

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071423\
 Data File : VY014645.D
 Acq On : 14 Jul 2023 14:16
 Operator : SY/MD
 Sample : 03615-04
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-210

Quant Time: Jul 14 23:10:03 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	233031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	400193	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	373325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	180150	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	142464	53.649	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.300%
35) Dibromofluoromethane	7.716	113	124839	49.004	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.000%
50) Toluene-d8	10.173	98	473435	50.407	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.820%
62) 4-Bromofluorobenzene	12.477	95	182377	50.642	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.280%

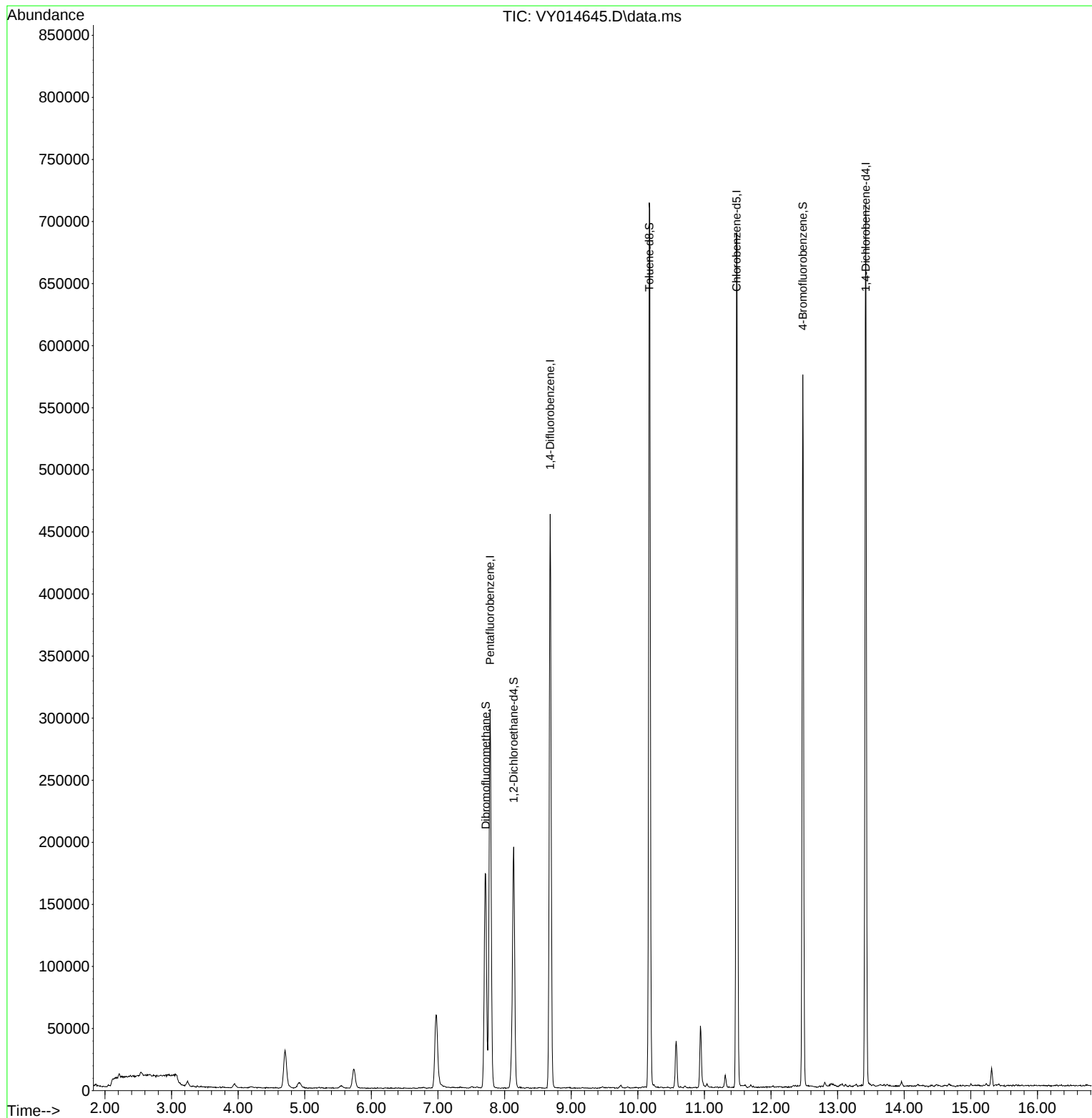
Target Compounds	Qvalue

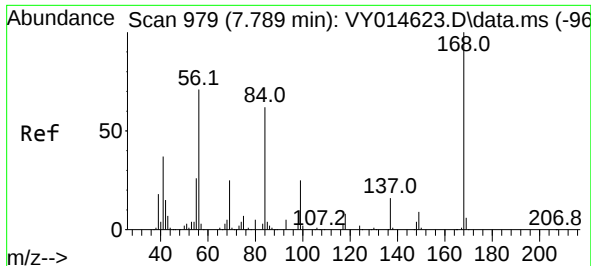
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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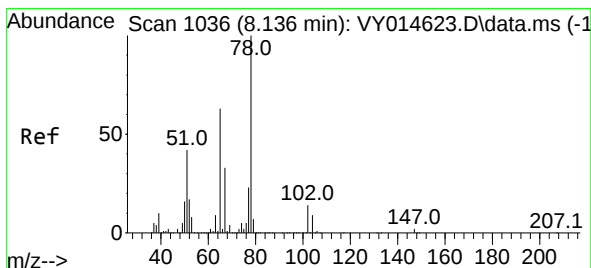
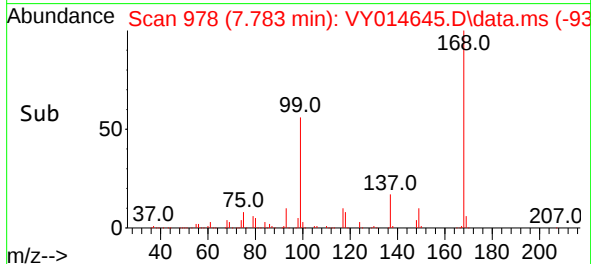
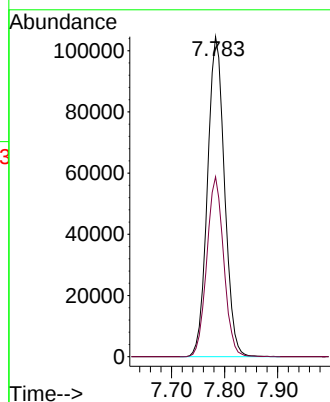
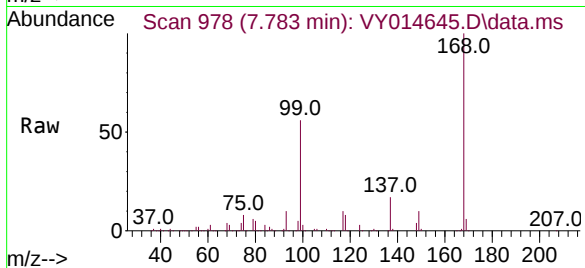




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014645.D
Acq: 14 Jul 2023 14:16

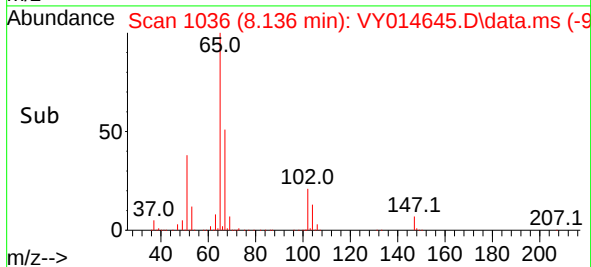
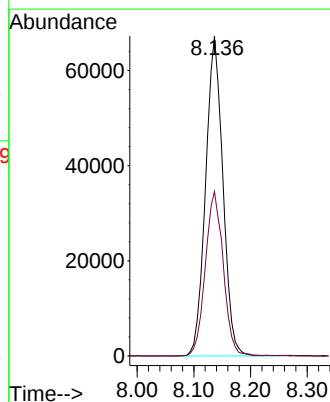
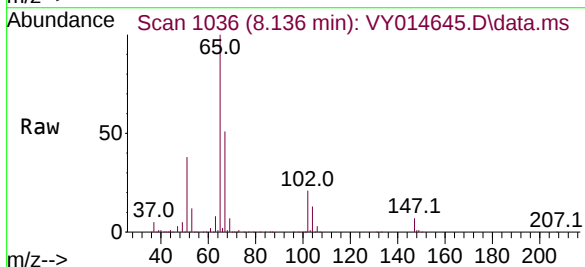
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-210

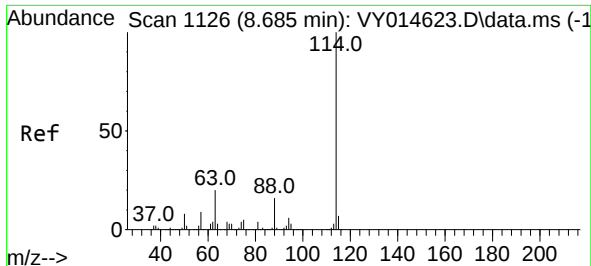
Tgt Ion:168 Resp: 233031
Ion Ratio Lower Upper
168 100
99 56.2 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 53.649 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014645.D
Acq: 14 Jul 2023 14:16

Tgt Ion: 65 Resp: 142464
Ion Ratio Lower Upper
65 100
67 53.2 0.0 101.8

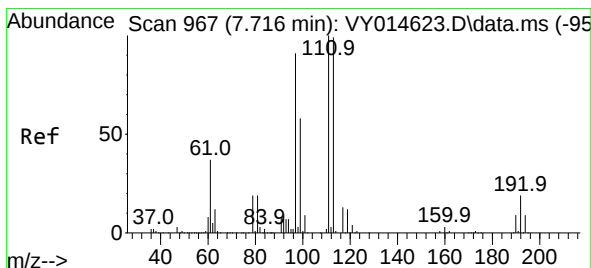
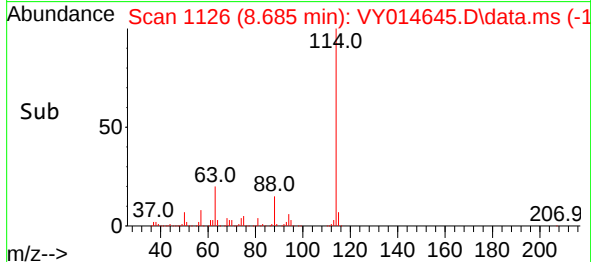
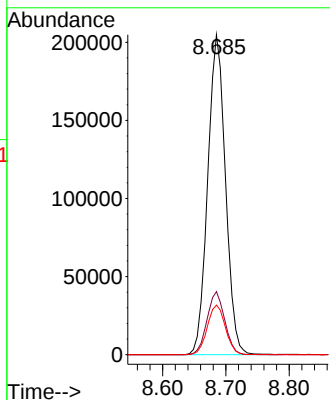
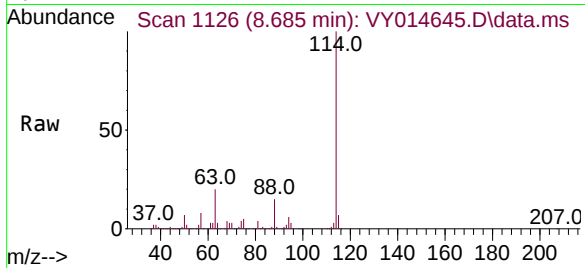




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014645.D
Acq: 14 Jul 2023 14:16

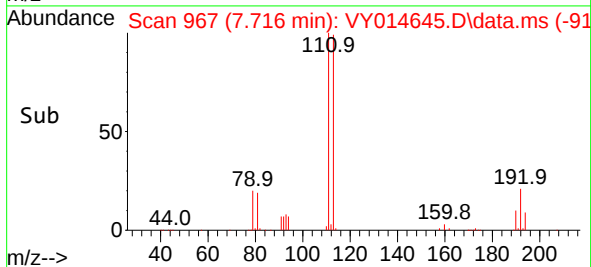
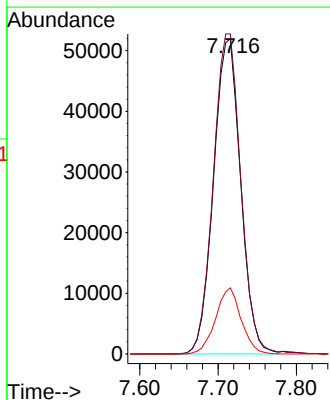
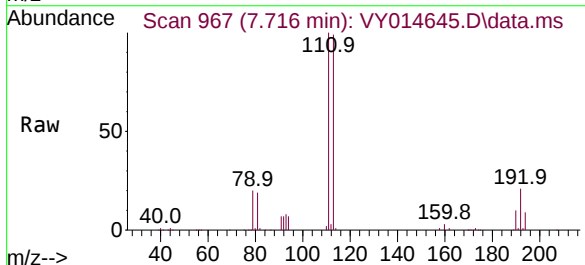
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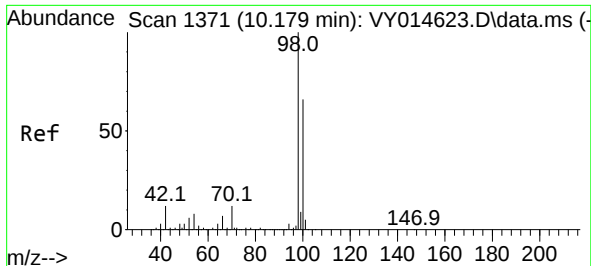
Tgt Ion:114 Resp: 400193
Ion Ratio Lower Upper
114 100
63 19.7 0.0 42.4
88 15.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.004 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014645.D
Acq: 14 Jul 2023 14:16

Tgt Ion:113 Resp: 124839
Ion Ratio Lower Upper
113 100
111 103.3 81.3 121.9
192 19.8 16.9 25.3

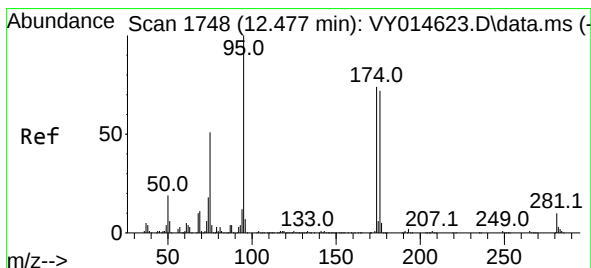
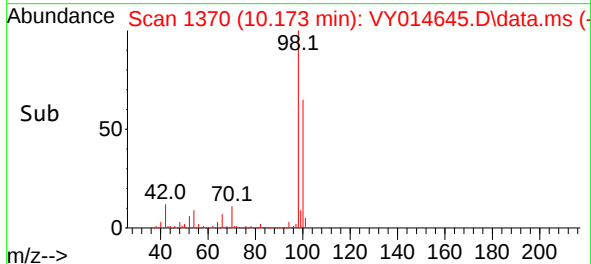
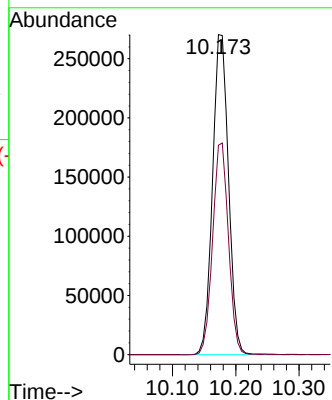
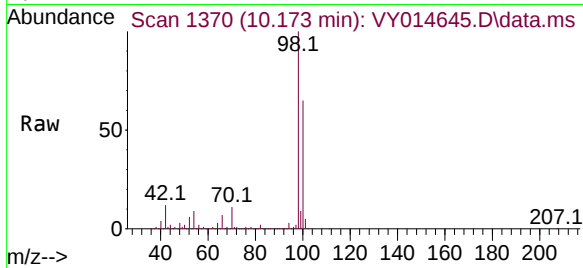




#50
Toluene-d8
Concen: 50.407 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014645.D
Acq: 14 Jul 2023 14:16

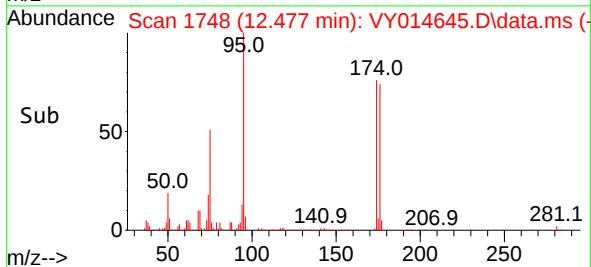
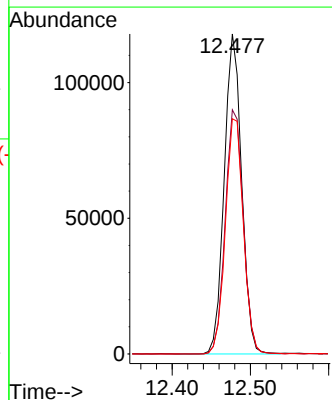
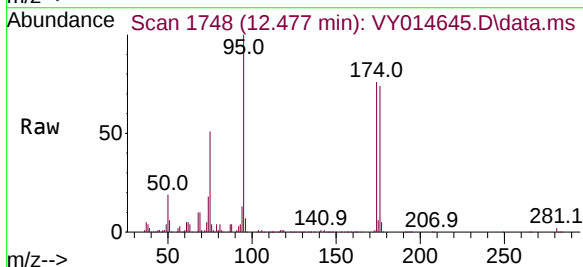
Instrument :
MSVOA_Y
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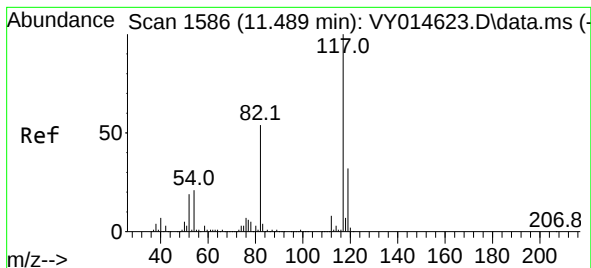
Tgt Ion: 98 Resp: 473435
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.642 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014645.D
Acq: 14 Jul 2023 14:16

Tgt Ion: 95 Resp: 182377
Ion Ratio Lower Upper
95 100
174 79.0 0.0 178.2
176 76.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014645.D

Acq: 14 Jul 2023 14:16

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-210

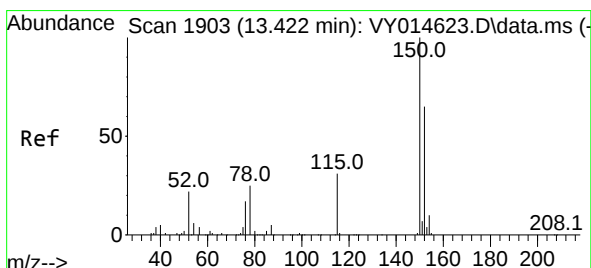
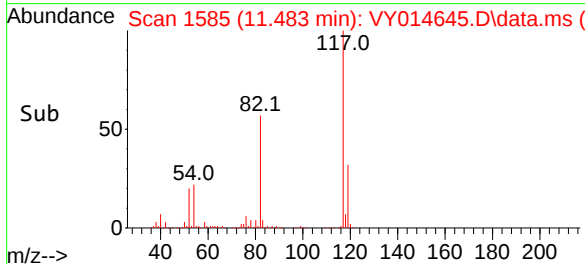
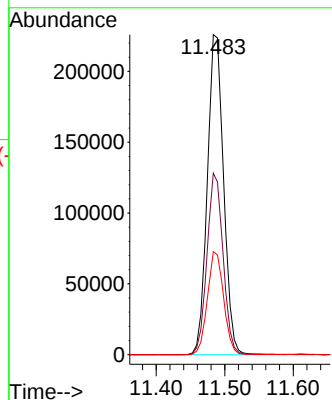
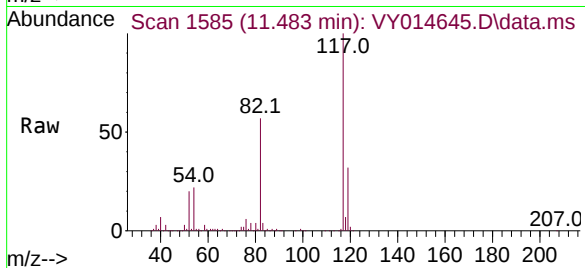
Tgt Ion:117 Resp: 373325

Ion Ratio Lower Upper

117 100

82 56.8 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: VY014645.D

Acq: 14 Jul 2023 14:16

Tgt Ion:152 Resp: 180150

Ion Ratio Lower Upper

152 100

115 60.5 28.8 86.5

150 155.7 0.0 348.8

