

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103124\
 Data File : VY020094.D
 Acq On : 31 Oct 2024 15:02
 Operator : SY/MD
 Sample : P4597-07
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BLUE-2-1

Quant Time: Oct 31 17:13:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	28602	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	56175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	52982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	15736	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	27067	75.824	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	151.640%
35) Dibromofluoromethane	7.634	113	21205	59.372	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.740%
50) Toluene-d8	10.103	98	67870	47.740	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.480%
62) 4-Bromofluorobenzene	12.402	95	20630	44.676	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	89.360%

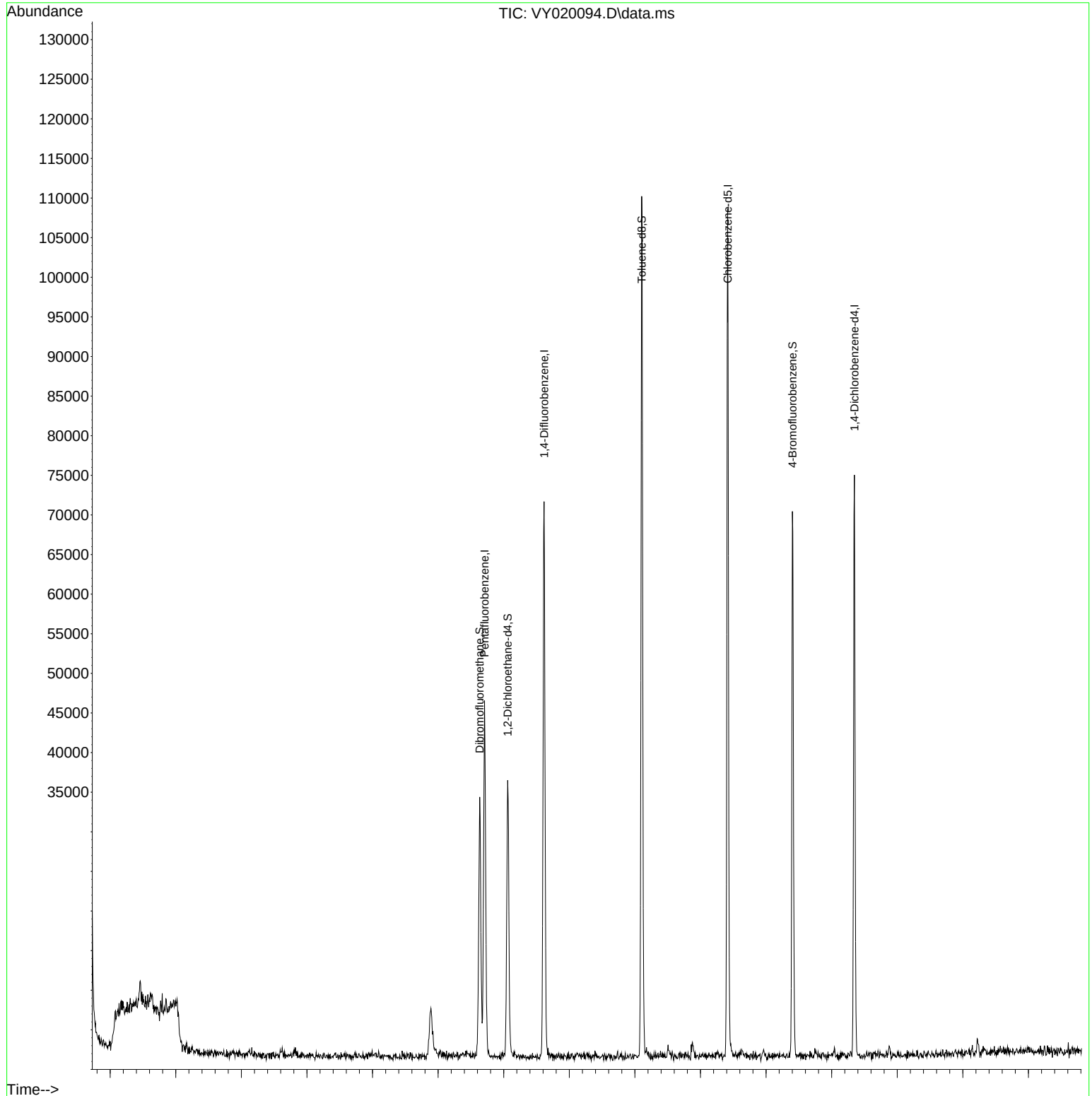
Target Compounds Qvalue

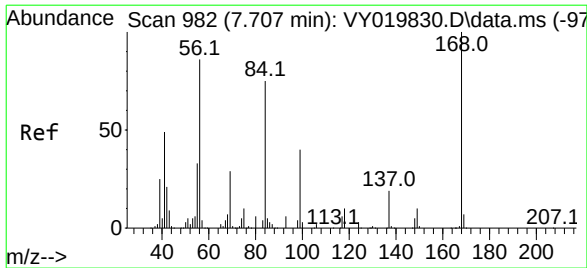
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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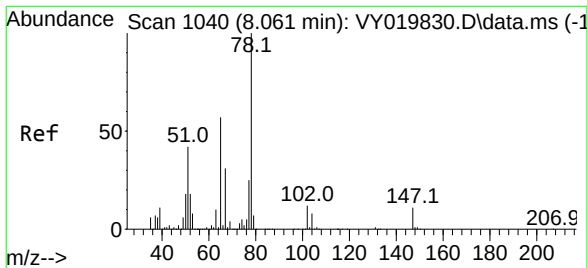
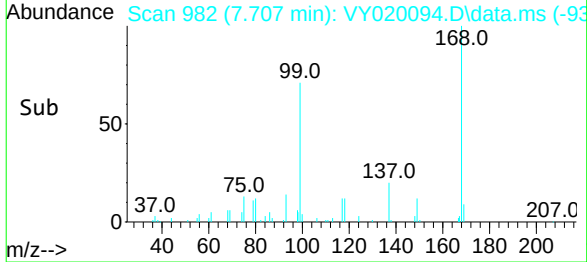
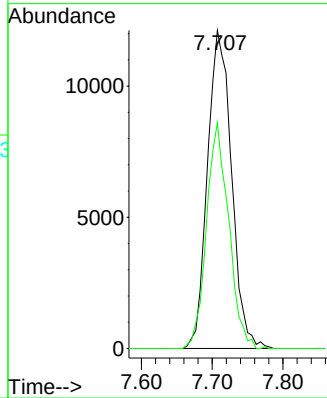
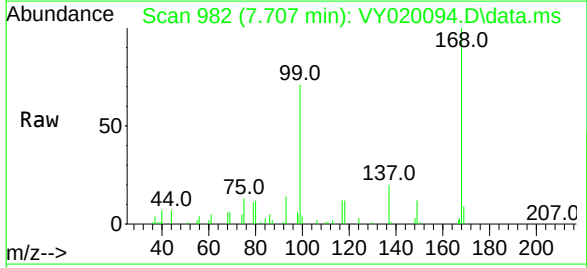




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY020094.D
Acq: 31 Oct 2024 15:02

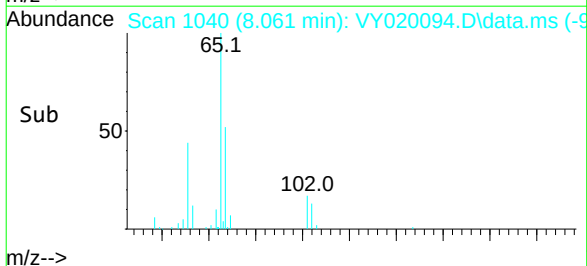
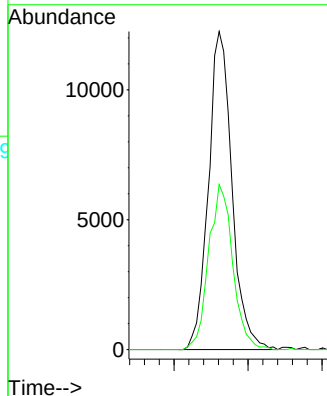
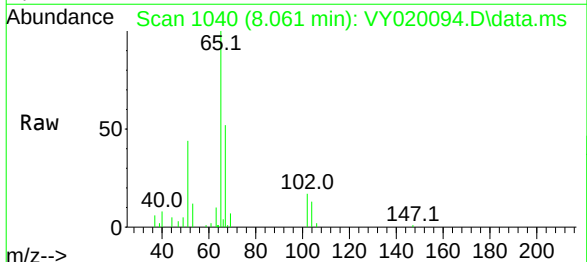
Instrument :
MSVOA_Y
ClientSampleId :
BLUE-2-1

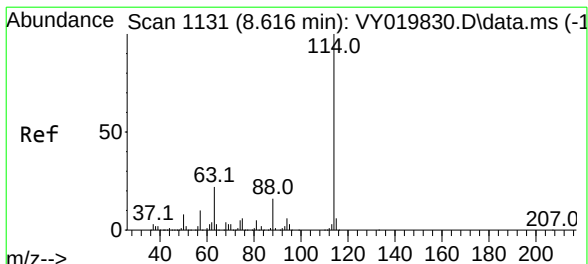
Tgt Ion: 168 Resp: 28602
Ion Ratio Lower Upper
168 100
99 71.0 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 75.824 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020094.D
Acq: 31 Oct 2024 15:02

Tgt Ion: 65 Resp: 27067
Ion Ratio Lower Upper
65 100
67 53.1 0.0 109.6

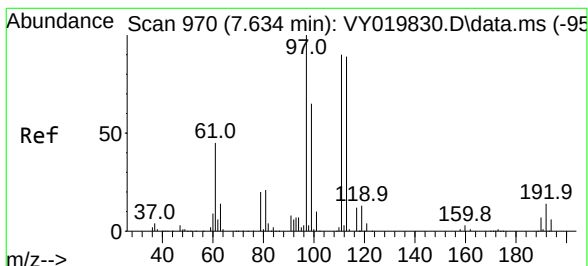
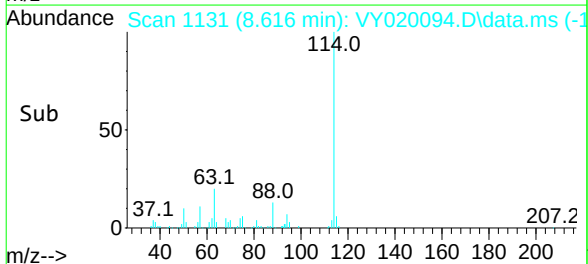
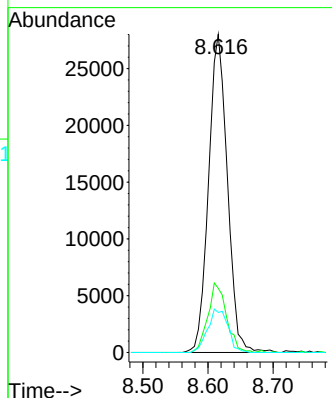
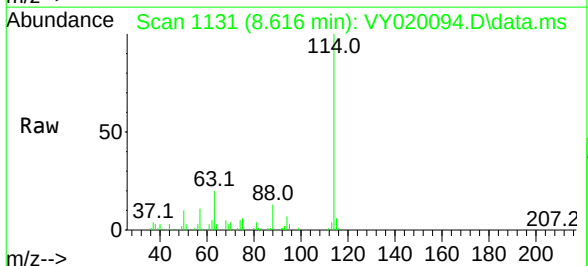




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020094.D
 Acq: 31 Oct 2024 15:02

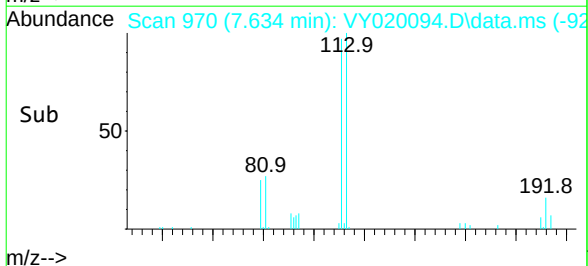
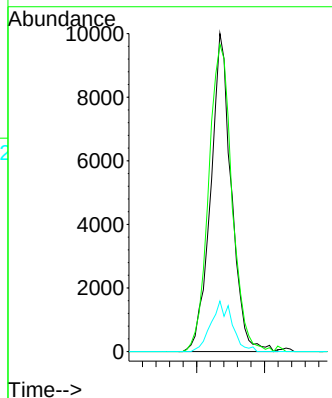
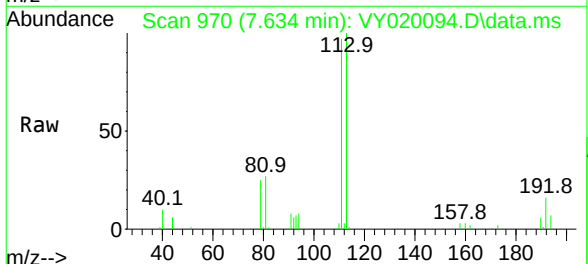
Instrument :
 MSVOA_Y
 ClientSampleId :
 BLUE-2-1

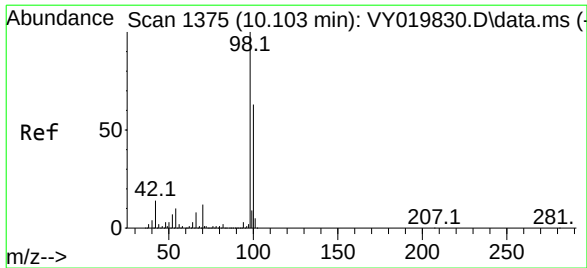
Tgt Ion:	114	Resp:	56175
Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	35.0
88	12.6	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 59.372 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY020094.D
 Acq: 31 Oct 2024 15:02

Tgt Ion:	113	Resp:	21205
Ion	Ratio	Lower	Upper
113	100		
111	109.0	82.2	123.4
192	16.3	15.9	23.9





#50

Toluene-d8

Concen: 47.740 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020094.D

Acq: 31 Oct 2024 15:02

Instrument :

MSVOA_Y

ClientSampleId :

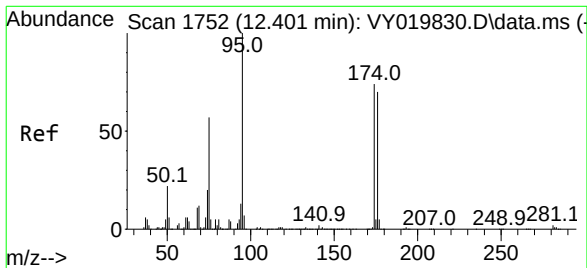
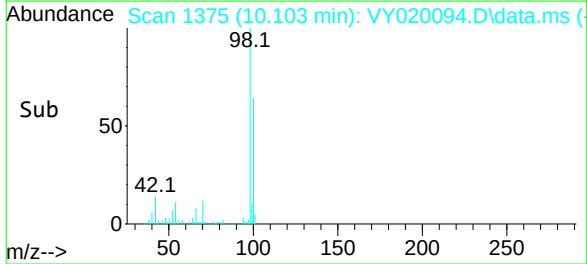
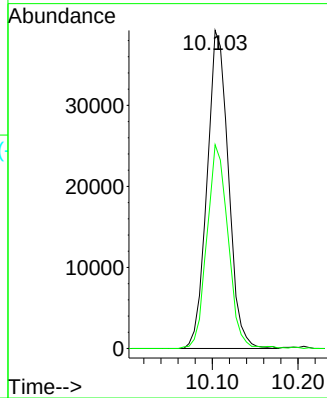
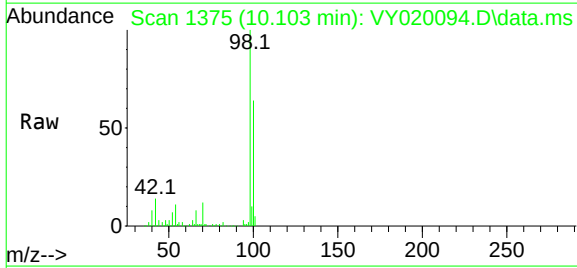
BLUE-2-1

Tgt Ion: 98 Resp: 67870

Ion Ratio Lower Upper

98 100

100 63.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 44.676 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020094.D

Acq: 31 Oct 2024 15:02

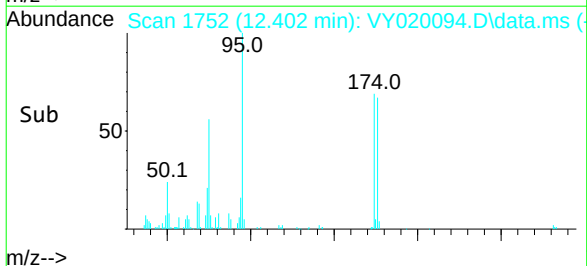
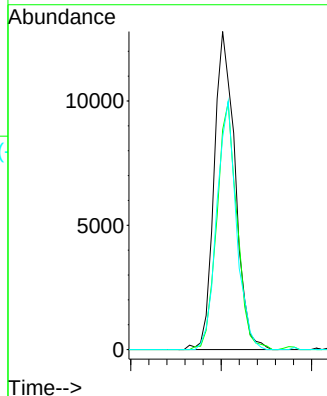
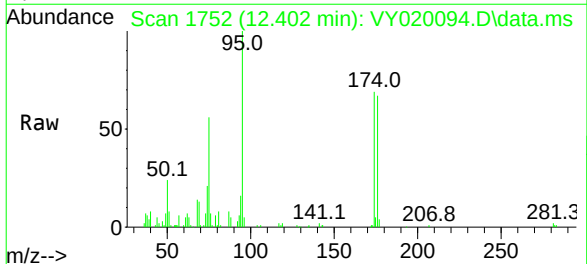
Tgt Ion: 95 Resp: 20630

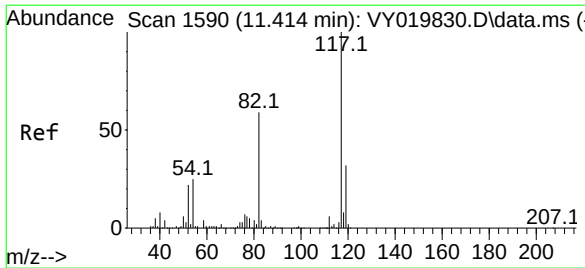
Ion Ratio Lower Upper

95 100

174 74.3 0.0 175.6

176 73.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY020094.D

Acq: 31 Oct 2024 15:02

Instrument :

MSVOA_Y

ClientSampleId :

BLUE-2-1

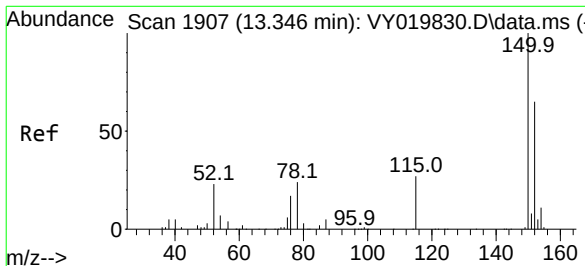
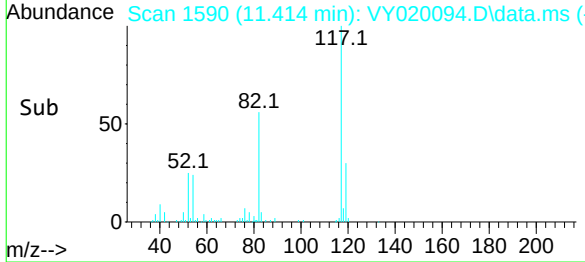
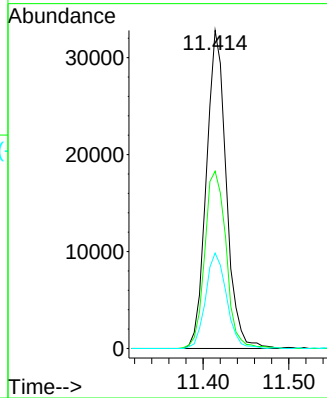
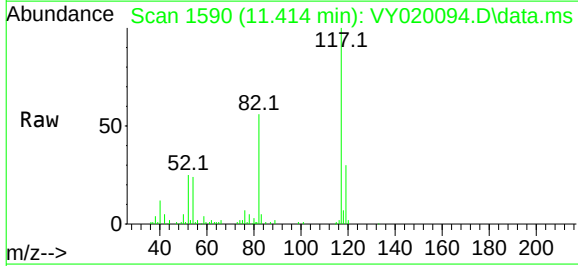
Tgt Ion:117 Resp: 52982

Ion Ratio Lower Upper

117 100

82 55.7 42.4 63.6

119 30.0 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020094.D

Acq: 31 Oct 2024 15:02

Tgt Ion:152 Resp: 15736

Ion Ratio Lower Upper

152 100

115 61.6 28.2 84.7

150 158.4 0.0 345.6

