

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063023\
 Data File : VY014523.D
 Acq On : 30 Jun 2023 18:16
 Operator : KP/MD
 Sample : 03471-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-232

Quant Time: Jun 30 23:20:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	289285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	455212	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	438514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	207425	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	154375	53.644	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.280%
35) Dibromofluoromethane	7.710	113	145009	51.729	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.460%
50) Toluene-d8	10.179	98	535939	48.364	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.720%
62) 4-Bromofluorobenzene	12.477	95	175810	45.689	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.380%

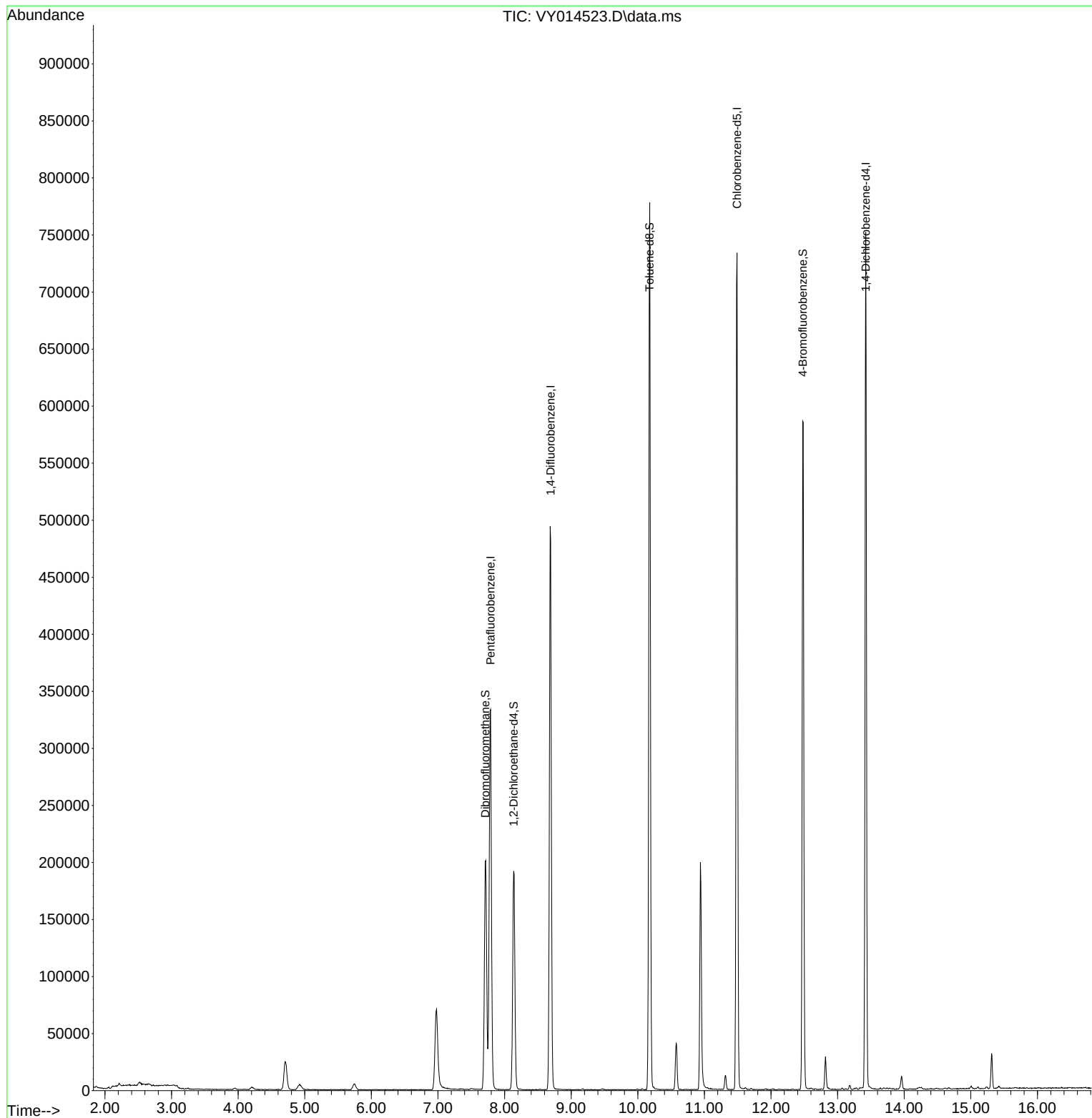
Target Compounds	Qvalue

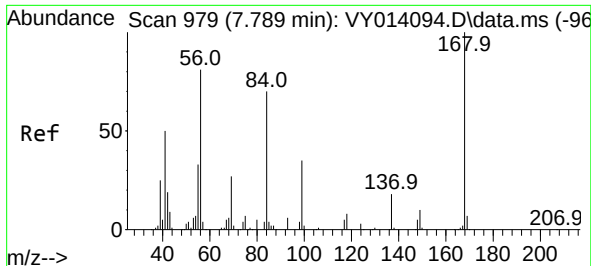
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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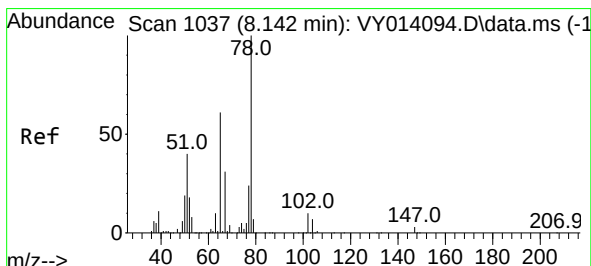
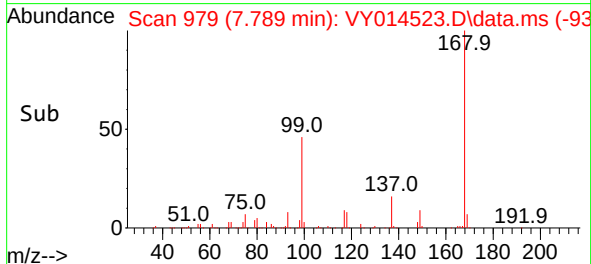
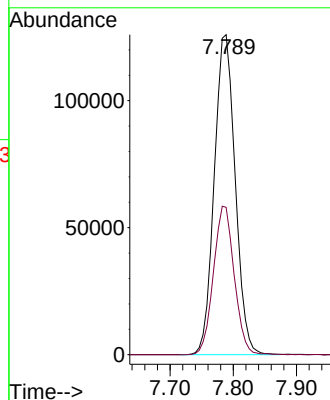
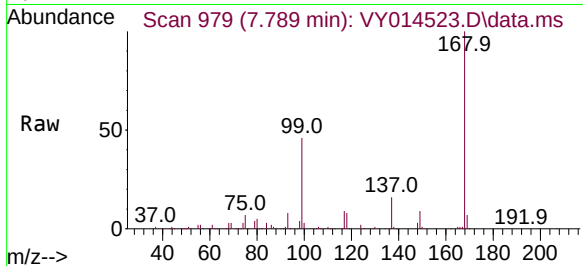




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014523.D
Acq: 30 Jun 2023 18:16

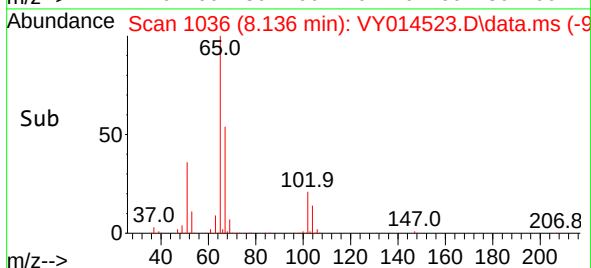
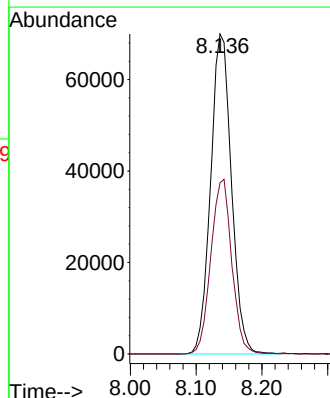
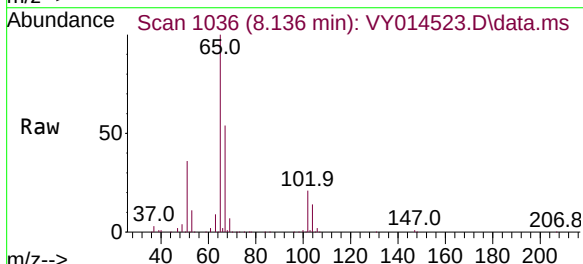
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-232

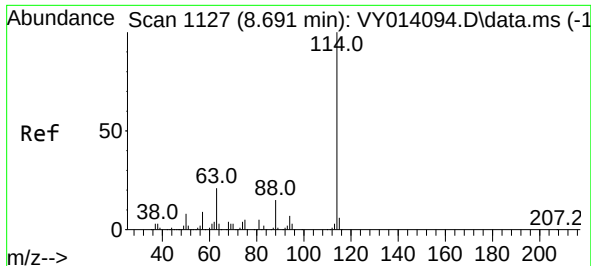
Tgt Ion:168 Resp: 289285
Ion Ratio Lower Upper
168 100
99 46.1 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 53.644 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014523.D
Acq: 30 Jun 2023 18:16

Tgt Ion: 65 Resp: 154375
Ion Ratio Lower Upper
65 100
67 54.8 0.0 101.8

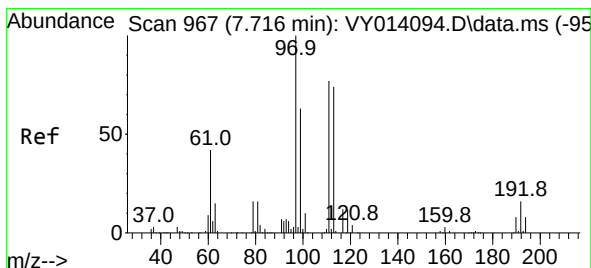
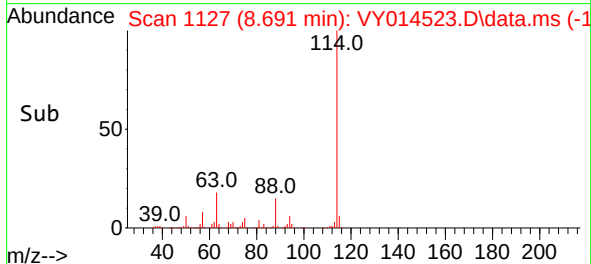
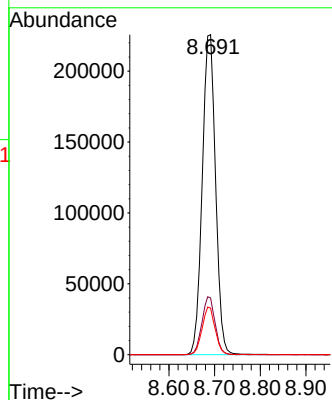
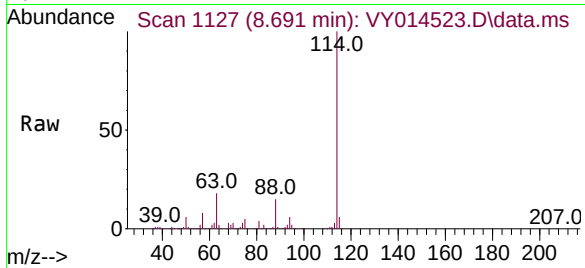




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014523.D
Acq: 30 Jun 2023 18:16

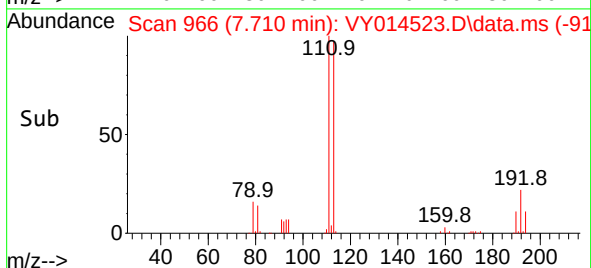
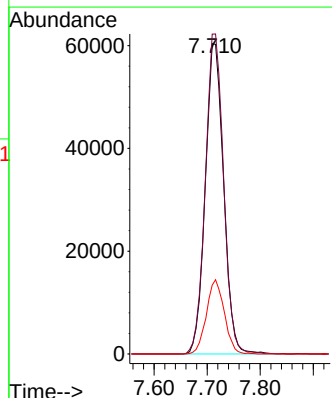
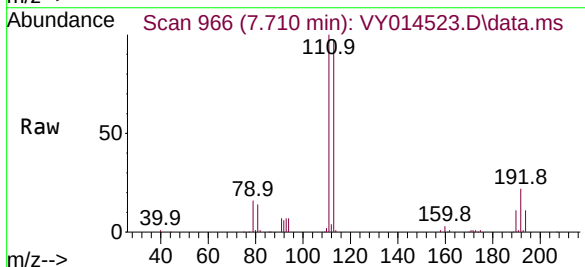
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-232

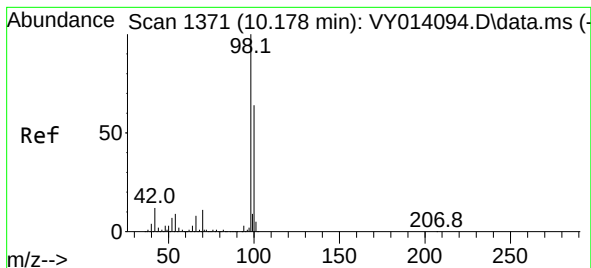
Tgt Ion:	114	Resp:	455212
Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	42.4
88	14.5	0.0	30.6



#35
Dibromofluoromethane
Concen: 51.729 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014523.D
Acq: 30 Jun 2023 18:16

Tgt Ion:	113	Resp:	145009
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.3	121.9
192	23.4	16.9	25.3





#50

Toluene-d8

Concen: 48.364 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY014523.D

Acq: 30 Jun 2023 18:16

Instrument :

MSVOA_Y

ClientSampleId :

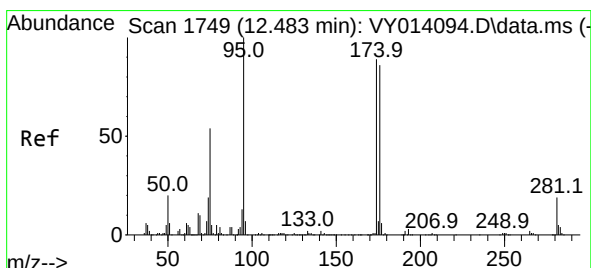
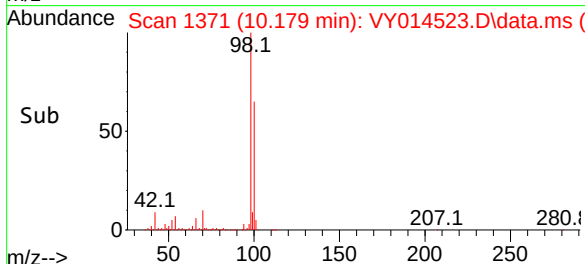
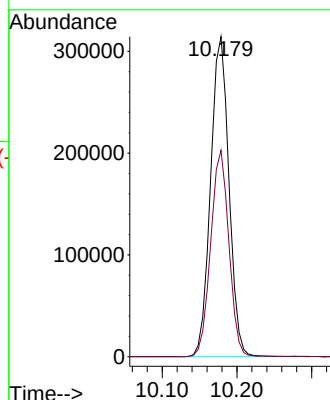
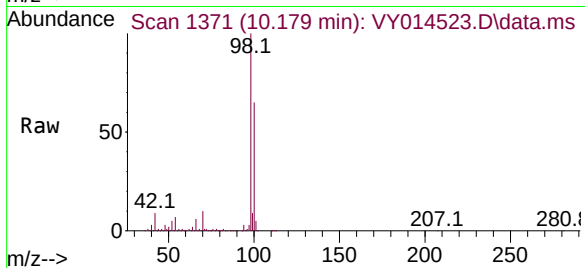
VNJ-232

Tgt Ion: 98 Resp: 535939

Ion Ratio Lower Upper

98 100

100 63.9 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 45.689 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY014523.D

Acq: 30 Jun 2023 18:16

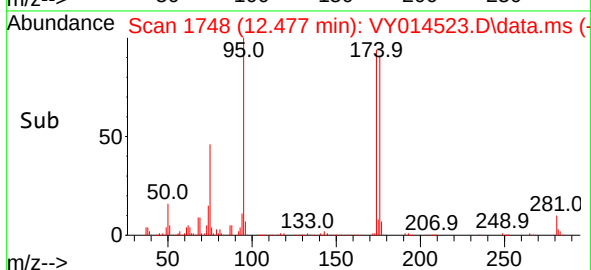
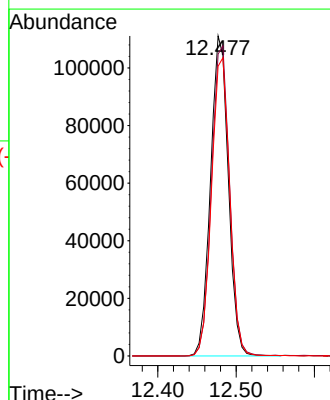
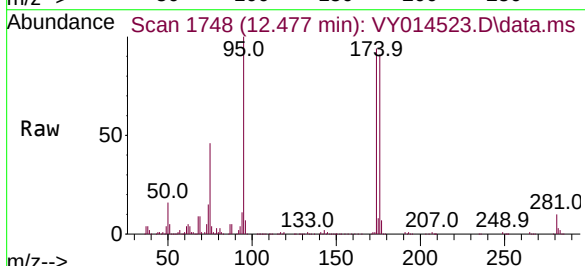
Tgt Ion: 95 Resp: 175810

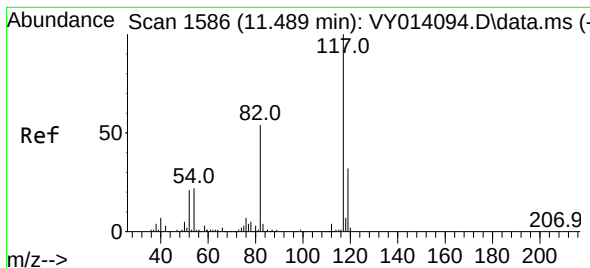
Ion Ratio Lower Upper

95 100

174 98.5 0.0 178.2

176 95.1 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: VY014523.D

Acq: 30 Jun 2023 18:16

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-232

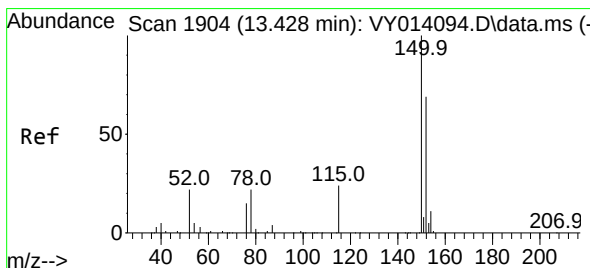
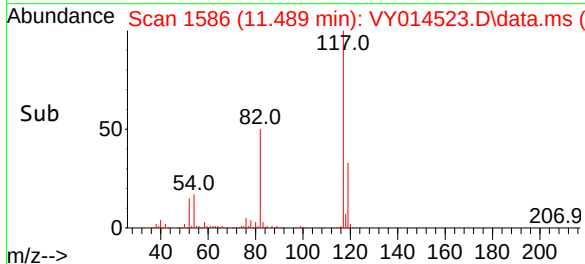
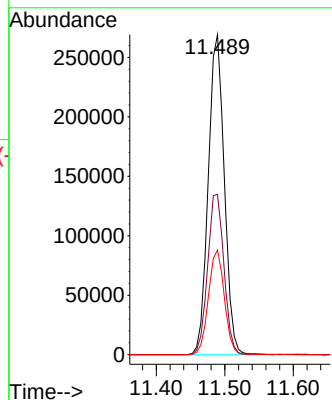
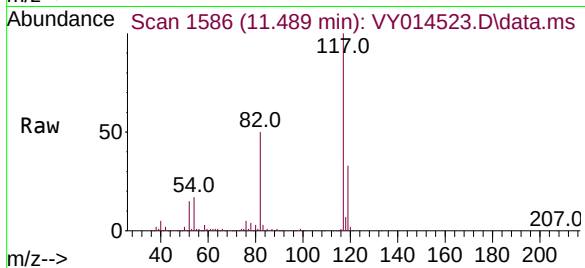
Tgt Ion:117 Resp: 438514

Ion Ratio Lower Upper

117 100

82 50.1 43.4 65.0

119 32.7 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014523.D

Acq: 30 Jun 2023 18:16

Tgt Ion:152 Resp: 207425

Ion Ratio Lower Upper

152 100

115 54.2 28.8 86.5

150 156.7 0.0 348.8

