

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061623\
 Data File : VY014203.D
 Acq On : 16 Jun 2023 15:12
 Operator : KP/MD
 Sample : VY0616SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBL01

Quant Time: Jun 16 23:20:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

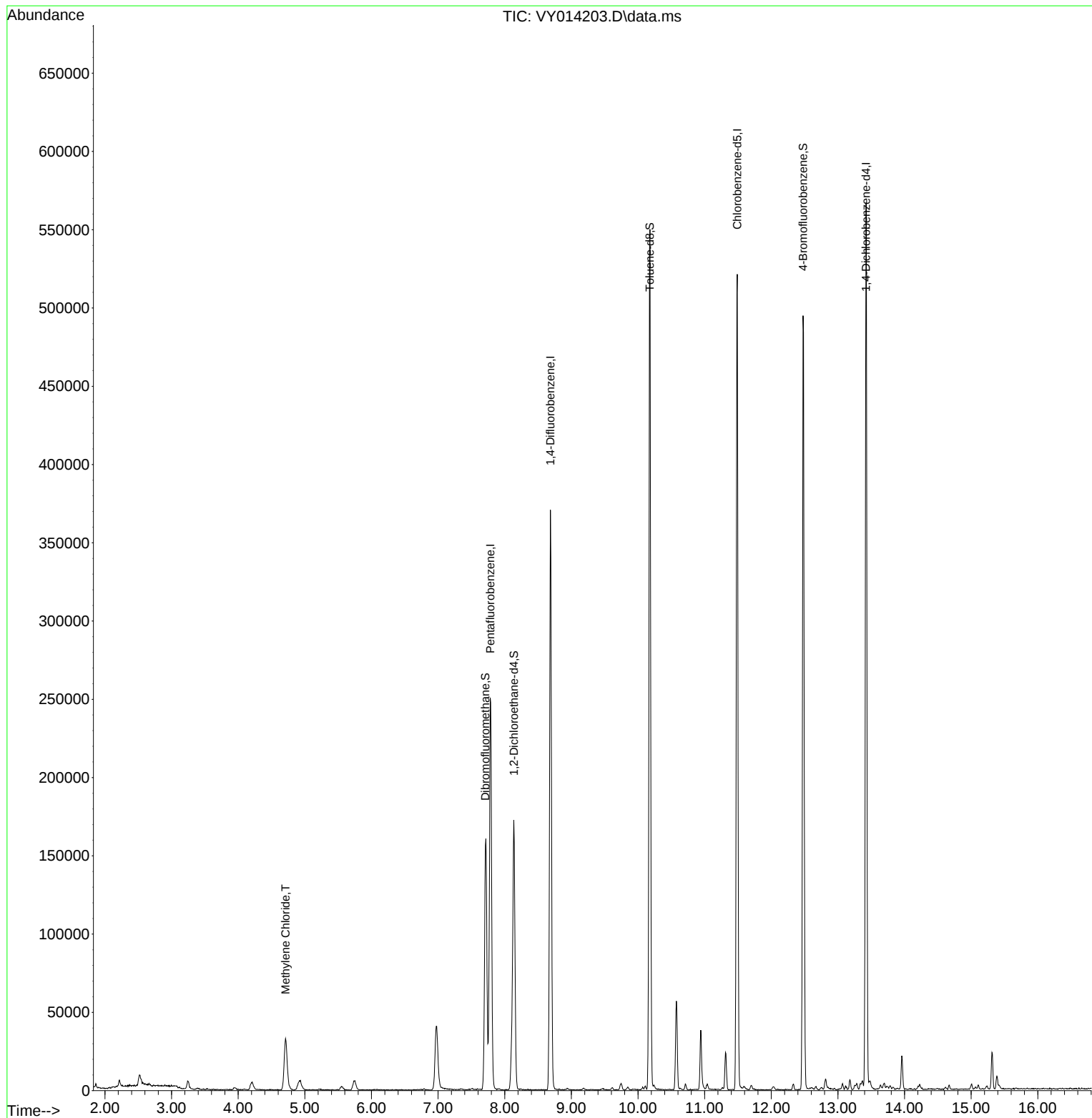
Internal Standards						
1) Pentafluorobenzene	7.783	168	193911	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	300168	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	282107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	145270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	130546	48.346	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.700%
35) Dibromofluoromethane	7.710	113	111535	52.395	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.800%
50) Toluene-d8	10.179	98	356253	44.764	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.520%
62) 4-Bromofluorobenzene	12.477	95	129811	45.917	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.840%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	24830	6.431	ug/l	93

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

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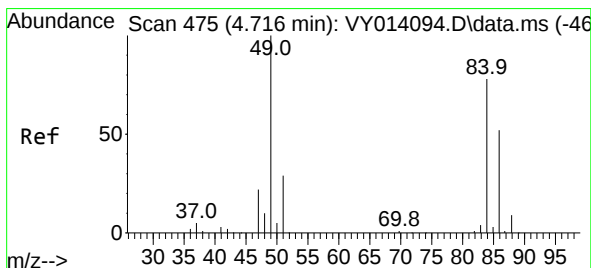
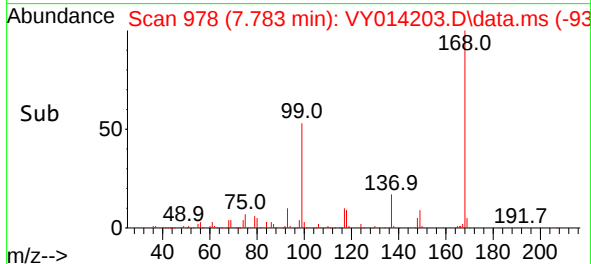
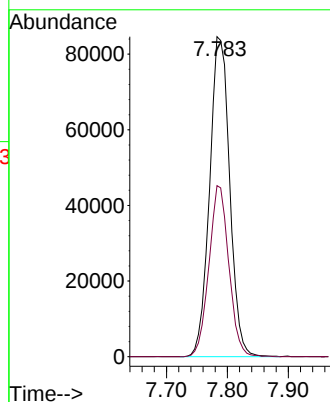
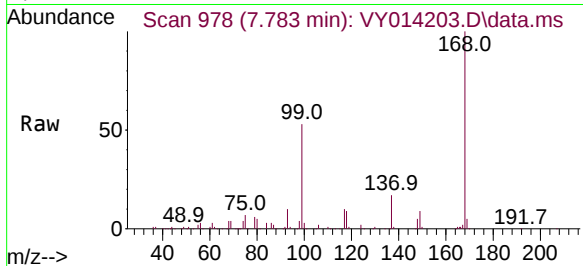




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014203.D
Acq: 16 Jun 2023 15:12

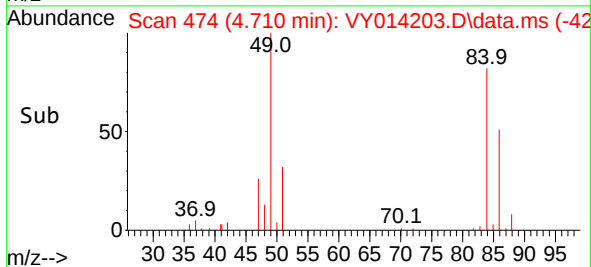
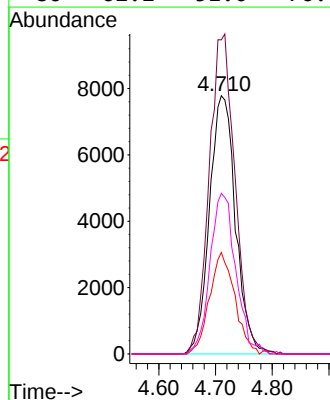
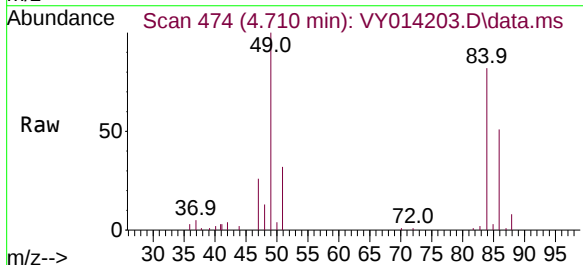
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBL01

Tgt Ion:168 Resp: 193911
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.0



#20
Methylene Chloride
Concen: 6.431 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY014203.D
Acq: 16 Jun 2023 15:12

Tgt Ion: 84 Resp: 24830
Ion Ratio Lower Upper
84 100
49 121.6 106.9 160.3
51 39.3 33.2 49.8
86 62.2 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 48.346 ug/l

RT: 8.137 min Scan# 1

Delta R.T. -0.005 min

Lab File: VY014203.D

Acq: 16 Jun 2023 15:12

Instrument :

MSVOA_Y

ClientSampleId :

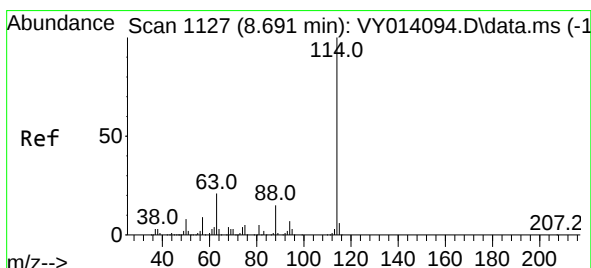
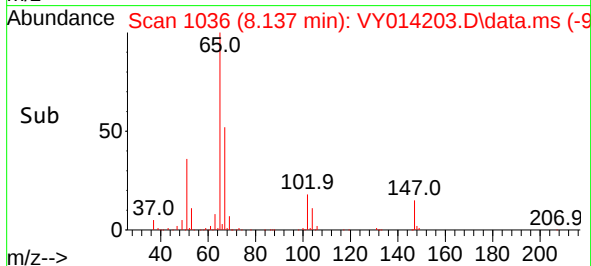
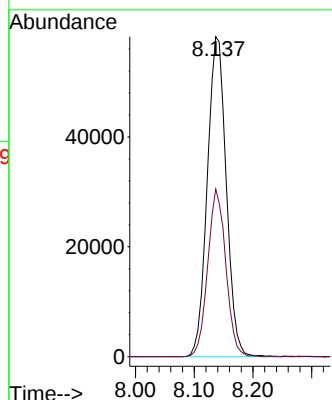
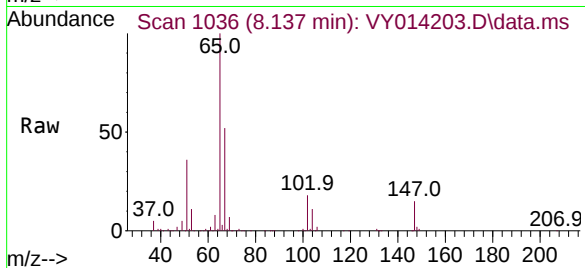
VY0616SBL01

Tgt Ion: 65 Resp: 130546

Ion Ratio Lower Upper

65 100

67 50.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014203.D

Acq: 16 Jun 2023 15:12

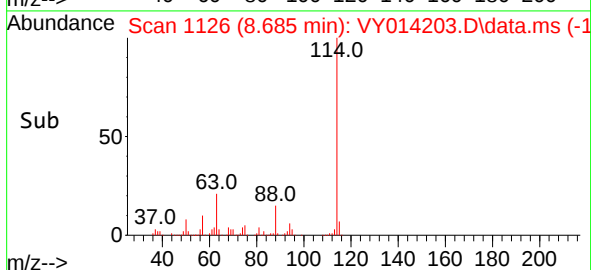
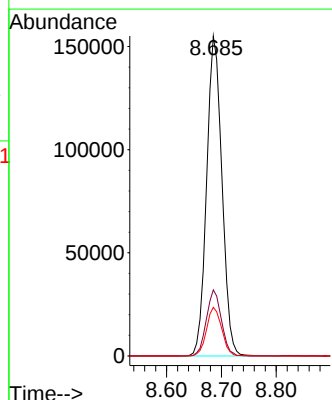
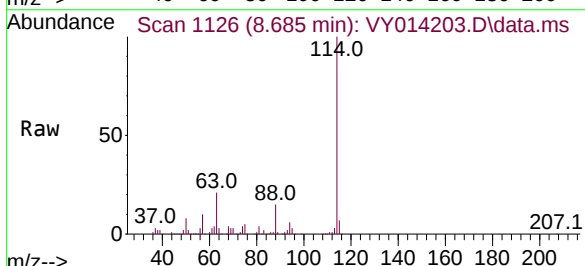
Tgt Ion: 114 Resp: 300168

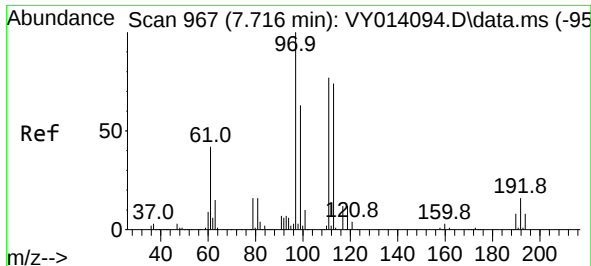
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.4

88 15.2 0.0 30.6

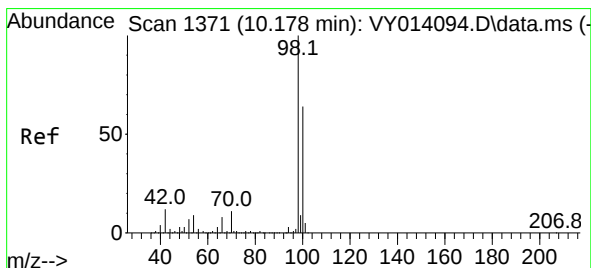
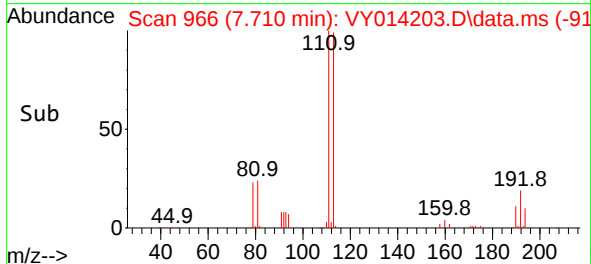
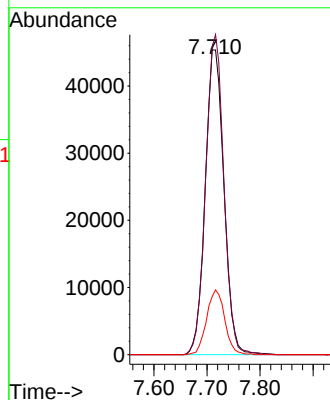
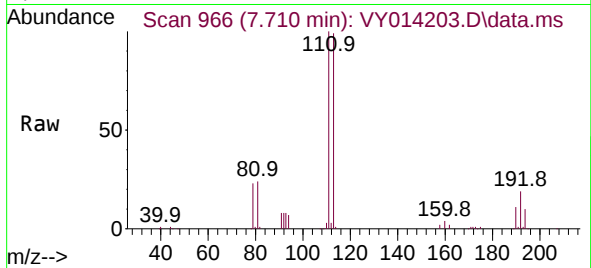




#35
Dibromofluoromethane
Concen: 52.395 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014203.D
Acq: 16 Jun 2023 15:12

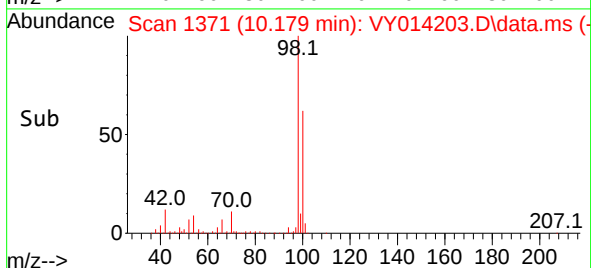
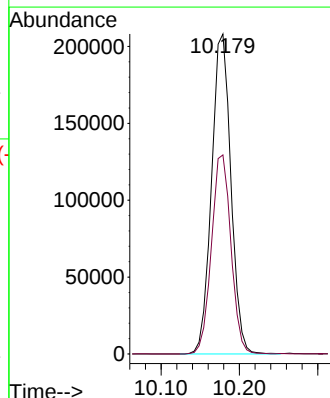
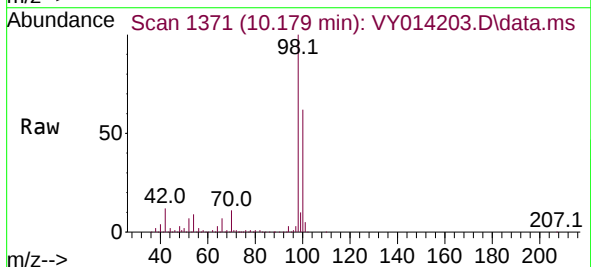
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBL01

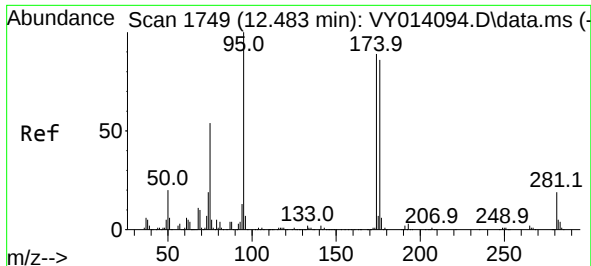
Tgt Ion:113 Resp: 111535
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 20.6 16.9 25.3



#50
Toluene-d8
Concen: 44.764 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014203.D
Acq: 16 Jun 2023 15:12

Tgt Ion: 98 Resp: 356253
Ion Ratio Lower Upper
98 100
100 62.9 50.1 75.1

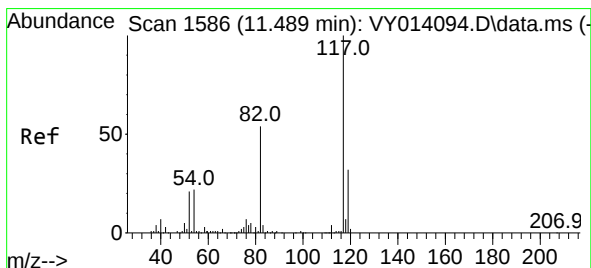
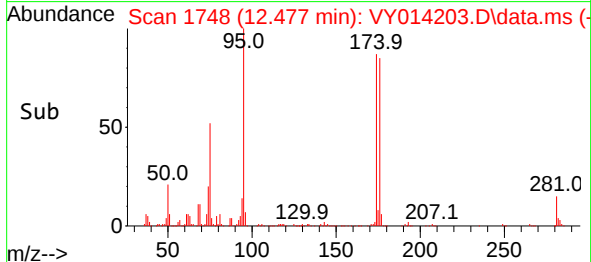
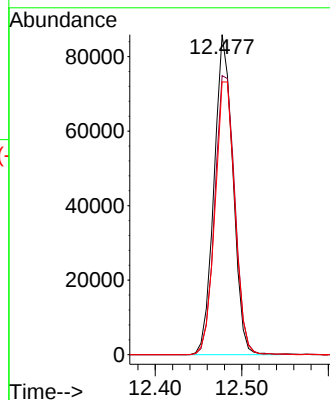
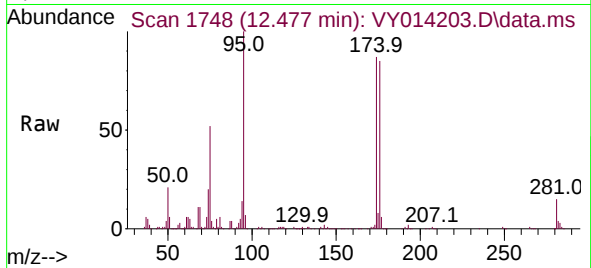




#62
4-Bromofluorobenzene
Concen: 45.917 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014203.D
Acq: 16 Jun 2023 15:12

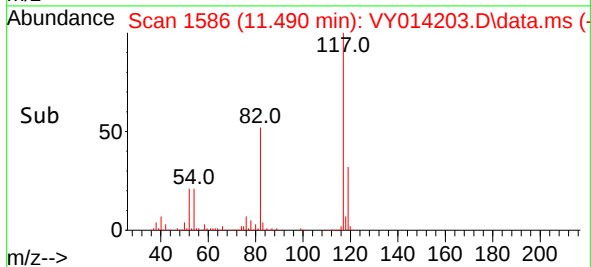
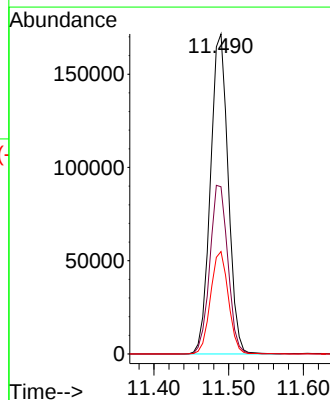
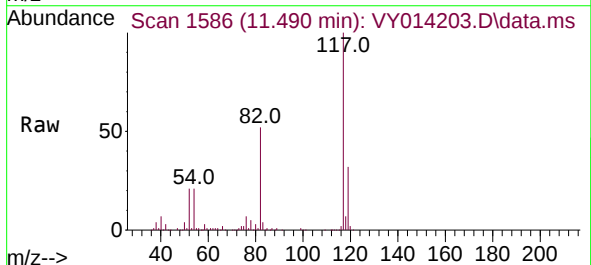
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBL01

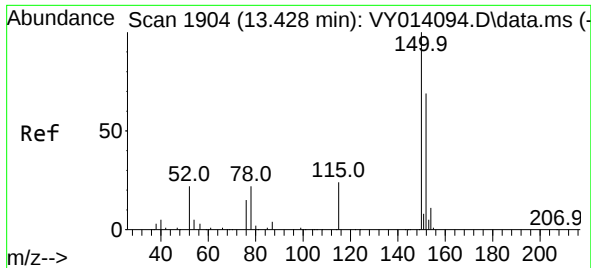
Tgt Ion: 95 Resp: 129811
Ion Ratio Lower Upper
95 100
174 93.0 0.0 178.2
176 90.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014203.D
Acq: 16 Jun 2023 15:12

Tgt Ion: 117 Resp: 282107
Ion Ratio Lower Upper
117 100
82 52.3 43.4 65.0
119 32.0 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014203.D

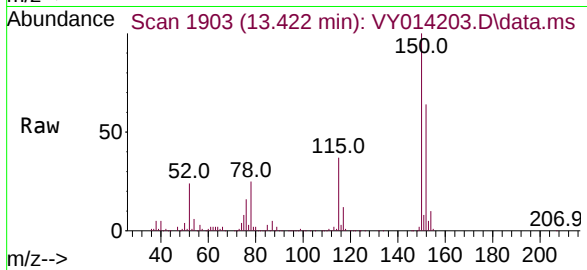
Acq: 16 Jun 2023 15:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBL01



Tgt Ion:152 Resp: 145270

Ion Ratio Lower Upper

152 100

115 56.1 28.8 86.5

150 155.6 0.0 348.8

