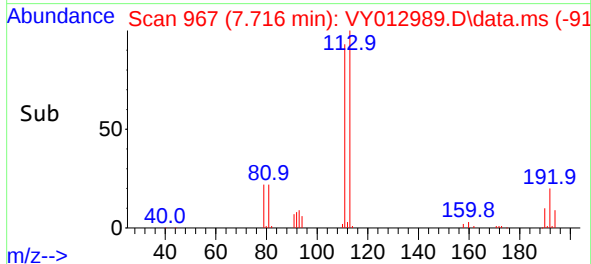
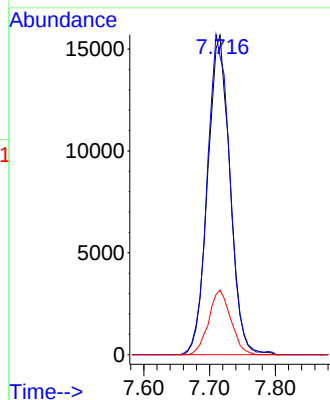
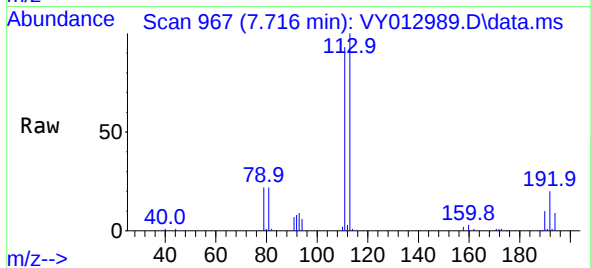




#35
Dibromofluoromethane
Concen: 56.639 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012989.D
Acq: 17 Mar 2023 16:12

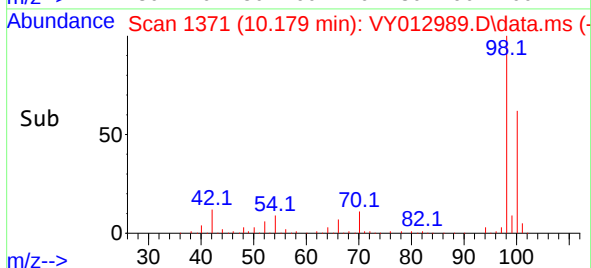
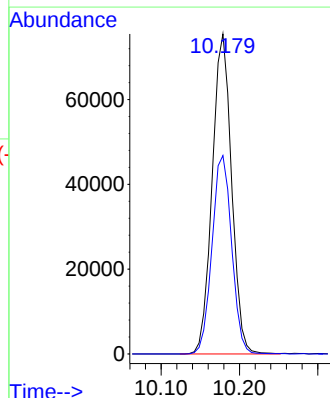
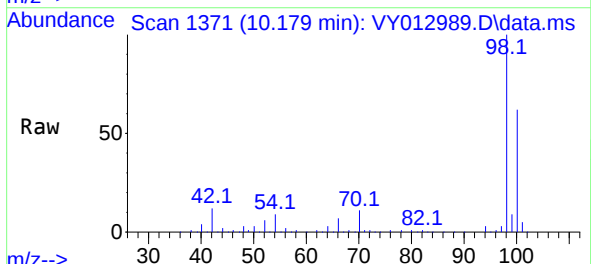
Instrument :
MSVOA_Y
ClientSampleId :
MAPLE-5

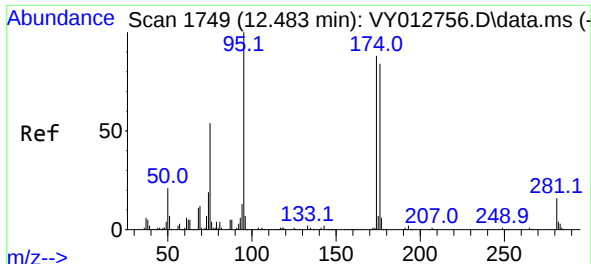
Tgt Ion:113 Resp: 36929
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.2
192 20.1 16.8 25.2



#50
Toluene-d8
Concen: 54.365 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012989.D
Acq: 17 Mar 2023 16:12

Tgt Ion: 98 Resp: 129586
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3

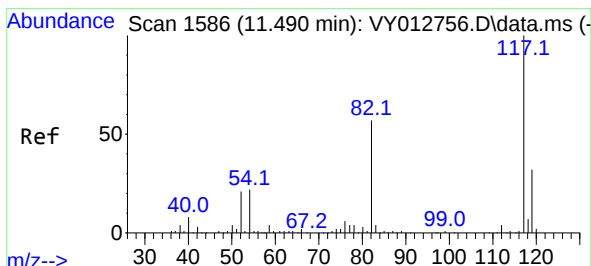
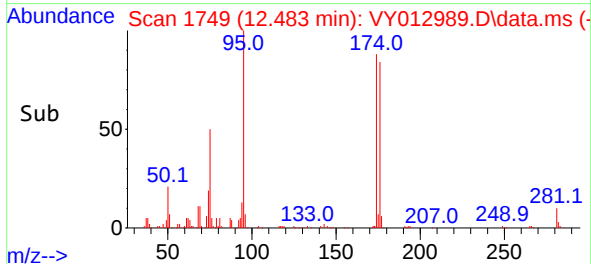
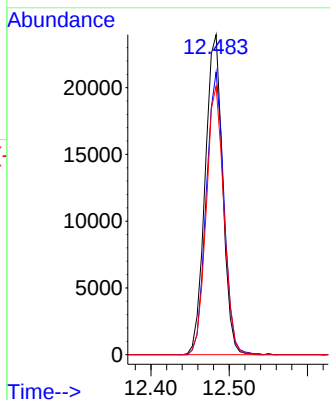
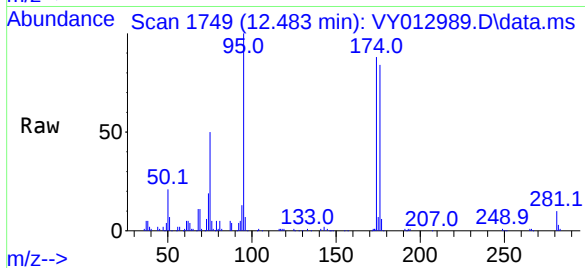




#62
4-Bromofluorobenzene
Concen: 46.109 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012989.D
Acq: 17 Mar 2023 16:12

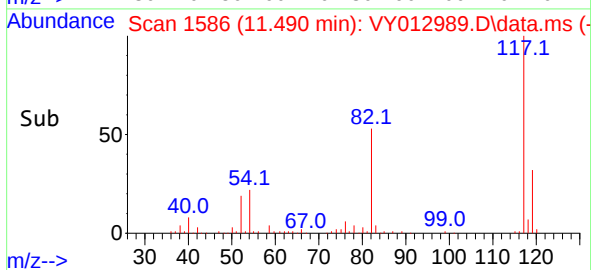
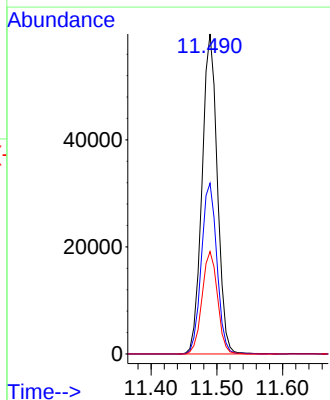
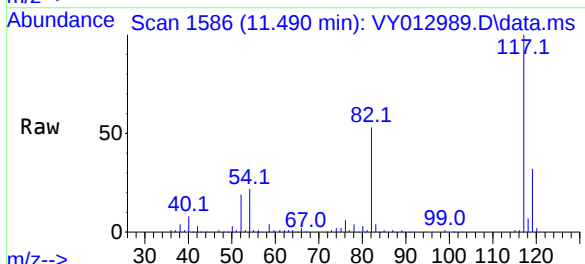
Instrument :
MSVOA_Y
ClientSampleId :
MAPLE-5

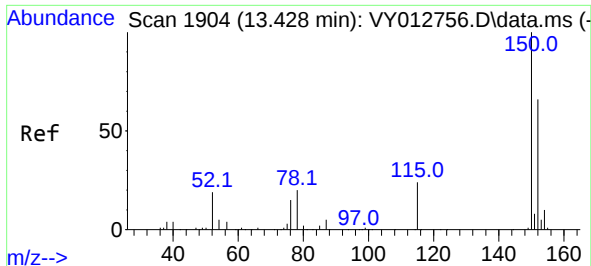
Tgt Ion: 95 Resp: 37096
Ion Ratio Lower Upper
95 100
174 89.2 0.0 176.6
176 84.5 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012989.D
Acq: 17 Mar 2023 16:12

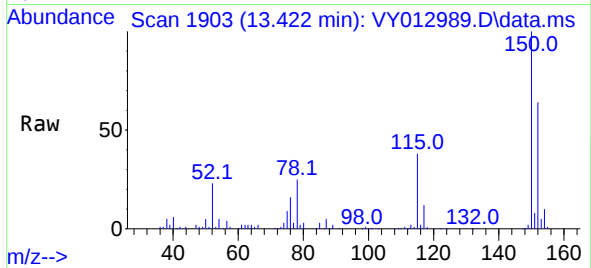
Tgt Ion: 117 Resp: 96842
Ion Ratio Lower Upper
117 100
82 53.4 45.4 68.0
119 32.0 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY012989.D
 Acq: 17 Mar 2023 16:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 MAPLE-5



Tgt Ion:152 Resp: 41818
 Ion Ratio Lower Upper
 152 100
 115 55.5 27.1 81.3
 150 156.6 0.0 347.8

