

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
 Data File : VY014726.D
 Acq On : 20 Jul 2023 17:15
 Operator : SY/MD
 Sample : 03674-03
 Misc : 6.18g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WO-9

Quant Time: Jul 21 01:33:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

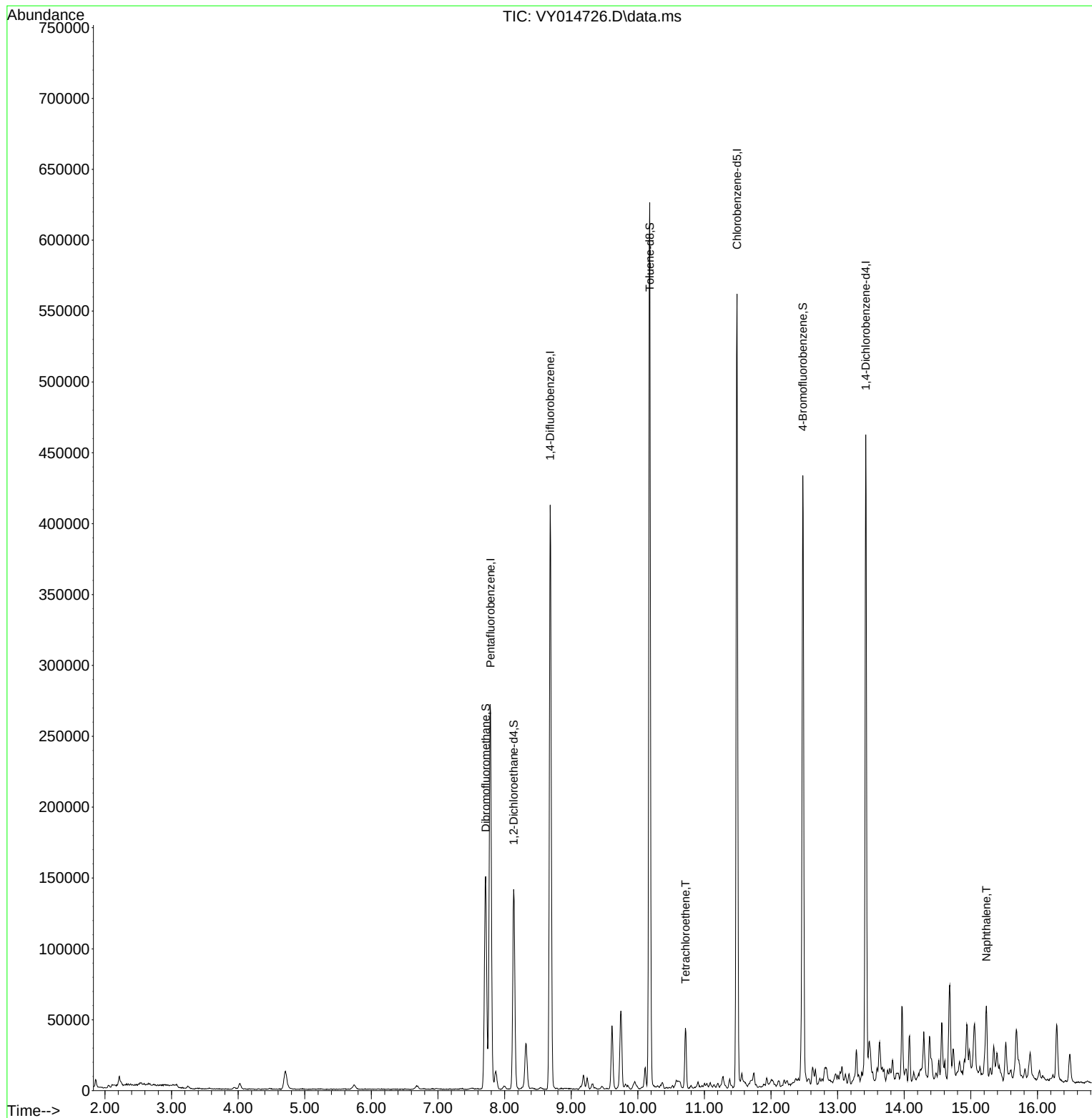
Internal Standards						
1) Pentafluorobenzene	7.789	168	215926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	352600	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	301440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	117349	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	112904	45.885	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.780%
35) Dibromofluoromethane	7.716	113	105707	47.095	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.180%
50) Toluene-d8	10.179	98	408628	49.380	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.760%
62) 4-Bromofluorobenzene	12.477	95	133338	42.022	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.040%
Target Compounds						
					Qvalue	
64) Tetrachloroethene	10.715	164	8726	3.599	ug/l	95
95) Naphthalene	15.233	128	35202	6.364	ug/l	97

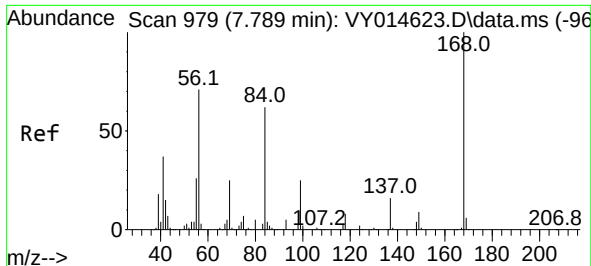
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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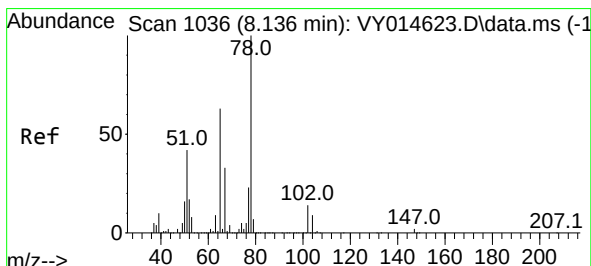
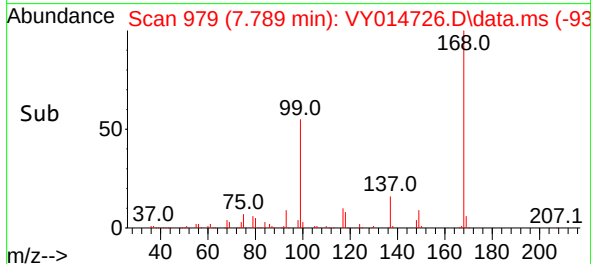
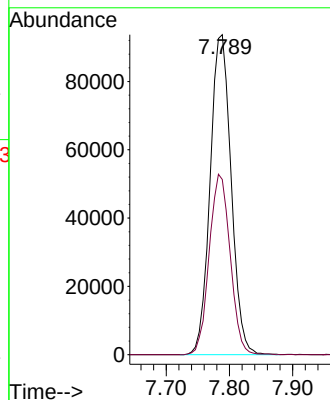
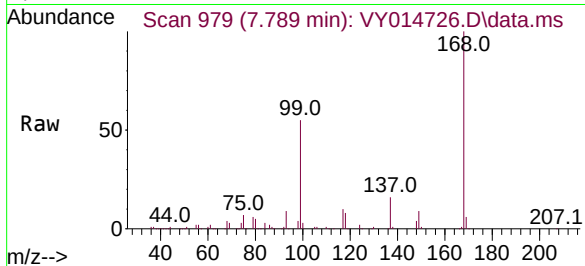




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014726.D
Acq: 20 Jul 2023 17:15

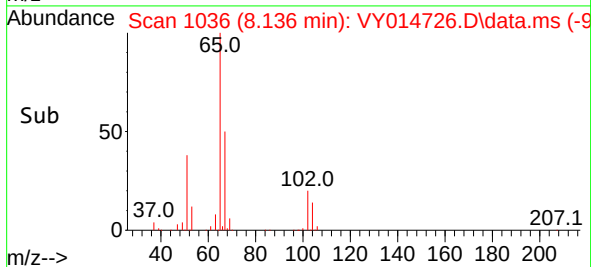
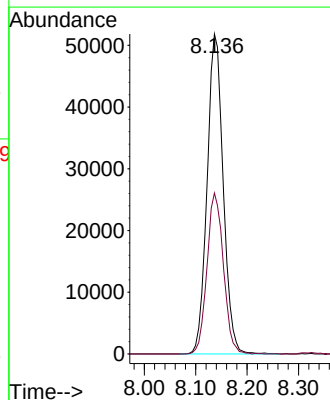
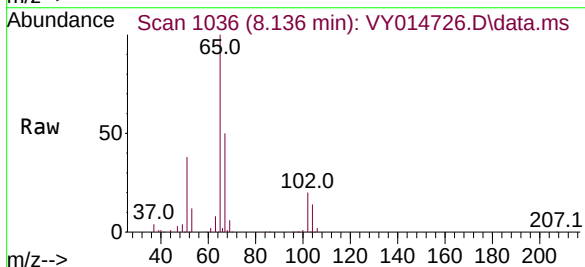
Instrument :
MSVOA_Y
ClientSampleId :
WO-9

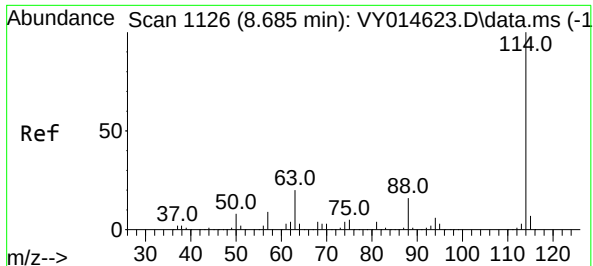
Tgt Ion:168 Resp: 215926
Ion Ratio Lower Upper
168 100
99 54.7 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 45.885 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014726.D
Acq: 20 Jul 2023 17:15

Tgt Ion: 65 Resp: 112904
Ion Ratio Lower Upper
65 100
67 51.1 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: VY014726.D

Acq: 20 Jul 2023 17:15

Instrument :

MSVOA_Y

ClientSampleId :

WO-9

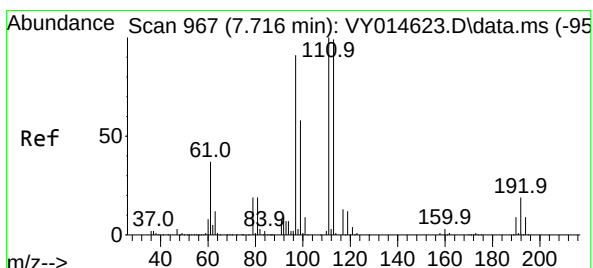
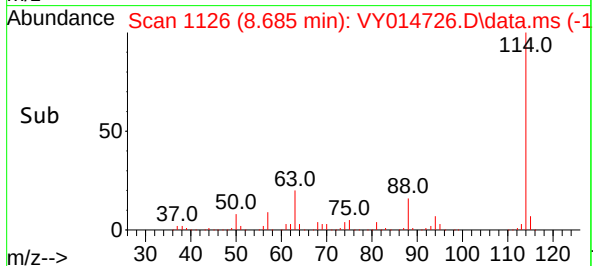
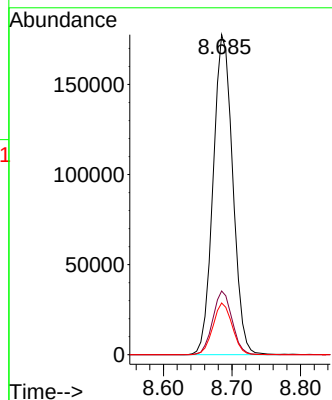
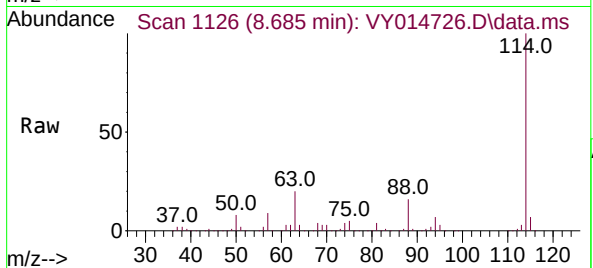
Tgt Ion:114 Resp: 352600

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 16.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.095 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014726.D

Acq: 20 Jul 2023 17:15

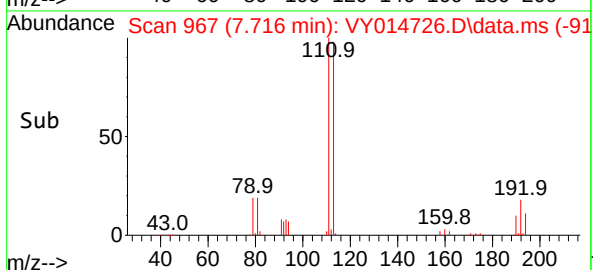
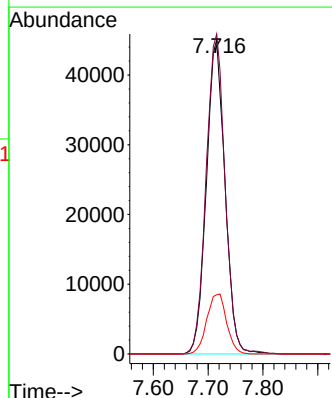
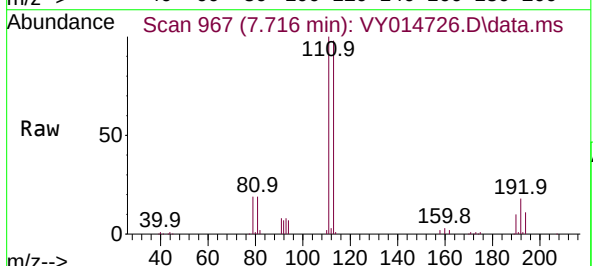
Tgt Ion:113 Resp: 105707

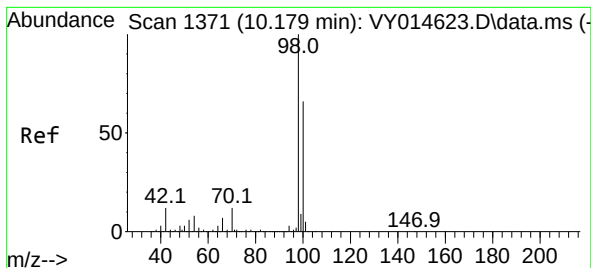
Ion Ratio Lower Upper

113 100

111 103.8 81.3 121.9

192 20.3 16.9 25.3

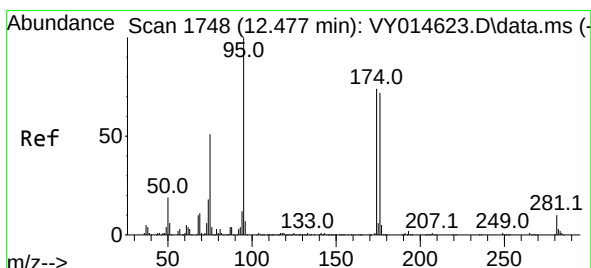
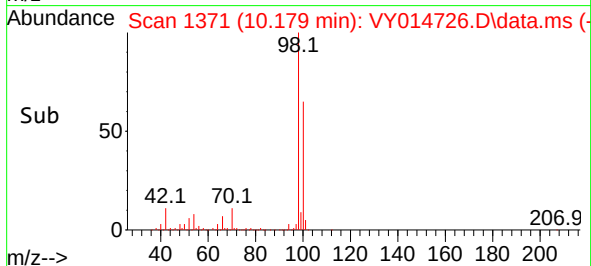
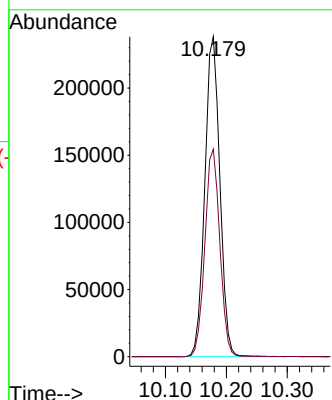
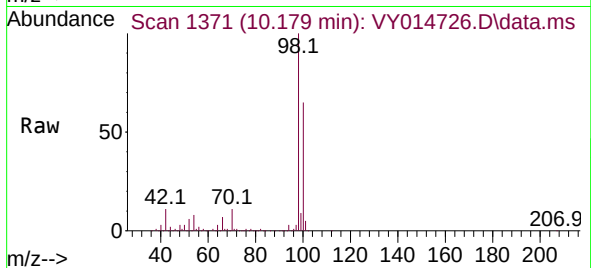




#50
Toluene-d8
Concen: 49.380 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014726.D
Acq: 20 Jul 2023 17:15

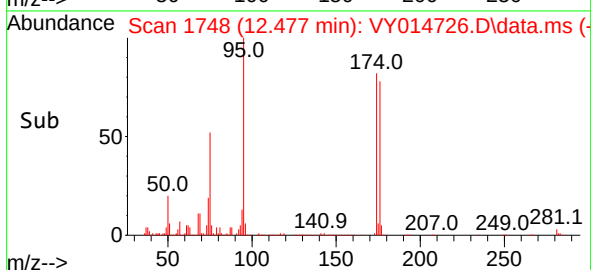
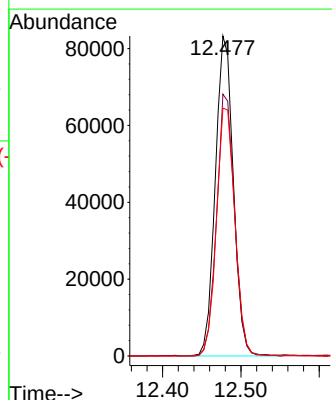
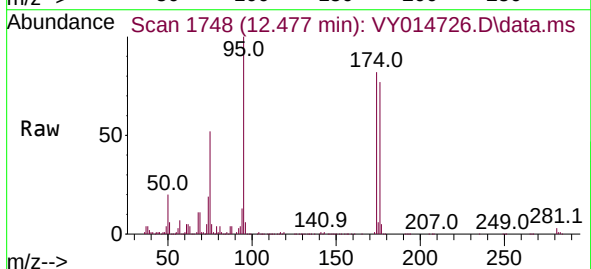
Instrument :
MSVOA_Y
ClientSampleId :
WO-9

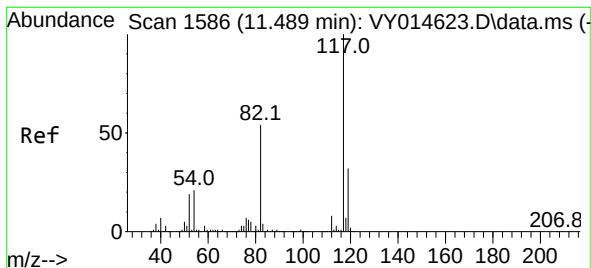
Tgt Ion: 98 Resp: 408628
Ion Ratio Lower Upper
98 100
100 64.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 42.022 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY014726.D
Acq: 20 Jul 2023 17:15

Tgt Ion: 95 Resp: 133338
Ion Ratio Lower Upper
95 100
174 81.4 0.0 178.2
176 79.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014726.D

Acq: 20 Jul 2023 17:15

Instrument :

MSVOA_Y

ClientSampleId :

WO-9

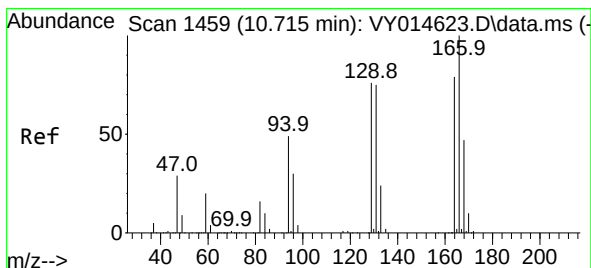
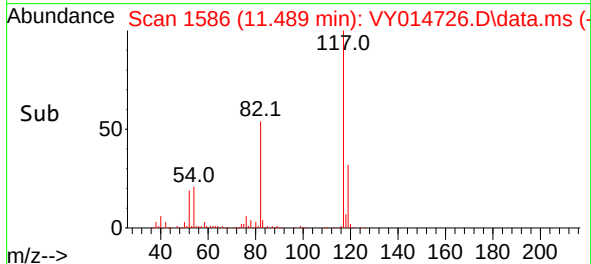
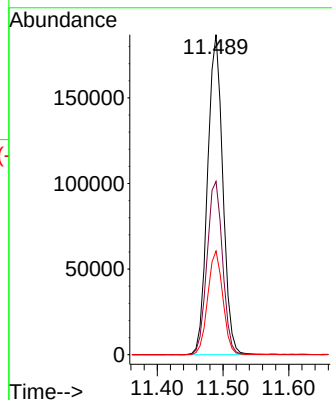
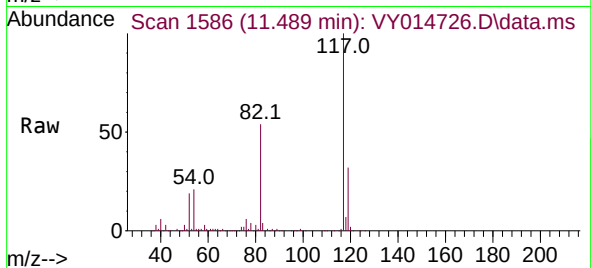
Tgt Ion:117 Resp: 301440

Ion Ratio Lower Upper

117 100

82 54.1 43.4 65.0

119 32.4 26.3 39.5



#64

Tetrachloroethene

Concen: 3.599 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY014726.D

Acq: 20 Jul 2023 17:15

Tgt Ion:164 Resp: 8726

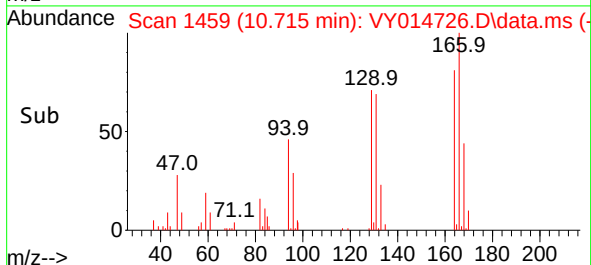
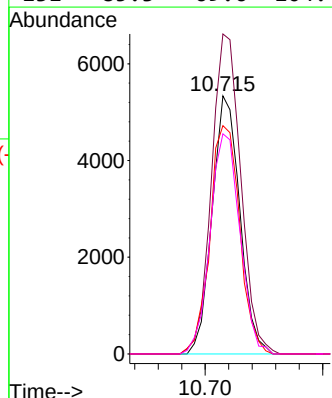
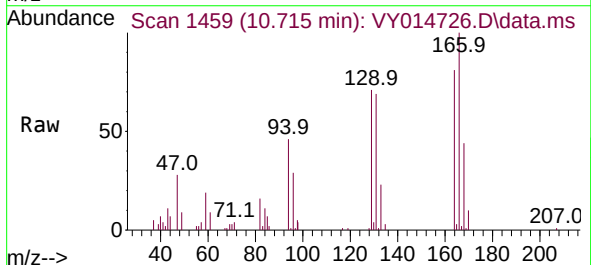
Ion Ratio Lower Upper

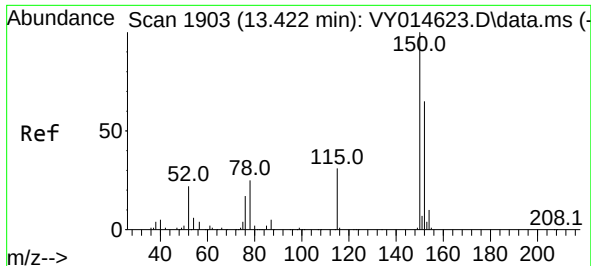
164 100

166 124.0 103.0 154.6

129 88.4 77.2 115.8

131 85.3 69.6 104.4

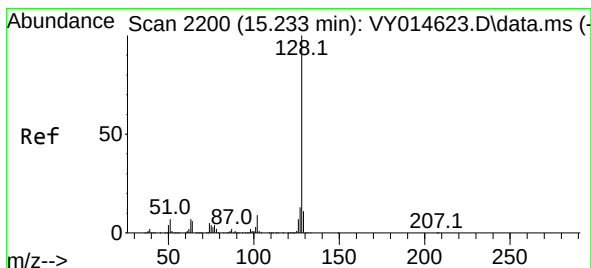
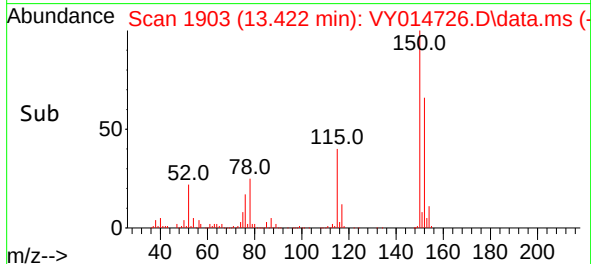
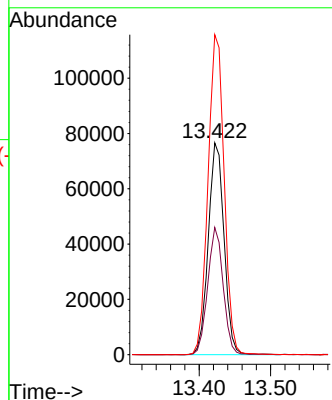
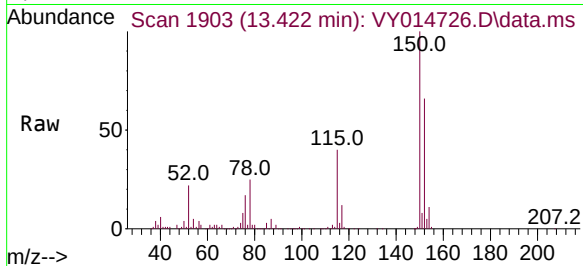




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY014726.D
Acq: 20 Jul 2023 17:15

Instrument :
MSVOA_Y
ClientSampleId :
WO-9

Tgt Ion:152 Resp: 117349
Ion Ratio Lower Upper
152 100
115 59.1 28.8 86.5
150 154.6 0.0 348.8



#95
Naphthalene
Concen: 6.364 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY014726.D
Acq: 20 Jul 2023 17:15

Tgt Ion:128 Resp: 35202
Ion Ratio Lower Upper
128 100
127 13.7 10.8 16.2
129 13.0 8.6 13.0

