

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062723\
 Data File : VY014461.D
 Acq On : 27 Jun 2023 16:22
 Operator : KP/MD
 Sample : 03392-02
 Misc : 5.25g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RY-1

Quant Time: Jun 28 01:57:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	152576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	232855	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	201333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70286	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	108450	57.249	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.500%
35) Dibromofluoromethane	7.710	113	75491	52.474	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.940%
50) Toluene-d8	10.179	98	271905	47.546	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.100%
62) 4-Bromofluorobenzene	12.483	95	68655	33.628	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	67.260%

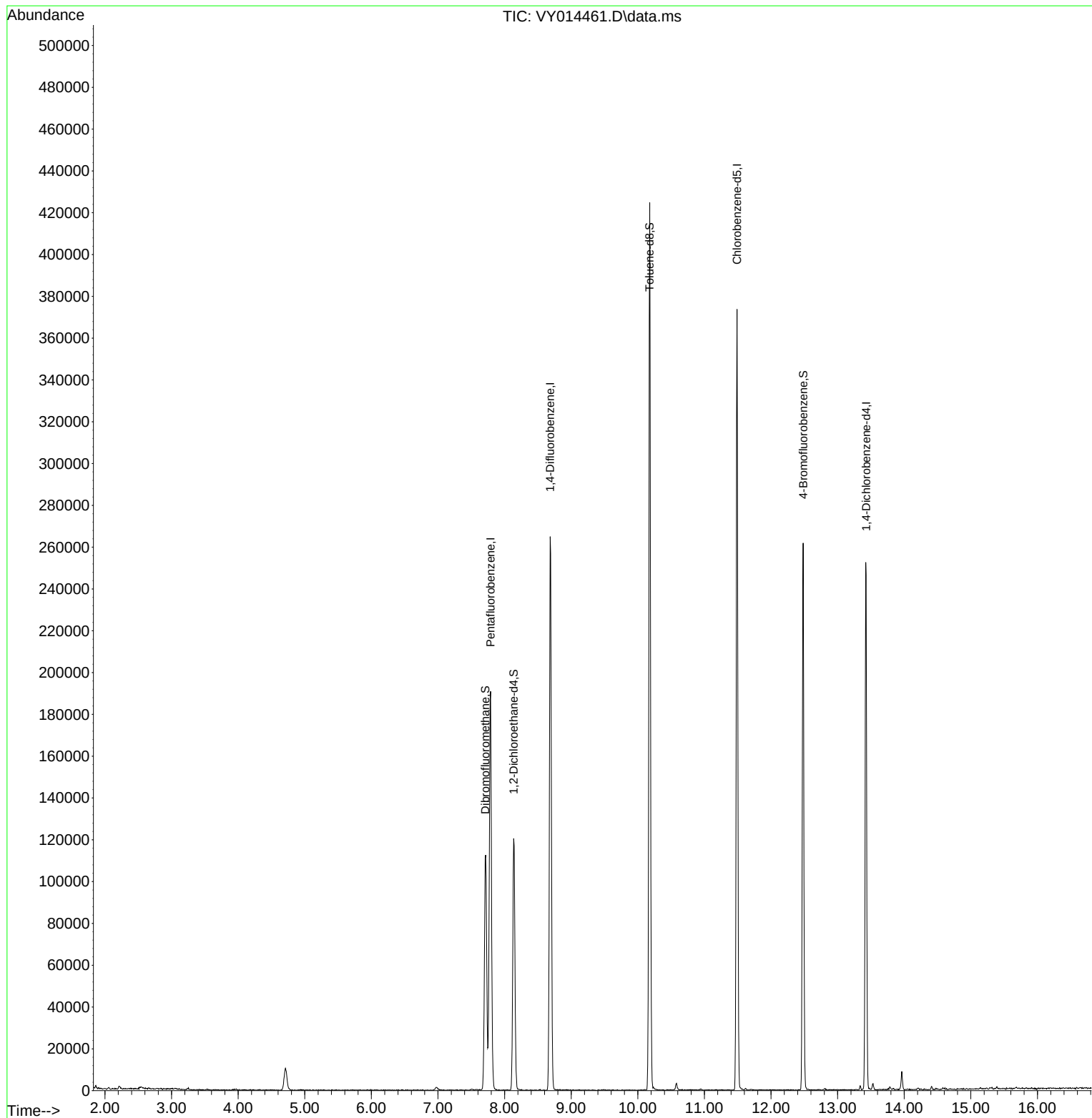
Target Compounds	Qvalue

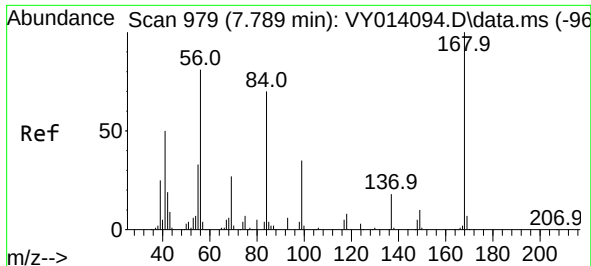
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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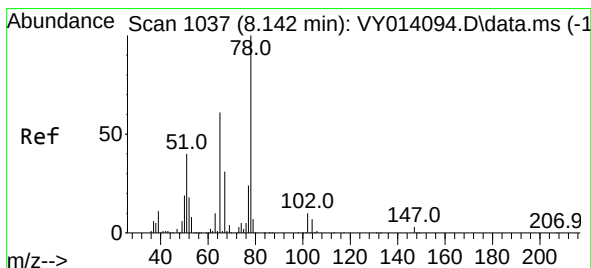
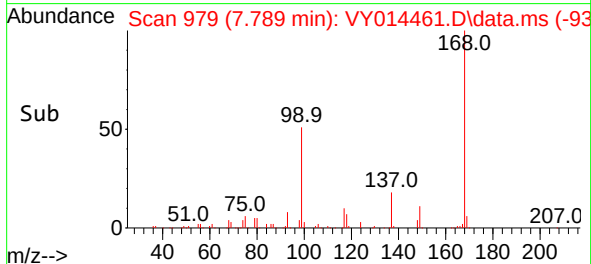
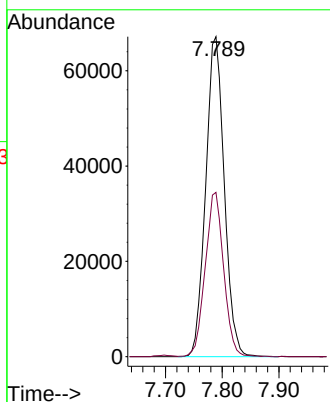
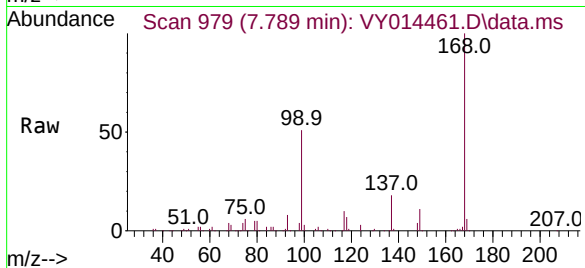




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014461.D
Acq: 27 Jun 2023 16:22

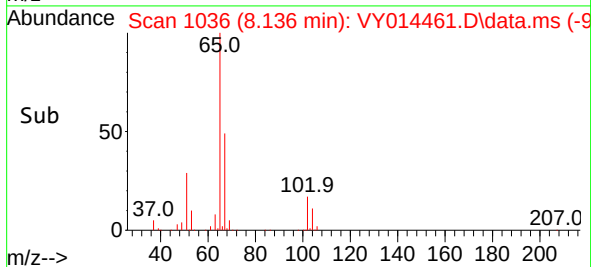
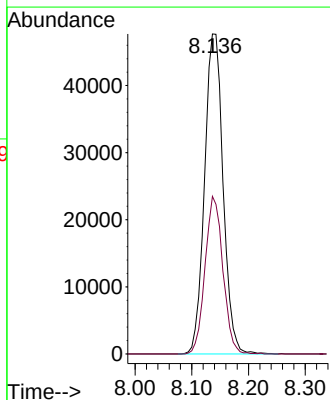
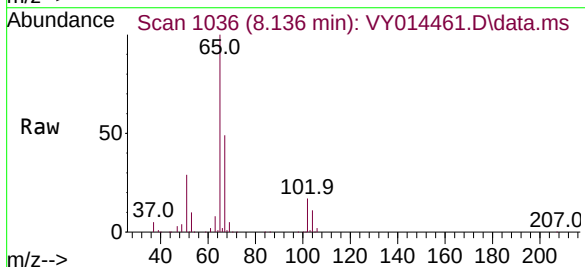
Instrument :
MSVOA_Y
ClientSampleId :
RY-1

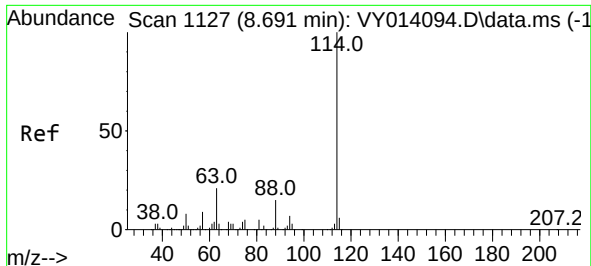
Tgt Ion:168 Resp: 152576
Ion Ratio Lower Upper
168 100
99 51.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 57.249 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014461.D
Acq: 27 Jun 2023 16:22

Tgt Ion: 65 Resp: 108450
Ion Ratio Lower Upper
65 100
67 47.4 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014461.D

Acq: 27 Jun 2023 16:22

Instrument :

MSVOA_Y

ClientSampleId :

RY-1

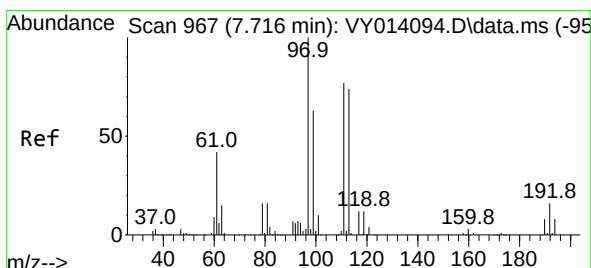
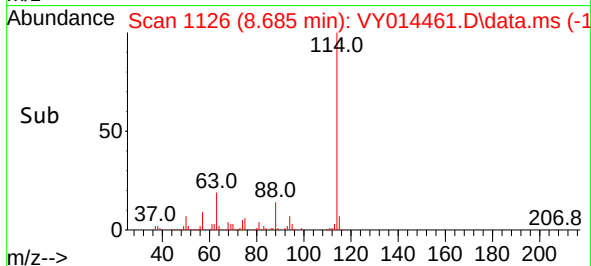
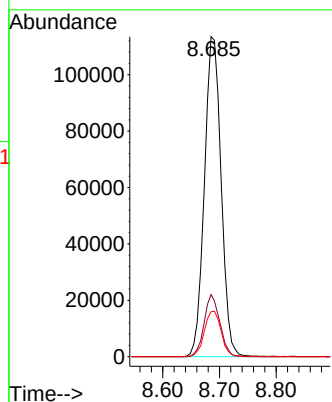
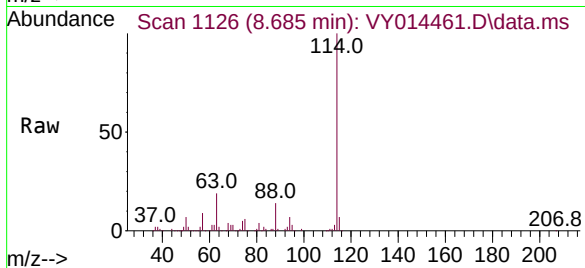
Tgt Ion:114 Resp: 232855

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 14.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.474 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014461.D

Acq: 27 Jun 2023 16:22

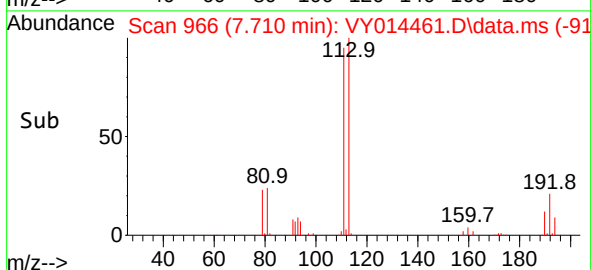
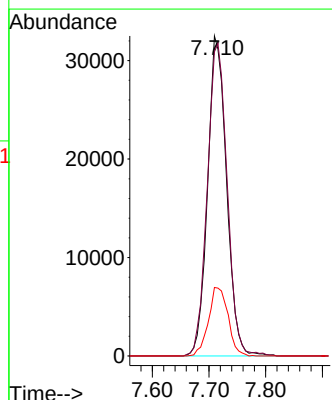
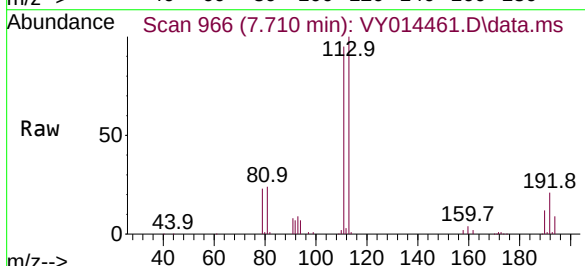
Tgt Ion:113 Resp: 75491

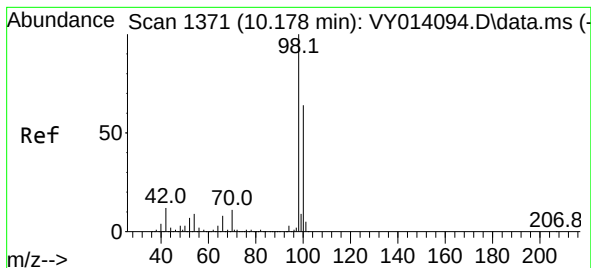
Ion Ratio Lower Upper

113 100

111 102.5 81.3 121.9

192 22.1 16.9 25.3

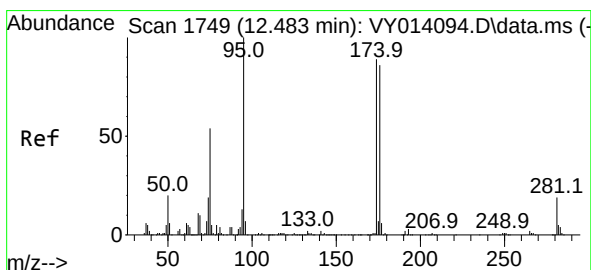
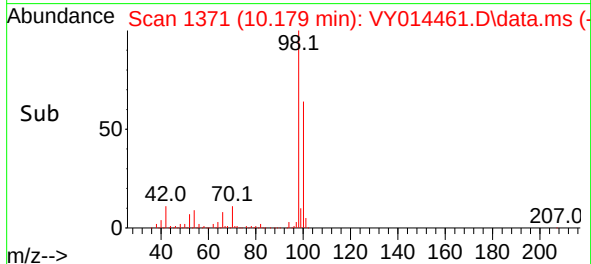
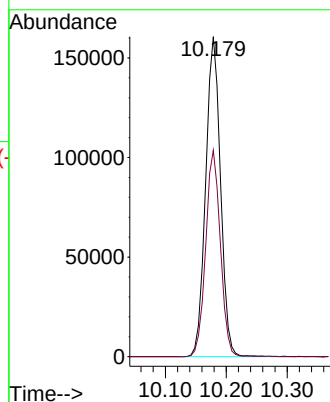
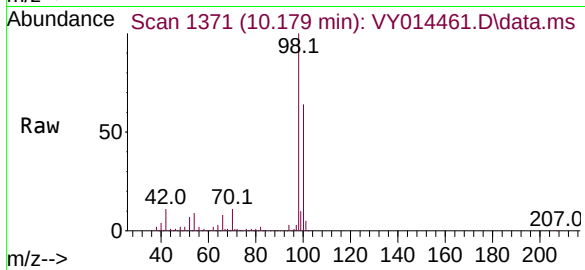




#50
Toluene-d8
Concen: 47.546 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014461.D
Acq: 27 Jun 2023 16:22

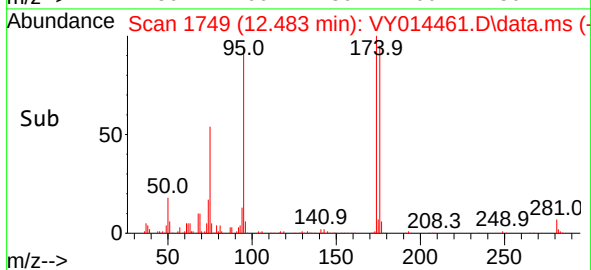
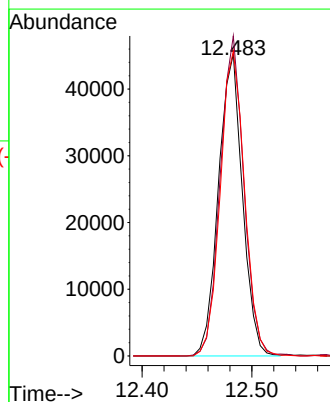
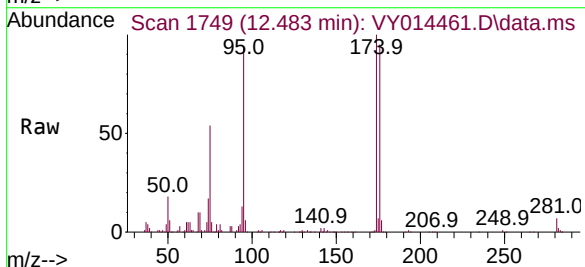
Instrument :
MSVOA_Y
ClientSampleId :
RY-1

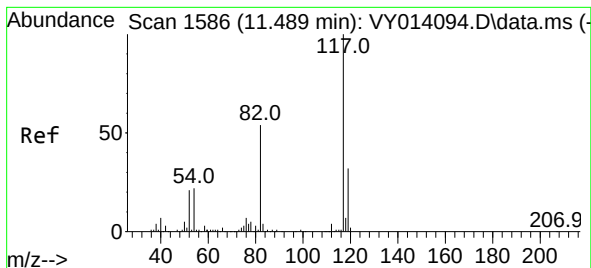
Tgt Ion: 98 Resp: 271905
Ion Ratio Lower Upper
98 100
100 63.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 33.628 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014461.D
Acq: 27 Jun 2023 16:22

Tgt Ion: 95 Resp: 68655
Ion Ratio Lower Upper
95 100
174 104.5 0.0 178.2
176 102.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY014461.D

Acq: 27 Jun 2023 16:22

Instrument :

MSVOA_Y

ClientSampleId :

RY-1

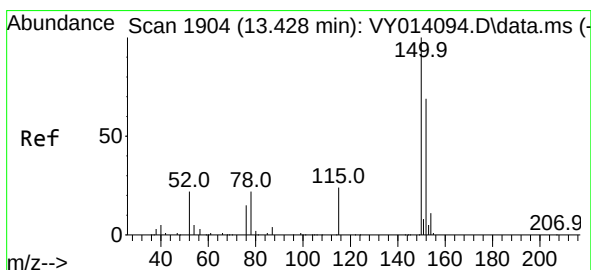
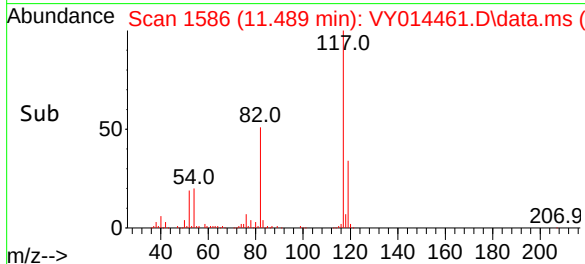
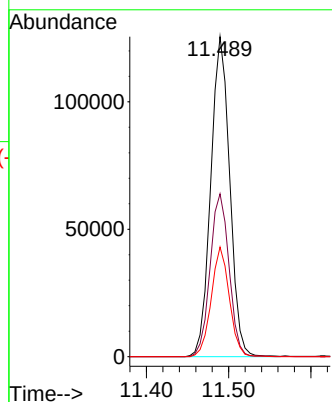
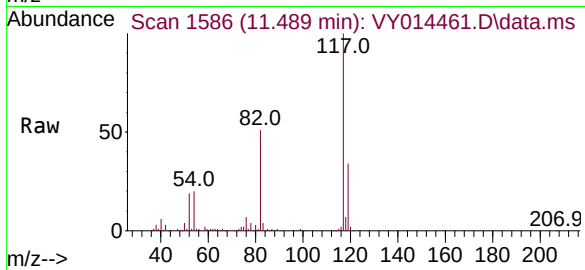
Tgt Ion:117 Resp: 201333

Ion Ratio Lower Upper

117 100

82 50.9 43.4 65.0

119 34.3 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014461.D

Acq: 27 Jun 2023 16:22

Tgt Ion:152 Resp: 70286

Ion Ratio Lower Upper

152 100

115 54.5 28.8 86.5

150 157.2 0.0 348.8

