

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071723\
 Data File : VY014670.D
 Acq On : 17 Jul 2023 14:20
 Operator : SY/MD
 Sample : 03633-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-01-GRAB

Quant Time: Jul 18 06:09:26 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)

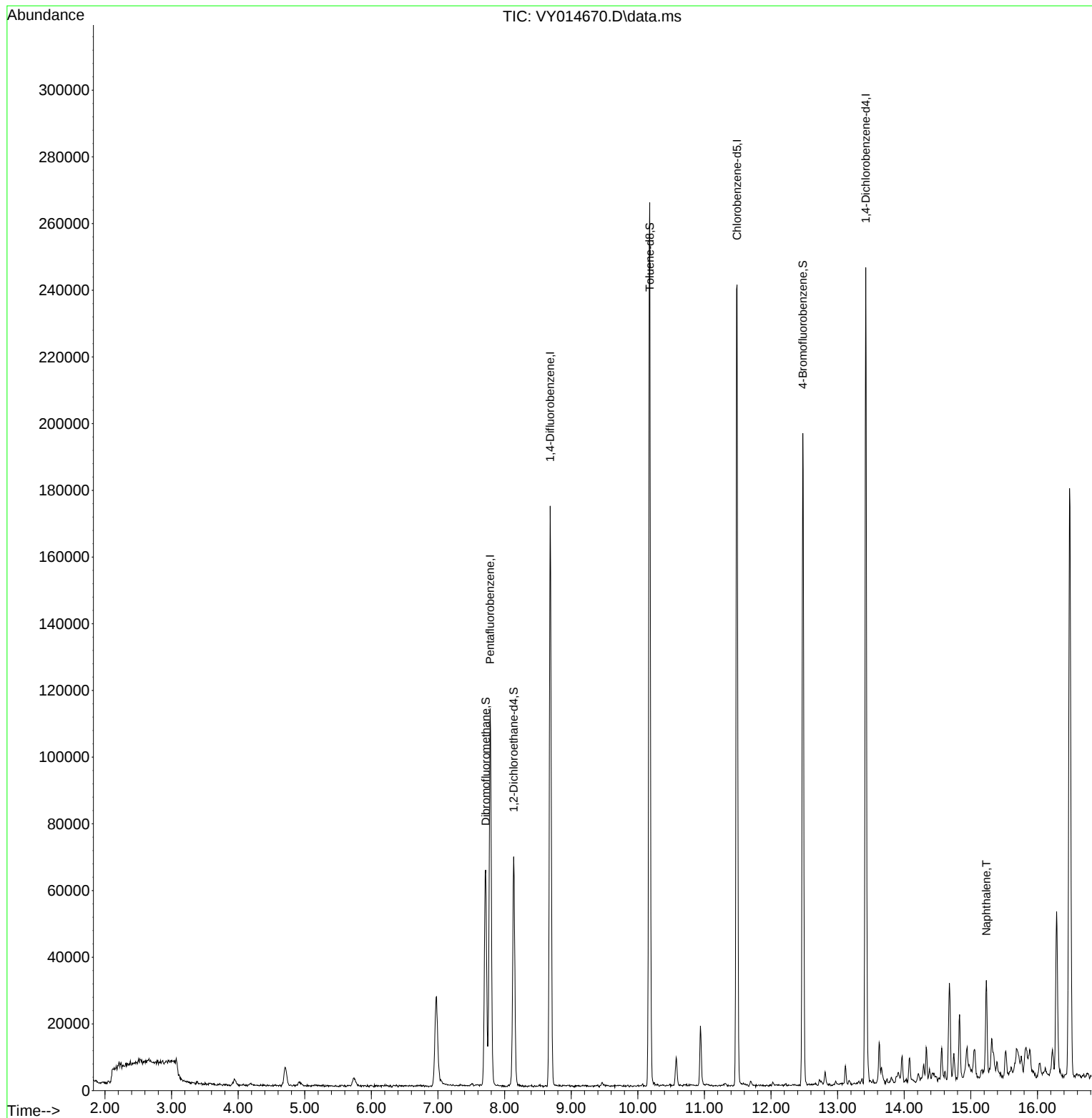
Internal Standards						
1) Pentafluorobenzene	7.783	168	85929	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	147831	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	135985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	62308	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	52214	53.323	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.640%	
35) Dibromofluoromethane	7.716	113	46437	49.346	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.700%	
50) Toluene-d8	10.179	98	175343	50.539	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.080%	
62) 4-Bromofluorobenzene	12.477	95	63665	47.857	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.720%	
Target Compounds						Qvalue
95) Naphthalene	15.233	128	23279	7.927	ug/l	99

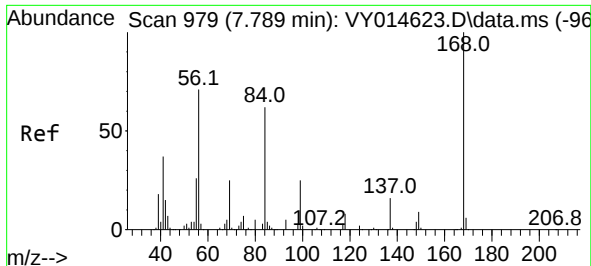
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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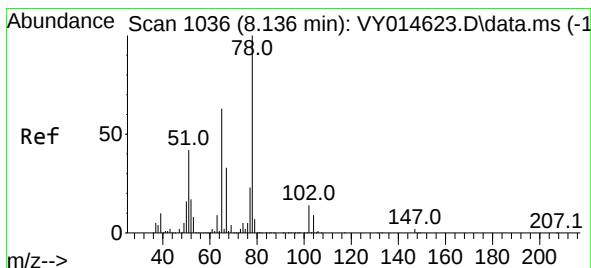
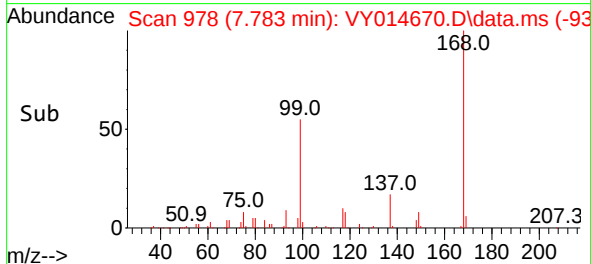
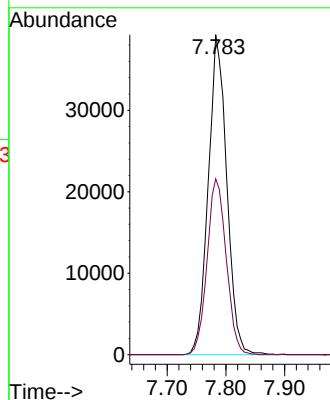
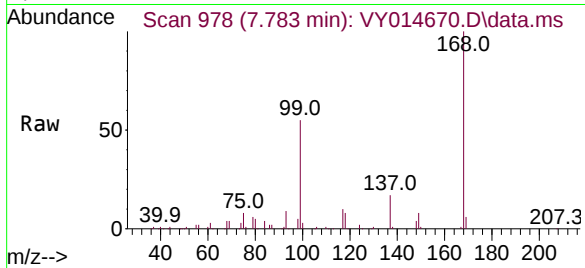




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014670.D
Acq: 17 Jul 2023 14:20

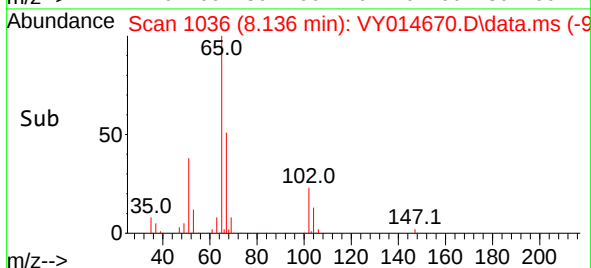
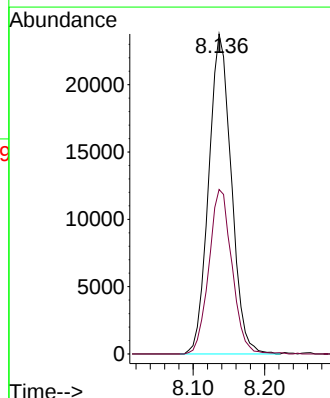
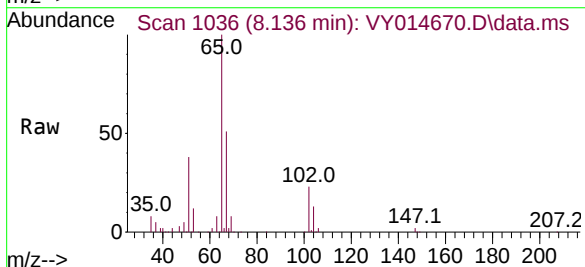
Instrument :
MSVOA_Y
ClientSampleId :
SS-01-GRAB

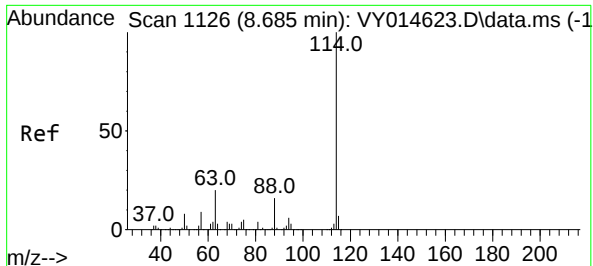
Tgt Ion:168 Resp: 85929
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 53.323 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014670.D
Acq: 17 Jul 2023 14:20

Tgt Ion: 65 Resp: 52214
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.8

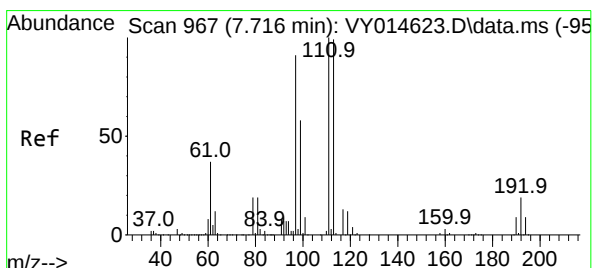
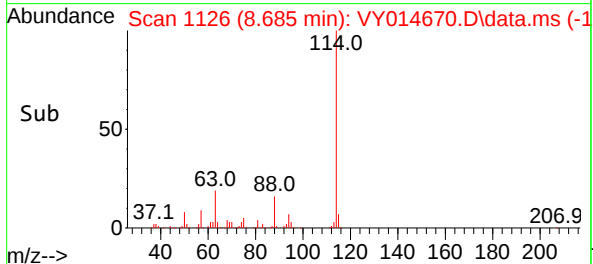
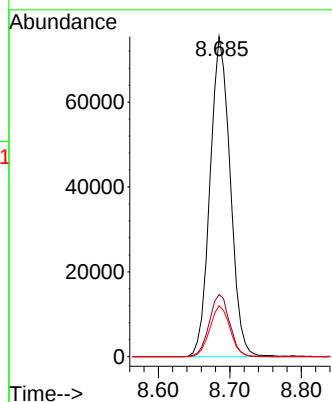
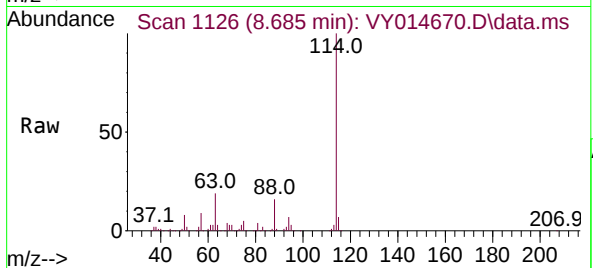




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY014670.D
Acq: 17 Jul 2023 14:20

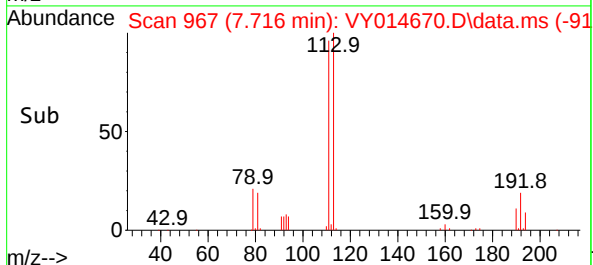
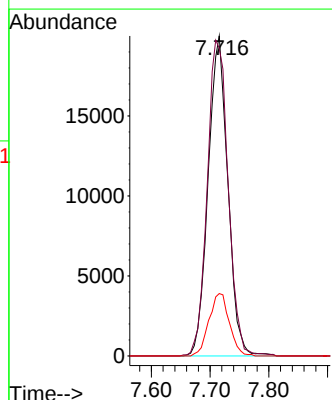
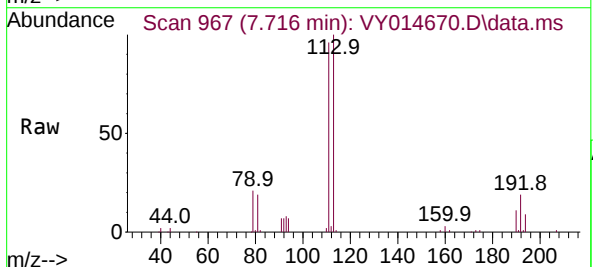
Instrument :
MSVOA_Y
ClientSampleId :
SS-01-GRAB

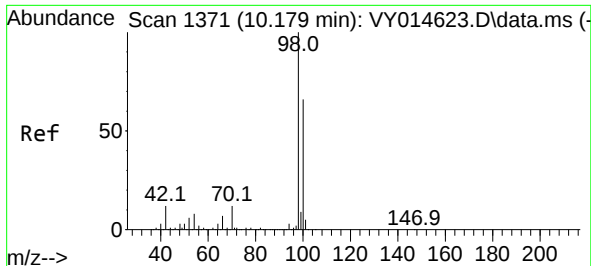
Tgt Ion:	114	Resp:	147831
Ion Ratio	Lower	Upper	
114	100		
63	19.4	0.0	42.4
88	15.9	0.0	30.6



#35
Dibromofluoromethane
Concen: 49.346 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014670.D
Acq: 17 Jul 2023 14:20

Tgt Ion:	113	Resp:	46437
Ion Ratio	Lower	Upper	
113	100		
111	105.3	81.3	121.9
192	20.3	16.9	25.3

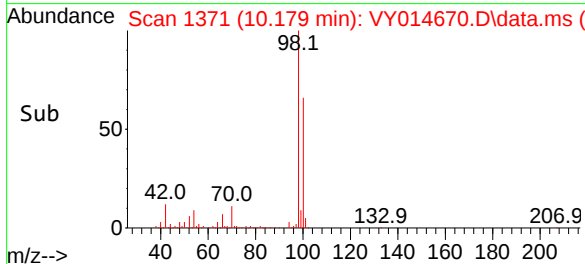
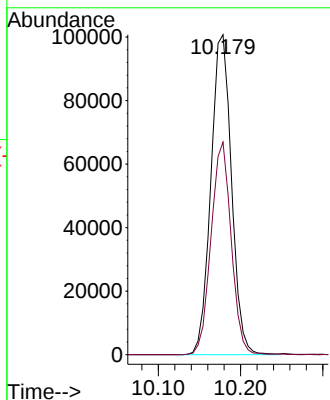
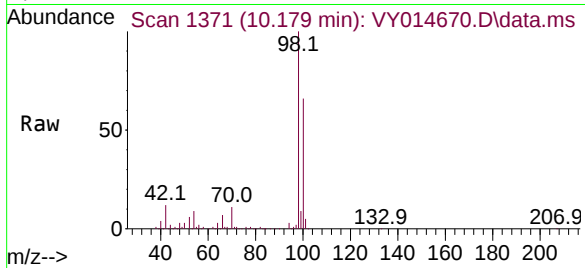




#50
Toluene-d8
Concen: 50.539 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014670.D
Acq: 17 Jul 2023 14:20

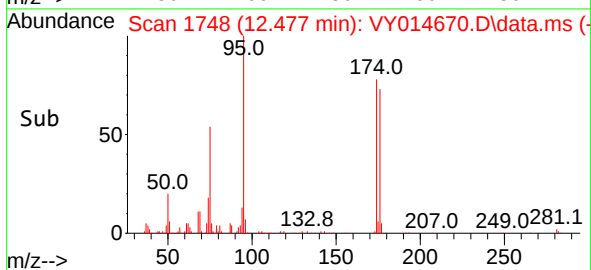
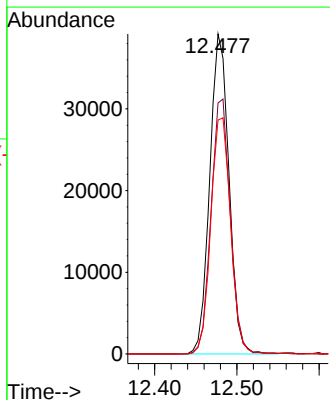
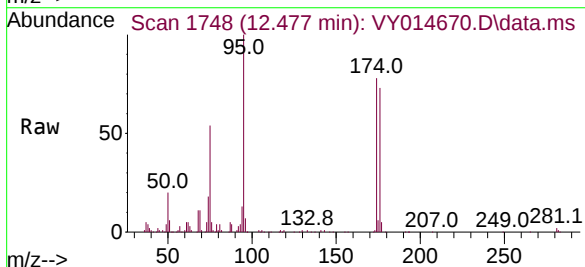
Instrument :
MSVOA_Y
ClientSampleId :
SS-01-GRAB

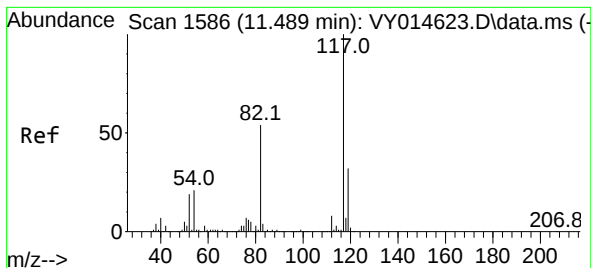
Tgt Ion: 98 Resp: 175343
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.857 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY014670.D
Acq: 17 Jul 2023 14:20

Tgt Ion: 95 Resp: 63665
Ion Ratio Lower Upper
95 100
174 80.2 0.0 178.2
176 76.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014670.D

Acq: 17 Jul 2023 14:20

Instrument :

MSVOA_Y

ClientSampleId :

SS-01-GRAB

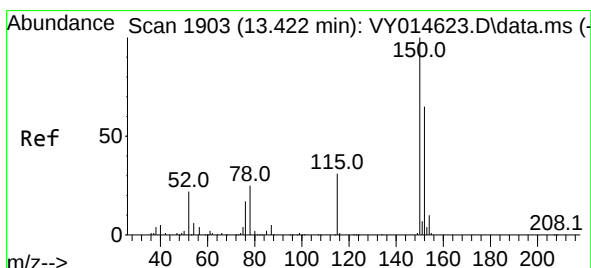
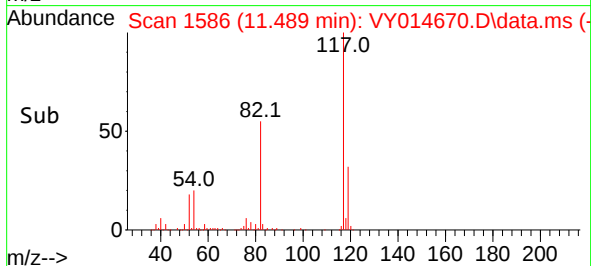
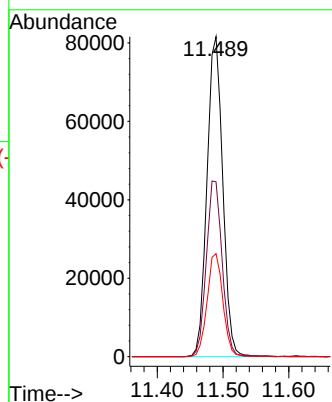
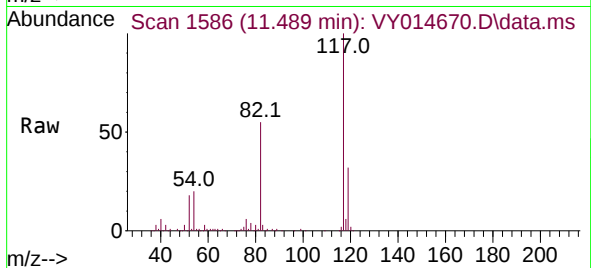
Tgt Ion:117 Resp: 135985

Ion Ratio Lower Upper

117 100

82 54.7 43.4 65.0

119 32.2 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: VY014670.D

Acq: 17 Jul 2023 14:20

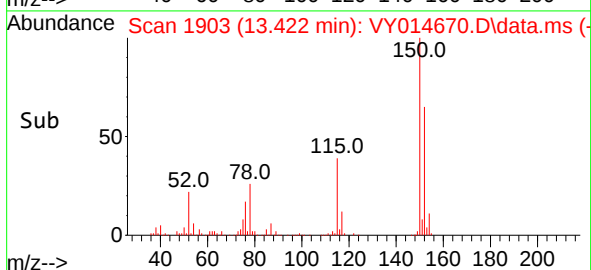
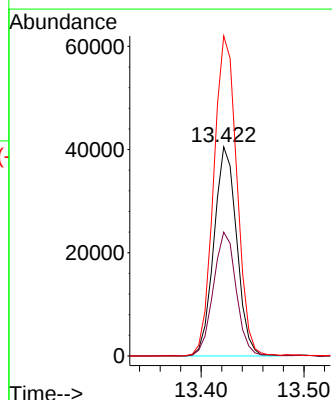
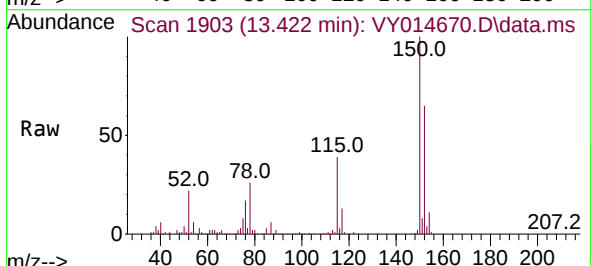
Tgt Ion:152 Resp: 62308

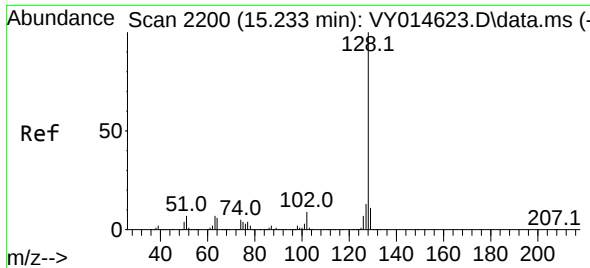
Ion Ratio Lower Upper

152 100

115 59.7 28.8 86.5

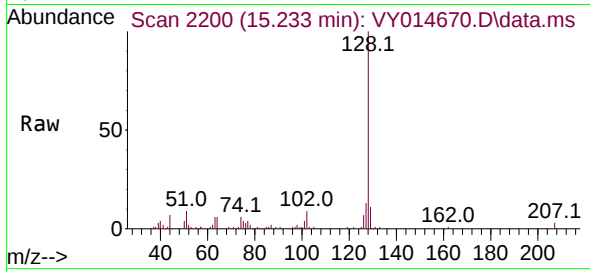
150 155.9 0.0 348.8





#95
Naphthalene
Concen: 7.927 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY014670.D
Acq: 17 Jul 2023 14:20

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:128 Resp: 23279
Ion Ratio Lower Upper
128 100
127 13.6 10.8 16.2
129 11.8 8.6 13.0

