

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082123\
 Data File : VY015223.D
 Acq On : 21 Aug 2023 17:20
 Operator : SY/MD
 Sample : 04086-11
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP14A

Quant Time: Aug 22 01:56:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

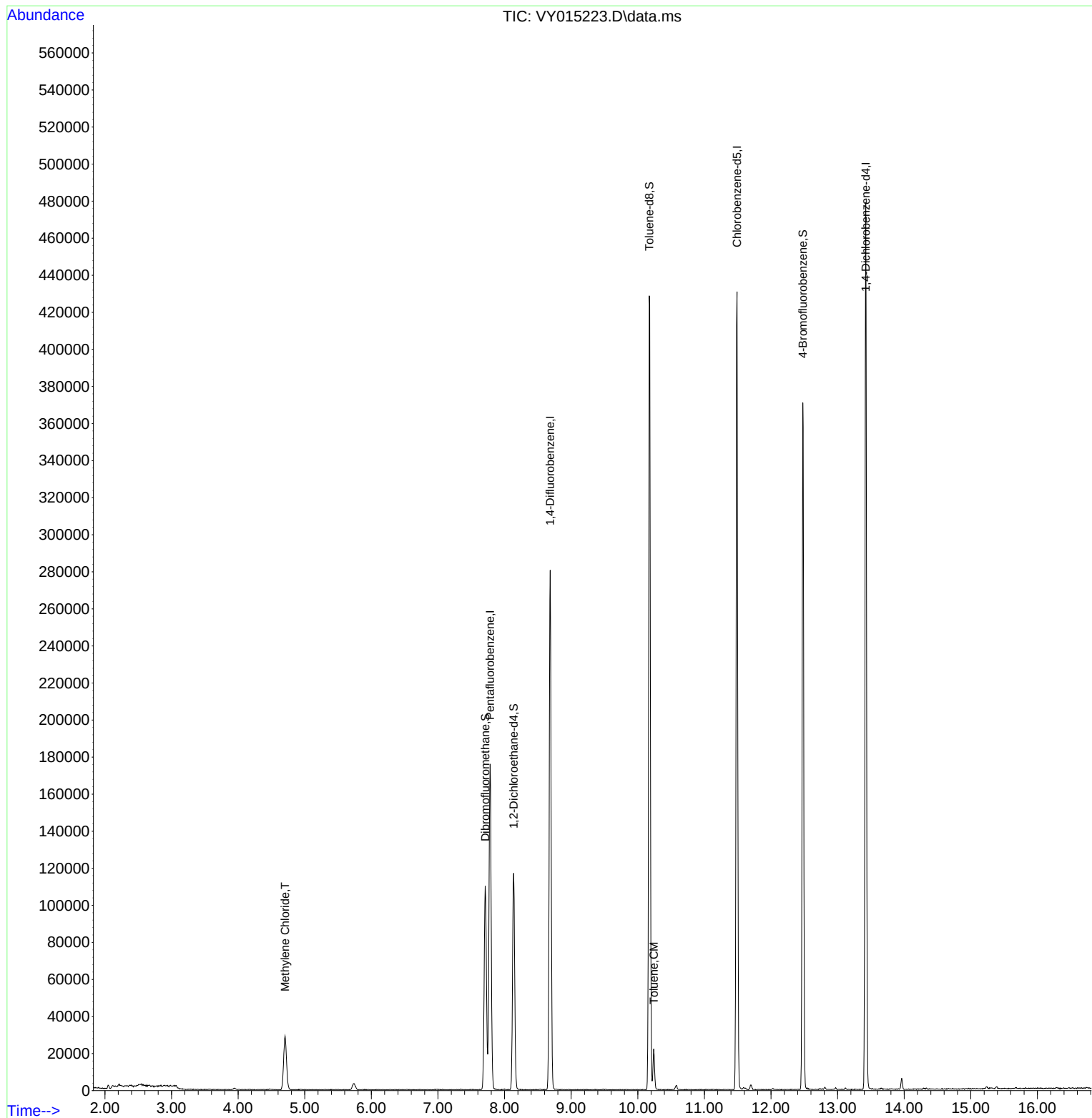
Internal Standards						
1) Pentafluorobenzene	7.783	168	137574	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	243394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	233729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	93096	56.372	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.740%
35) Dibromofluoromethane	7.710	113	78127	49.895	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.780%
50) Toluene-d8	10.173	98	285368	48.957	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.920%
62) 4-Bromofluorobenzene	12.477	95	113305	53.220	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.440%
Target Compounds						Qvalue
20) Methylene Chloride	4.704	84	21834	13.747	ug/l	91
52) Toluene	10.240	92	8767	2.540	ug/l	94

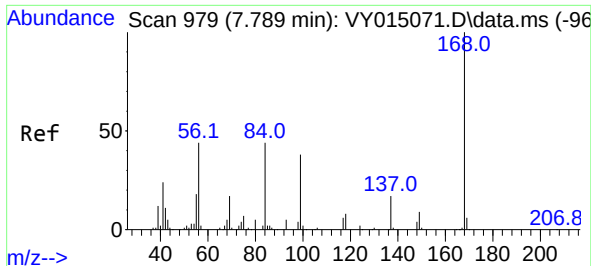
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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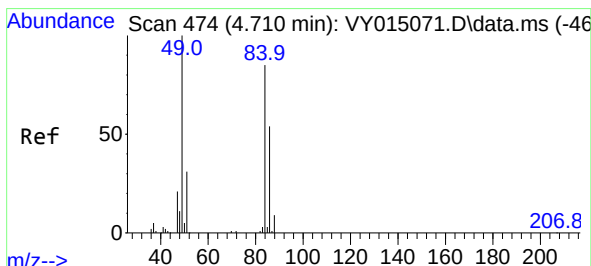
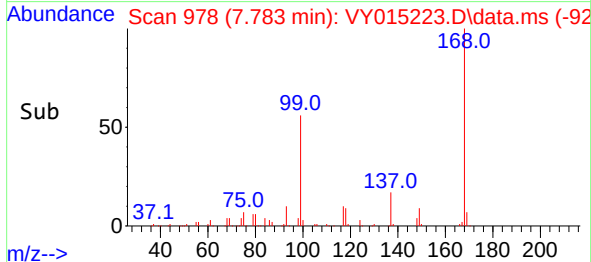
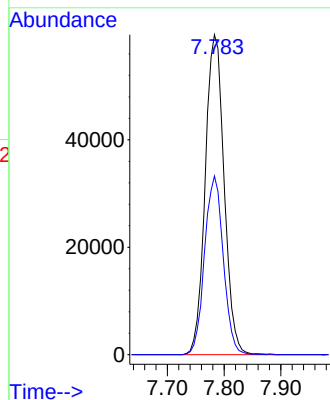
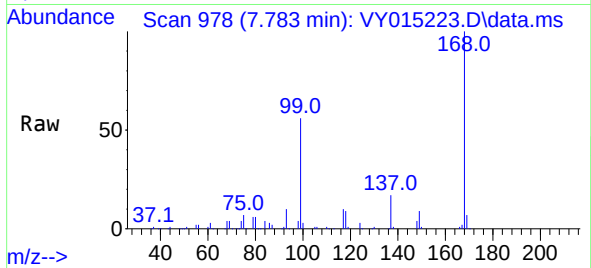




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015223.D
Acq: 21 Aug 2023 17:20

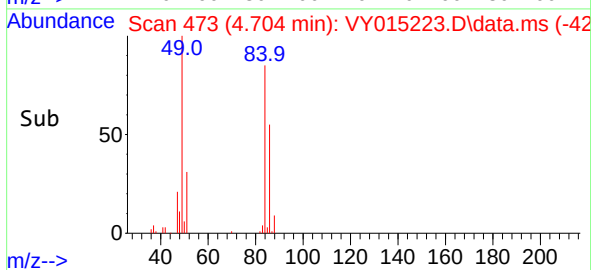
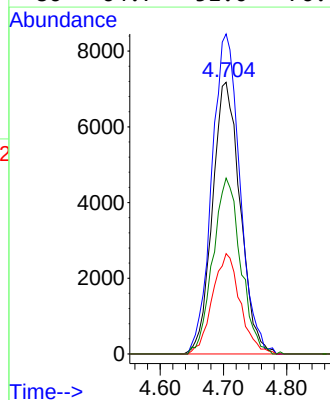
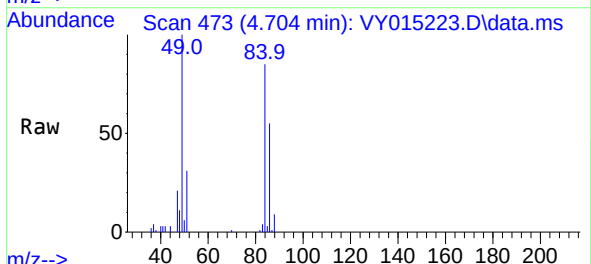
Instrument :
MSVOA_Y
ClientSampleId :
B-PP14A

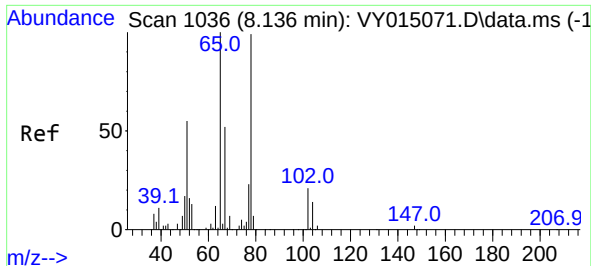
Tgt Ion:168 Resp: 137574
Ion Ratio Lower Upper
168 100
99 55.9 43.4 65.0



#20
Methylene Chloride
Concen: 13.747 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015223.D
Acq: 21 Aug 2023 17:20

Tgt Ion: 84 Resp: 21834
Ion Ratio Lower Upper
84 100
49 117.8 106.9 160.3
51 36.9 33.2 49.8
86 64.7 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 56.372 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015223.D

Acq: 21 Aug 2023 17:20

Instrument :

MSVOA_Y

ClientSampleId :

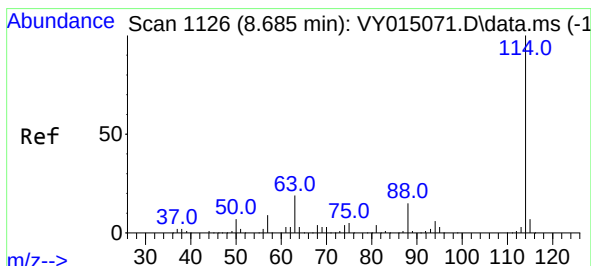
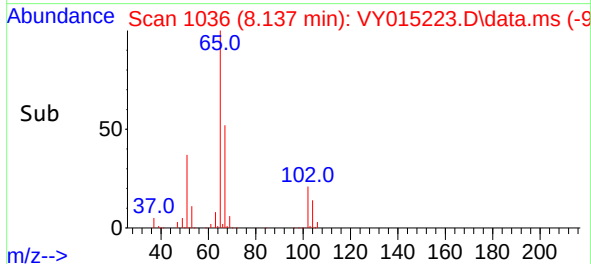
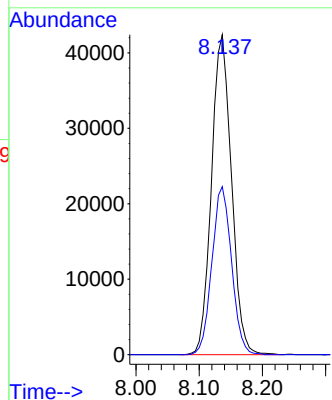
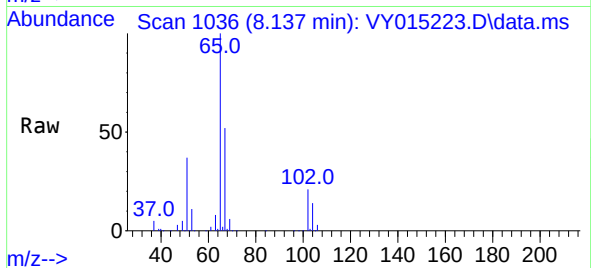
B-PP14A

Tgt Ion: 65 Resp: 93096

Ion Ratio Lower Upper

65 100

67 51.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015223.D

Acq: 21 Aug 2023 17:20

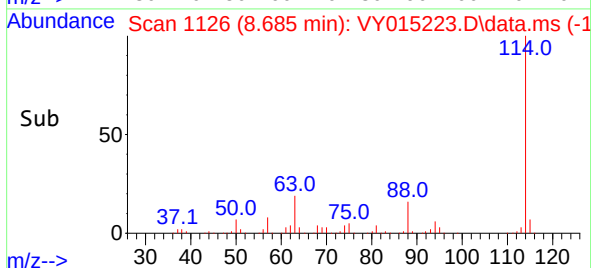
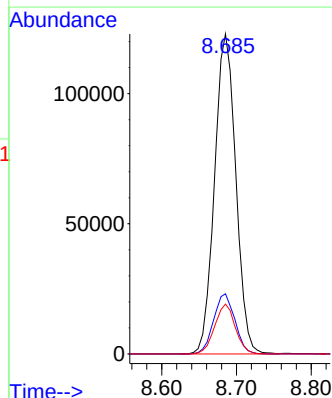
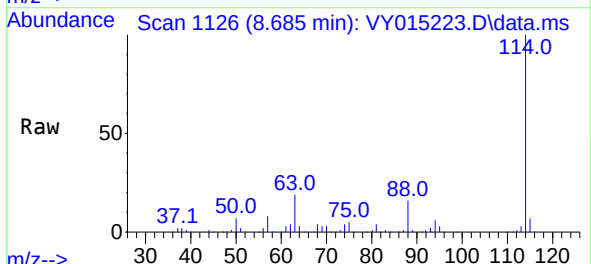
Tgt Ion: 114 Resp: 243394

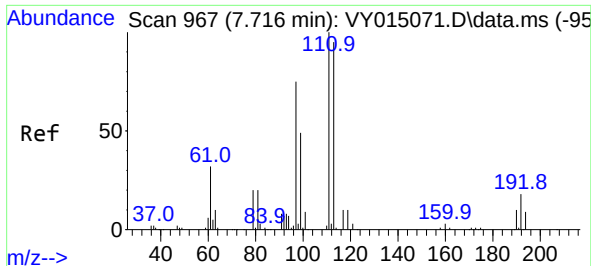
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

88 15.6 0.0 30.6

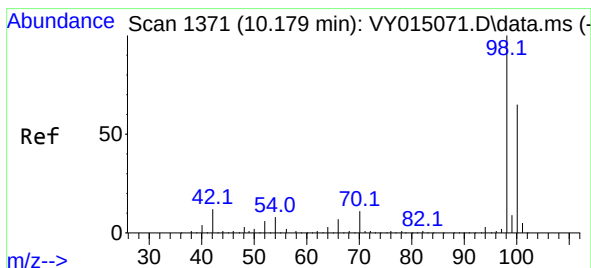
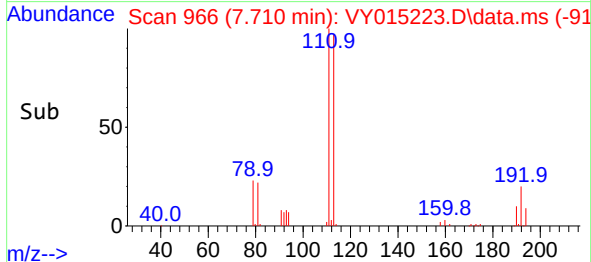
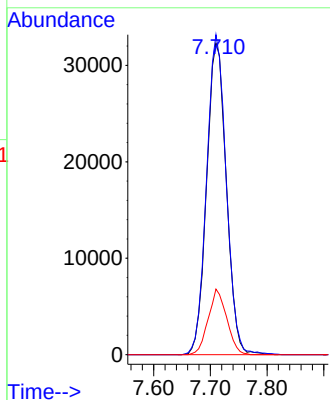
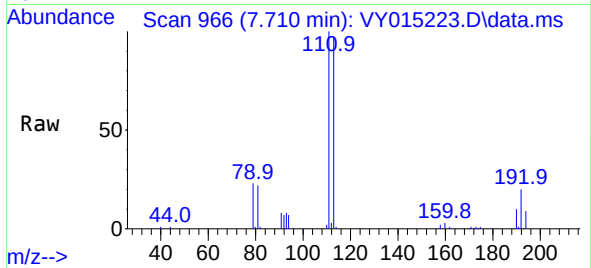




#35
Dibromofluoromethane
Concen: 49.895 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015223.D
Acq: 21 Aug 2023 17:20

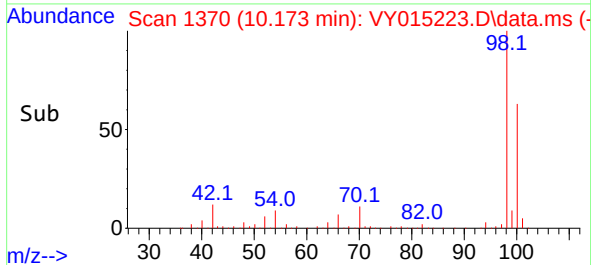
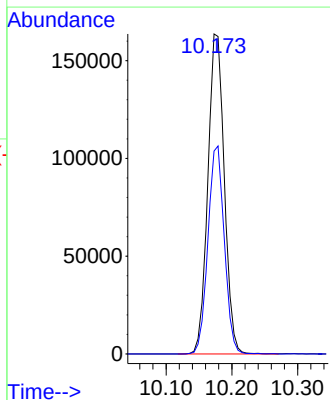
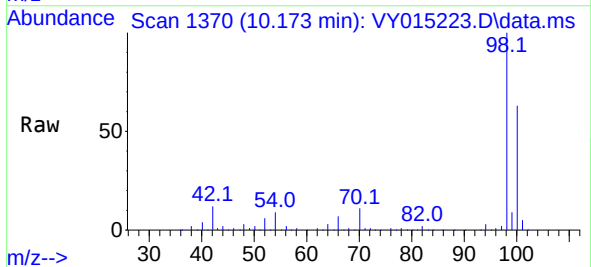
Instrument :
MSVOA_Y
ClientSampleId :
B-PP14A

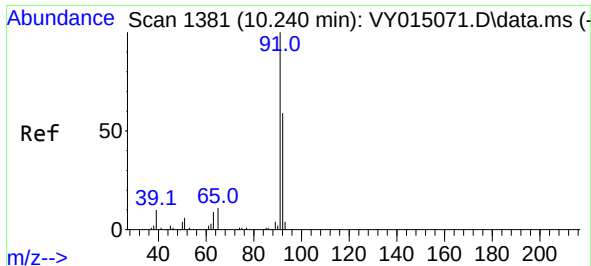
Tgt Ion:113 Resp: 78127
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 19.8 16.9 25.3



#50
Toluene-d8
Concen: 48.957 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY015223.D
Acq: 21 Aug 2023 17:20

Tgt Ion: 98 Resp: 285368
Ion Ratio Lower Upper
98 100
100 64.5 50.1 75.1

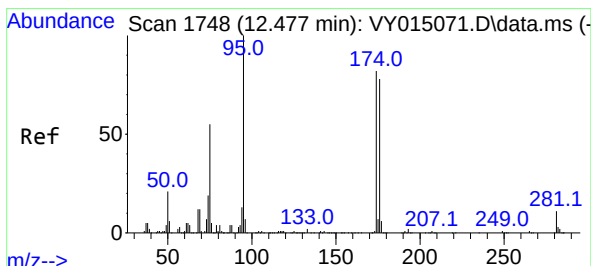
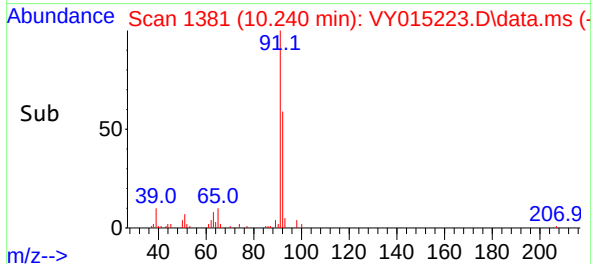
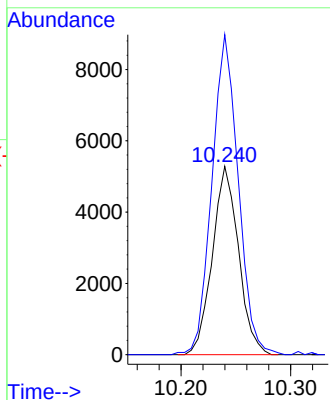
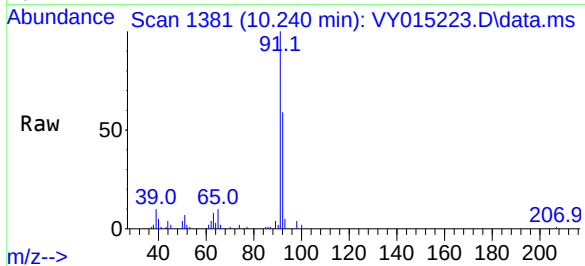




#52
Toluene
Concen: 2.540 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY015223.D
Acq: 21 Aug 2023 17:20

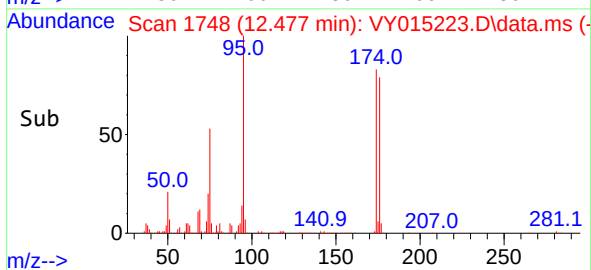
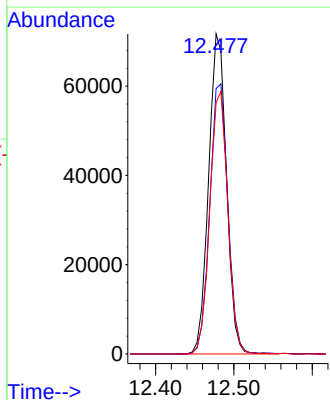
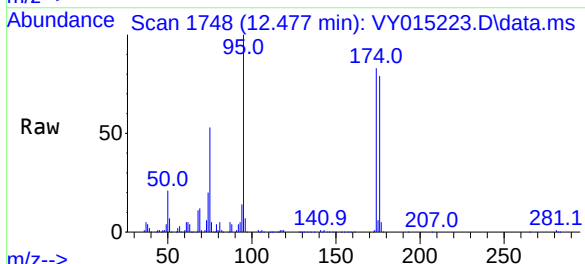
Instrument :
MSVOA_Y
ClientSampleId :
B-PP14A

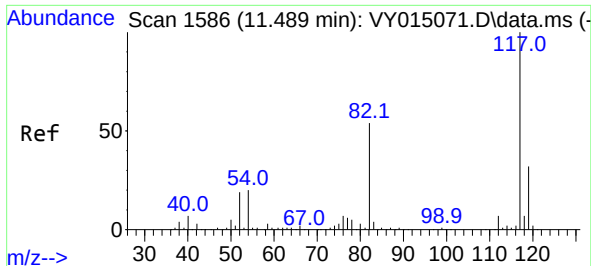
Tgt Ion: 92 Resp: 8767
Ion Ratio Lower Upper
92 100
91 170.7 143.8 215.6



#62
4-Bromofluorobenzene
Concen: 53.220 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015223.D
Acq: 21 Aug 2023 17:20

Tgt Ion: 95 Resp: 113305
Ion Ratio Lower Upper
95 100
174 85.8 0.0 178.2
176 82.8 0.0 173.8

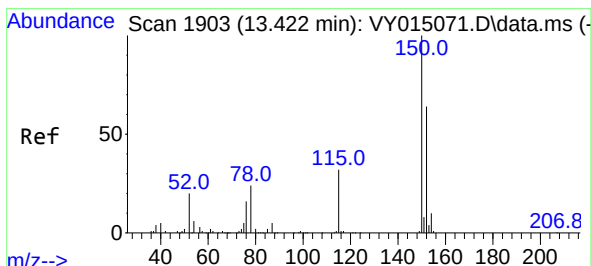
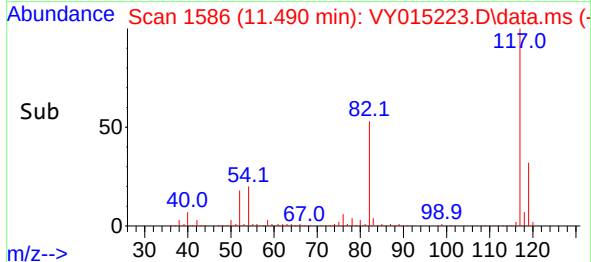
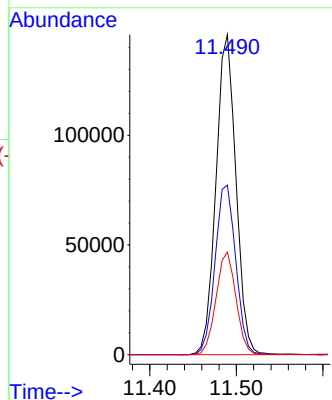
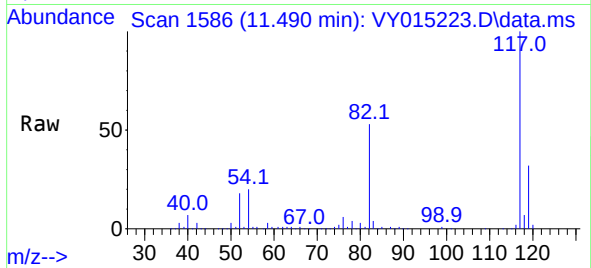




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY015223.D
Acq: 21 Aug 2023 17:20

Instrument :
MSVOA_Y
ClientSampleId :
B-PP14A

Tgt Ion:117 Resp: 233729
Ion Ratio Lower Upper
117 100
82 53.0 43.4 65.0
119 32.1 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015223.D
Acq: 21 Aug 2023 17:20

Tgt Ion:152 Resp: 123052
Ion Ratio Lower Upper
152 100
115 58.4 28.8 86.5
150 156.3 0.0 348.8

