

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071723\
 Data File : VY014676.D
 Acq On : 17 Jul 2023 16:43
 Operator : SY/MD
 Sample : 03633-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-01-GRABRE

Quant Time: Jul 18 06:11:40 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)

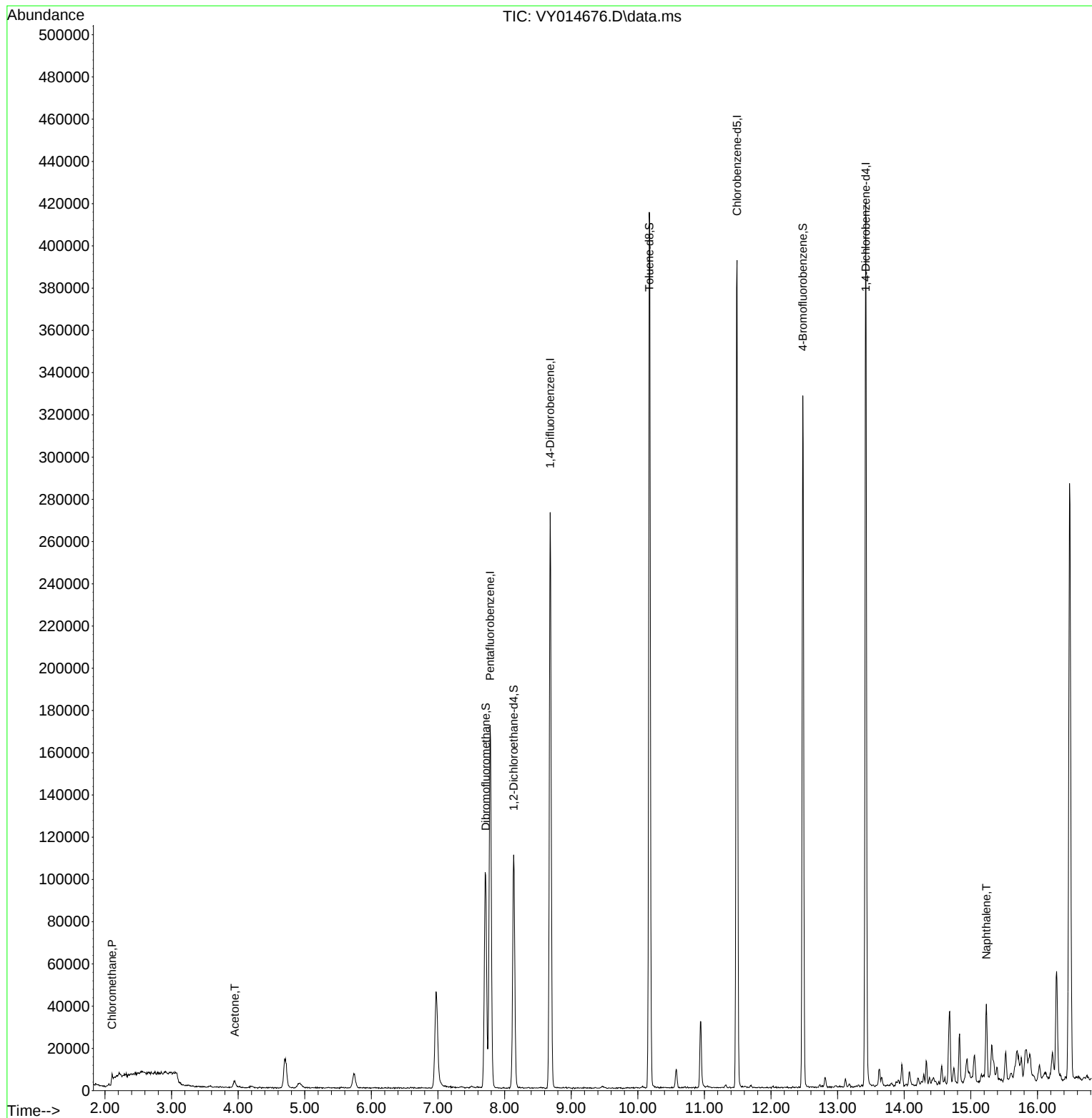
Internal Standards						
1) Pentafluorobenzene	7.783	168	134591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	232329	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	216734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	105336	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	84881	55.343	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.680%
35) Dibromofluoromethane	7.716	113	73797	49.898	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.800%
50) Toluene-d8	10.173	98	277479	50.890	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.780%
62) 4-Bromofluorobenzene	12.477	95	104594	50.028	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.060%
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	1910	1.550	ug/l	90
16) Acetone	3.948	43	6127	12.607	ug/l	100
95) Naphthalene	15.233	128	28995	5.840	ug/l	98

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

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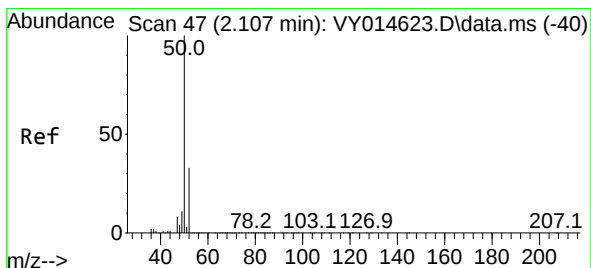
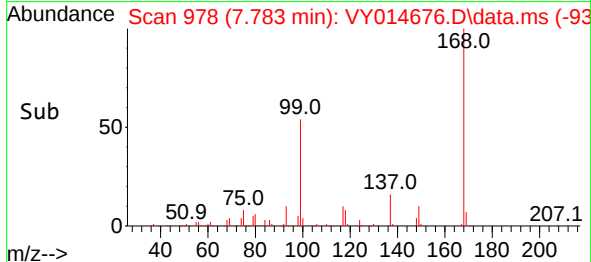
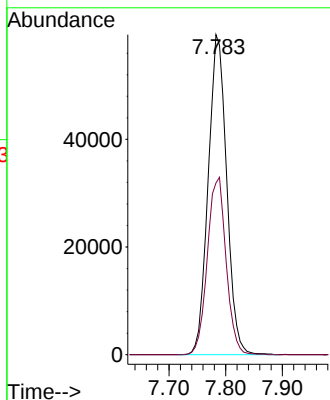
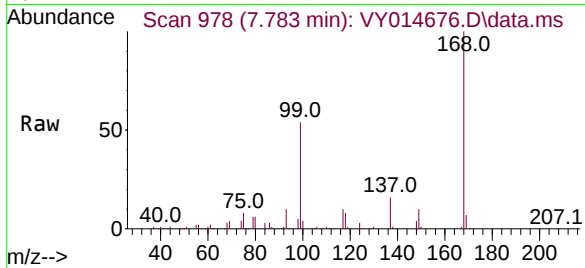




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014676.D
Acq: 17 Jul 2023 16:43

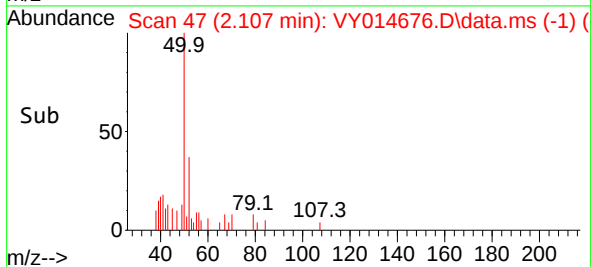
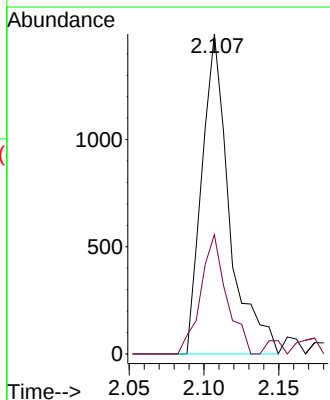
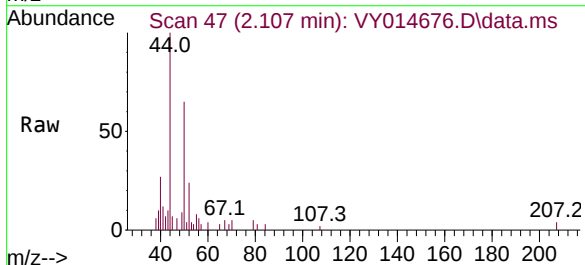
Instrument :
MSVOA_Y
ClientSampleId :
SS-01-GRABRE

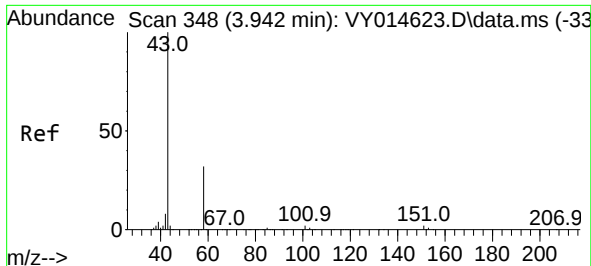
Tgt Ion:168 Resp: 134591
Ion Ratio Lower Upper
168 100
99 53.7 43.4 65.0



#3
Chloromethane
Concen: 1.550 ug/l
RT: 2.107 min Scan# 47
Delta R.T. -0.000 min
Lab File: VY014676.D
Acq: 17 Jul 2023 16:43

Tgt Ion: 50 Resp: 1910
Ion Ratio Lower Upper
50 100
52 37.3 25.4 38.2

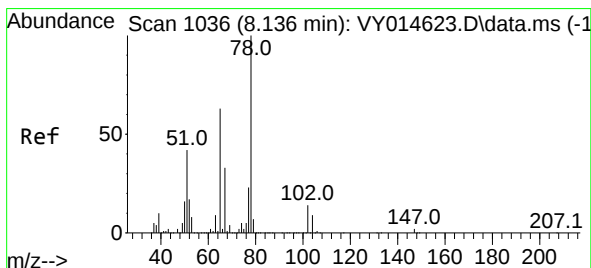
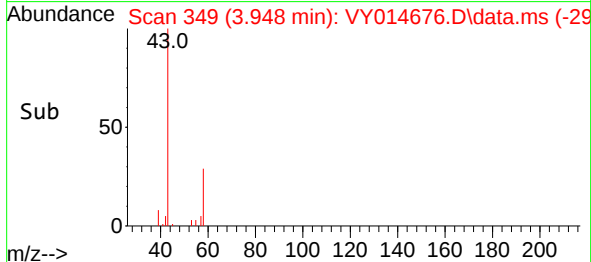
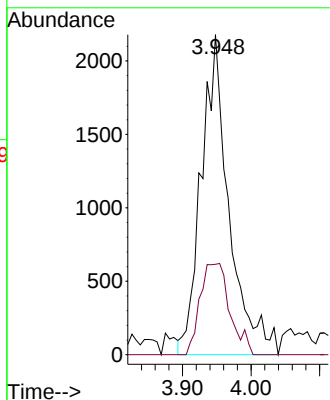
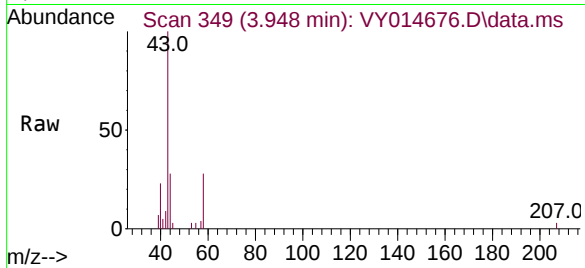




#16
Acetone
Concen: 12.607 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY014676.D
Acq: 17 Jul 2023 16:43

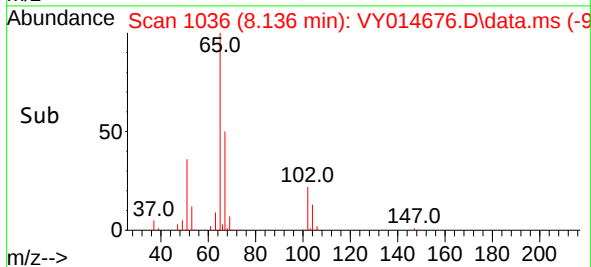
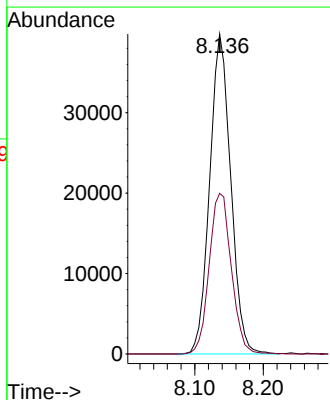
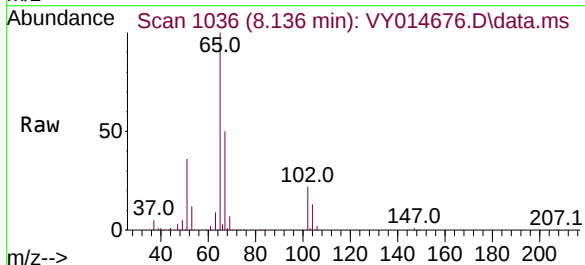
Instrument :
MSVOA_Y
ClientSampleId :
SS-01-GRABRE

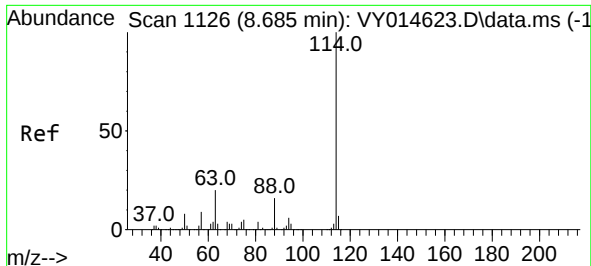
Tgt Ion: 43 Resp: 6127
Ion Ratio Lower Upper
43 100
58 28.3 22.7 34.1



#33
1,2-Dichloroethane-d4
Concen: 55.343 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014676.D
Acq: 17 Jul 2023 16:43

Tgt Ion: 65 Resp: 84881
Ion Ratio Lower Upper
65 100
67 52.9 0.0 101.8

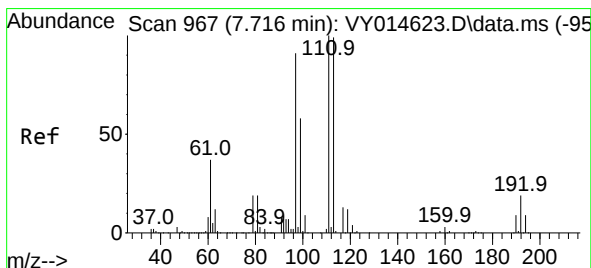
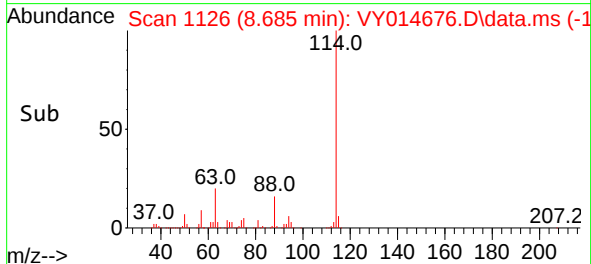
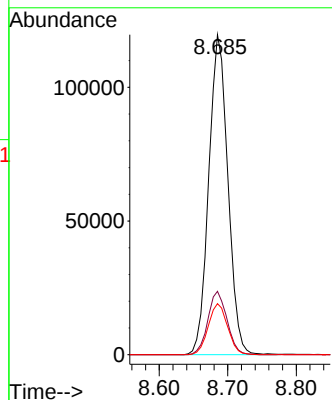
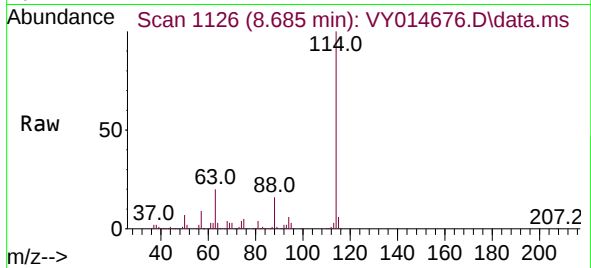




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014676.D
Acq: 17 Jul 2023 16:43

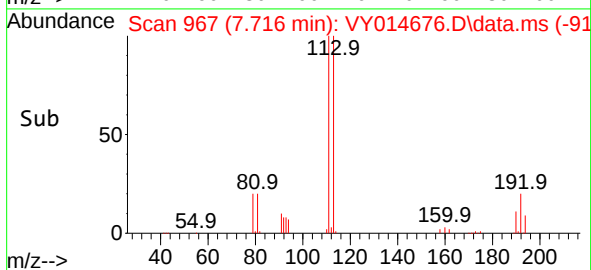
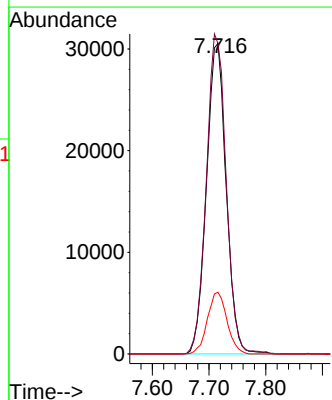
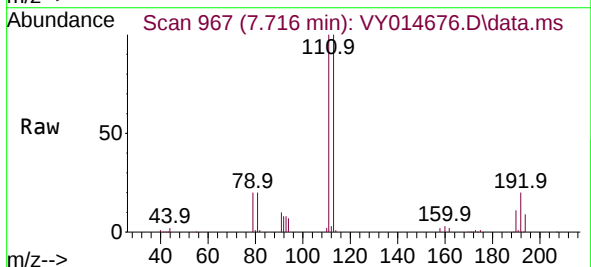
Instrument :
MSVOA_Y
ClientSampleId :
SS-01-GRABRE

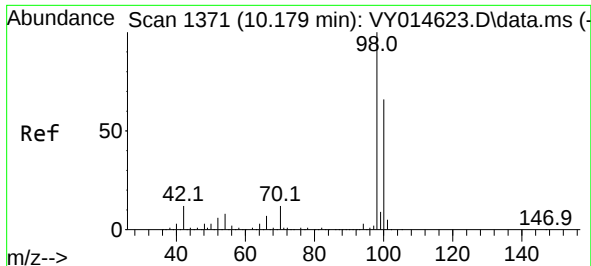
Tgt Ion:114 Resp: 232329
Ion Ratio Lower Upper
114 100
63 19.8 0.0 42.4
88 16.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.898 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014676.D
Acq: 17 Jul 2023 16:43

Tgt Ion:113 Resp: 73797
Ion Ratio Lower Upper
113 100
111 103.9 81.3 121.9
192 19.8 16.9 25.3

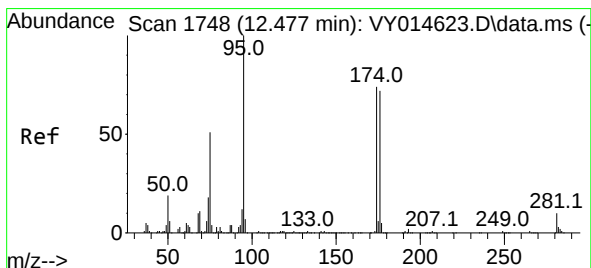
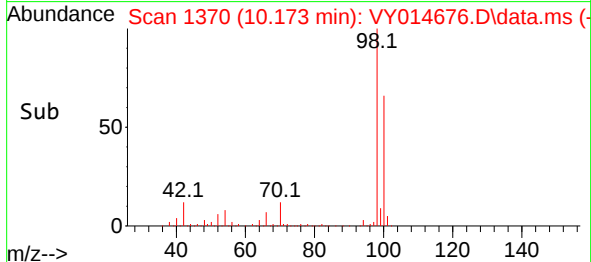
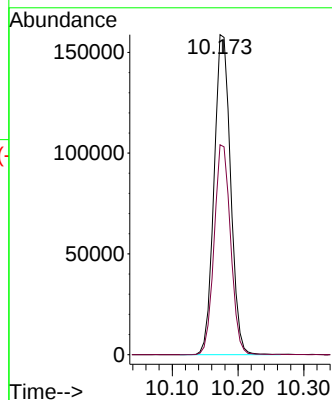
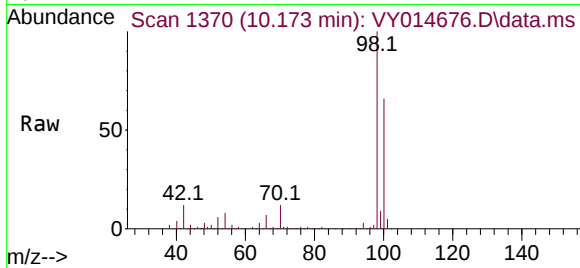




#50
Toluene-d8
Concen: 50.890 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014676.D
Acq: 17 Jul 2023 16:43

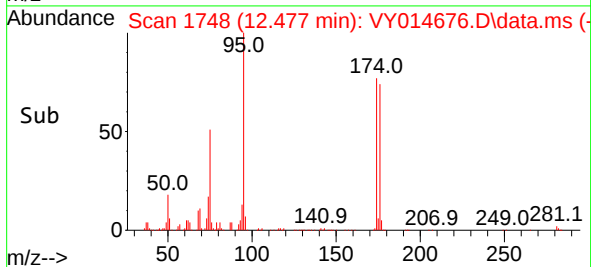
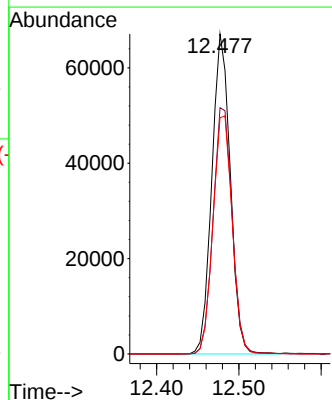
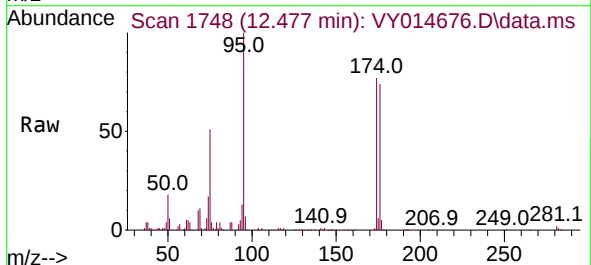
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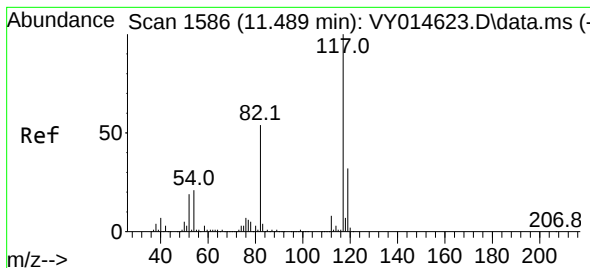
Tgt Ion: 98 Resp: 277479
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.028 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014676.D
Acq: 17 Jul 2023 16:43

Tgt Ion: 95 Resp: 104594
Ion Ratio Lower Upper
95 100
174 79.5 0.0 178.2
176 77.7 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: VY014676.D

Acq: 17 Jul 2023 16:43

Instrument :

MSVOA_Y

ClientSampleId :

SS-01-GRABRE

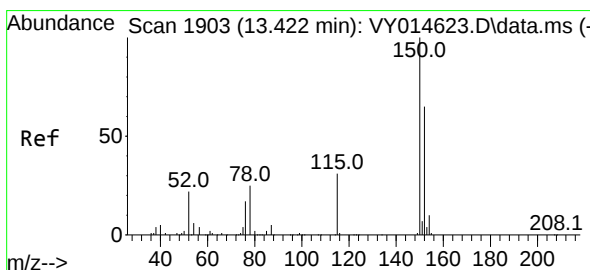
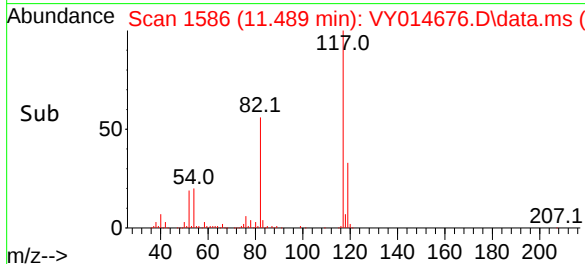
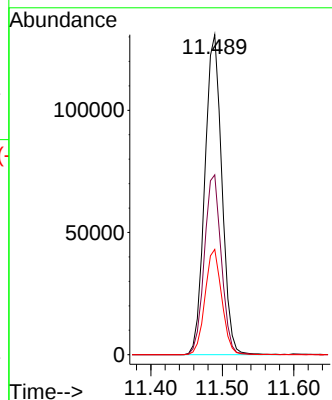
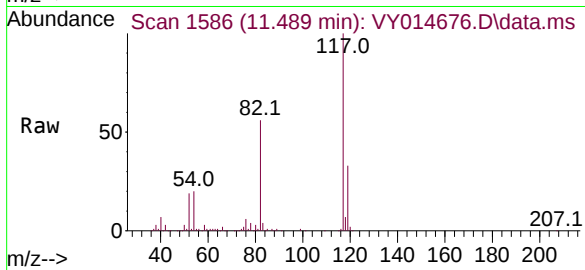
Tgt Ion:117 Resp: 216734

Ion Ratio Lower Upper

117 100

82 56.2 43.4 65.0

119 32.9 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: VY014676.D

Acq: 17 Jul 2023 16:43

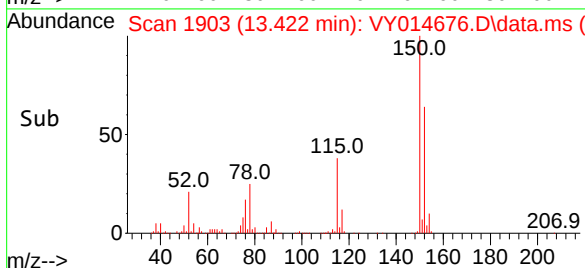
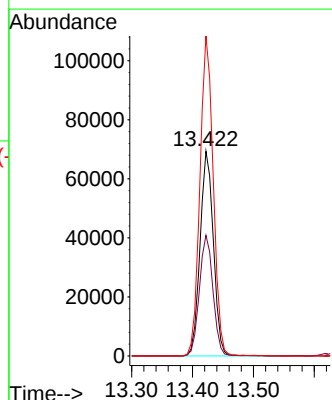
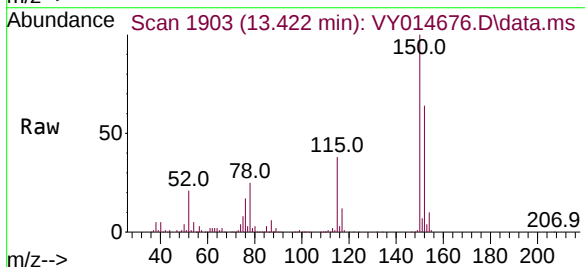
Tgt Ion:152 Resp: 105336

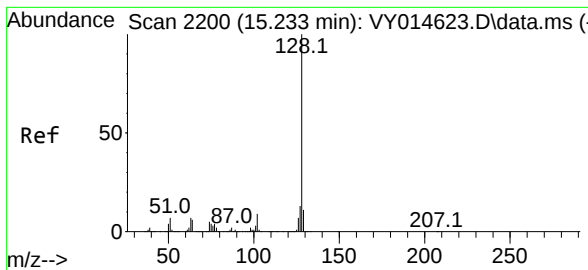
Ion Ratio Lower Upper

152 100

115 60.2 28.8 86.5

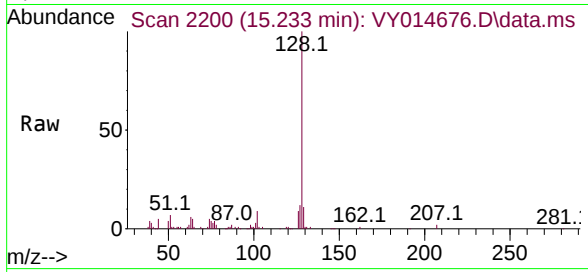
150 156.4 0.0 348.8





#95
 Naphthalene
 Concen: 5.840 ug/l
 RT: 15.233 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY014676.D
 Acq: 17 Jul 2023 16:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-01-GRABRE



Tgt Ion:	128	Resp:	28995
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.8	16.2
129	12.8	8.6	13.0

