

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072423\
 Data File : VY014770.D
 Acq On : 24 Jul 2023 14:20
 Operator : SY/MD
 Sample : 03706-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P9ARE

Quant Time: Jul 24 15:13:44 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	6390	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	11093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	9990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	3581	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	3999	54.919	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.840%
35) Dibromofluoromethane	7.710	113	2223	31.480	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	62.960%
50) Toluene-d8	10.173	98	12834	49.296	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.600%
62) 4-Bromofluorobenzene	12.483	95	4107	41.142	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.280%

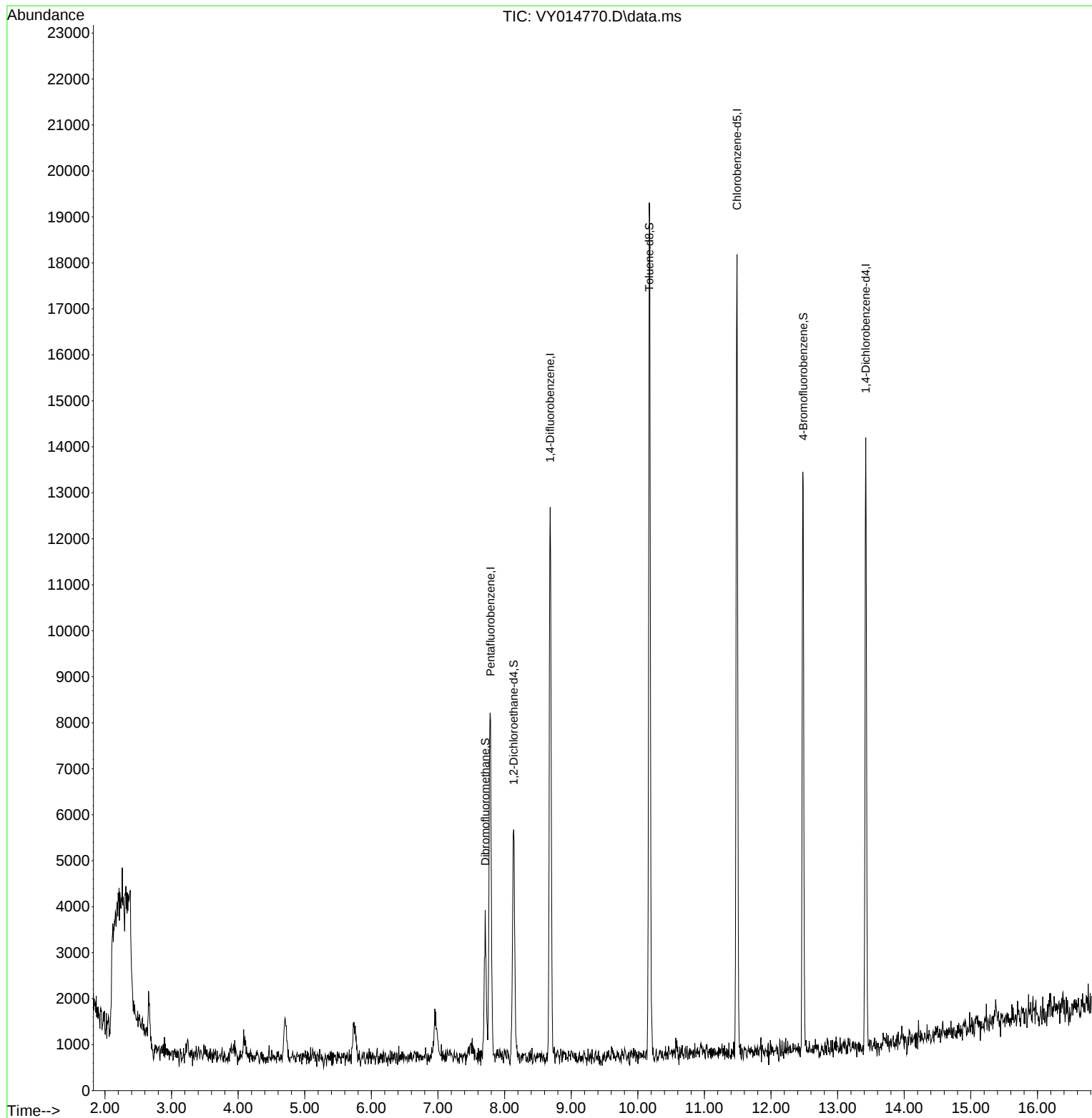
Target Compounds	Qvalue

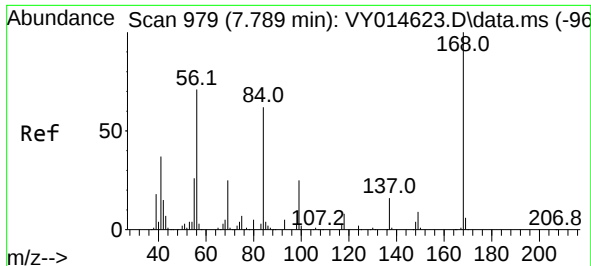
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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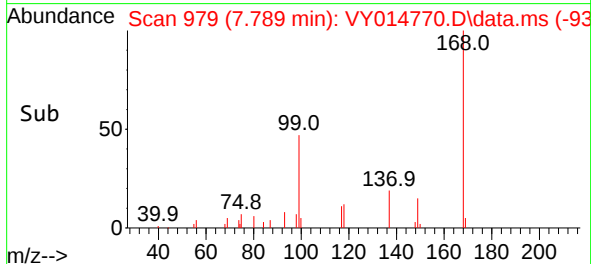
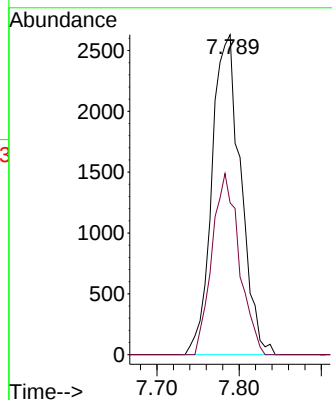
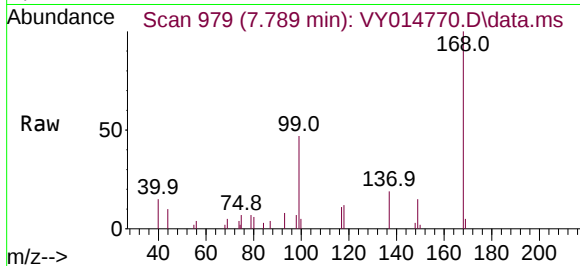




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014770.D
Acq: 24 Jul 2023 14:20

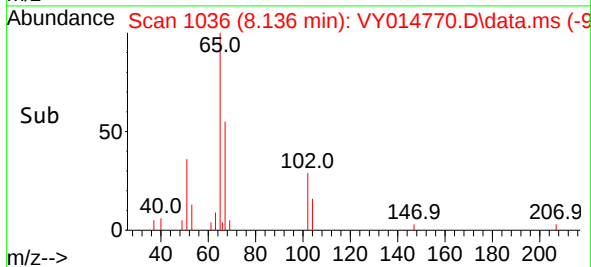
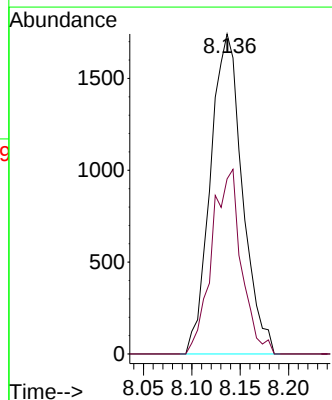
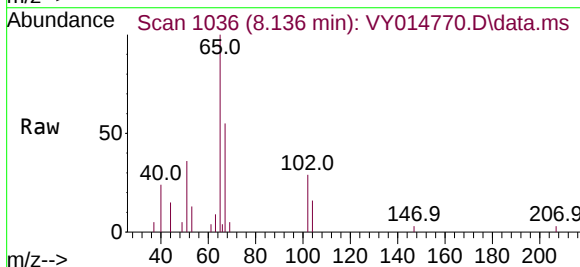
Instrument :
MSVOA_Y
ClientSampleId :
B-P9ARE

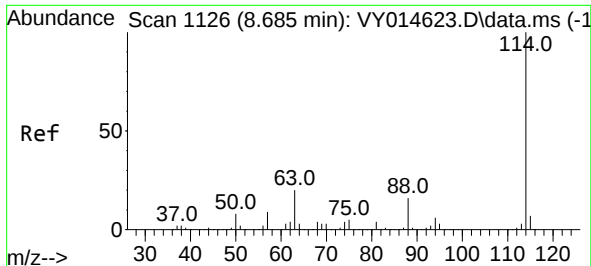
Tgt Ion:168 Resp: 6390
Ion Ratio Lower Upper
168 100
99 47.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 54.919 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014770.D
Acq: 24 Jul 2023 14:20

Tgt Ion: 65 Resp: 3999
Ion Ratio Lower Upper
65 100
67 53.6 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: VY014770.D

Acq: 24 Jul 2023 14:20

Instrument :

MSVOA_Y

ClientSampleId :

B-P9ARE

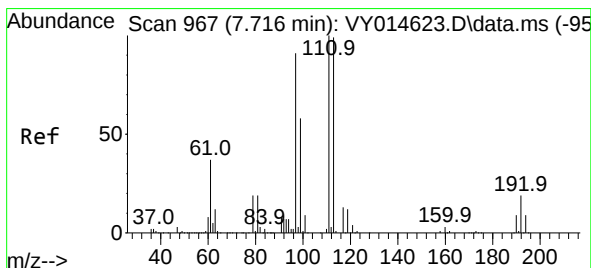
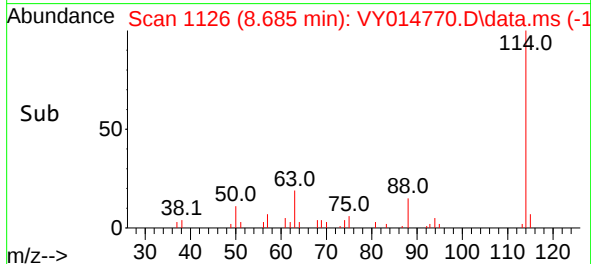
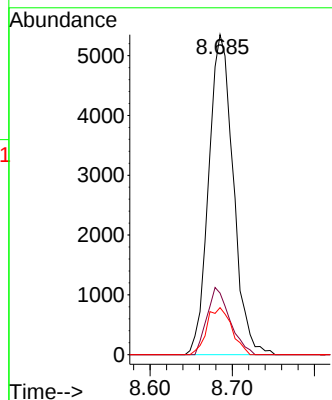
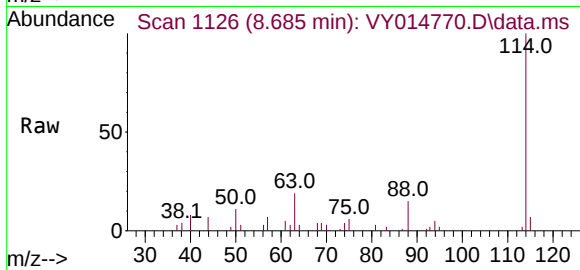
Tgt Ion:114 Resp: 11093

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 31.480 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014770.D

Acq: 24 Jul 2023 14:20

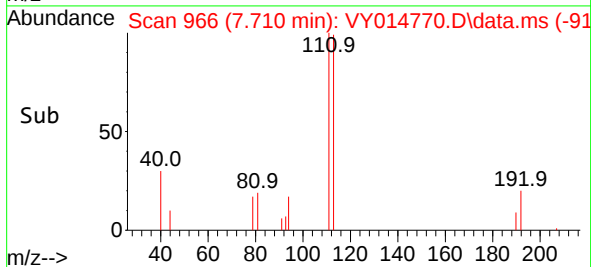
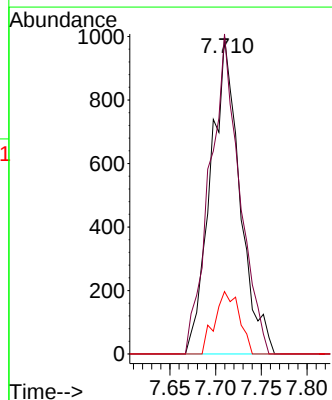
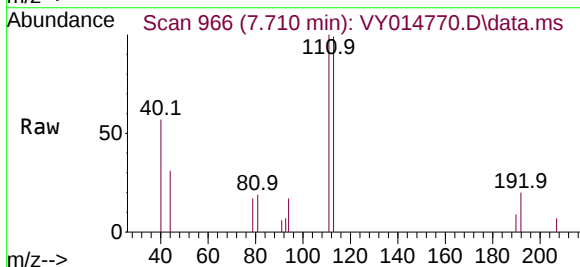
Tgt Ion:113 Resp: 2223

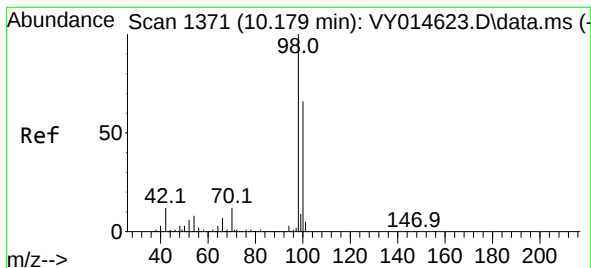
Ion Ratio Lower Upper

113 100

111 102.7 81.3 121.9

192 16.6 16.9 25.3#





#50

Toluene-d8

Concen: 49.296 ug/l

RT: 10.173 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014770.D

Acq: 24 Jul 2023 14:20

Instrument :

MSVOA_Y

ClientSampleId :

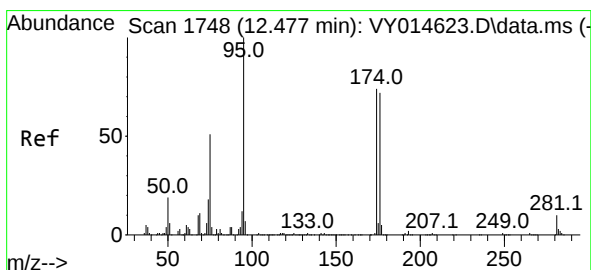
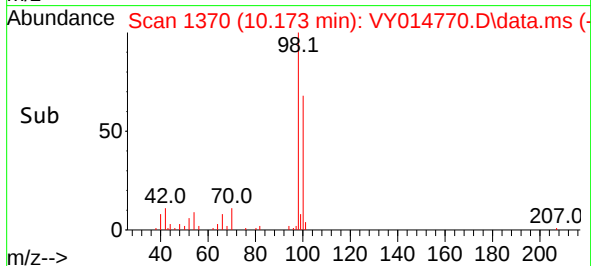
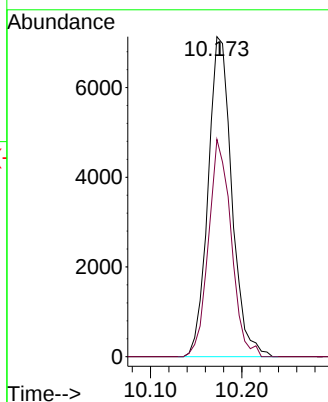
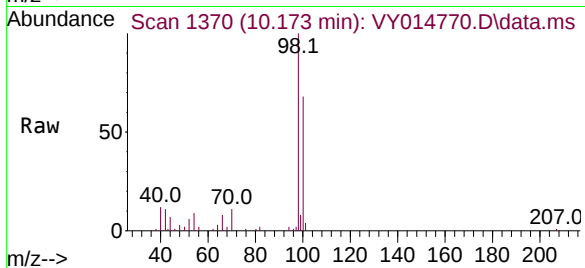
B-P9ARE

Tgt Ion: 98 Resp: 12834

Ion Ratio Lower Upper

98 100

100 64.9 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 41.142 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY014770.D

Acq: 24 Jul 2023 14:20

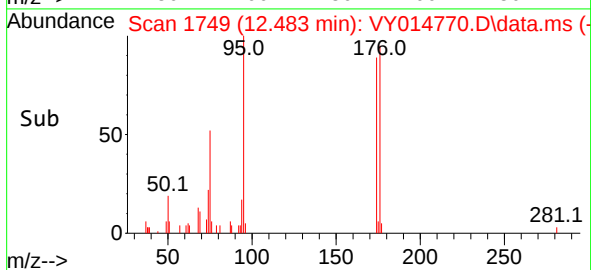
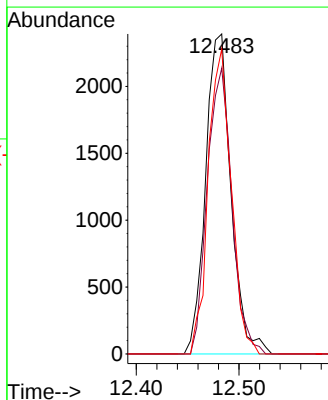
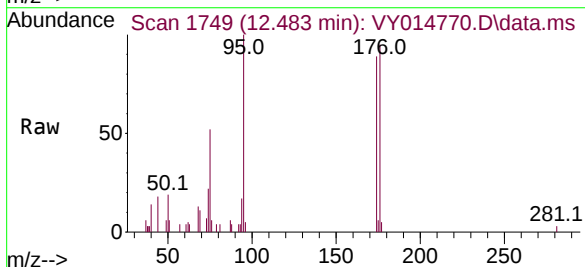
Tgt Ion: 95 Resp: 4107

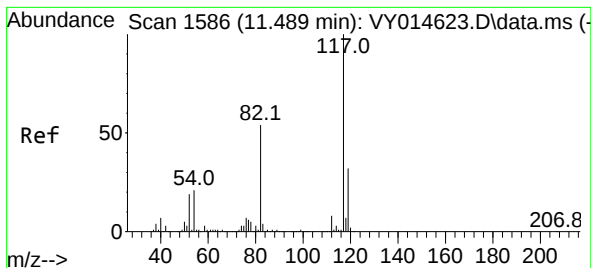
Ion Ratio Lower Upper

95 100

174 86.5 0.0 178.2

176 86.3 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: VY014770.D

Acq: 24 Jul 2023 14:20

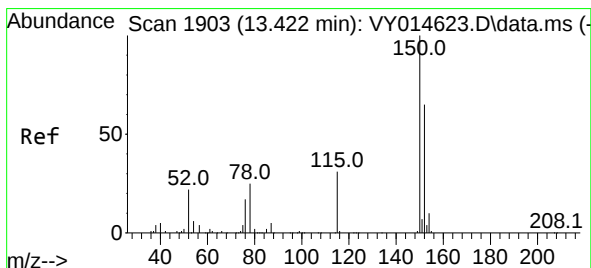
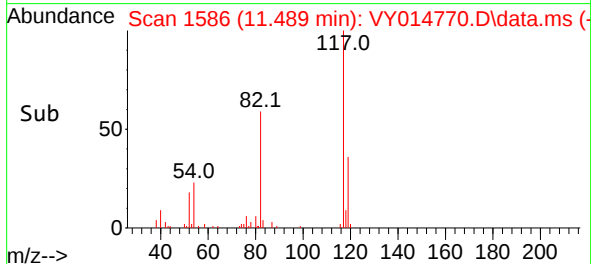
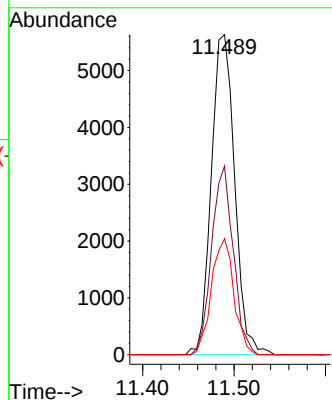
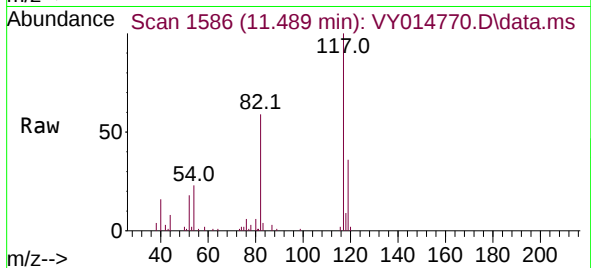
Instrument :

MSVOA_Y

ClientSampleId :

B-P9ARE

Tgt Ion:117	Resp:	9990
Ion	Ratio	Lower Upper
117	100	
82	59.0	43.4 65.0
119	36.3	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: VY014770.D

Acq: 24 Jul 2023 14:20

Tgt Ion:152	Resp:	3581
Ion	Ratio	Lower Upper
152	100	
115	61.6	28.8 86.5
150	158.5	0.0 348.8

