

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070523\
 Data File : VY014573.D
 Acq On : 05 Jul 2023 21:05
 Operator : KP/MD
 Sample : 03514-04
 Misc : 5.46g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CP-5

Quant Time: Jul 06 01:39:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

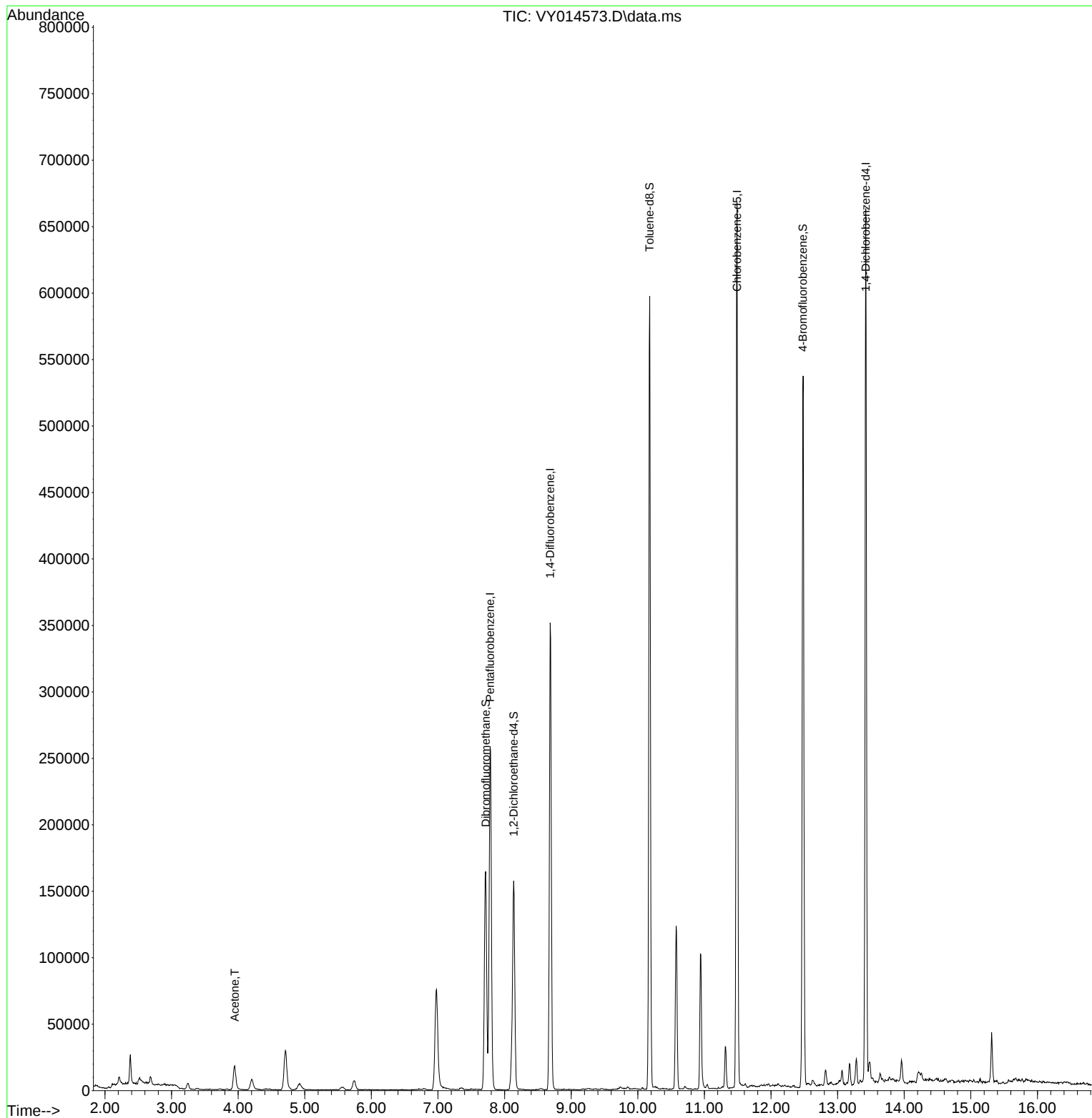
Internal Standards						
1) Pentafluorobenzene	7.783	168	231515	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	330855	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	384413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	183406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	114719	49.811	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.620%
35) Dibromofluoromethane	7.716	113	119047	58.430	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.860%
50) Toluene-d8	10.179	98	413480	51.337	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.680%
62) 4-Bromofluorobenzene	12.477	95	144292	51.593	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.180%
Target Compounds						
16) Acetone	3.948	43	31589	43.921	ug/l	Qvalue 93

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070523\
Data File : VY014573.D
Acq On : 05 Jul 2023 21:05
Operator : KP/MD
Sample : 03514-04
Misc : 5.46g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CP-5

Quant Time: Jul 06 01:39:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 30 19:02:11 2023
Response via : Initial Calibration

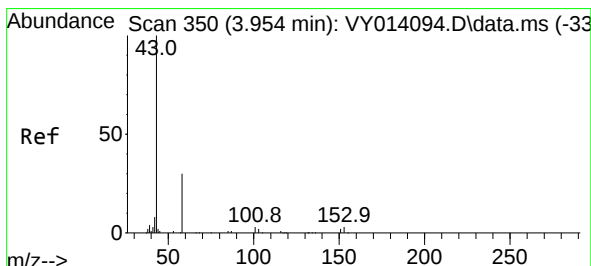
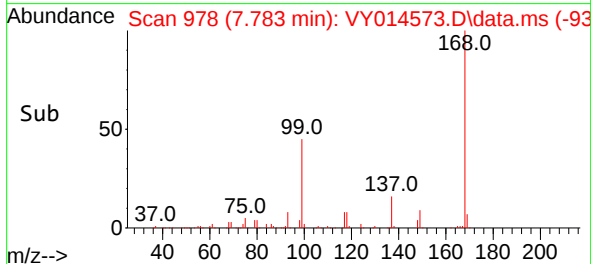
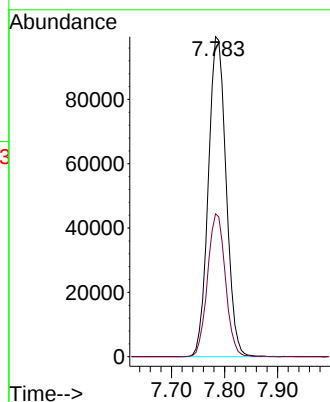
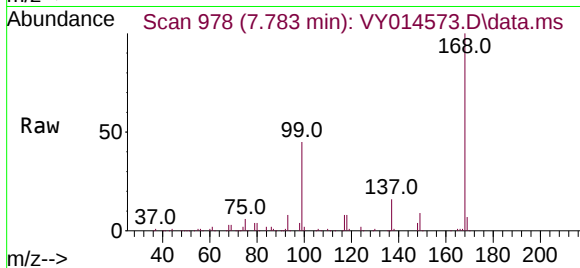




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014573.D
Acq: 05 Jul 2023 21:05

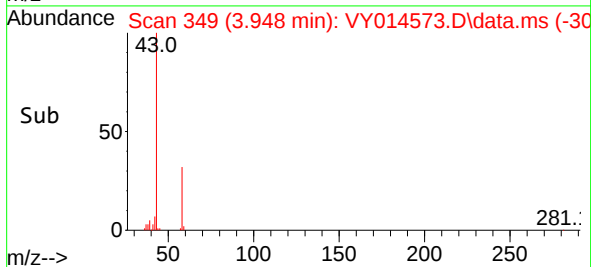
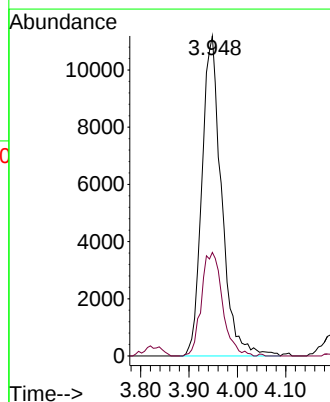
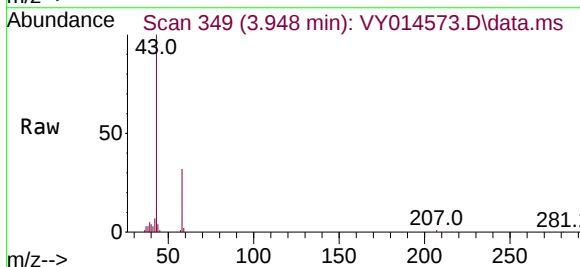
Instrument :
MSVOA_Y
ClientSampleId :
CP-5

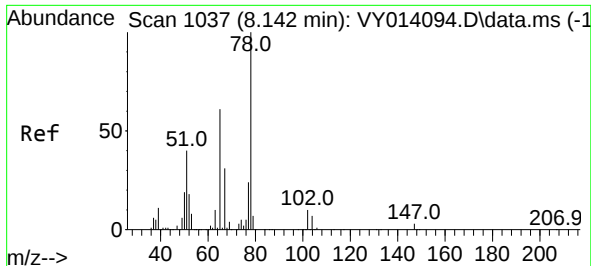
Tgt Ion:168 Resp: 231515
Ion Ratio Lower Upper
168 100
99 44.7 43.4 65.0



#16
Acetone
Concen: 43.921 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014573.D
Acq: 05 Jul 2023 21:05

Tgt Ion: 43 Resp: 31589
Ion Ratio Lower Upper
43 100
58 32.3 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 49.811 ug/l

RT: 8.136 min Scan# 114719

Delta R.T. -0.006 min

Lab File: VY014573.D

Acq: 05 Jul 2023 21:05

Instrument :

MSVOA_Y

ClientSampleId :

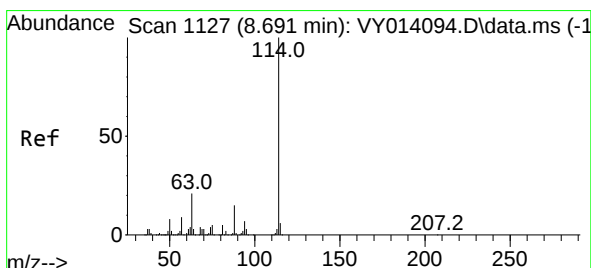
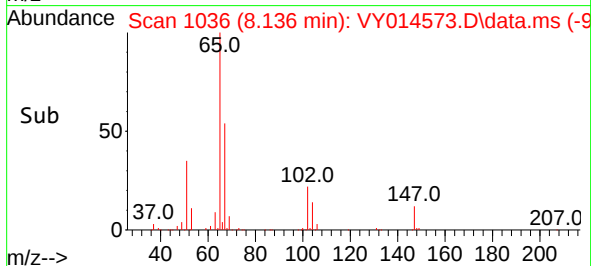
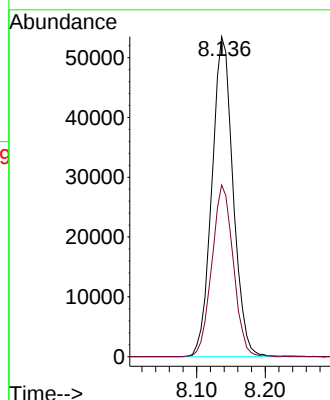
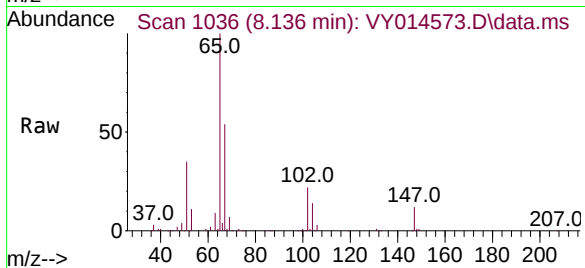
CP-5

Tgt Ion: 65 Resp: 114719

Ion Ratio Lower Upper

65 100

67 54.3 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: VY014573.D

Acq: 05 Jul 2023 21:05

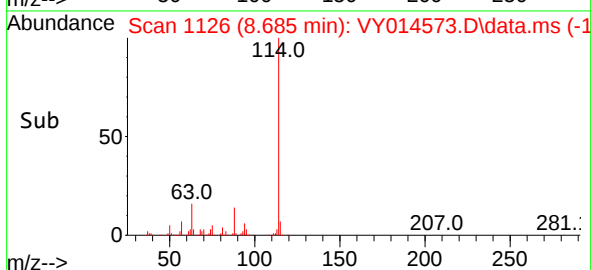
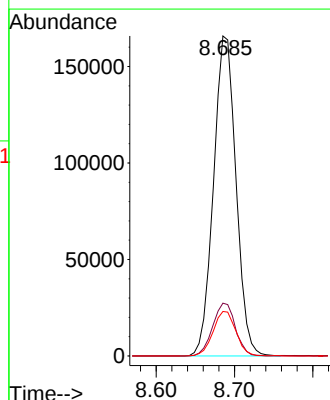
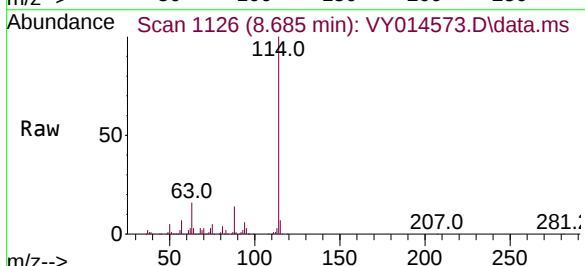
Tgt Ion: 114 Resp: 330855

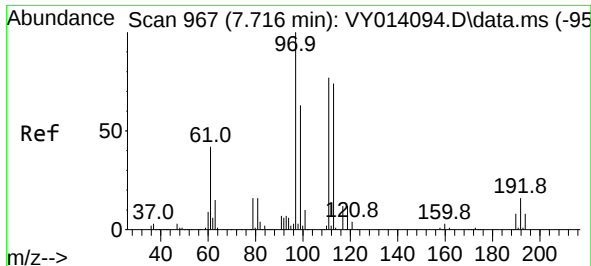
Ion Ratio Lower Upper

114 100

63 16.5 0.0 42.4

88 13.9 0.0 30.6

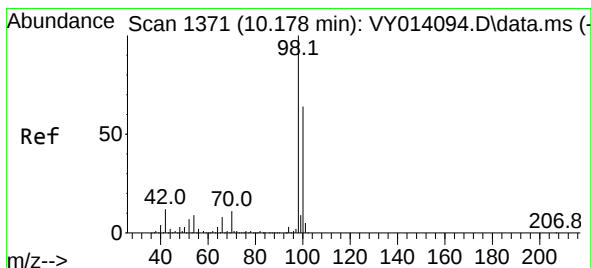
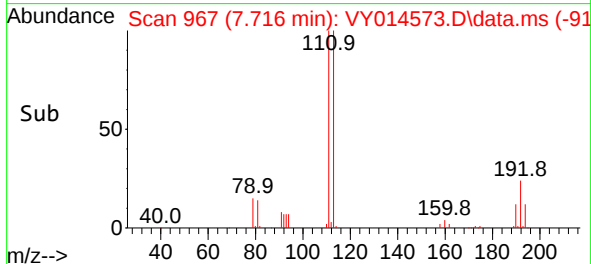
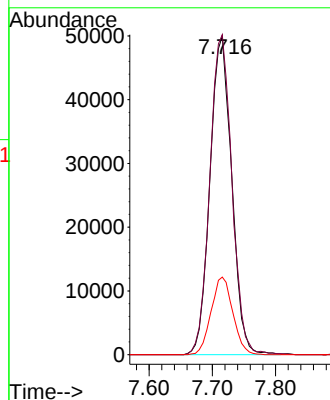
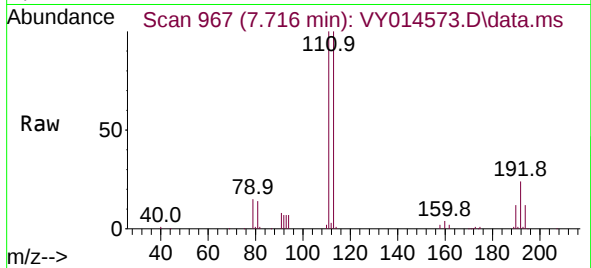




#35
Dibromofluoromethane
Concen: 58.430 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014573.D
Acq: 05 Jul 2023 21:05

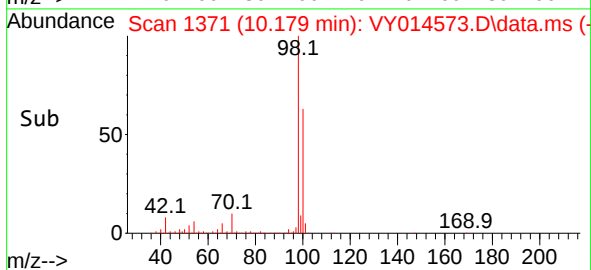
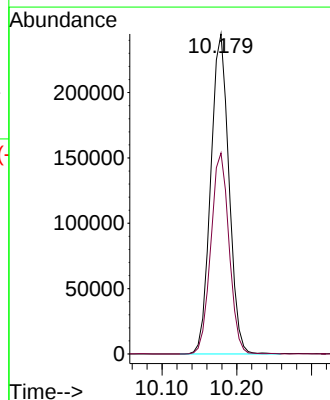
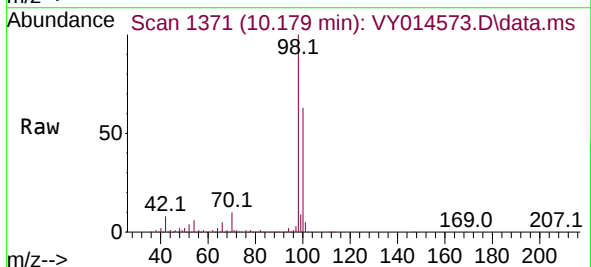
Instrument :
MSVOA_Y
ClientSampleId :
CP-5

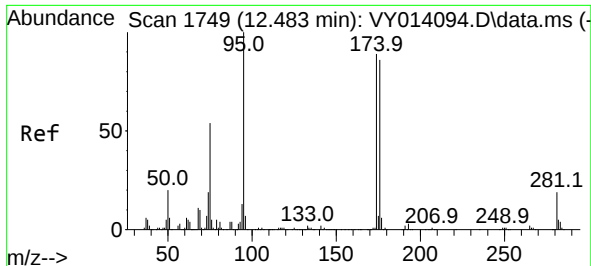
Tgt Ion:113 Resp: 119047
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 24.3 16.9 25.3



#50
Toluene-d8
Concen: 51.337 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014573.D
Acq: 05 Jul 2023 21:05

Tgt Ion: 98 Resp: 413480
Ion Ratio Lower Upper
98 100
100 62.9 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 51.593 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014573.D

Acq: 05 Jul 2023 21:05

Instrument :

MSVOA_Y

ClientSampleId :

CP-5

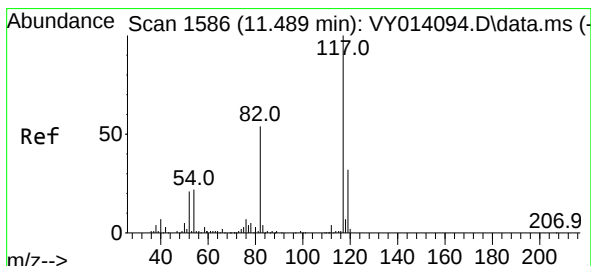
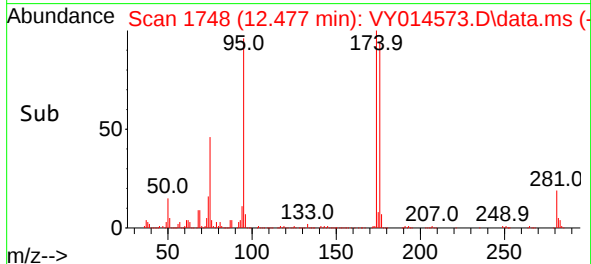
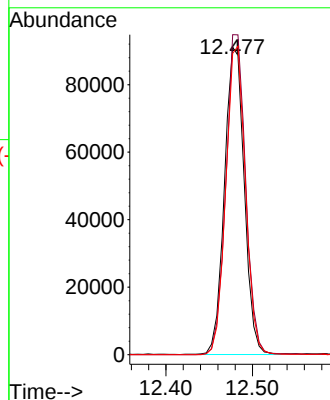
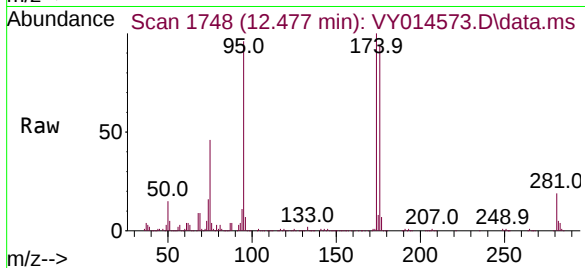
Tgt Ion: 95 Resp: 144292

Ion Ratio Lower Upper

95 100

174 104.4 0.0 178.2

176 99.5 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY014573.D

Acq: 05 Jul 2023 21:05

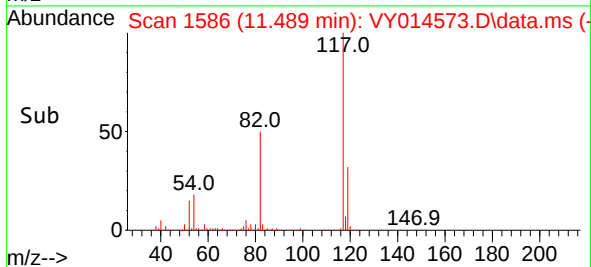
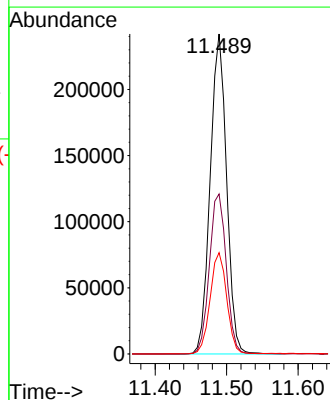
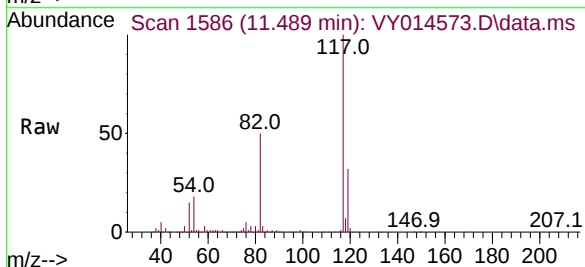
Tgt Ion: 117 Resp: 384413

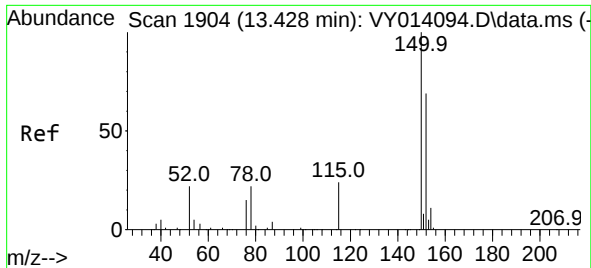
Ion Ratio Lower Upper

117 100

82 50.0 43.4 65.0

119 31.6 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: VY014573.D

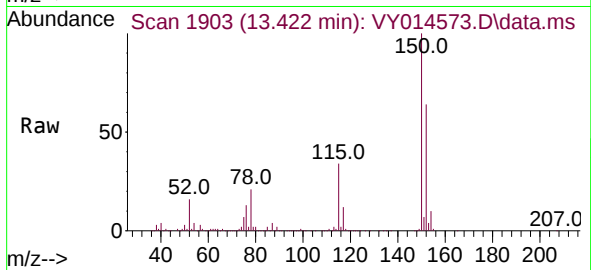
Acq: 05 Jul 2023 21:05

Instrument :

MSVOA_Y

ClientSampleId :

CP-5



Tgt Ion:152 Resp: 183406

Ion Ratio Lower Upper

152 100

115 52.3 28.8 86.5

150 154.7 0.0 348.8

